

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
 Data File : BG047329.D
 Acq On : 16 Nov 2020 14:14
 Operator : CG/JU
 Sample : L4762-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.641	385	392	400	rBV	61820	128744	2.84%	0.149%
2	6.012	449	455	461	rVV2	74820	140491	3.10%	0.162%
3	6.993	613	622	629	rBV6	29415	89010	1.96%	0.103%
4	7.175	644	653	660	rBV	325583	636316	14.03%	0.735%
5	7.334	671	680	687	rBV	244202	413589	9.12%	0.478%
6	7.545	709	716	722	rBV	323437	557140	12.29%	0.644%
7	8.015	786	796	810	rVB	230129	482827	10.65%	0.558%
8	8.567	885	890	900	rVB6	42502	120742	2.66%	0.139%
9	8.656	900	905	910	rBV5	51435	100250	2.21%	0.116%
10	8.720	910	916	924	rVB	378329	634764	14.00%	0.733%
11	8.920	943	950	955	rBV4	39812	91090	2.01%	0.105%
12	9.120	974	984	988	rBV3	81645	182346	4.02%	0.211%
13	9.178	988	994	1000	rVV	292603	544903	12.02%	0.629%
14	9.237	1000	1004	1009	rVB	83068	130241	2.87%	0.150%
15	9.372	1016	1027	1032	rBV9	62327	158159	3.49%	0.183%
16	9.707	1079	1084	1087	rVV2	68650	121058	2.67%	0.140%
17	9.743	1087	1090	1099	rVB3	66583	111794	2.47%	0.129%
18	9.901	1106	1117	1123	rBV	286618	556022	12.26%	0.642%
19	10.001	1129	1134	1142	rBV7	130474	273634	6.03%	0.316%
20	10.166	1157	1162	1166	rVV5	54799	103501	2.28%	0.120%
21	10.224	1167	1172	1177	rVV3	103401	196824	4.34%	0.227%
22	10.448	1204	1210	1217	rVB	414973	749763	16.53%	0.866%
23	10.524	1217	1223	1231	rBV3	63981	164506	3.63%	0.190%
24	10.600	1231	1236	1240	rBV8	39601	84131	1.86%	0.097%
25	10.706	1251	1254	1262	rVB5	46184	116241	2.56%	0.134%
26	10.794	1263	1269	1270	rBV3	200744	321764	7.10%	0.372%
27	10.824	1271	1274	1279	rVV	302683	625381	13.79%	0.722%
28	10.871	1279	1282	1290	rVV2	221320	453155	9.99%	0.523%
29	10.953	1290	1296	1305	rVB6	89247	264763	5.84%	0.306%
30	11.241	1340	1345	1351	rVV4	95592	229900	5.07%	0.266%
31	11.311	1353	1357	1363	rVB3	160961	277340	6.12%	0.320%
32	11.488	1383	1387	1393	rBV7	78671	206655	4.56%	0.239%
33	11.652	1410	1415	1419	rBV6	100566	181960	4.01%	0.210%
34	11.740	1425	1430	1437	rBV4	120269	279558	6.17%	0.323%

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35	11.846	1444	1448	1449	rBV2	87663	111281	2.45%	0.129%
36	11.875	1450	1453	1457	rVV2	170055	258270	5.70%	0.298%
37	11.928	1458	1462	1467	rVB3	151039	259212	5.72%	0.299%
38	12.010	1473	1476	1483	rVB6	131452	205541	4.53%	0.237%
39	12.104	1489	1492	1496	rVB3	163330	216467	4.77%	0.250%
40	12.146	1496	1499	1504	rVB	131120	173467	3.83%	0.200%
41	12.234	1510	1514	1517	rBV3	191140	250391	5.52%	0.289%
42	12.281	1518	1522	1525	rBV5	90045	170051	3.75%	0.196%
43	12.480	1552	1556	1562	rVB	737640	1245390	27.47%	1.439%
44	12.569	1564	1571	1579	rBV7	134804	499524	11.02%	0.577%
45	12.698	1587	1593	1603	rVB3	457319	1028202	22.68%	1.188%
46	12.780	1604	1607	1610	rBV2	112722	164567	3.63%	0.190%
47	12.862	1618	1621	1625	rBV4	123252	168845	3.72%	0.195%
48	13.180	1672	1675	1681	rVB6	220762	377360	8.32%	0.436%
49	13.468	1720	1724	1731	rVB4	333786	568860	12.55%	0.657%
50	13.532	1733	1735	1739	rVV4	146969	261405	5.76%	0.302%
51	13.585	1740	1744	1750	rVB2	395939	759101	16.74%	0.877%
52	13.685	1757	1761	1763	rBV	299787	440573	9.72%	0.509%
53	13.820	1778	1784	1793	rVB	759990	2041824	45.03%	2.359%
54	13.979	1805	1811	1816	rBV	1191284	1997122	44.04%	2.307%
55	14.032	1816	1820	1830	rBV3	923898	2185245	48.19%	2.524%
56	14.167	1840	1843	1846	rBV3	187206	287235	6.33%	0.332%
57	14.214	1846	1851	1862	rVB	705550	1802800	39.76%	2.083%
58	14.349	1869	1874	1877	rBV	748133	1200152	26.47%	1.386%
59	14.484	1894	1897	1903	rVB4	327394	509550	11.24%	0.589%
60	14.543	1904	1907	1910	rBV2	167276	240027	5.29%	0.277%
61	14.654	1923	1926	1931	rVB2	597425	854418	18.84%	0.987%
62	14.778	1944	1947	1956	rVB	323319	563077	12.42%	0.650%
63	14.866	1957	1962	1970	rVB2	869869	1935711	42.69%	2.236%
64	14.942	1973	1975	1979	rVB3	254970	304036	6.71%	0.351%
65	15.054	1988	1994	2001	rVB	1355422	2222490	49.01%	2.567%
66	15.130	2003	2007	2011	rVB	1167548	1577435	34.79%	1.822%
67	15.277	2026	2032	2036	rBV	1279402	2248971	49.60%	2.598%
68	15.324	2036	2040	2044	rVB	907139	1296881	28.60%	1.498%
69	15.448	2054	2061	2063	rBV2	823235	1541287	33.99%	1.780%
70	15.477	2064	2066	2071	rVB2	680278	869463	19.17%	1.004%
71	15.647	2092	2095	2100	rBV2	585746	890758	19.64%	1.029%

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72	15.694	2100	2103	2107	rVB2	458216	592094	13.06%	0.684%
73	15.747	2108	2112	2116	rBV3	386228	661321	14.58%	0.764%
74	15.912	2136	2140	2147	rVB2	880208	1590699	35.08%	1.838%
75	15.988	2148	2153	2156	rBV4	396537	903902	19.93%	1.044%
76	16.112	2172	2174	2177	rBV	285291	302129	6.66%	0.349%
77	16.153	2177	2181	2187	rBV2	532948	830270	18.31%	0.959%
78	16.211	2189	2191	2195	rVB	351884	399723	8.82%	0.462%
79	16.376	2213	2219	2232	rVB2	2272905	4534424	100.00%	5.238%
80	16.517	2238	2243	2247	rBV	1067755	1741461	38.41%	2.012%
81	16.634	2259	2263	2268	rBV3	332550	876133	19.32%	1.012%
82	17.063	2332	2336	2341	rBV3	727577	1233257	27.20%	1.425%
83	17.204	2357	2360	2371	rVB6	1035875	2572486	56.73%	2.972%
84	17.451	2398	2402	2407	rBV	1059509	1607913	35.46%	1.857%
85	17.504	2408	2411	2419	rVB	1031164	1537942	33.92%	1.777%
86	17.810	2460	2463	2468	rBV4	534558	798096	17.60%	0.922%
87	17.892	2474	2477	2481	rVB2	934871	1157089	25.52%	1.337%
88	18.285	2540	2544	2549	rBV	1235921	2610614	57.57%	3.016%
89	18.332	2549	2552	2557	rVB2	1776402	2669690	58.88%	3.084%
90	18.473	2572	2576	2580	rBV2	1163116	1591766	35.10%	1.839%
91	18.515	2581	2583	2589	rVB	859915	1205125	26.58%	1.392%
92	18.579	2591	2594	2600	rBV2	617619	1219309	26.89%	1.409%
93	18.679	2607	2611	2615	rBV2	822568	1188737	26.22%	1.373%
94	18.779	2626	2628	2633	rBV3	489975	706243	15.58%	0.816%
95	19.085	2676	2680	2683	rBV	787484	1116463	24.62%	1.290%
96	19.202	2696	2700	2705	rBV	2504996	3891425	85.82%	4.495%
97	19.296	2713	2716	2719	rVB2	824389	957962	21.13%	1.107%
98	19.795	2797	2801	2804	rBV2	1065712	1876345	41.38%	2.168%
99	19.831	2804	2807	2814	rVV2	1554119	2610284	57.57%	3.015%
100	19.901	2815	2819	2823	rVB	1410517	2126934	46.91%	2.457%

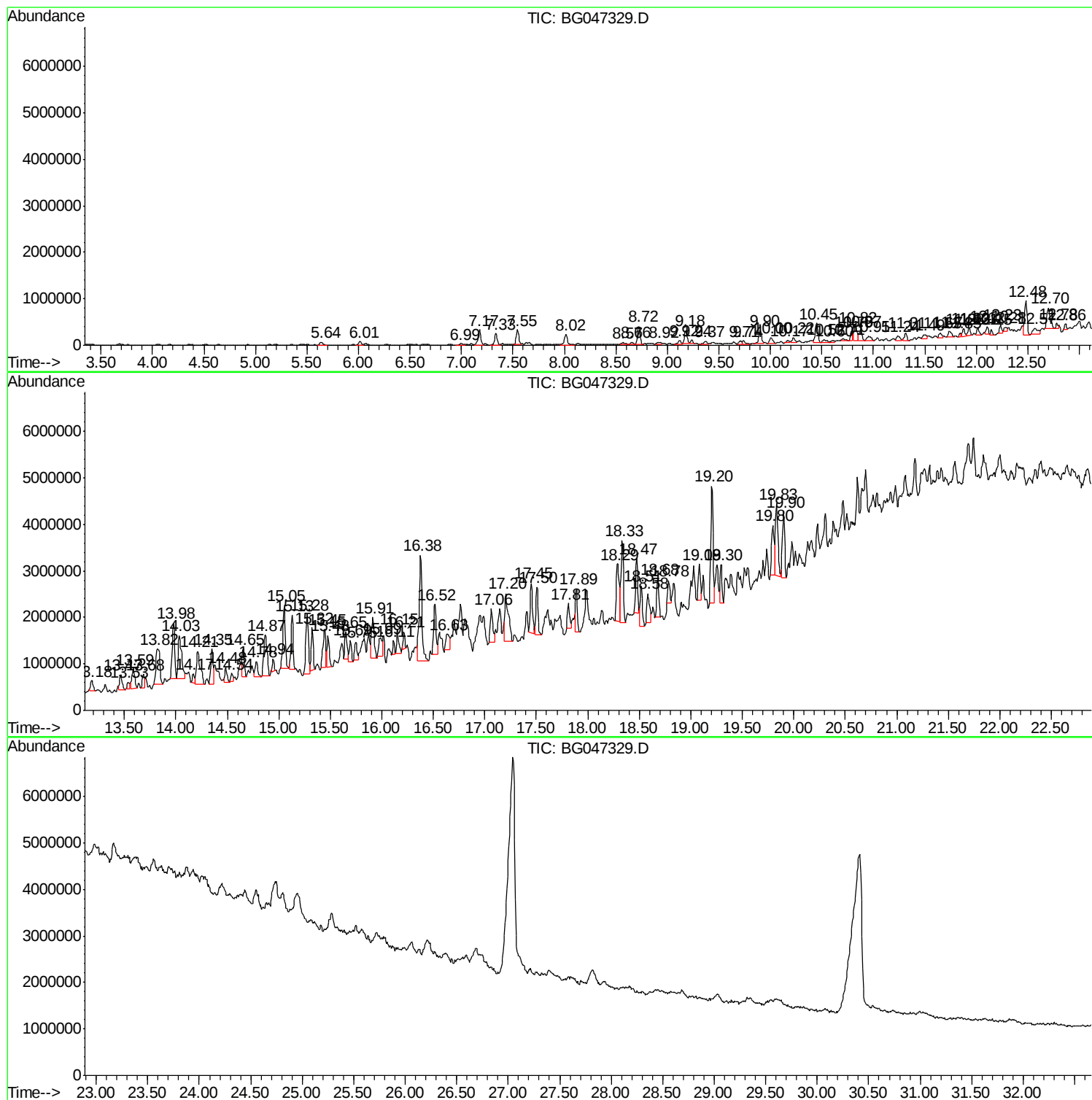
Sum of corrected areas: 86565387

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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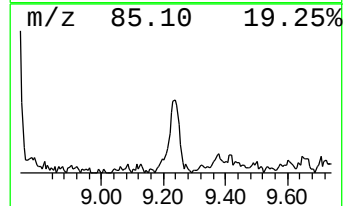
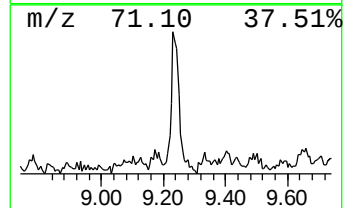
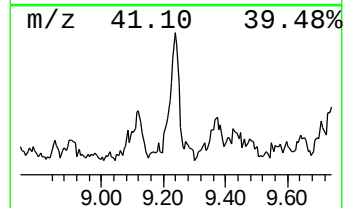
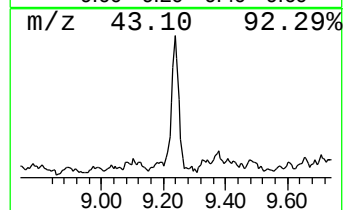
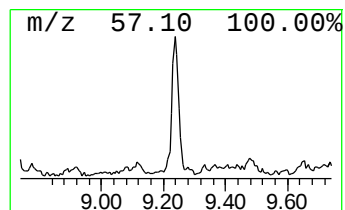
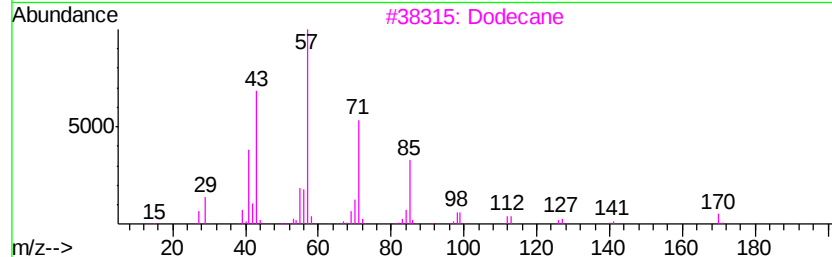
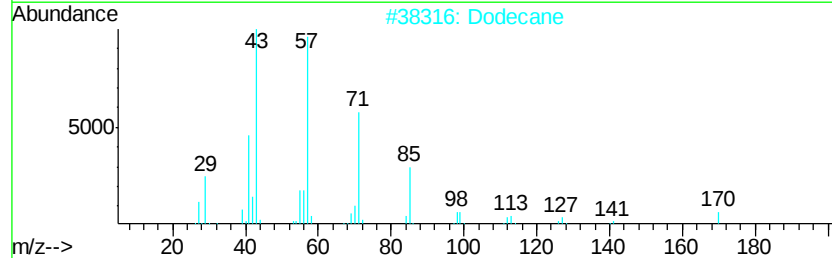
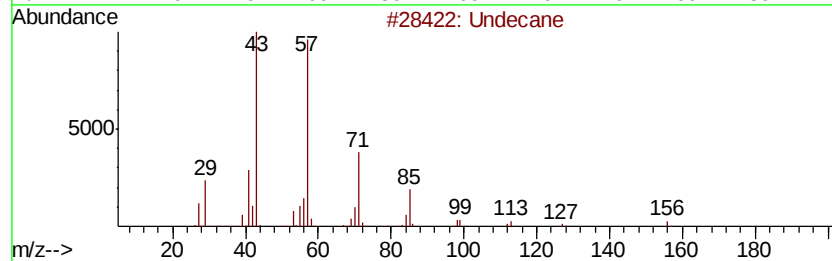
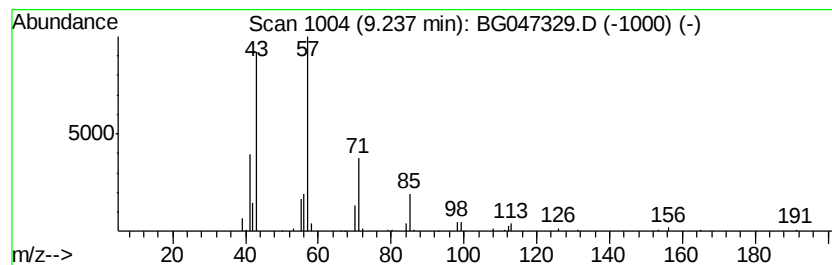
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	5.39 ng/ul	130241	1,4-Dichlorobenzene-d4	8.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	90
2	Dodecane		170	C12H26	000112-40-3	83
3	Dodecane		170	C12H26	000112-40-3	83
4	Tridecane		184	C13H28	000629-50-5	78
5	Hexadecane		226	C16H34	000544-76-3	78



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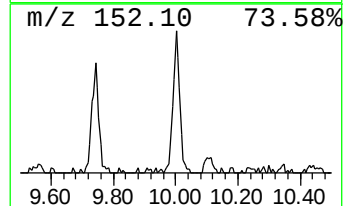
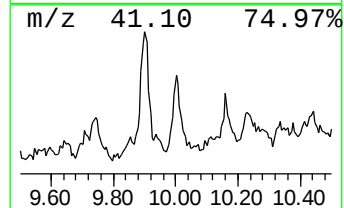
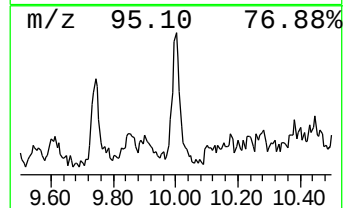
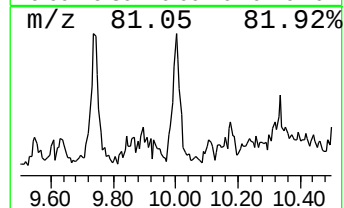
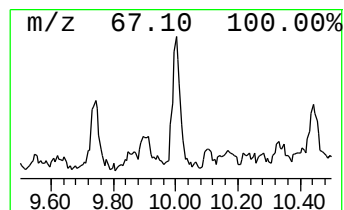
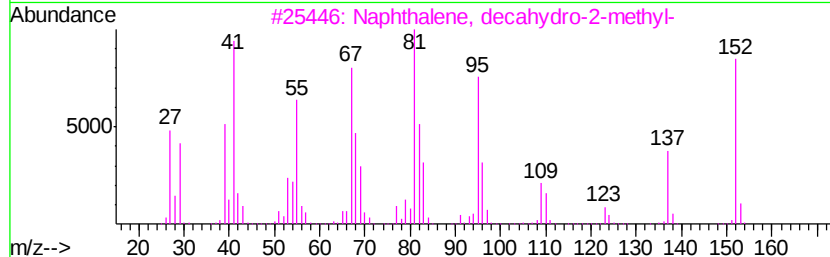
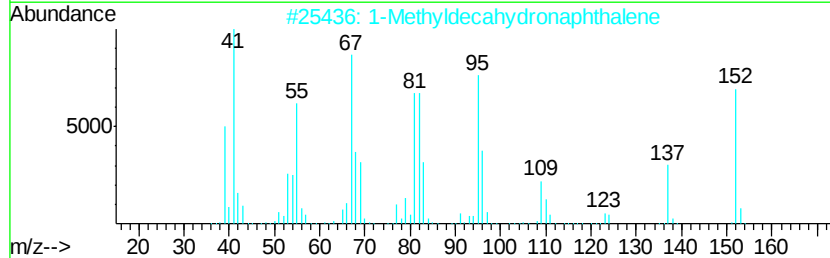
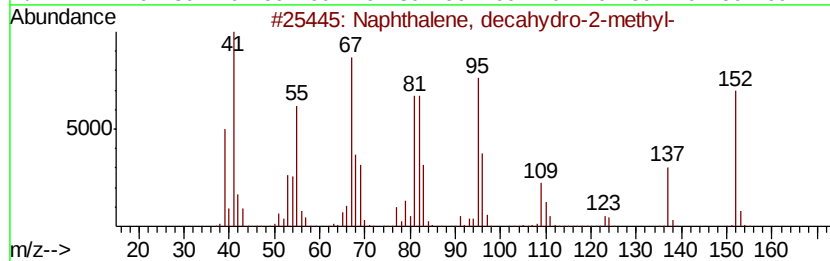
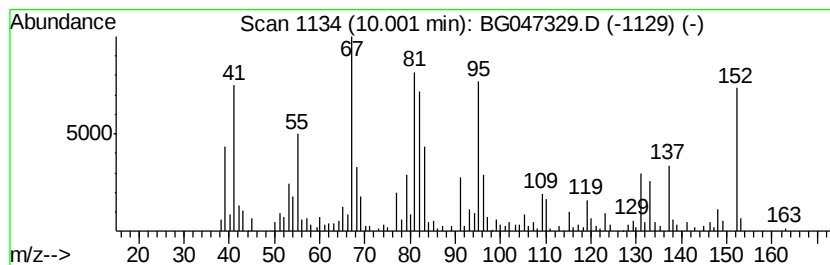
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Peak Number 12 Naphthalene, decahydro-2-me... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	8.75 ng/ul	273634	Naphthalene-d8	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	90
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	72
5		Camphor	152	C10H16O	000076-22-2	68



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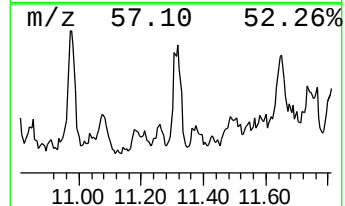
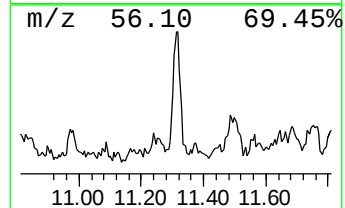
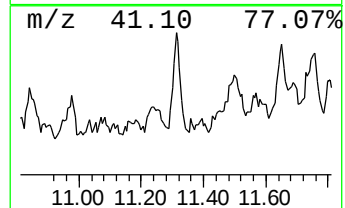
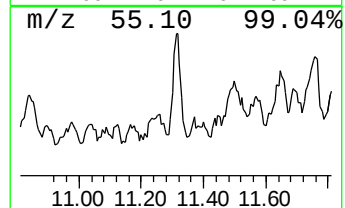
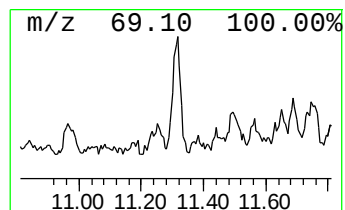
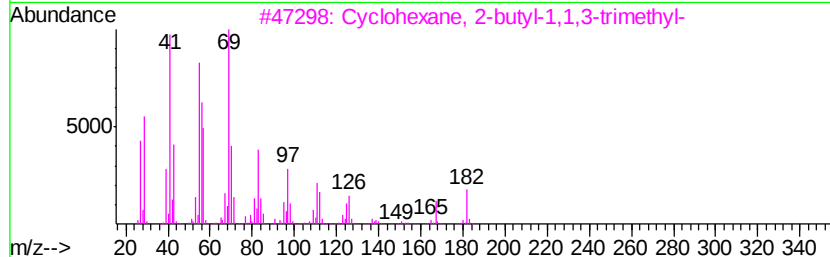
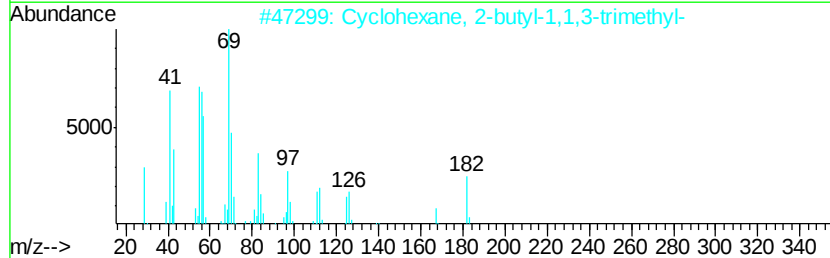
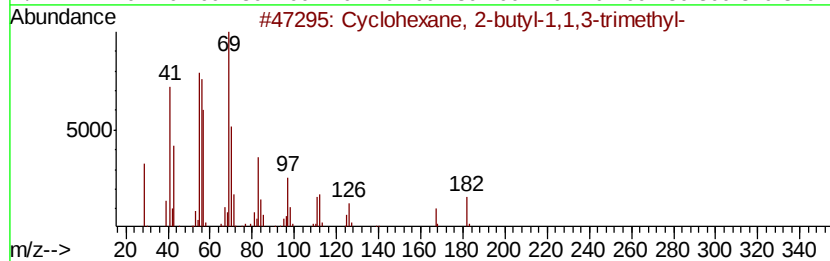
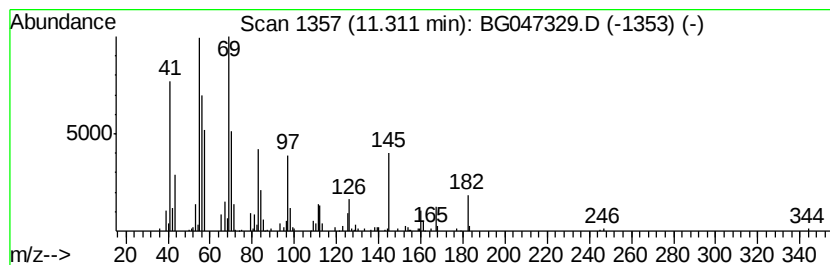
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TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic11.31 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	8.87 ng/ul	277340	Naphthalene-d8	10.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	86
2			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	83
3			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	78
4			3-HeptafluorobutYROXVTRIDECA	396	C17H27F7O2	1000245-49-5	72
5			Cyclododecane	168	C12H24	000294-62-2	50



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Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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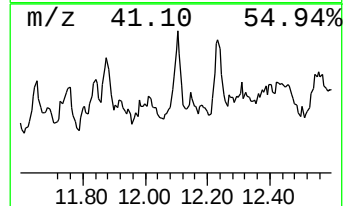
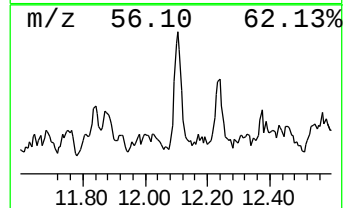
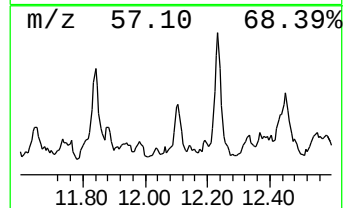
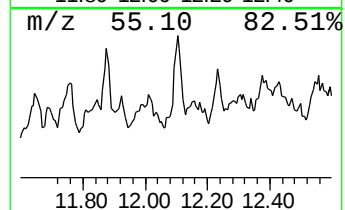
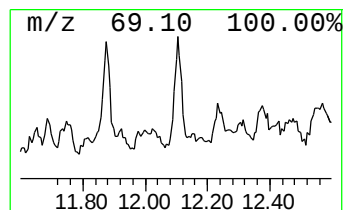
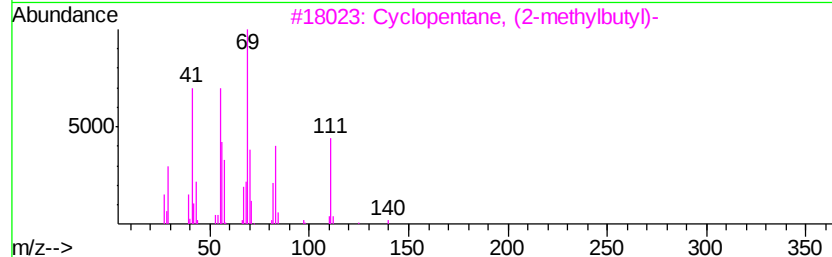
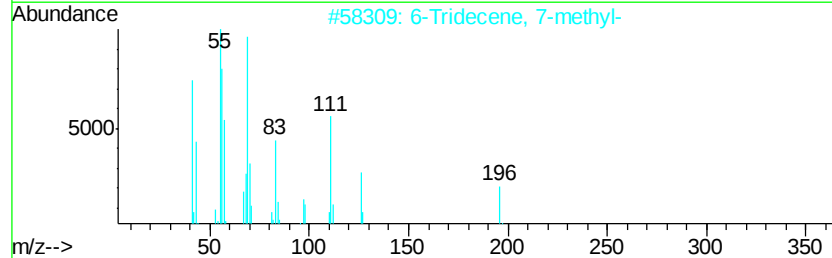
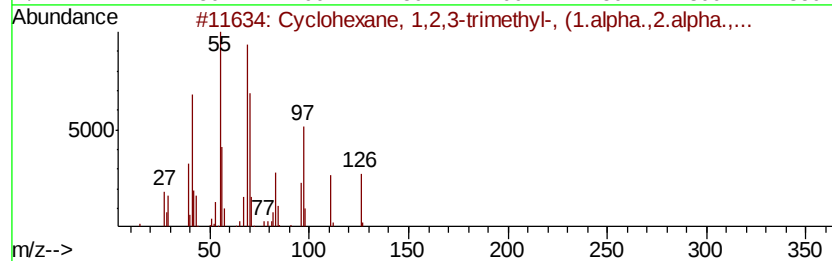
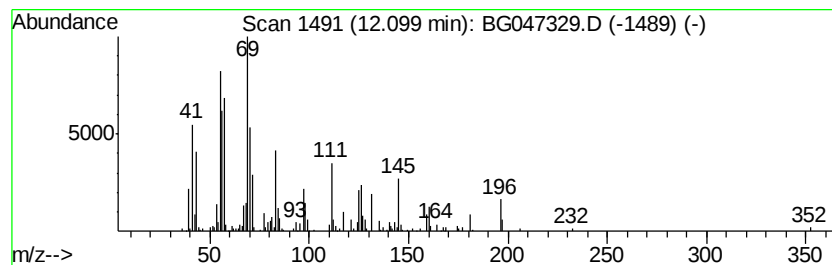
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Cyclic12.10 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	6.92 ng/ul	216467	Naphthalene-d8	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	007667-55-2	55
2		6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	51
3		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	49
4		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	49
5		6-Dodecene, (E)-	168	C12H24	007206-17-9	49



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ClientSampleId :
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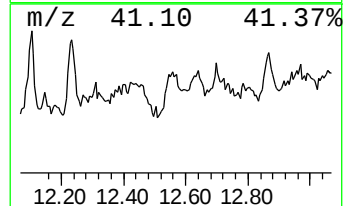
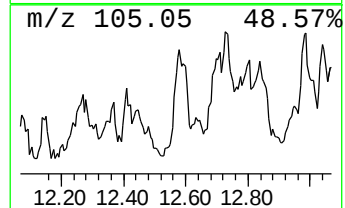
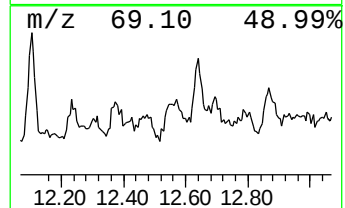
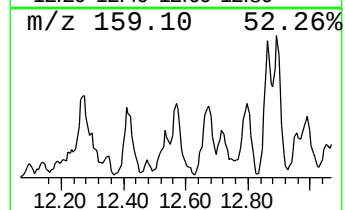
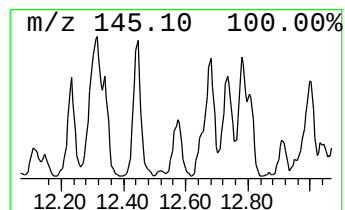
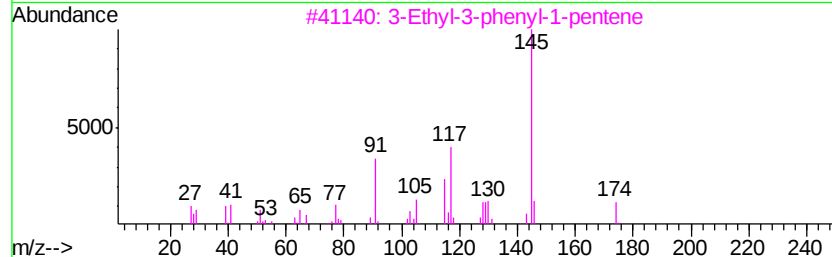
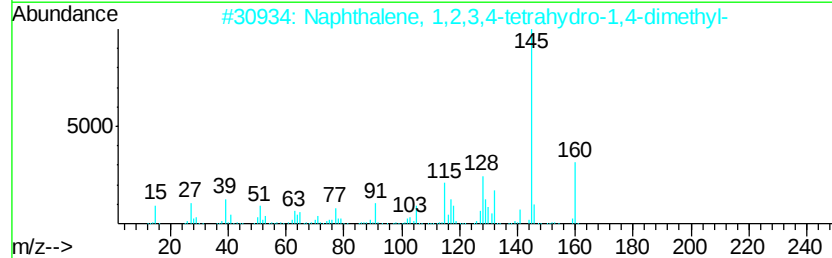
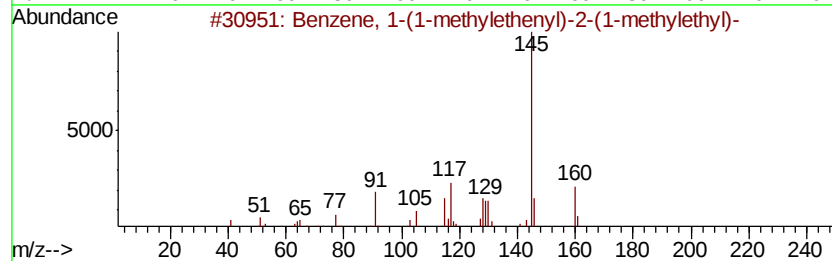
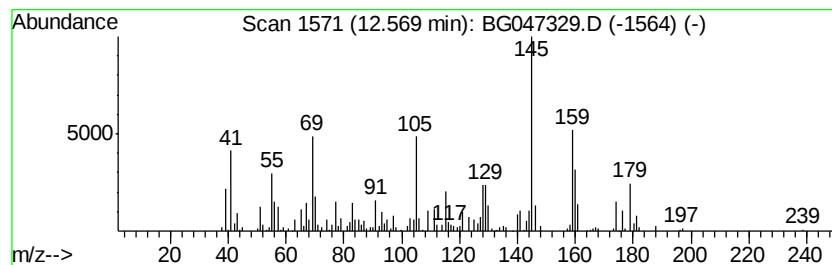
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	15.98 ng/ul	499524	Naphthalene-d8	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	46
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46
3		3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	45
4		1-Naphthalenemethanol, 1,2,3,4-t...	176	C12H16O	036052-28-5	43
5		1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	43



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Sample : L4762-03
Misc :
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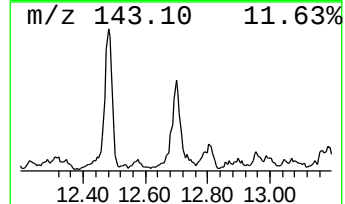
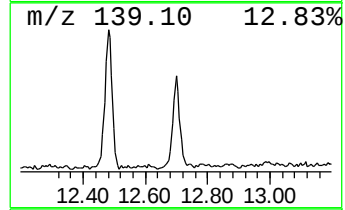
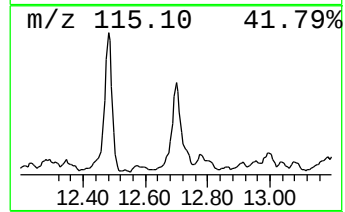
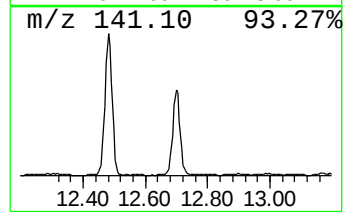
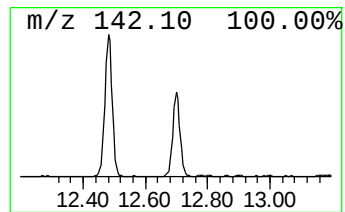
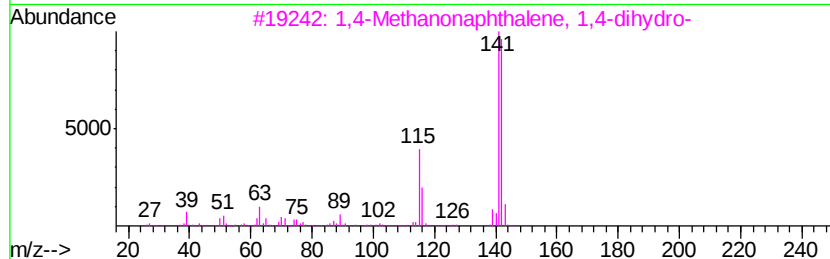
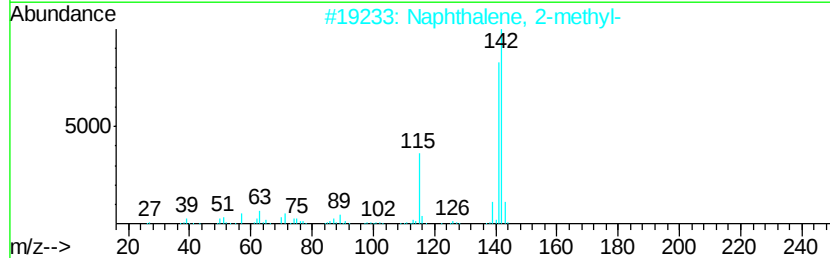
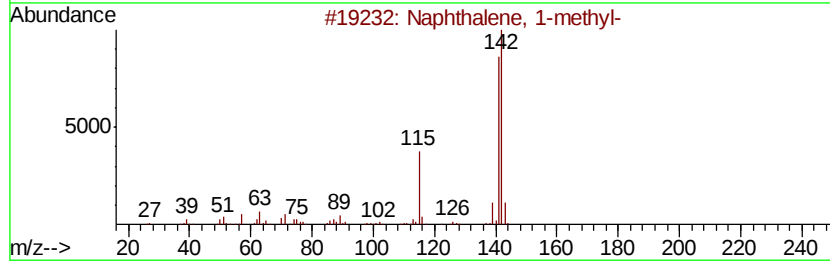
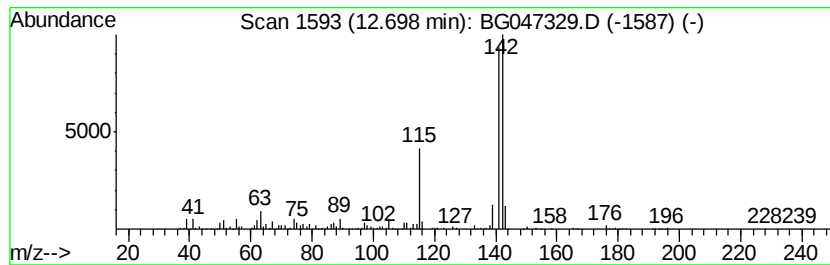
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	32.88 ng/ul	1028200	Naphthalene-d8	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
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Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

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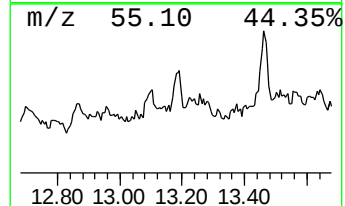
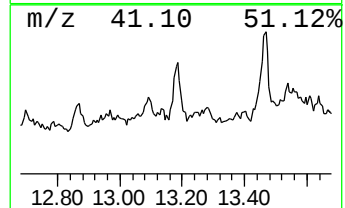
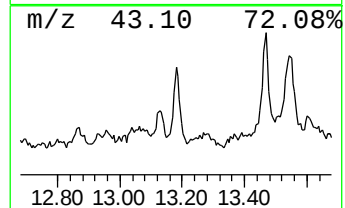
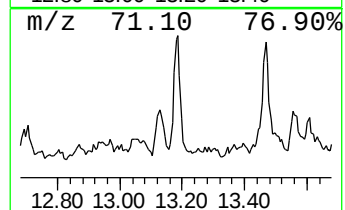
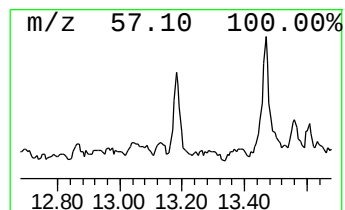
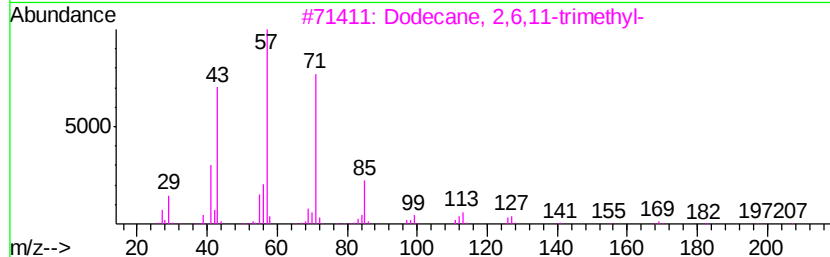
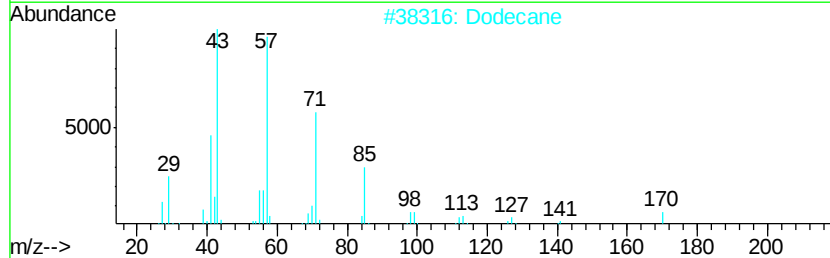
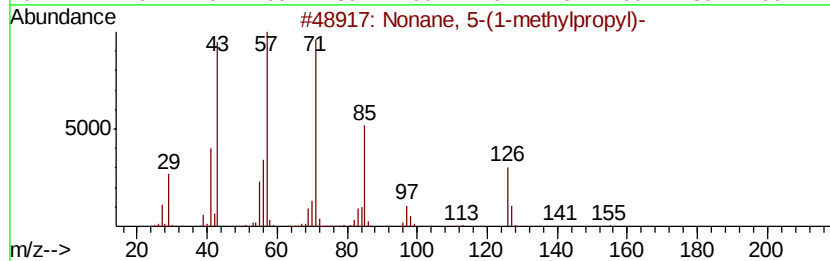
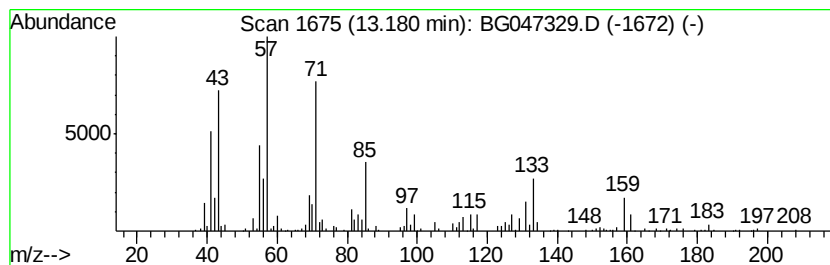
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	8.83 ng/ul	377360	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	58
2		Dodecane	170	C12H26	000112-40-3	58
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
4		Tetradecane	198	C14H30	000629-59-4	53
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
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Sample : L4762-03
Misc :
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ClientSampleId :
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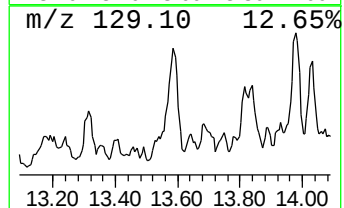
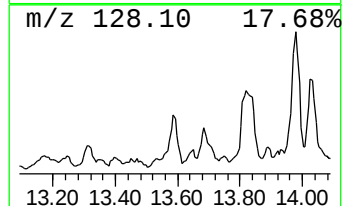
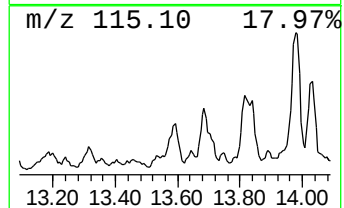
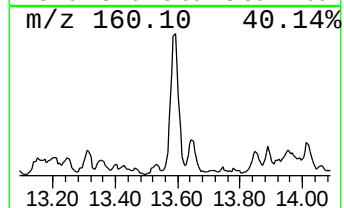
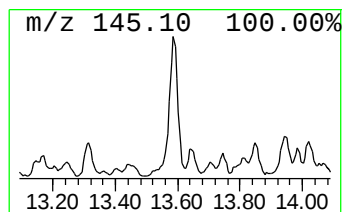
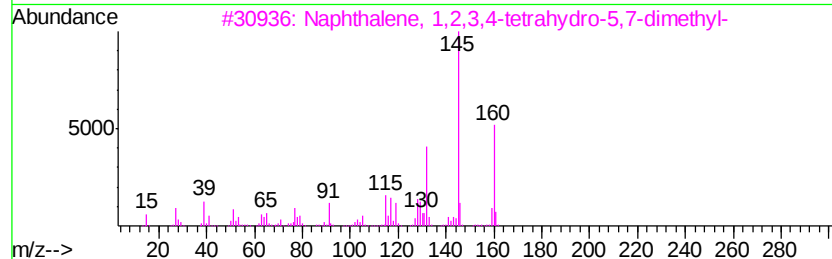
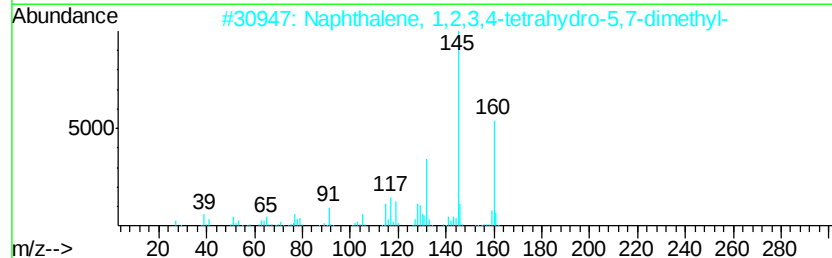
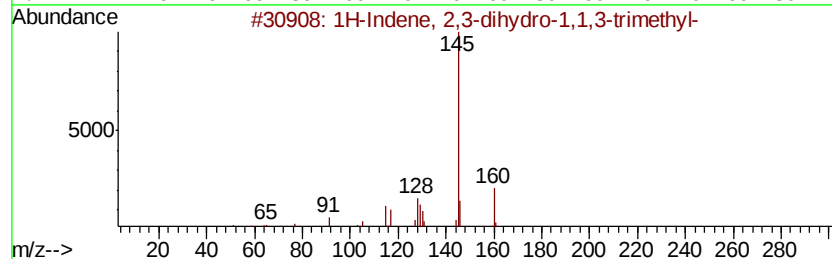
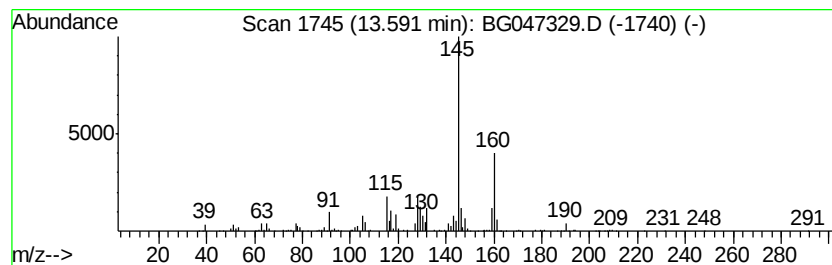
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	17.77 ng/ul	759101	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90



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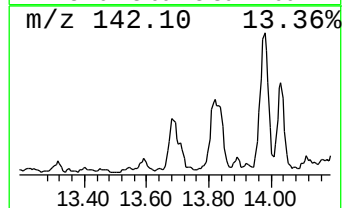
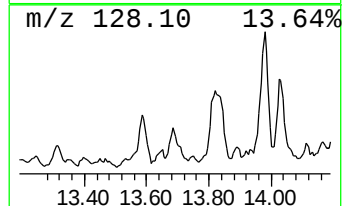
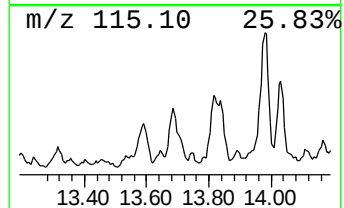
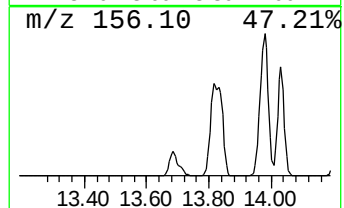
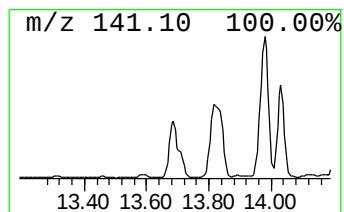
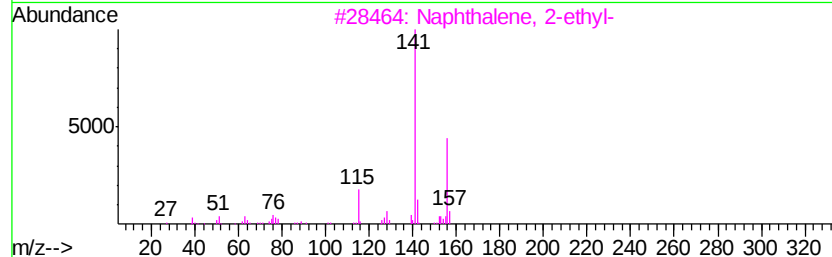
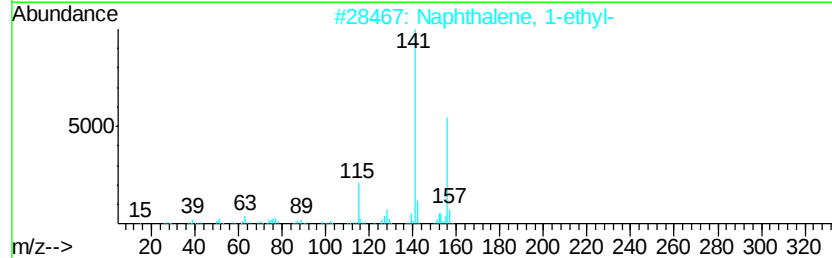
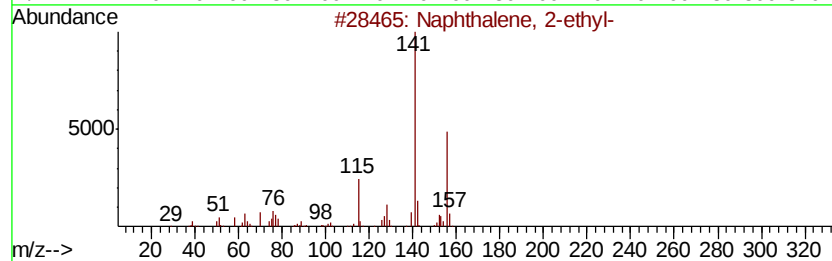
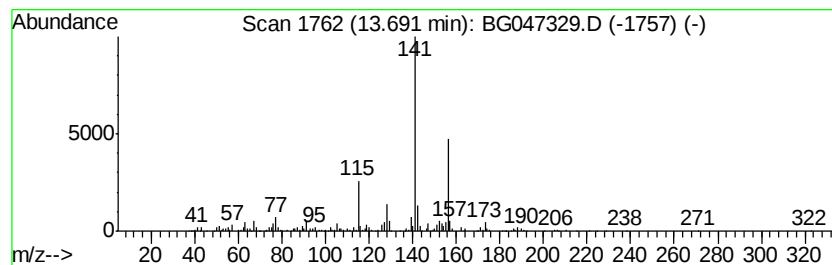
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 Naphthalene, 2-ethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	10.31 ng/ul	440573	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87



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ClientSampleId :
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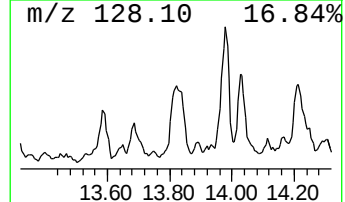
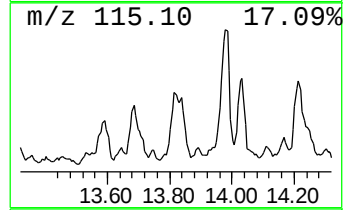
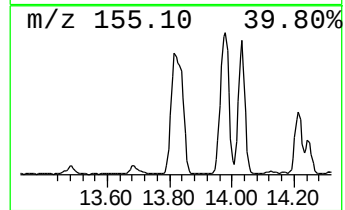
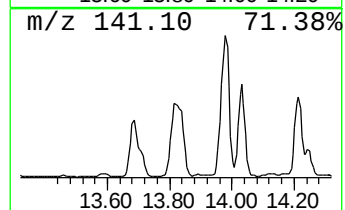
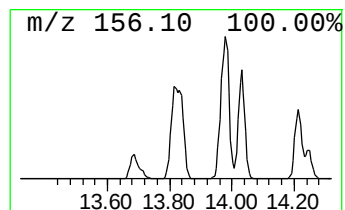
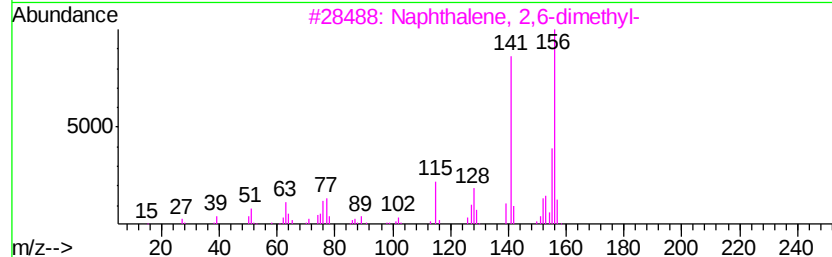
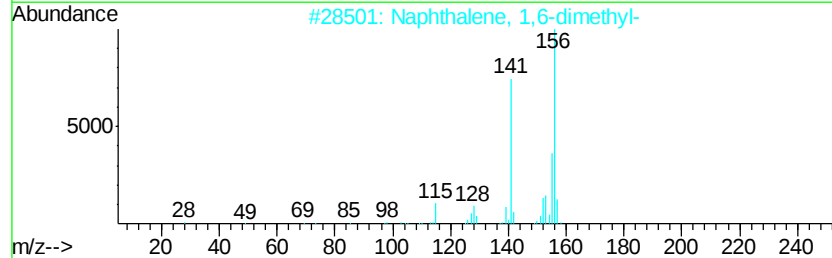
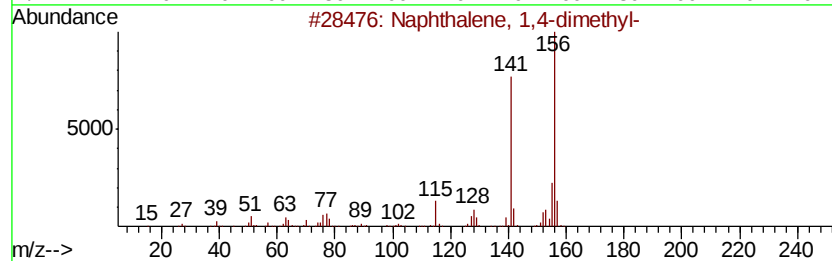
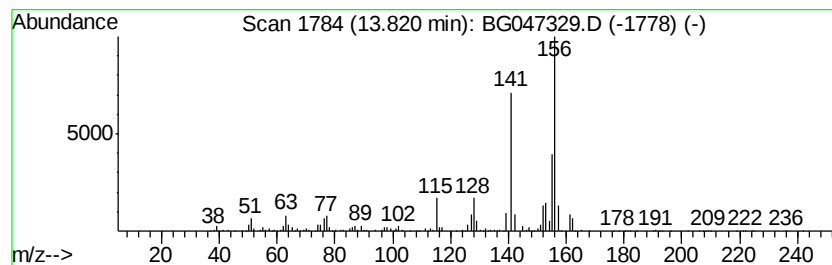
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Naphthalene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	47.79 ng/ul	2041820	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

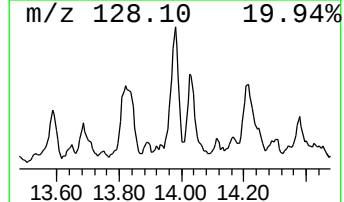
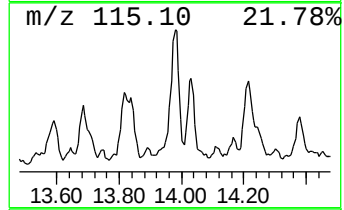
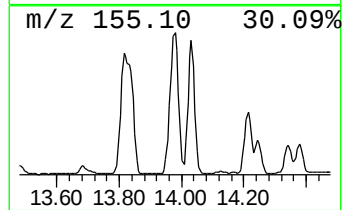
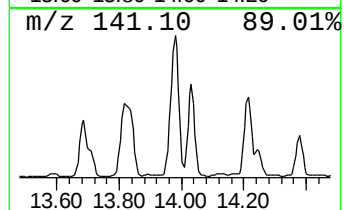
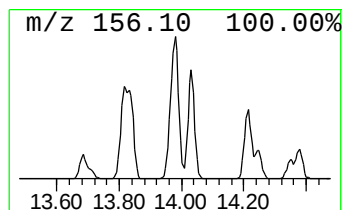
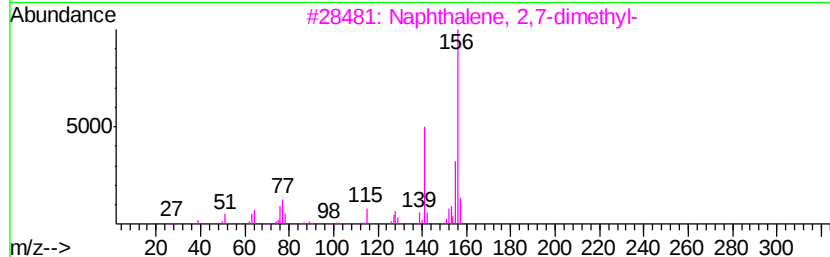
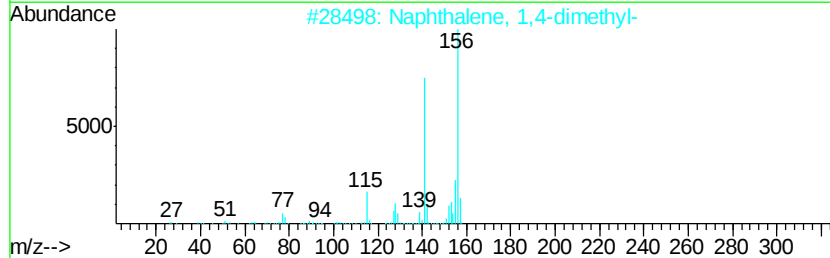
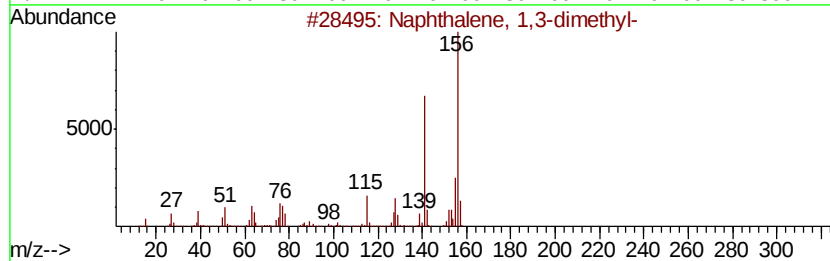
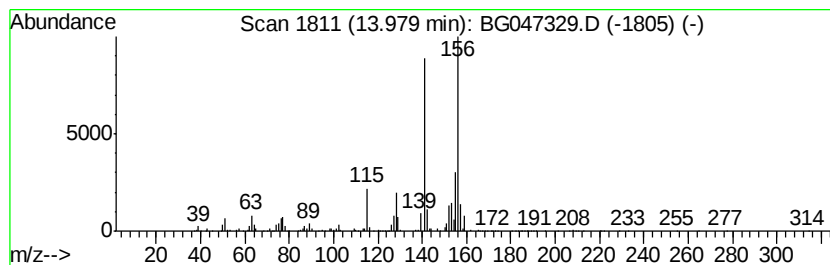
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	46.75 ng/ul	1997120	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

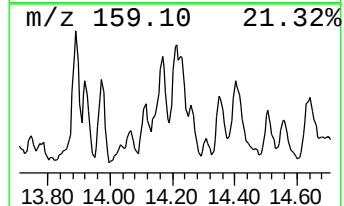
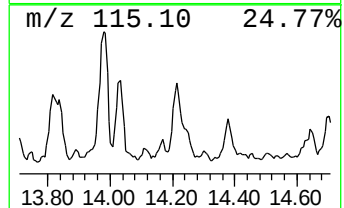
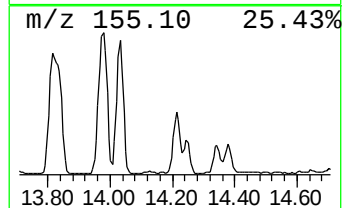
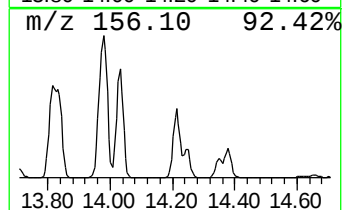
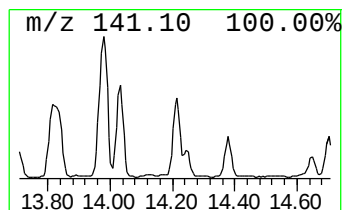
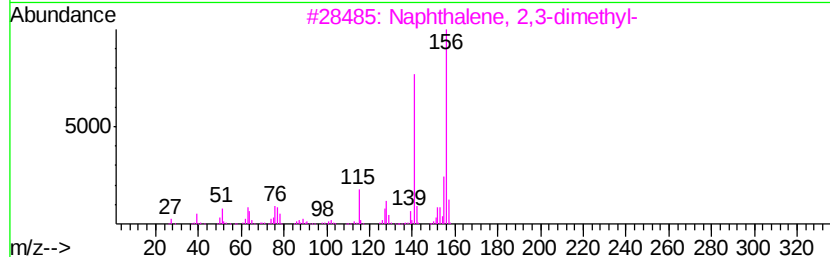
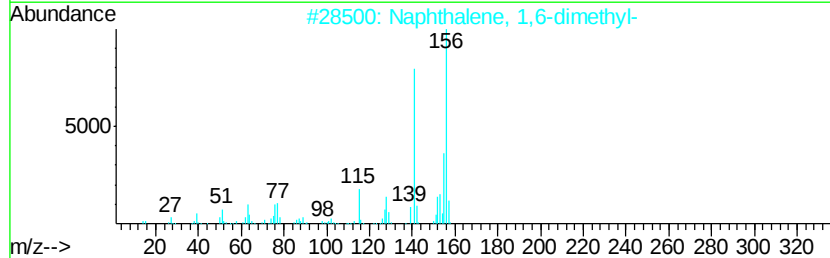
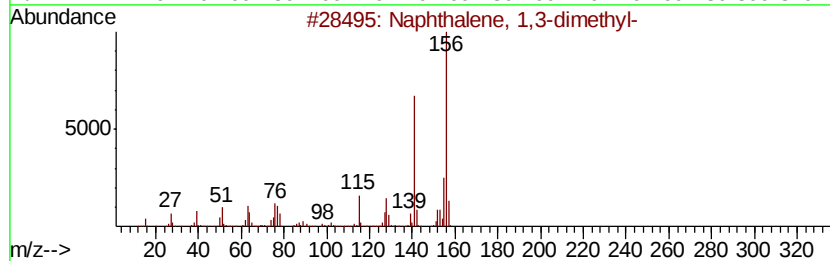
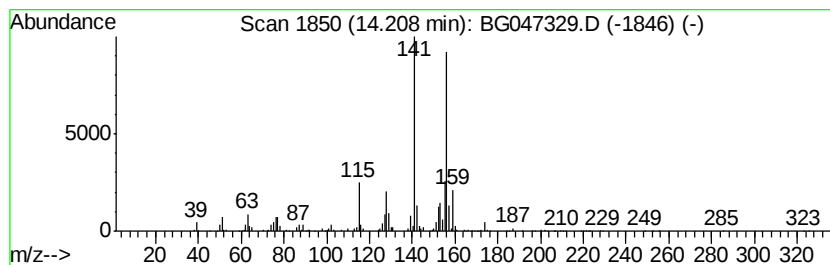
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	42.20 ng/ul	1802800	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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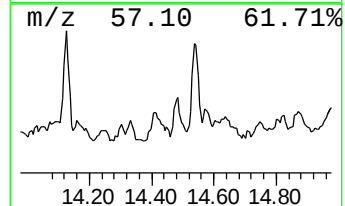
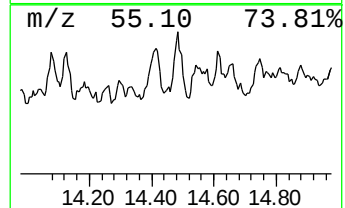
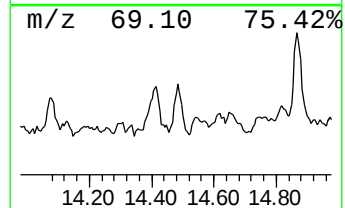
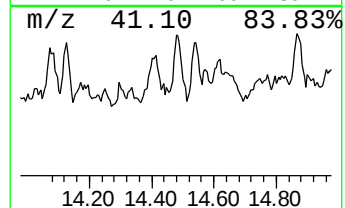
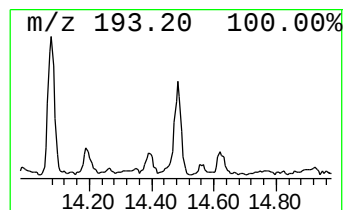
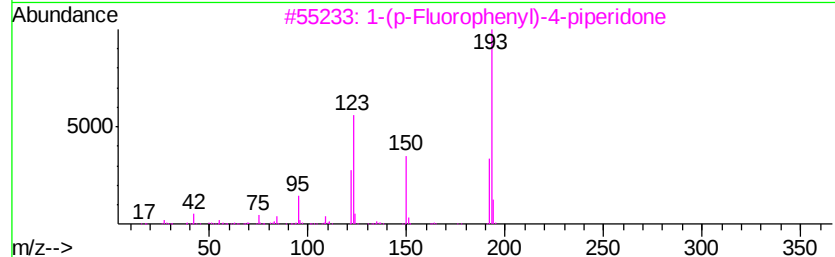
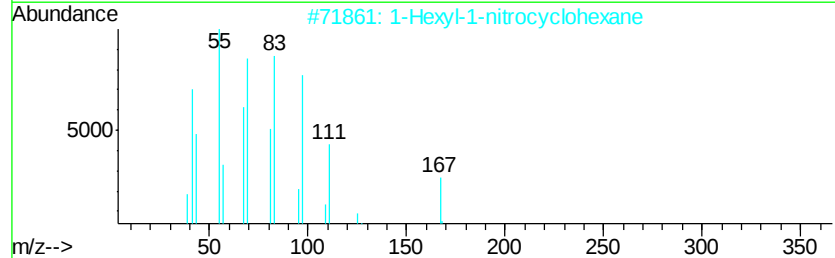
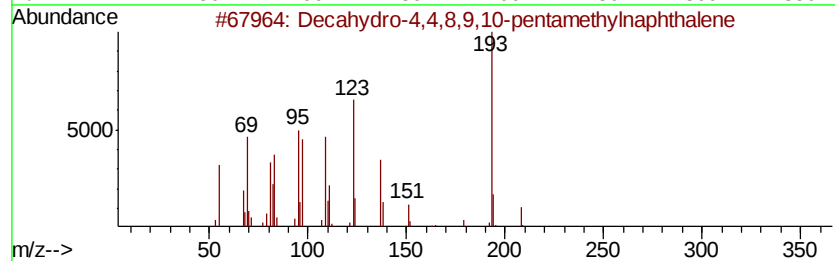
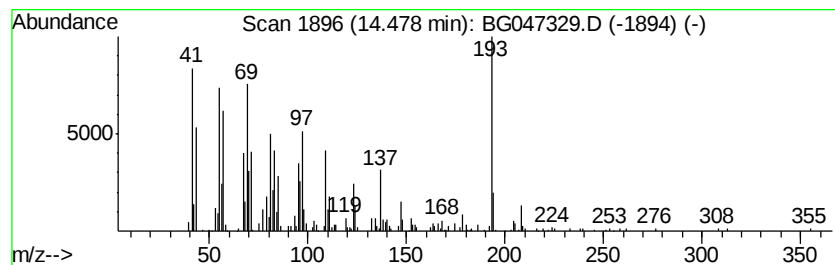
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 Decahydro-4,4,8,9,10-pentam... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	11.93 ng/ul	509550	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	62
2		1-Hexyl-1-nitrocyclohexane	213	C12H23NO2	118252-09-8	35
3		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FN0	1000238-56-7	27
4		Neopentylidenecyclohexane	152	C11H20	039546-80-0	20
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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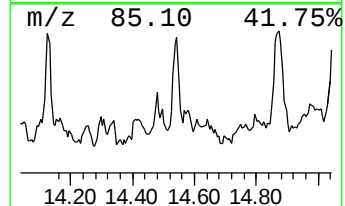
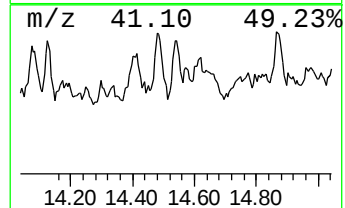
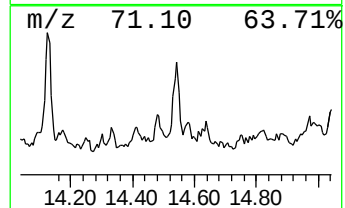
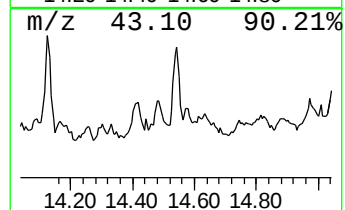
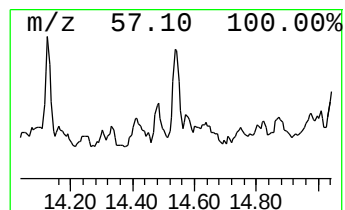
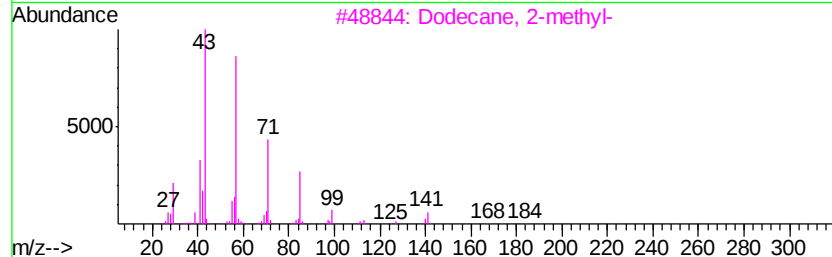
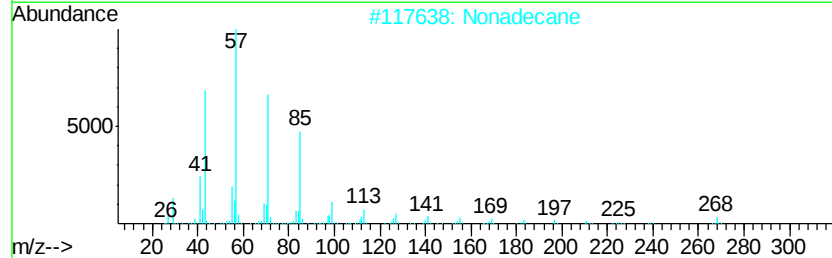
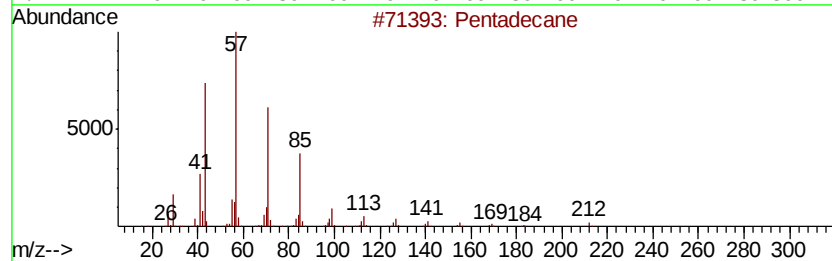
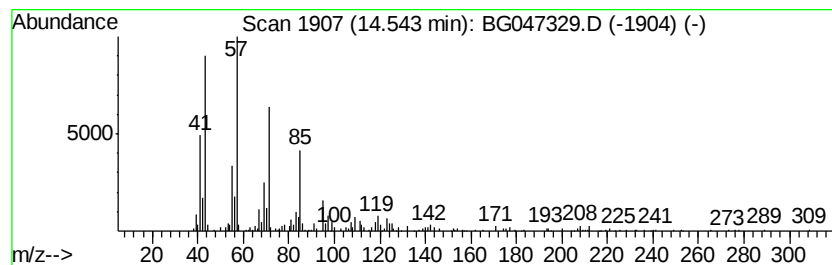
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	5.62 ng/ul	240027	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	68
2		Nonadecane	268	C19H40	000629-92-5	59
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52
5		Octane, 4-methyl-	128	C9H20	002216-34-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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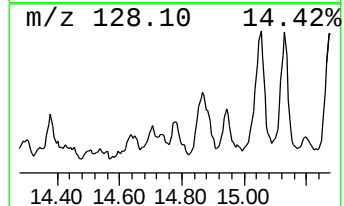
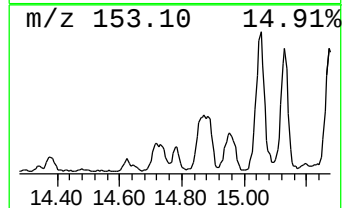
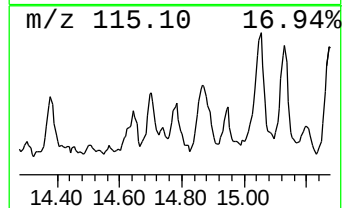
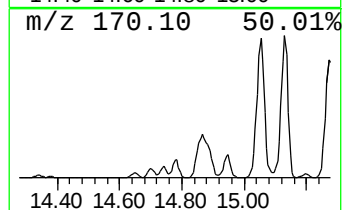
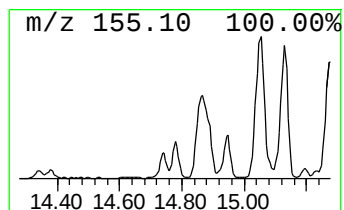
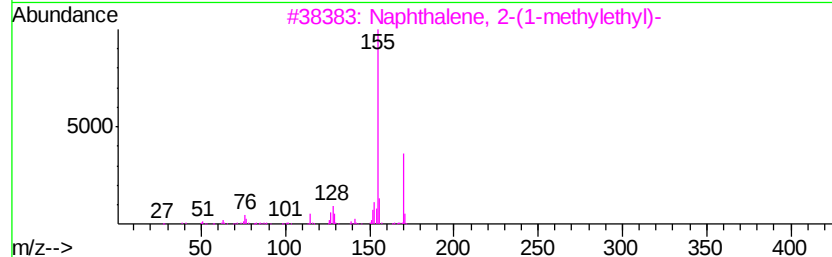
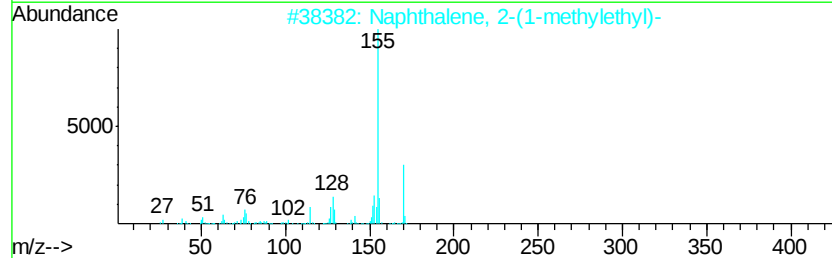
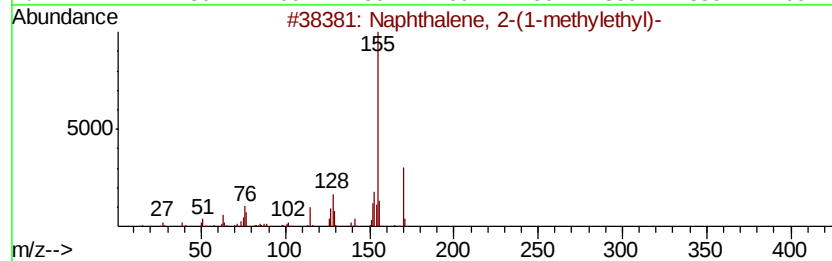
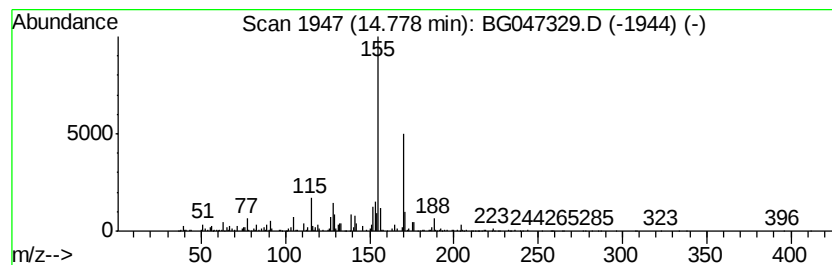
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 Naphthalene, 2-(1-methylethyl) Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	13.18 ng/ul	563077	Acenaphthene-d10	14.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
5			Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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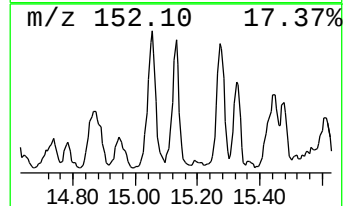
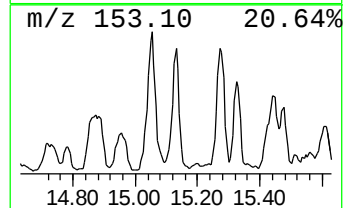
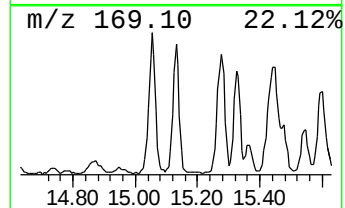
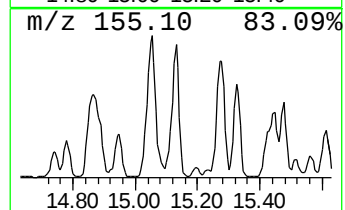
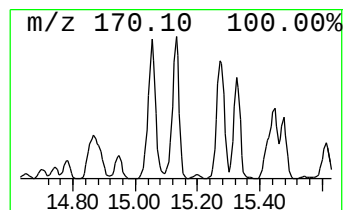
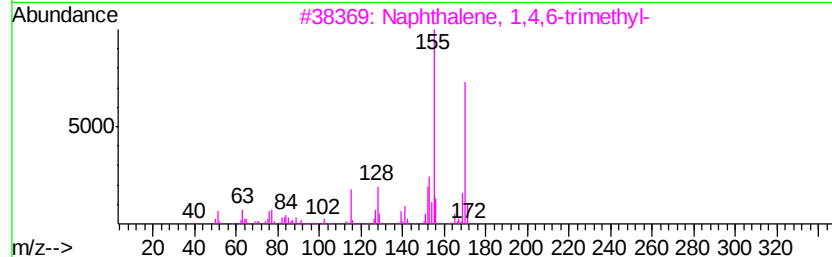
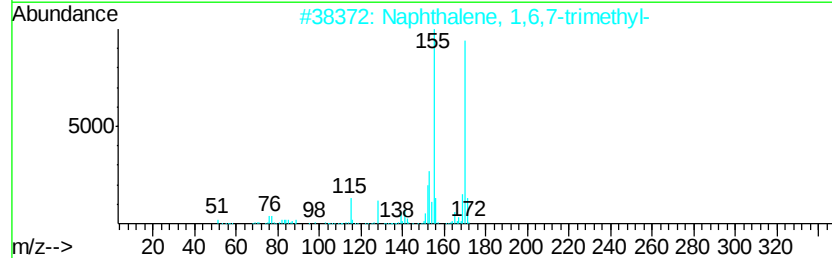
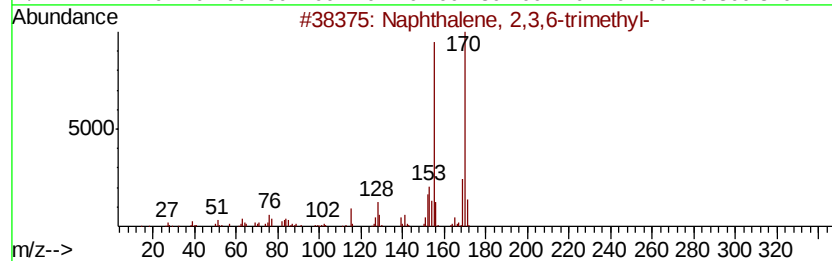
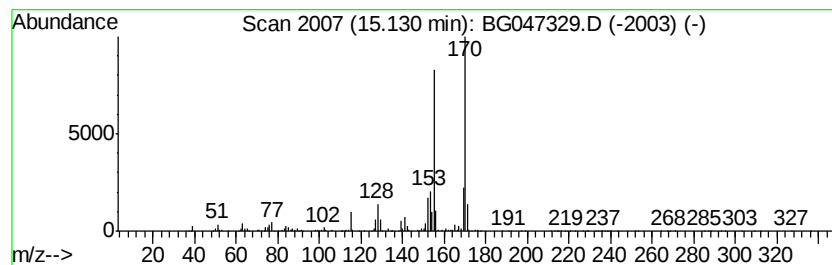
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	36.92 ng/ul	1577440	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

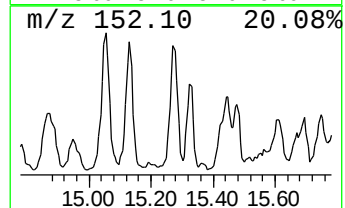
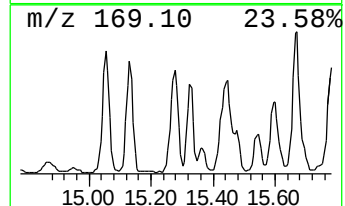
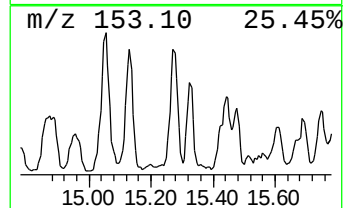
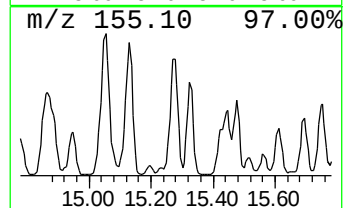
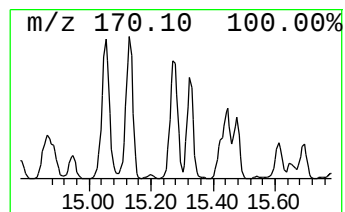
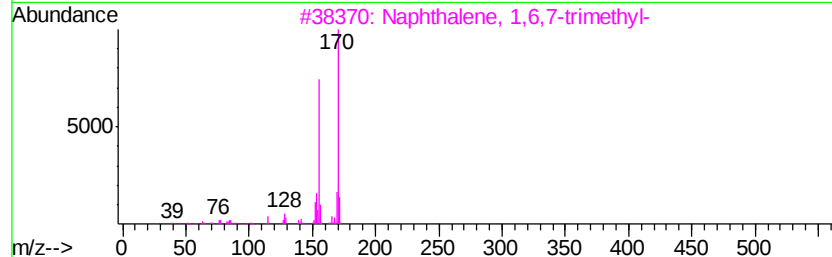
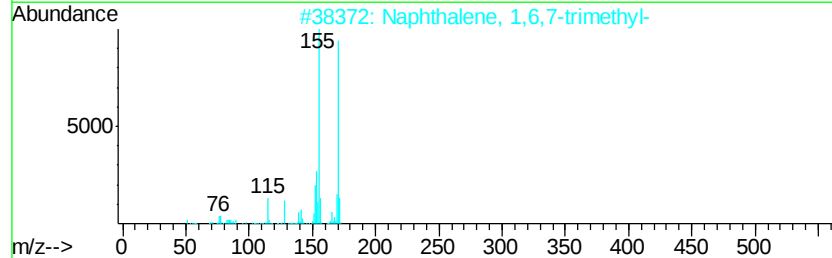
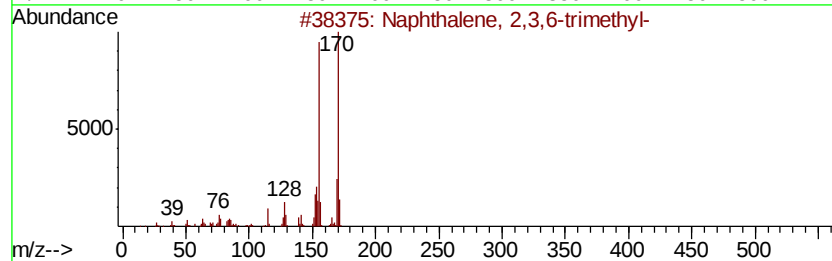
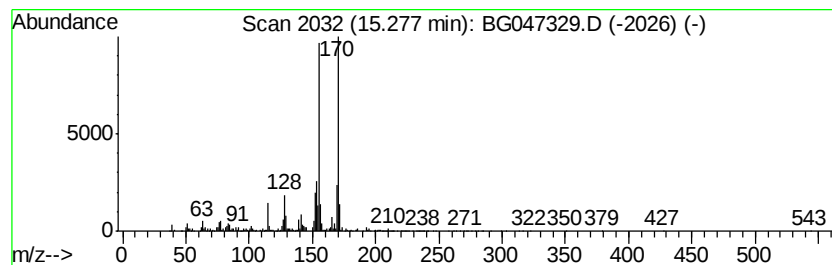
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 Naphthalene, 1,6,7-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	52.64 ng/ul	2248970	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

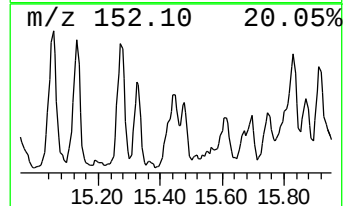
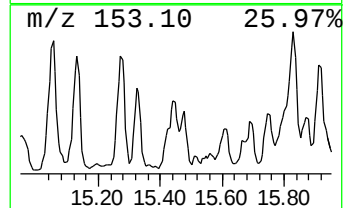
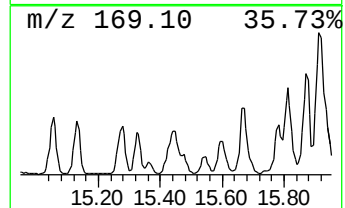
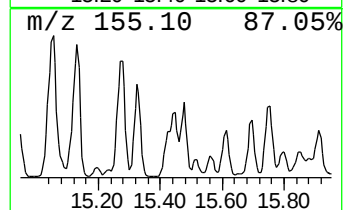
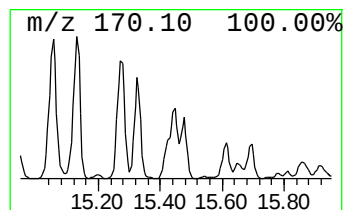
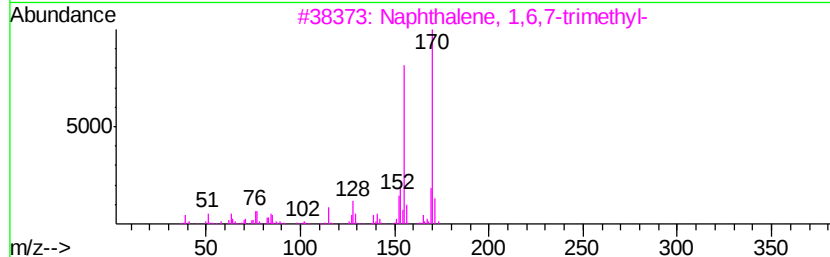
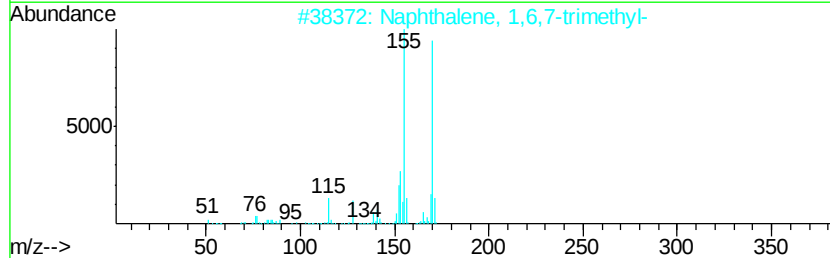
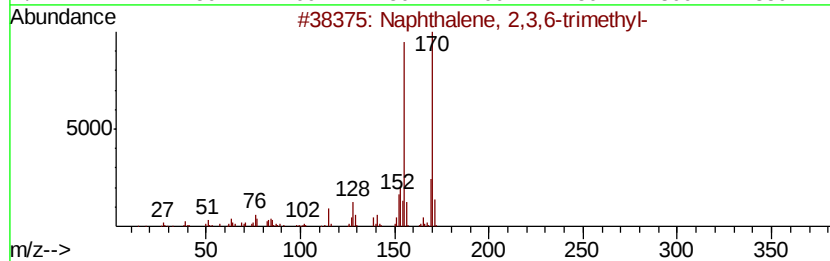
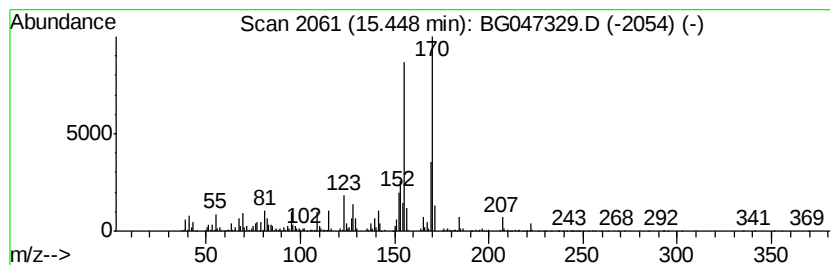
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Naphthalene, 1,4,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	36.08 ng/ul	1541290	Acenaphthene-d10	14.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

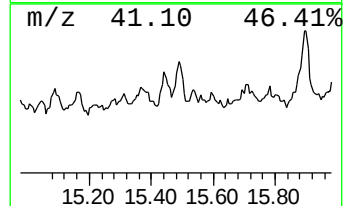
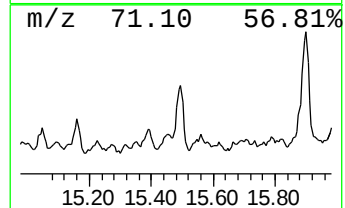
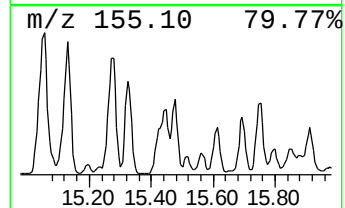
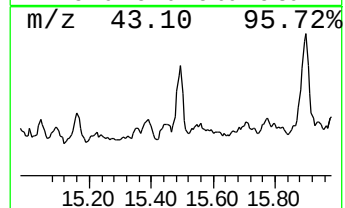
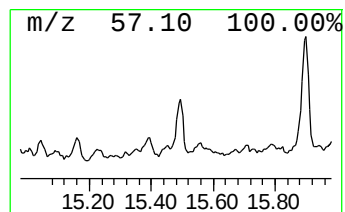
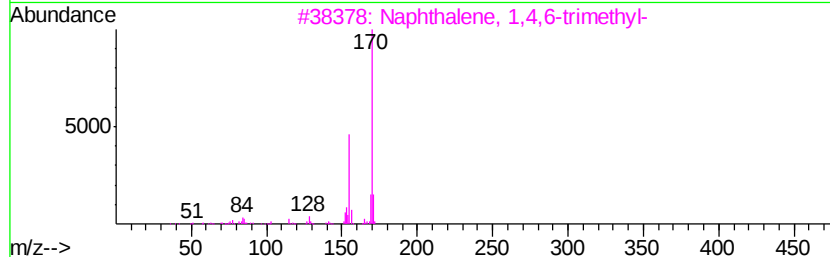
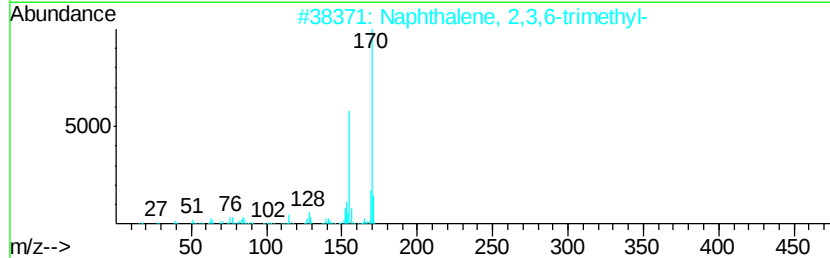
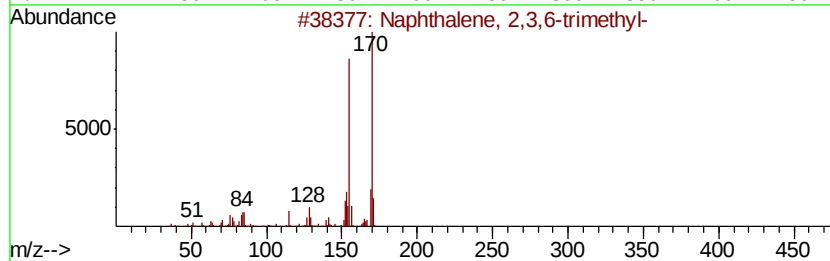
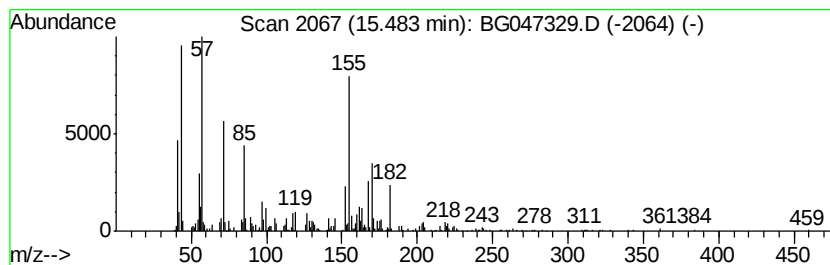
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	20.35 ng/ul	869463	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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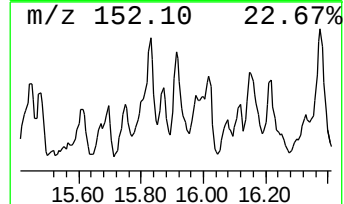
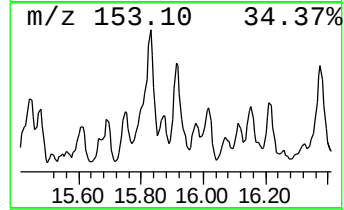
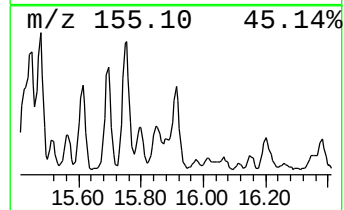
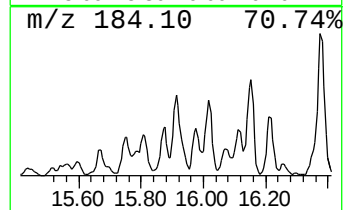
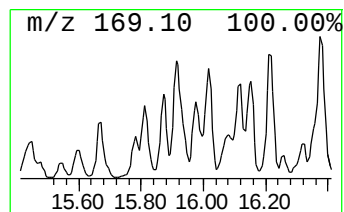
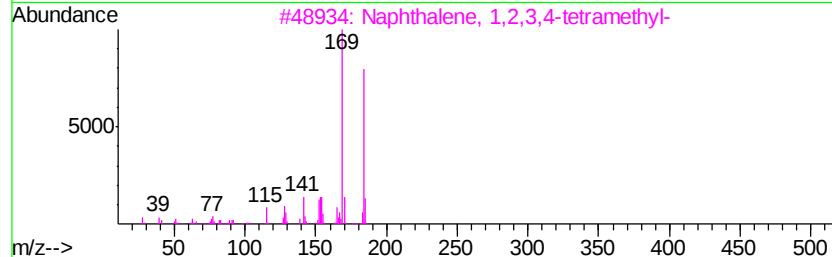
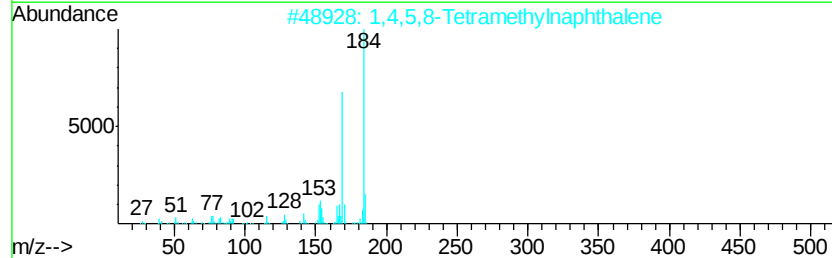
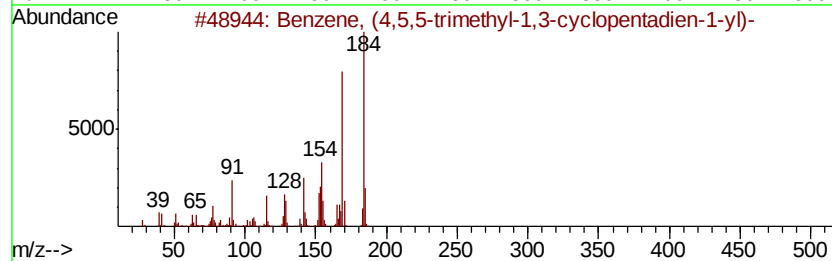
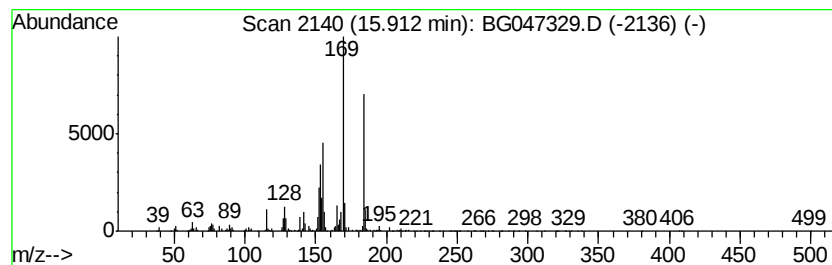
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 Benzene, (4,5,5-trimethyl-1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	37.23 ng/ul	1590700	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (4,5,5-trimethyl-1,3-cv...	184	C14H16	033930-85-7	81
2		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	76
3		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	70
4		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64
5		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
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Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampled :
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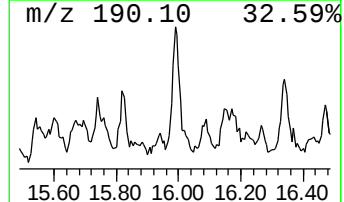
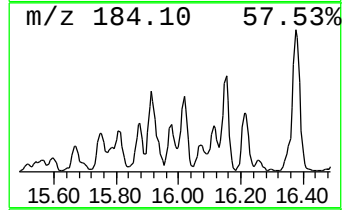
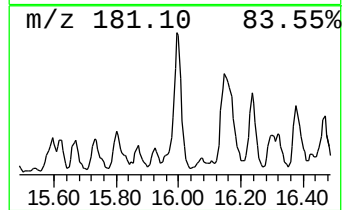
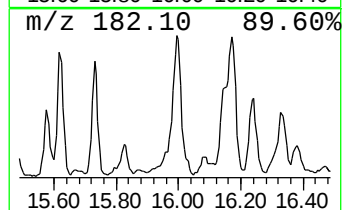
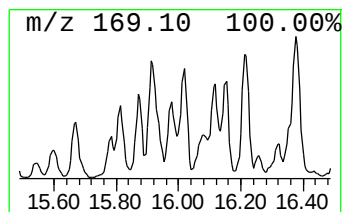
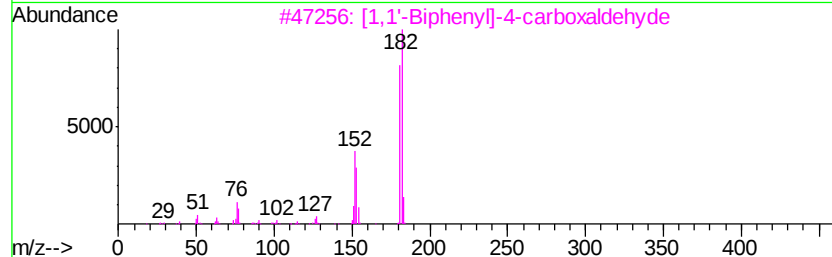
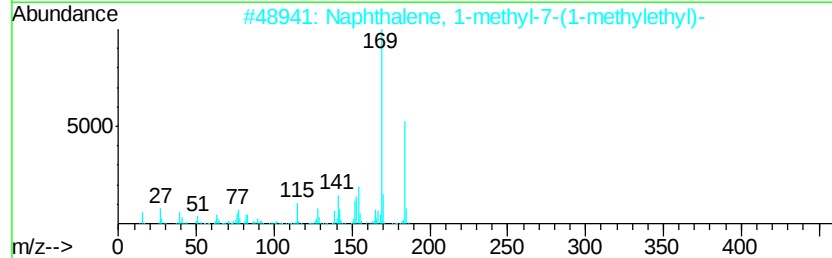
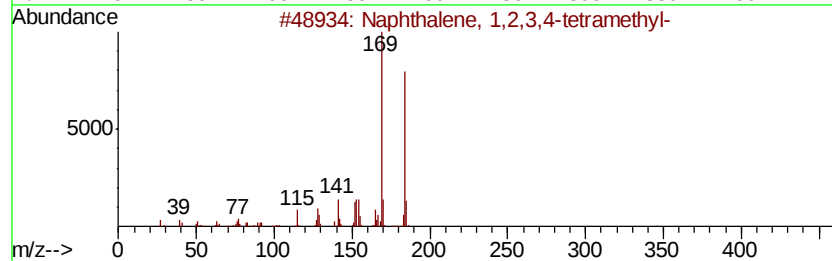
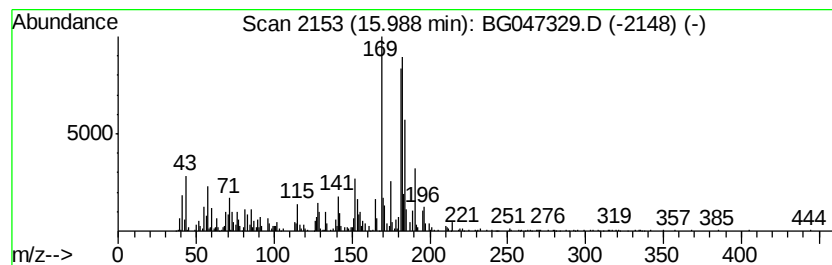
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	21.16 ng/ul	903902	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	52
2		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	51
3		[1,1'-Biphenyl]-4-carboxaldehde	182	C13H10O	003218-36-8	50
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	45
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AB8

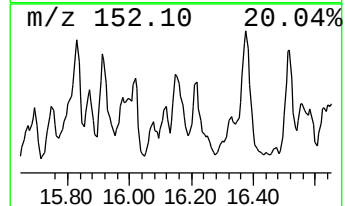
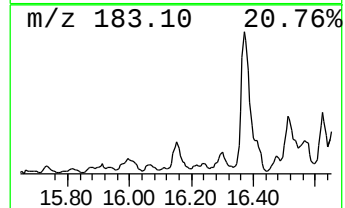
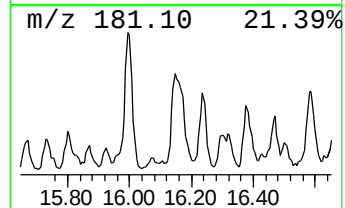
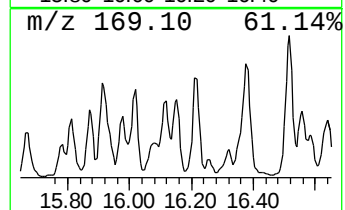
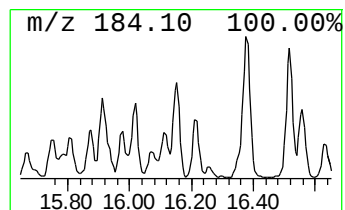
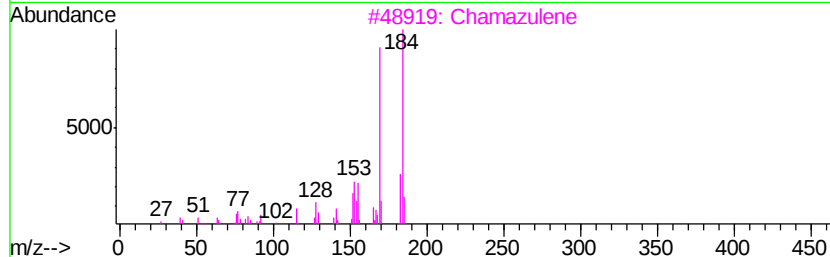
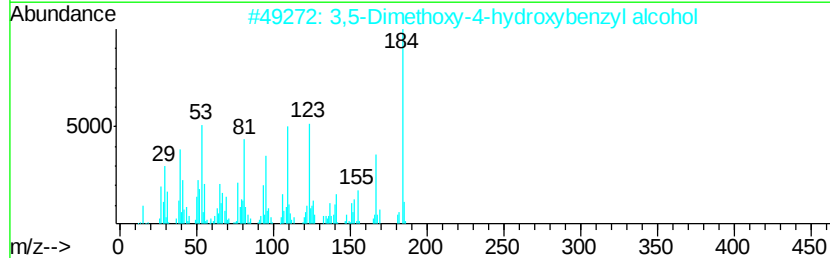
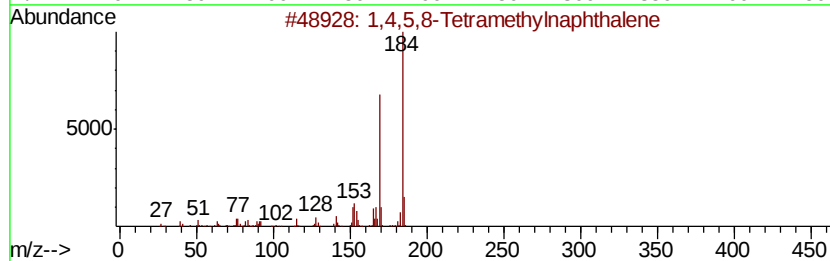
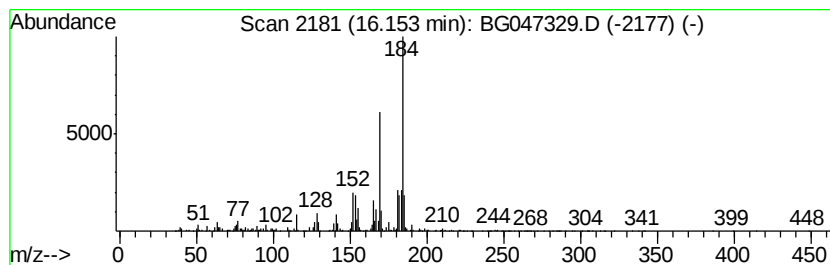
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 1,4,5,8-Tetramethylnaphthalene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	10.33 ng/ul	830270	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	89
2		3,5-Dimethoxy-4-hydroxybenzyl al...	184	C9H12O4	000530-56-3	80
3		Chamazulene	184	C14H16	000529-05-5	76
4		Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	70
5		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
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Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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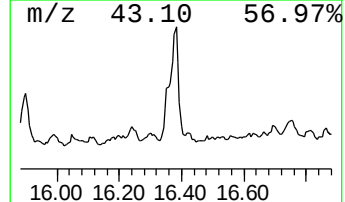
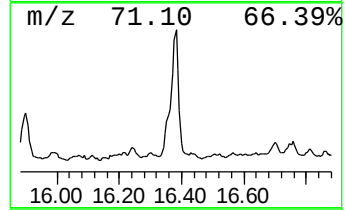
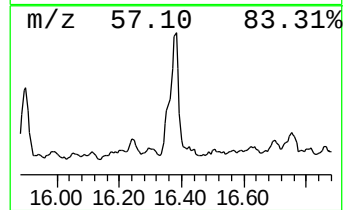
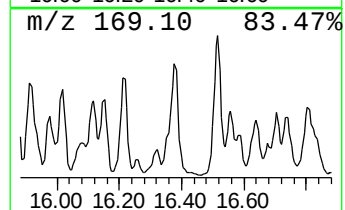
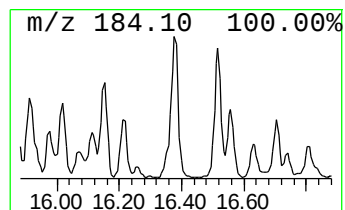
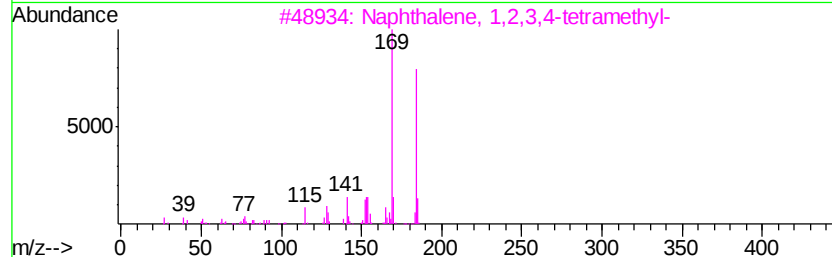
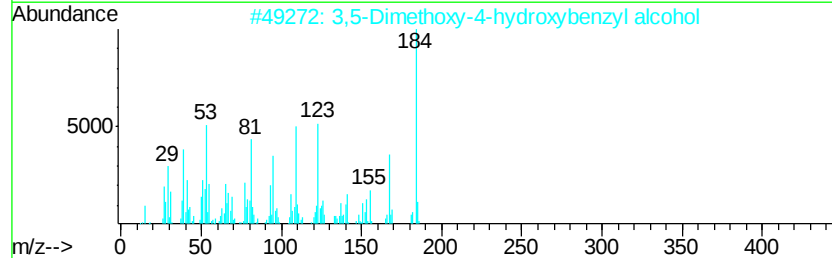
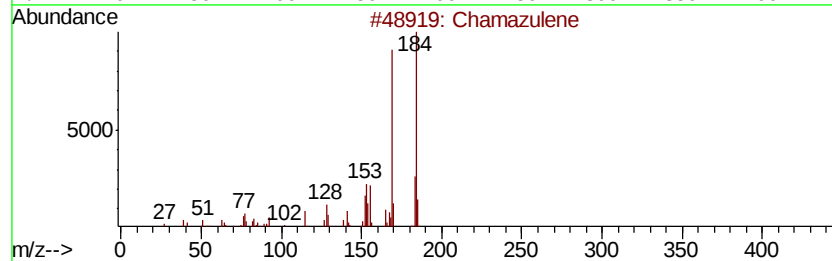
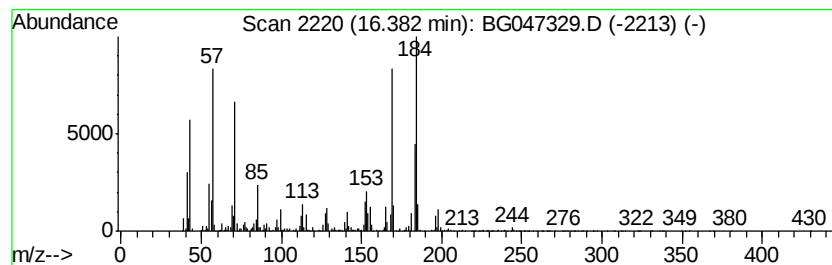
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 Chamazulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	56.40 ng/ul	4534420	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chamazulene	184	C14H16	000529-05-5	93
2		3,5-Dimethoxy-4-hydroxybenzyl al...	184	C9H12O4	000530-56-3	60
3		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	60
4		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	60
5		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

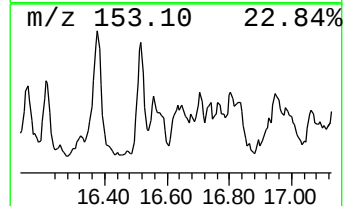
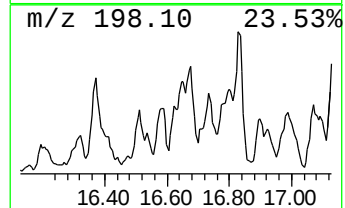
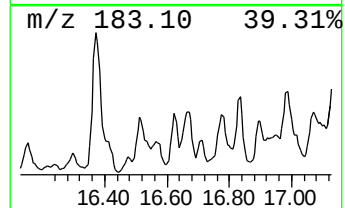
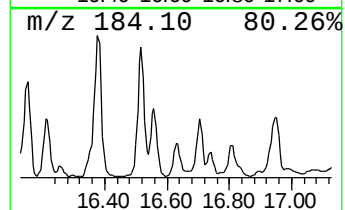
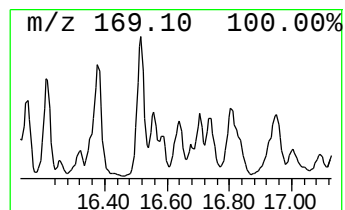
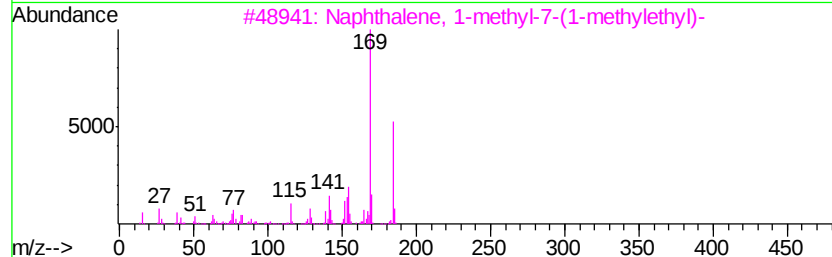
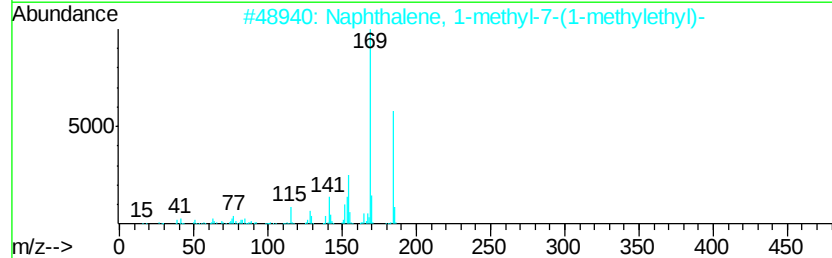
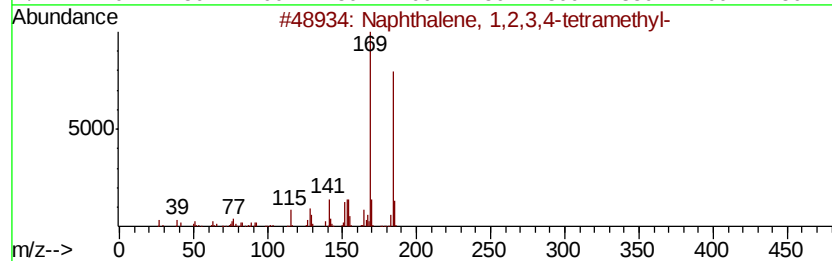
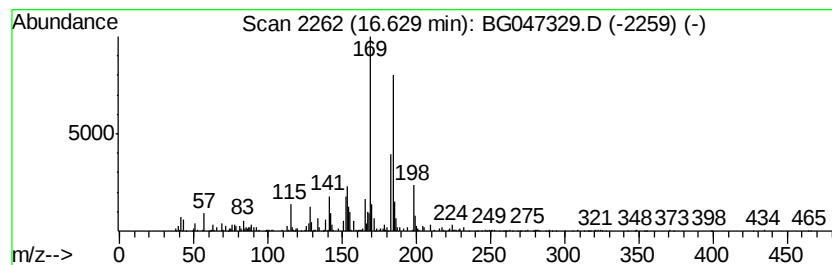
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 Naphthalene, 1,2,3,4-tetram... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	10.90 ng/ul	876133	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	94
2		Naphthalene, 1-methyl-7-(1-methyl-...	184	C14H16	000490-65-3	89
3		Naphthalene, 1-methyl-7-(1-methyl-...	184	C14H16	000490-65-3	86
4		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64
5		Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

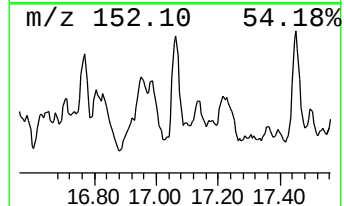
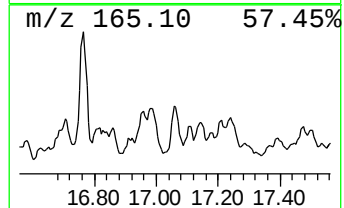
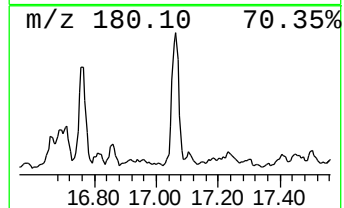
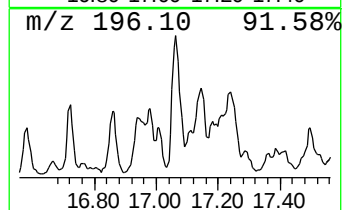
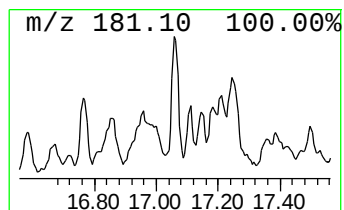
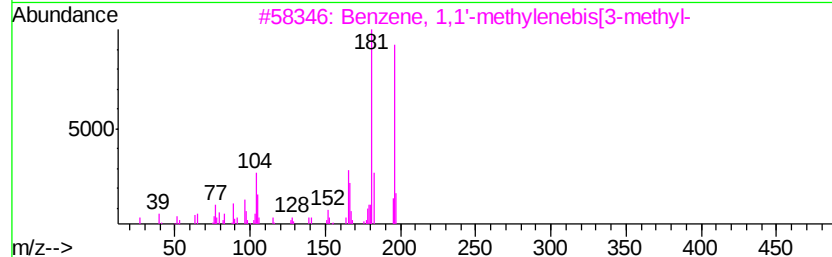
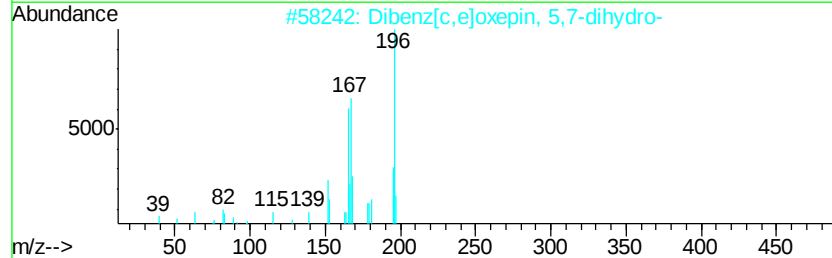
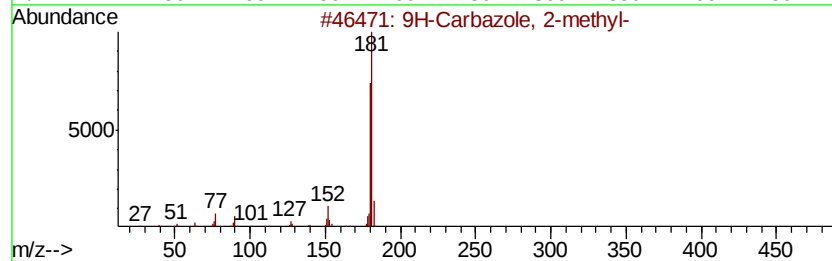
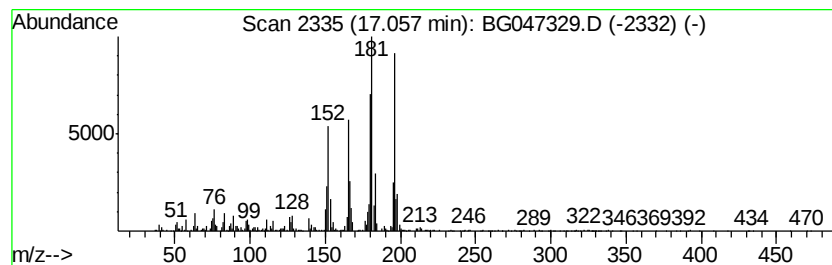
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 9H-Carbazole, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	15.34 ng/ul	1233260	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	62
2		Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	56
3		Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	55
4		Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	53
5		Benzene, 1-methyl-2-[(4-methylph...	196	C15H16	021895-17-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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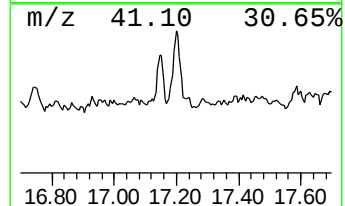
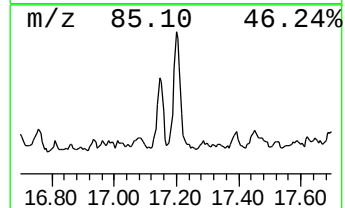
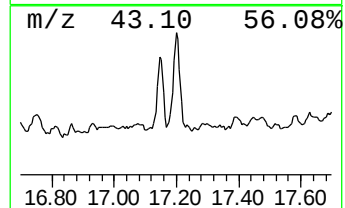
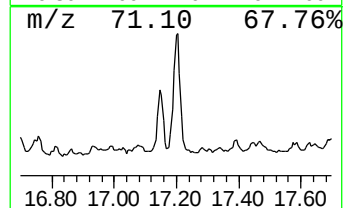
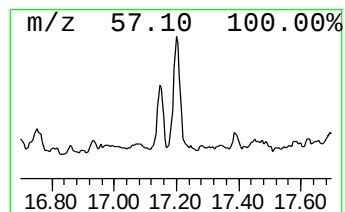
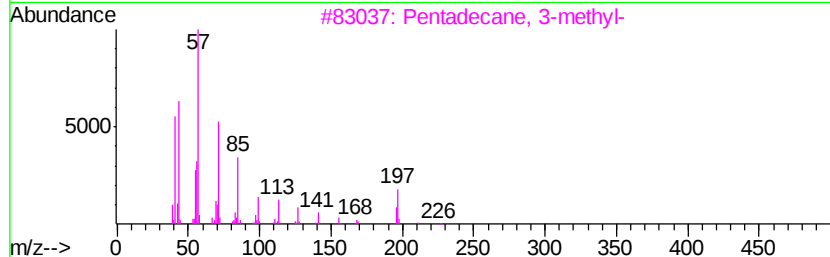
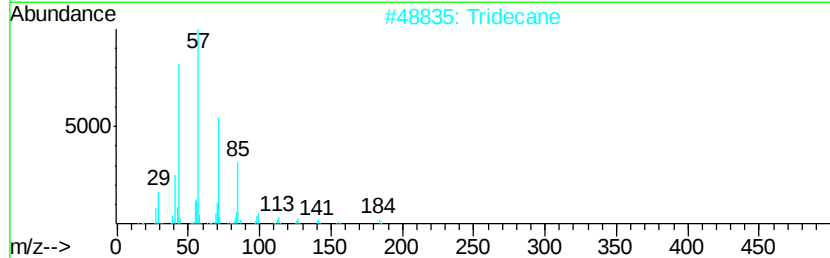
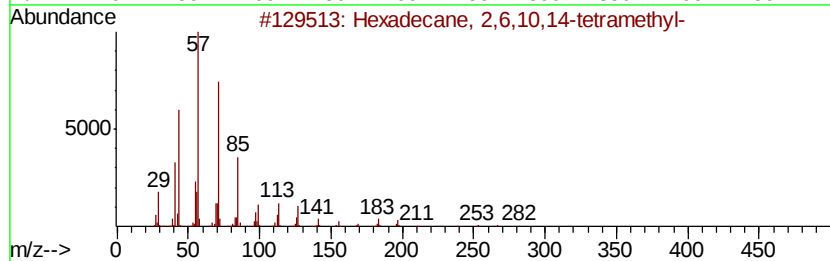
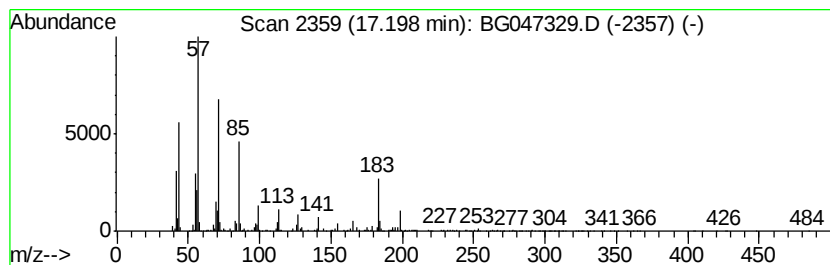
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	32.00 ng/ul	2572490	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2		Tridecane	184	C13H28	000629-50-5	64
3		Pentadecane, 3-methyl-	226	C16H34	002882-96-4	64
4		Heptadecane	240	C17H36	000629-78-7	60
5		Pentadecane, 2-methyl-	226	C16H34	001560-93-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

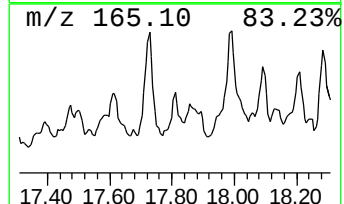
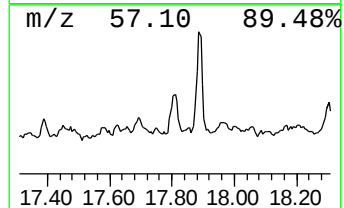
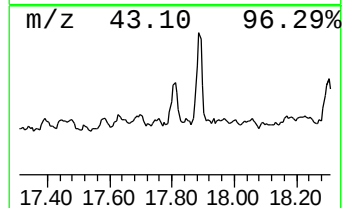
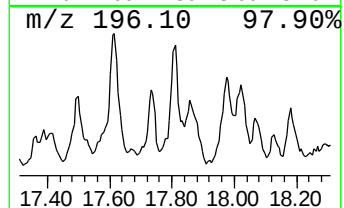
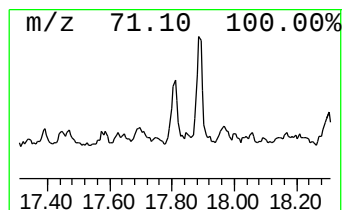
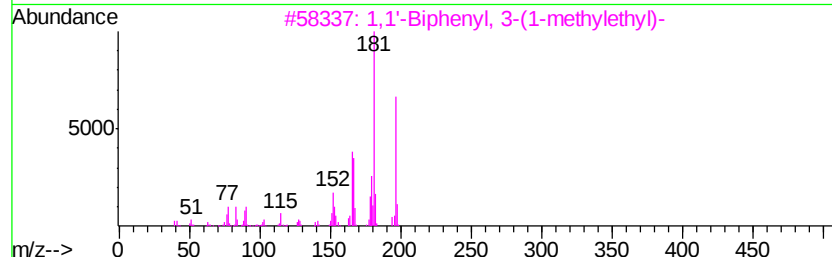
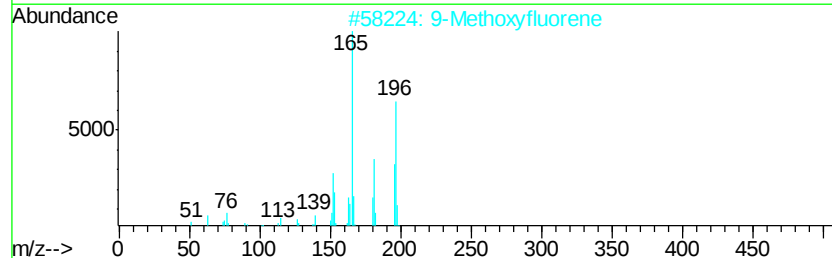
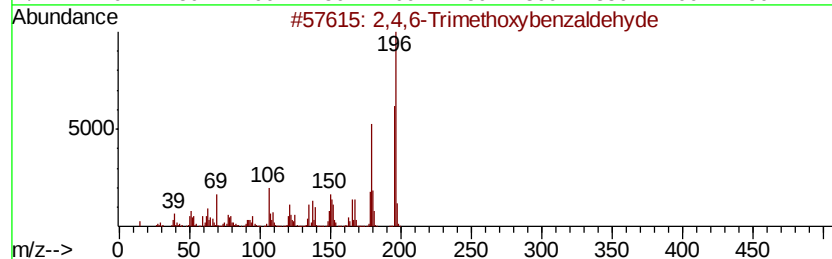
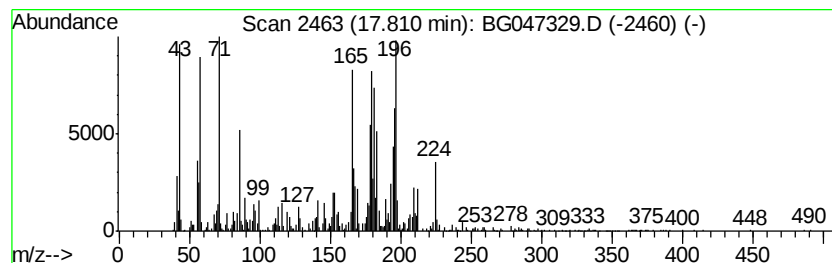
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.81	9.93 ng/ul	798096	Phenanthrene-d10	17.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	46
2	9-Methoxyfluorene	196	C14H12O	019126-15-9	42
3	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	41
4	Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	30
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

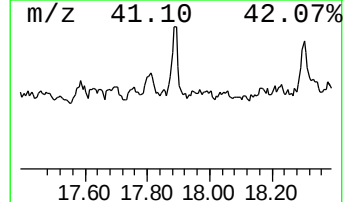
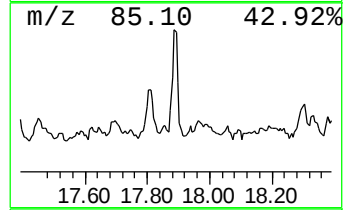
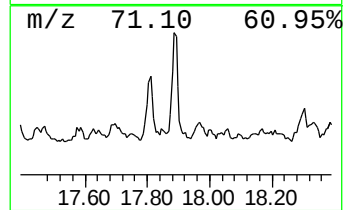
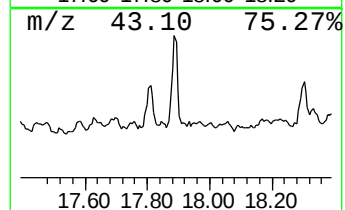
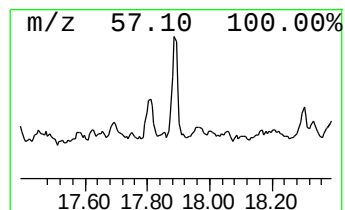
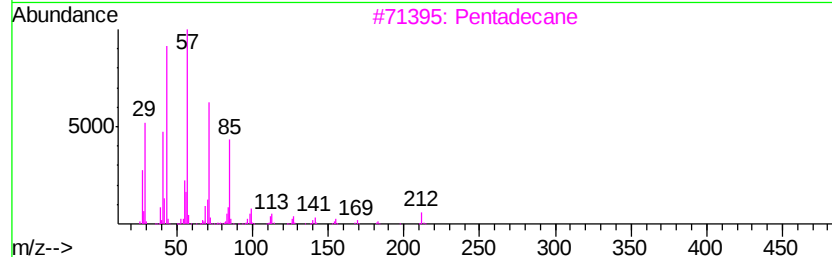
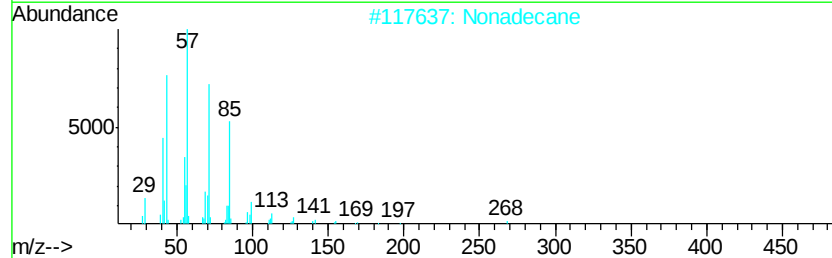
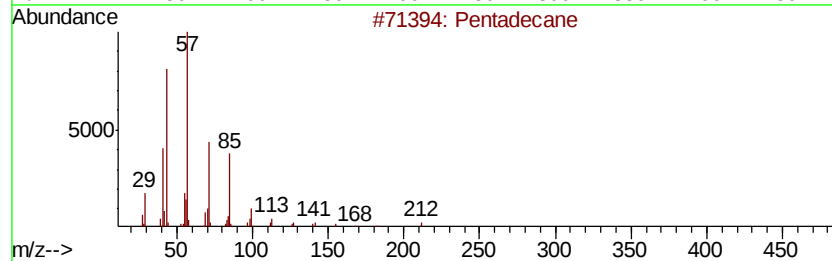
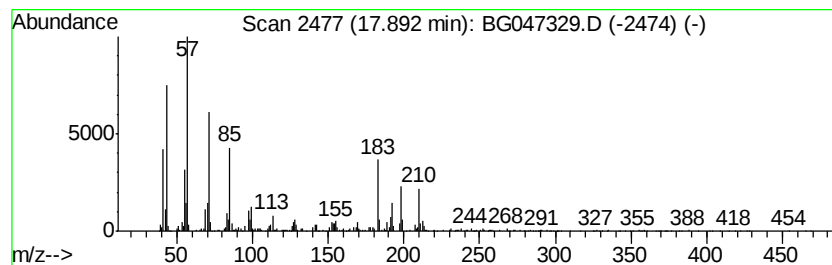
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	14.39 ng/ul	1157090	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	95
2		Nonadecane	268	C19H40	000629-92-5	95
3		Pentadecane	212	C15H32	000629-62-9	95
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5		Pentadecane	212	C15H32	000629-62-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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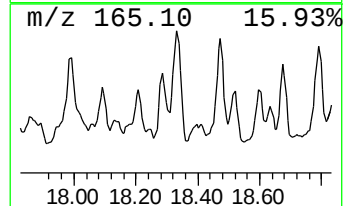
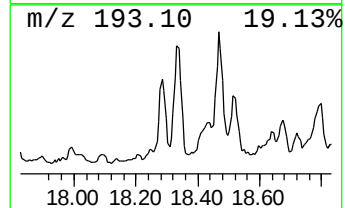
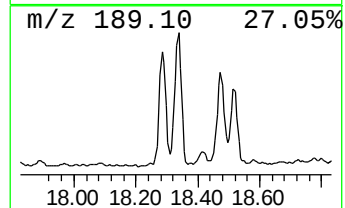
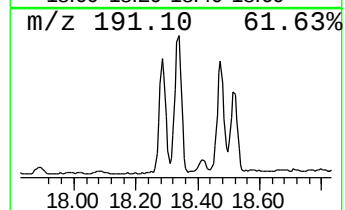
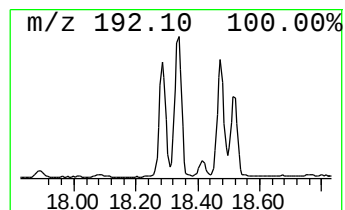
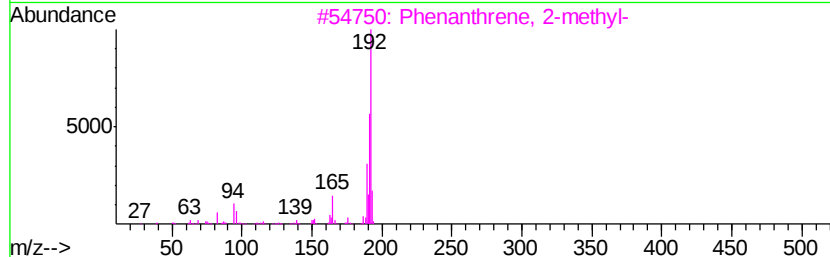
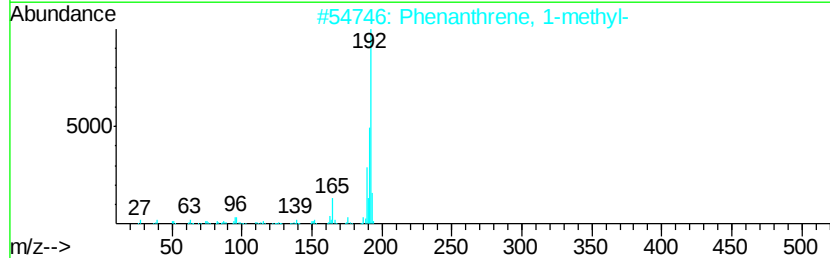
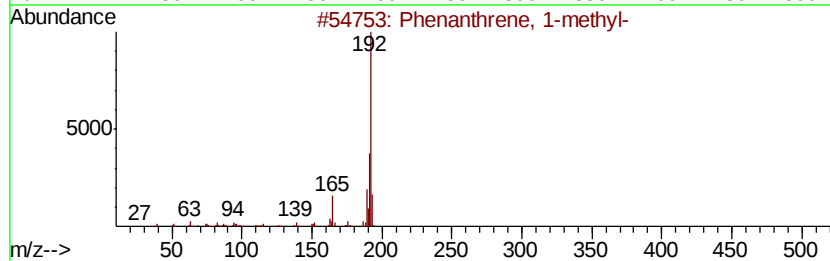
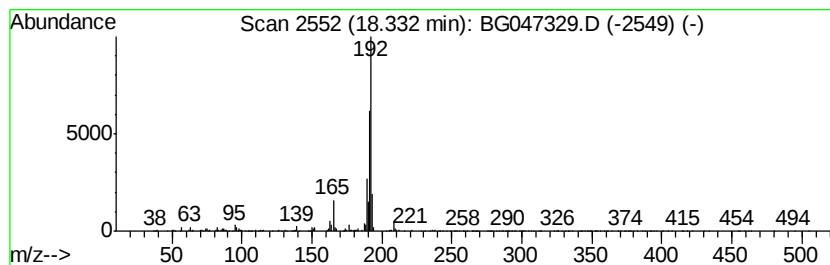
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	33.21 ng/ul	2669690	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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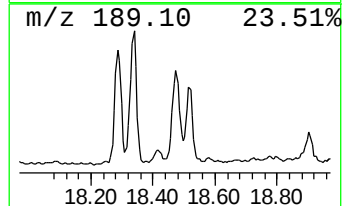
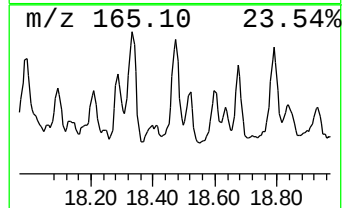
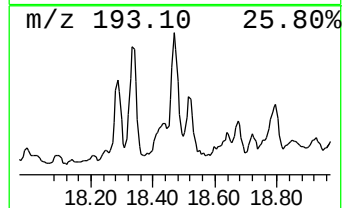
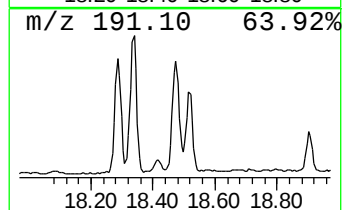
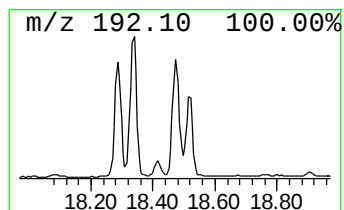
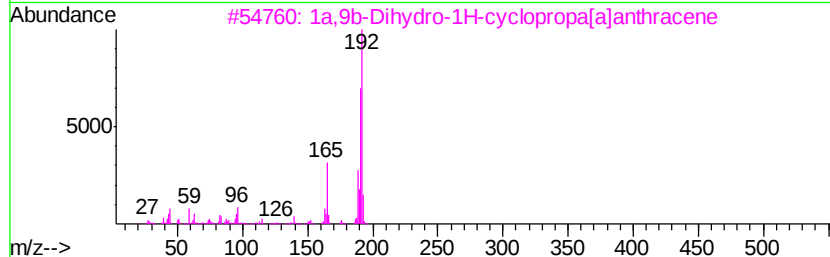
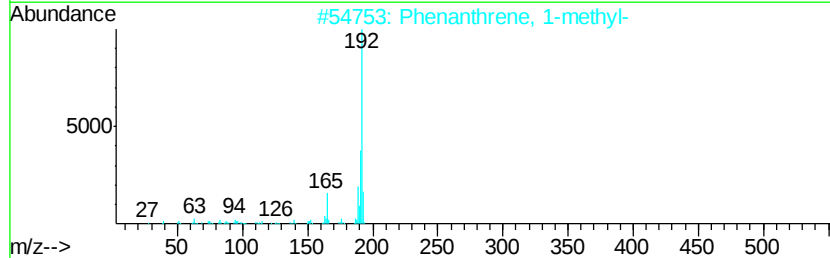
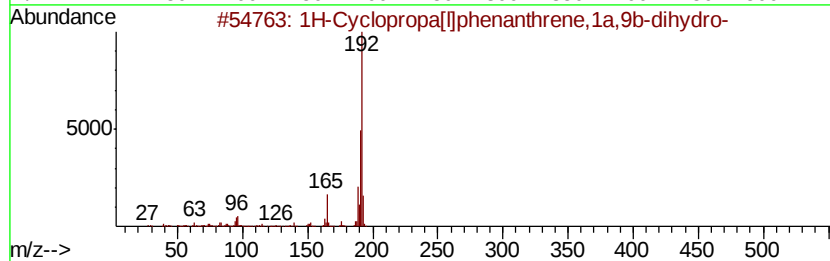
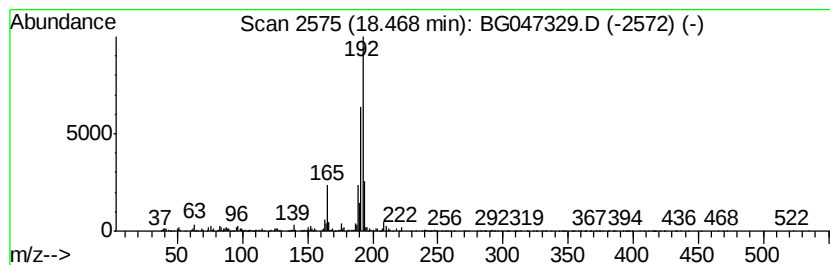
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	19.80 ng/ul	1591770	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	93
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

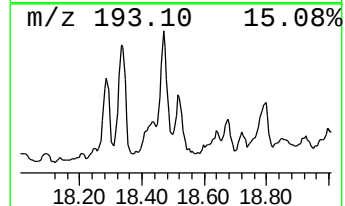
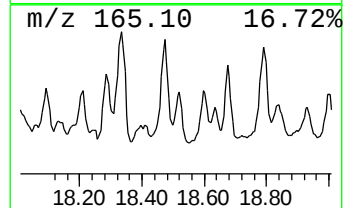
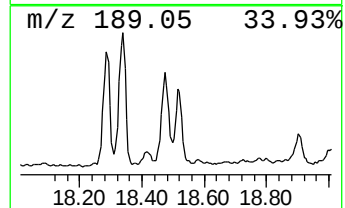
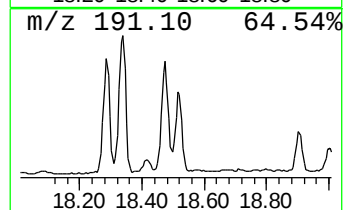
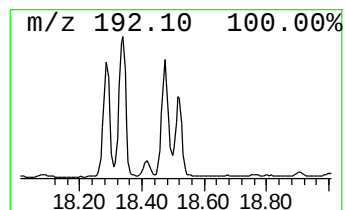
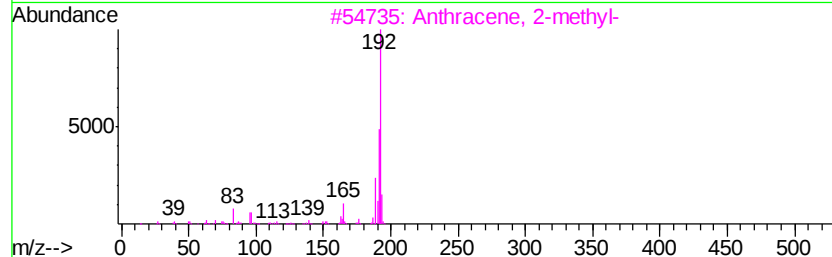
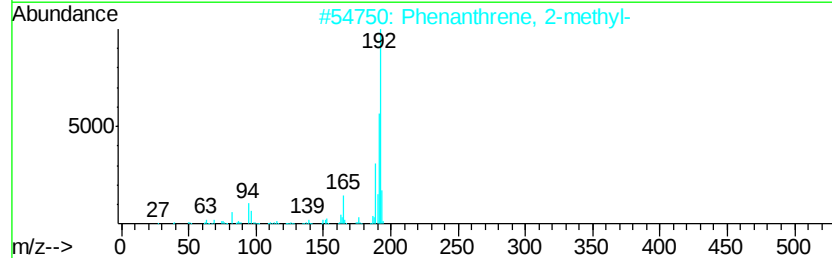
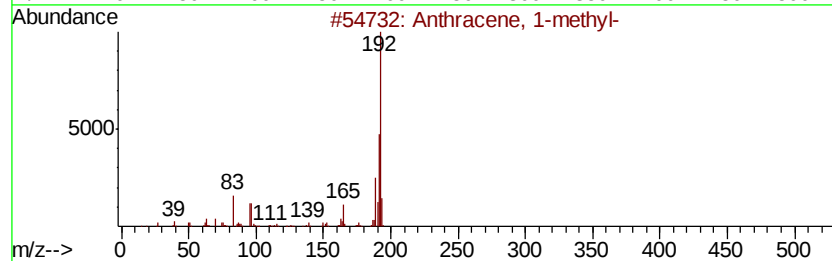
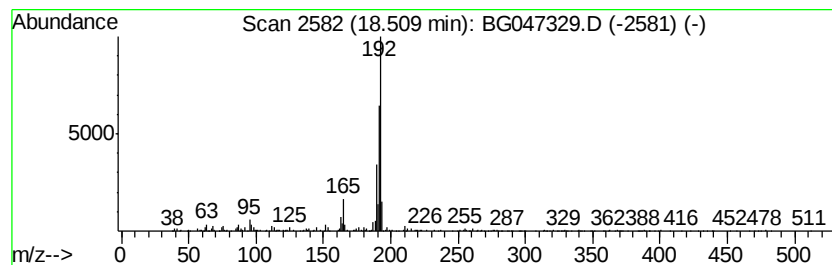
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 Anthracene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	14.99 ng/ul	1205130	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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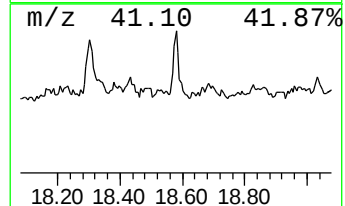
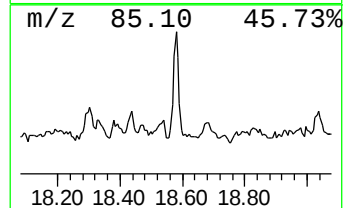
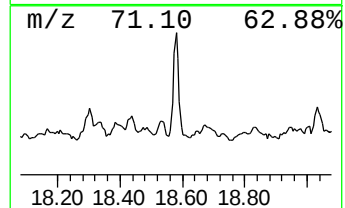
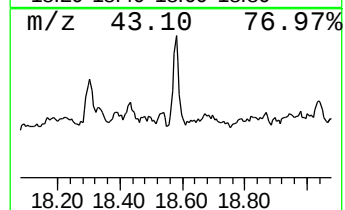
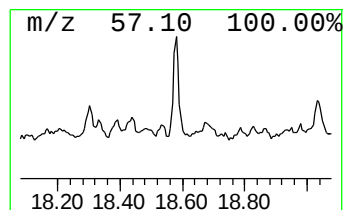
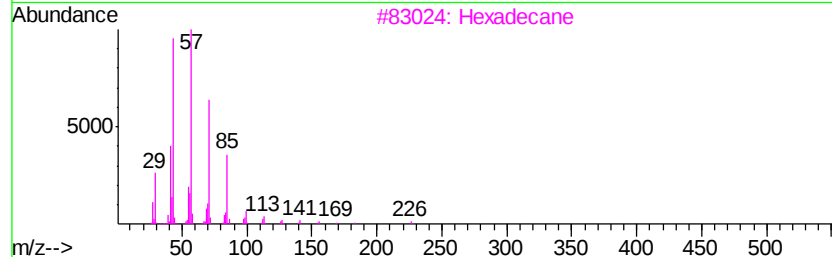
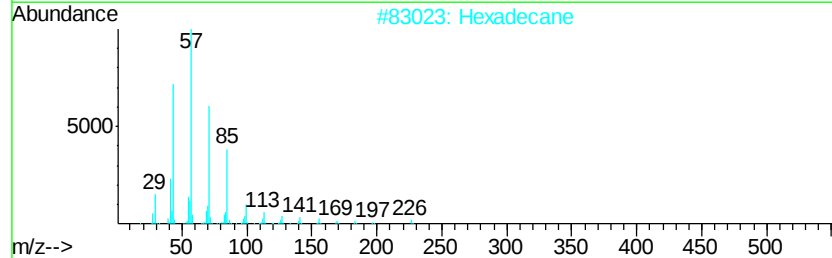
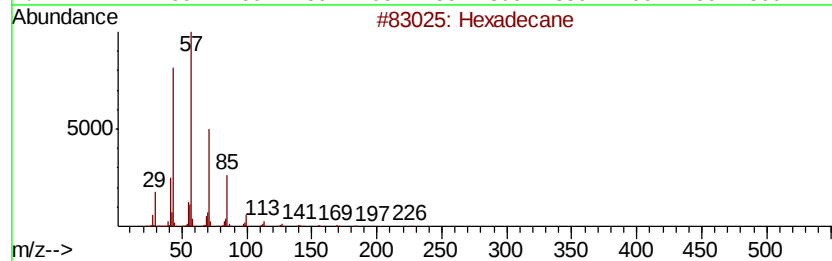
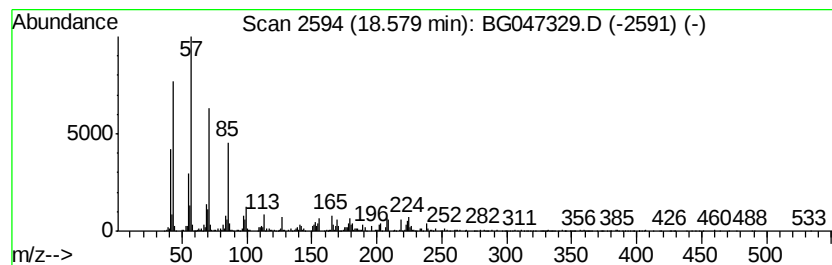
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	15.17 ng/ul	1219310	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Eicosane	282	C20H42	000112-95-8	89
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

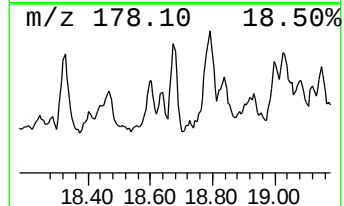
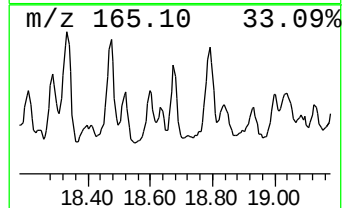
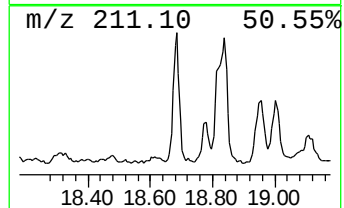
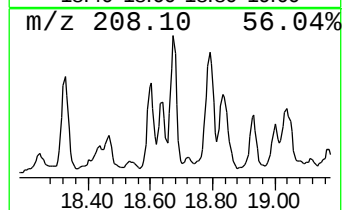
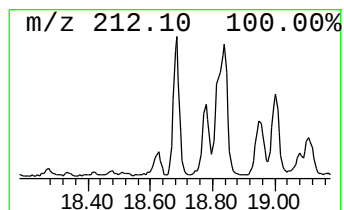
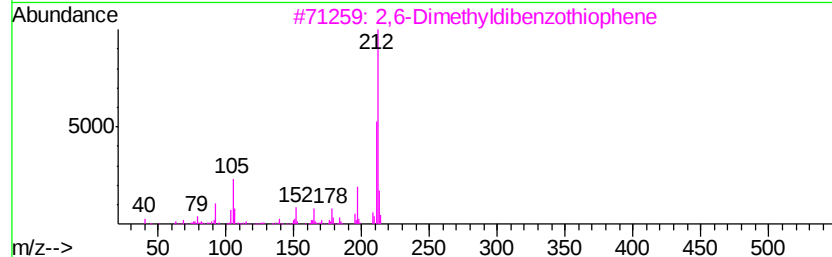
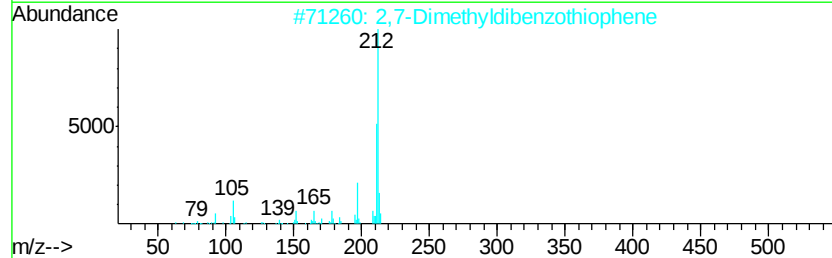
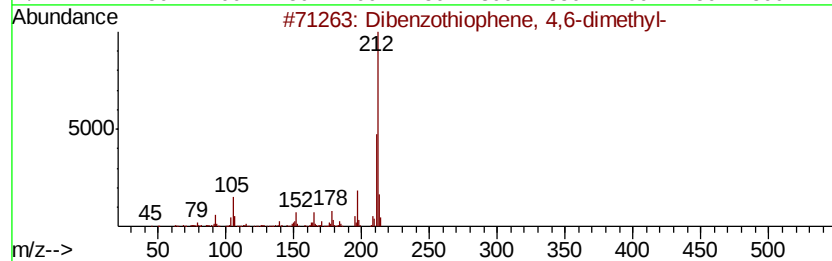
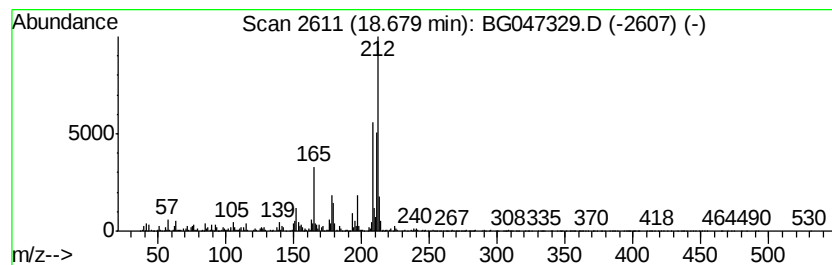
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 68 Dibenzothiophene, 4,6-dimet... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	14.79 ng/ul	1188740	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	70
2		2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	70
3		2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	64
4		2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	64
5		Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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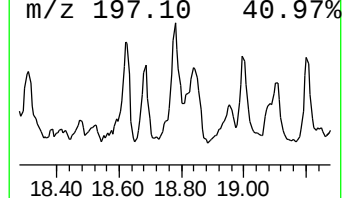
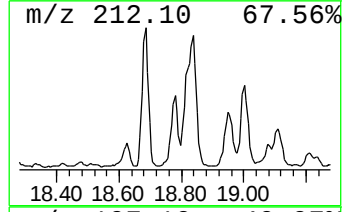
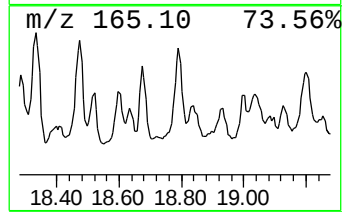
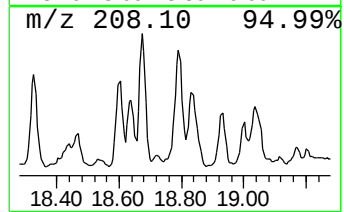
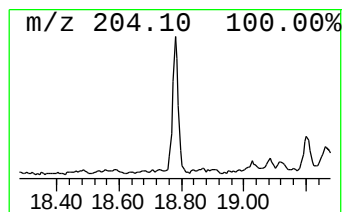
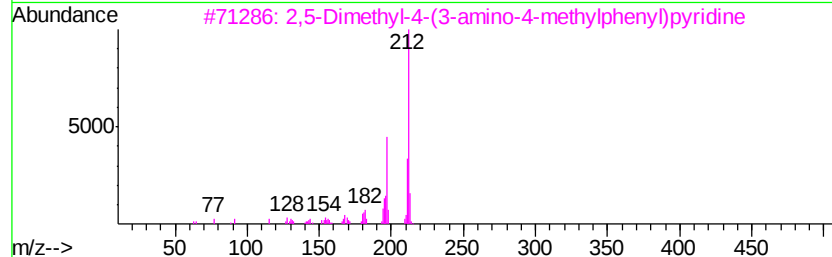
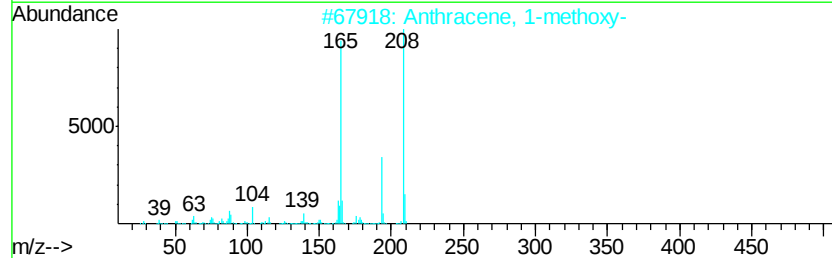
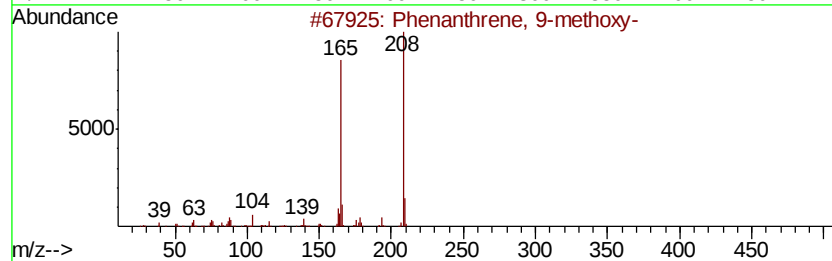
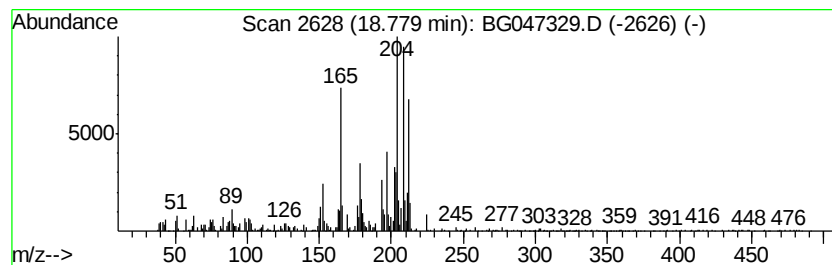
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 unknown-03 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	8.78 ng/ul	706243	Phenanthrene-d10	17.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9-methoxy-	208	C15H12O	005085-74-5	42
2			Anthracene, 1-methoxy-	208	C15H12O	054458-84-3	41
3			2,5-Dimethyl-4-(3-amino-4-methyl...	212	C14H16N2	071153-33-8	40
4			Phenanthrene, 3-methoxy-	208	C15H12O	000835-06-3	38
5			Phenanthrene, 2-methoxy-	208	C15H12O	013837-48-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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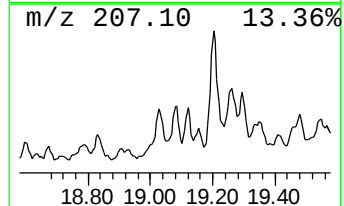
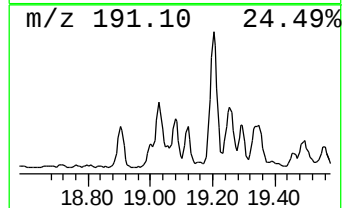
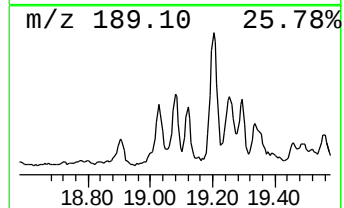
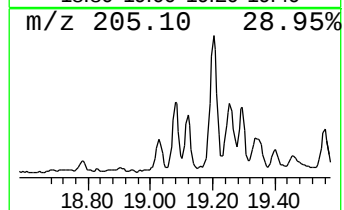
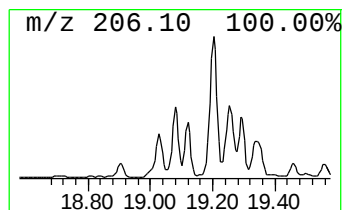
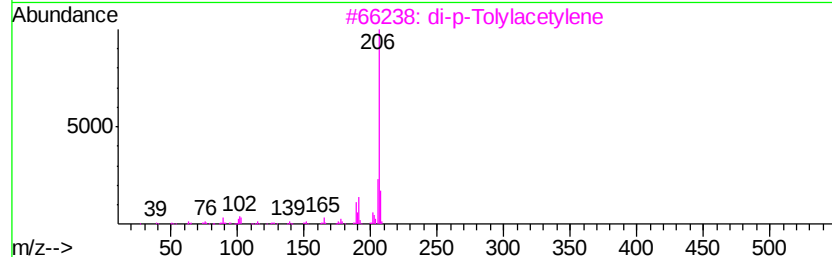
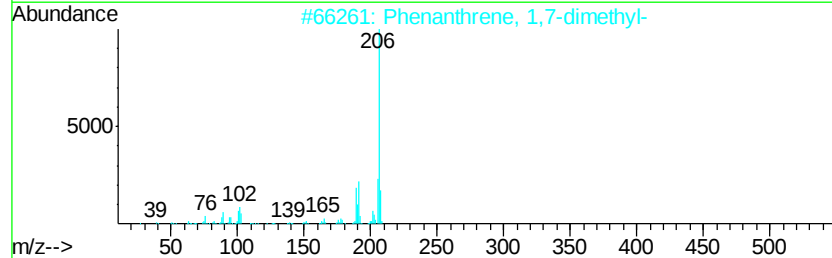
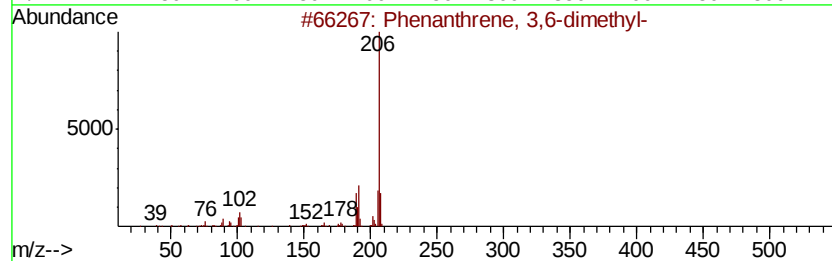
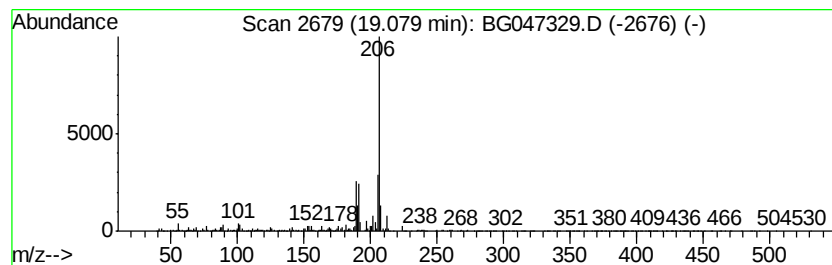
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 70 Phenanthrene, 3,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	13.89 ng/ul	1116460	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	81
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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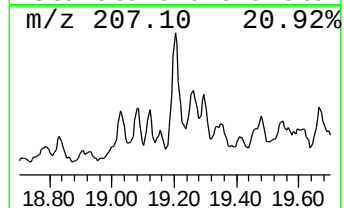
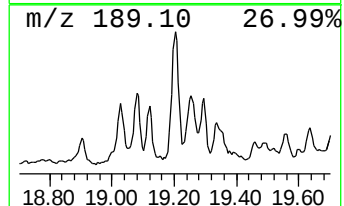
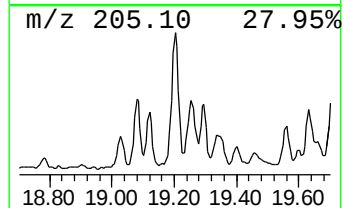
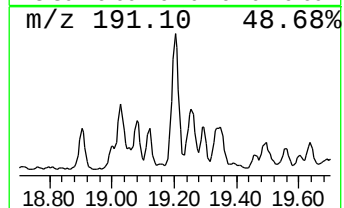
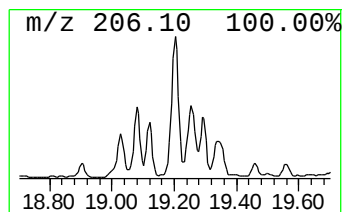
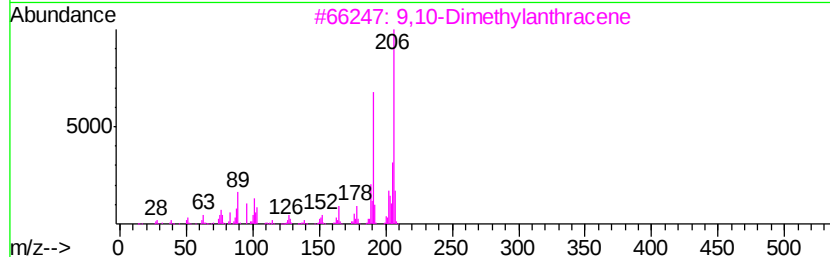
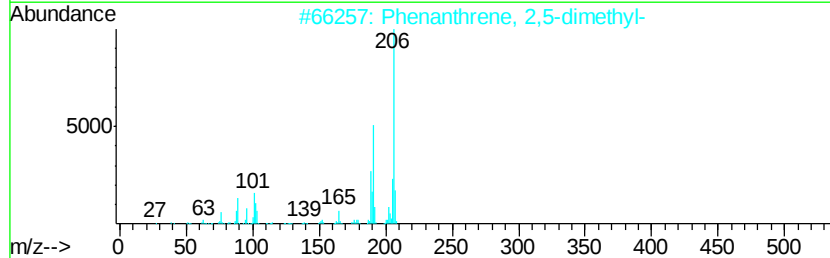
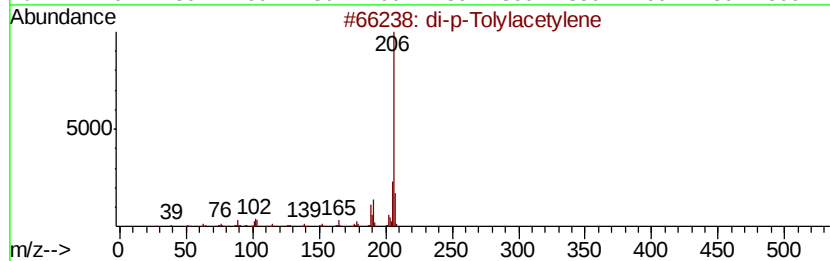
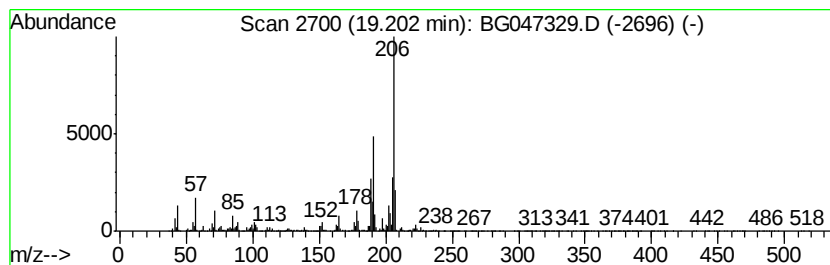
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 71 di-p-Tolylacetylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	48.40 ng/ul	3891430	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

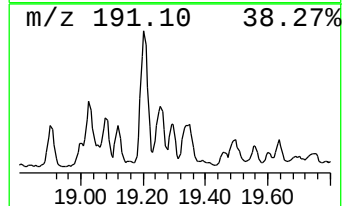
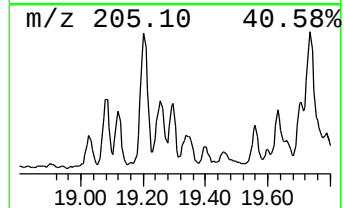
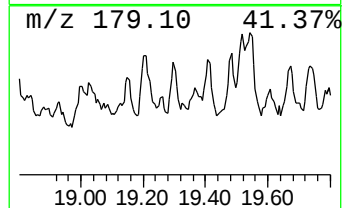
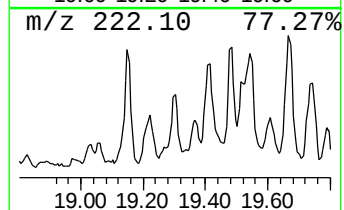
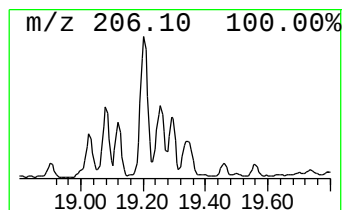
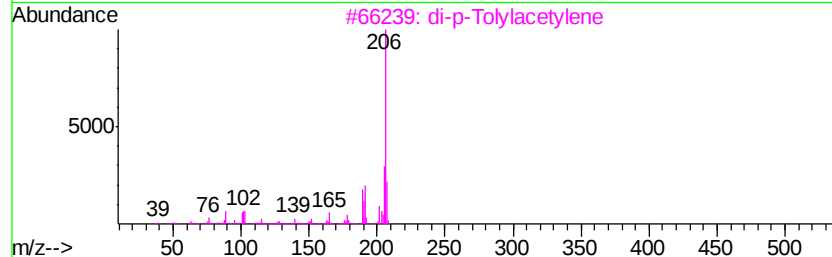
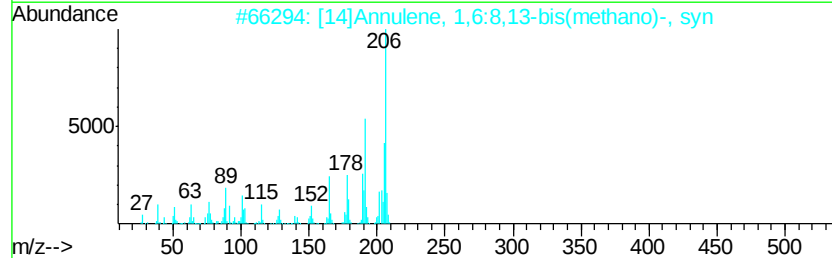
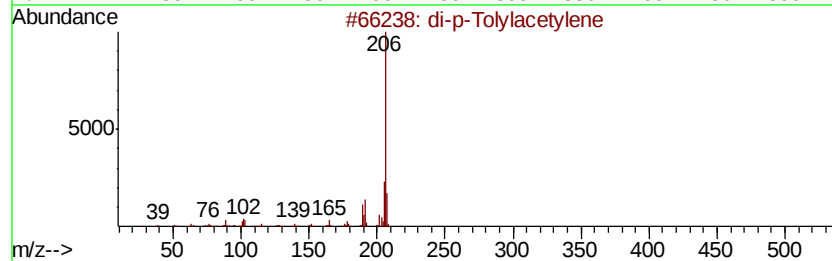
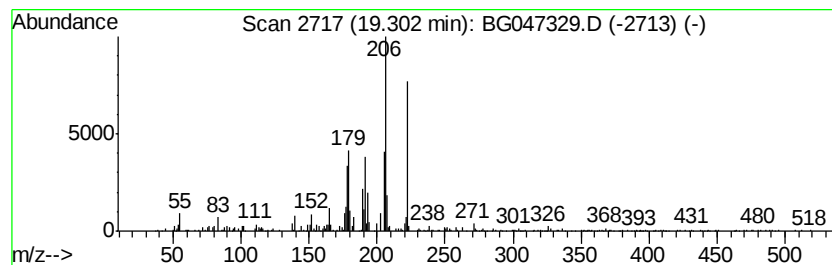
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 72 [14]Annulene, 1,6:8,13-bis(...) Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	11.92 ng/ul	957962	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	81
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	81
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

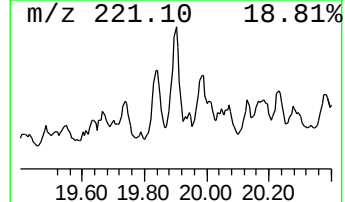
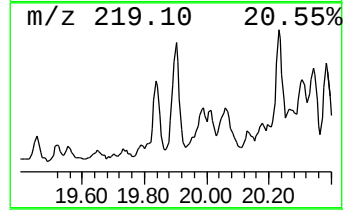
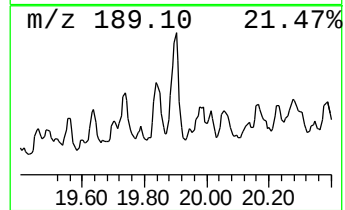
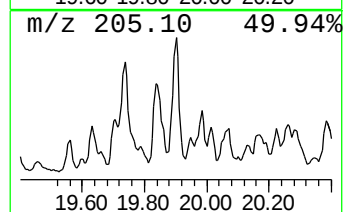
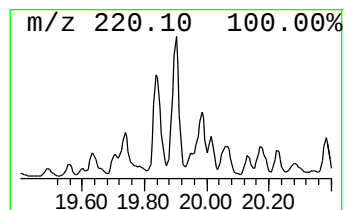
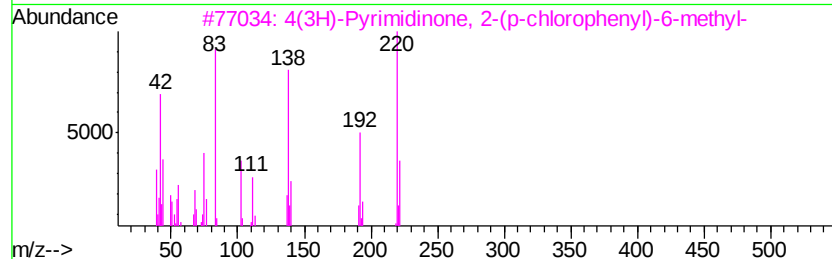
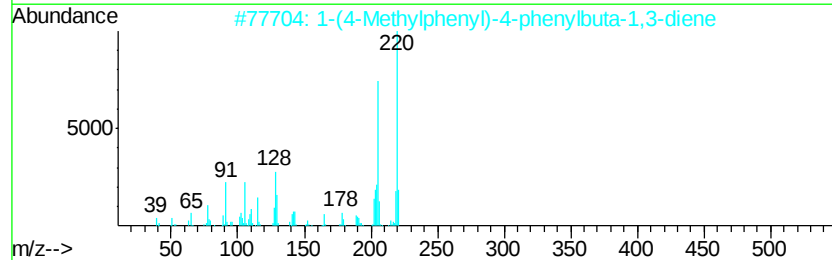
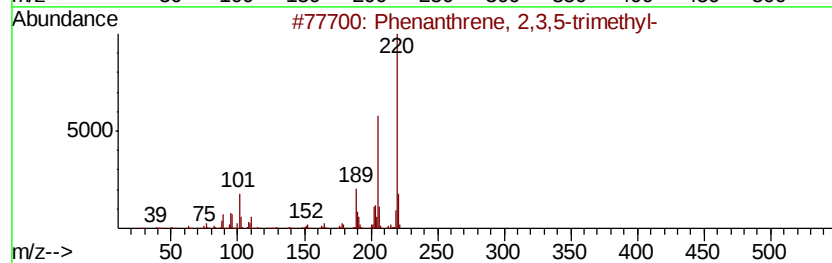
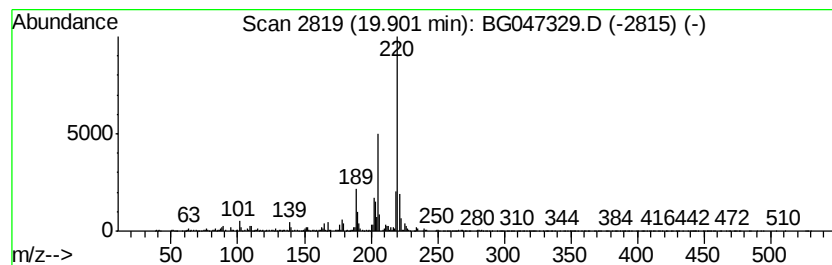
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 73 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	20.00 ng/ul	2126930	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	93
2		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	83
3		4(3H)-Pyrimidinone, 2-(p-chlorop...	220	C11H9ClN2O	016858-20-1	80
4		5-Acetyl-2-ethylsulfanyl-6-methy...	220	C11H12N2OS	303146-26-1	64
5		Naphthalene, 1,4-bis(methylthio)-	220	C12H12S2	010075-73-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111620\
 Data File : BG047329.D
 Acq On : 16 Nov 2020 14:14
 Operator : CG/JU
 Sample : L4762-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	9.24	5.4	ng/ul	130241	1	8.02	482827	20.0
Naphthalene, deca...	10.00	8.8	ng/ul	273634	2	10.82	625381	20.0
(DEL) Alkane: Cyc...	11.31	8.9	ng/ul	277340	2	10.82	625381	20.0
(DEL) Alkane: Cyc...	12.10	6.9	ng/ul	216467	2	10.82	625381	20.0
unknown-01	12.57	16.0	ng/ul	499524	2	10.82	625381	20.0
Naphthalene, 1-me...	12.70	32.9	ng/ul	1028200	2	10.82	625381	20.0
(DEL) Alkane: Str...	13.18	8.8	ng/ul	377360	3	14.65	854418	20.0
1H-Indene, 2,3-di...	13.59	17.8	ng/ul	759101	3	14.65	854418	20.0
Naphthalene, 2-et...	13.69	10.3	ng/ul	440573	3	14.65	854418	20.0
Naphthalene, 1,4-...	13.82	47.8	ng/ul	2041820	3	14.65	854418	20.0
Naphthalene, 1,3-...	13.98	46.8	ng/ul	1997120	3	14.65	854418	20.0
Naphthalene, 1,6-...	14.21	42.2	ng/ul	1802800	3	14.65	854418	20.0
Decahydro-4,4,8,9...	14.48	11.9	ng/ul	509550	3	14.65	854418	20.0
(DEL) Alkane: Str...	14.54	5.6	ng/ul	240027	3	14.65	854418	20.0
Naphthalene, 2-(1...	14.78	13.2	ng/ul	563077	3	14.65	854418	20.0
Naphthalene, 2,3,...	15.13	36.9	ng/ul	1577440	3	14.65	854418	20.0
Naphthalene, 1,6,...	15.28	52.6	ng/ul	2248970	3	14.65	854418	20.0
Naphthalene, 1,4,...	15.45	36.1	ng/ul	1541290	3	14.65	854418	20.0
Naphthalene, 1,4,...	15.48	20.4	ng/ul	869463	3	14.65	854418	20.0
Benzene, (4,5,5-t...	15.91	37.2	ng/ul	1590700	3	14.65	854418	20.0
[1,1'-Biphenyl]-4...	15.99	21.2	ng/ul	903902	3	14.65	854418	20.0
1,4,5,8-Tetrameth...	16.15	10.3	ng/ul	830270	4	17.41	1607910	20.0
Chamazulene	16.38	56.4	ng/ul	4534420	4	17.41	1607910	20.0
Naphthalene, 1,2,...	16.63	10.9	ng/ul	876133	4	17.41	1607910	20.0
9H-Carbazole, 2-m...	17.06	15.3	ng/ul	1233260	4	17.41	1607910	20.0
(DEL) Alkane: Str...	17.20	32.0	ng/ul	2572490	4	17.41	1607910	20.0
unknown-02	17.81	9.9	ng/ul	798096	4	17.41	1607910	20.0
(DEL) Alkane: Str...	17.89	14.4	ng/ul	1157090	4	17.41	1607910	20.0
Phenanthrene, 1-m...	18.33	33.2	ng/ul	2669690	4	17.41	1607910	20.0
1H-Cyclopropa[1]p...	18.47	19.8	ng/ul	1591770	4	17.41	1607910	20.0
Anthracene, 1-met...	18.51	15.0	ng/ul	1205130	4	17.41	1607910	20.0
(DEL) Alkane: Str...	18.58	15.2	ng/ul	1219310	4	17.41	1607910	20.0
Dibenzothiophene,...	18.68	14.8	ng/ul	1188740	4	17.41	1607910	20.0
unknown-03	18.78	8.8	ng/ul	706243	4	17.41	1607910	20.0
Phenanthrene, 3,6...	19.08	13.9	ng/ul	1116460	4	17.41	1607910	20.0
di-p-Tolylacetylene	19.20	48.4	ng/ul	3891430	4	17.41	1607910	20.0
[14]Annulene, 1,6...	19.30	11.9	ng/ul	957962	4	17.41	1607910	20.0
Phenanthrene, 2,3...	19.90	20.0	ng/ul	2126930	5	21.69	2126930	20.0