

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047557.D
 Acq On : 4 Dec 2020 4:11
 Operator : CG/JU
 Sample : L4855-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z8

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-BG111920MA.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	3.587	39	42	51	rVB5	10879	21892	1.14%	0.107%
2	4.369	169	175	181	rBV2	10775	23507	1.22%	0.115%
3	4.586	208	212	218	rVB5	9136	14774	0.77%	0.072%
4	4.733	233	237	242	rVB4	6252	10902	0.57%	0.053%
5	5.009	279	284	288	rBV2	7530	12750	0.66%	0.062%
6	5.697	396	401	405	rBV4	2735	4199	0.22%	0.020%
7	6.237	489	493	496	rBV2	4691	5396	0.28%	0.026%
8	6.273	496	499	505	rVB3	8105	13173	0.69%	0.064%
9	7.389	682	689	698	rVB	341476	617051	32.14%	3.007%
10	7.565	710	719	729	rBV	197875	339965	17.71%	1.657%
11	7.777	748	755	763	rVB	346297	606350	31.58%	2.955%
12	7.918	777	779	781	rBV2	5180	4912	0.26%	0.024%
13	8.253	827	836	843	rBV2	137752	255444	13.30%	1.245%
14	8.476	870	874	877	rBV	3314	5003	0.26%	0.024%
15	8.799	926	929	933	rVB	2272	3360	0.18%	0.016%
16	8.840	933	936	941	rBV5	4053	5977	0.31%	0.029%
17	8.946	945	954	966	rVV	415342	718986	37.45%	3.504%
18	9.422	1027	1035	1042	rBV	318828	584955	30.47%	2.851%
19	9.575	1054	1061	1067	rBV3	28594	48267	2.51%	0.235%
20	9.821	1098	1103	1108	rBV2	46446	69745	3.63%	0.340%
21	10.145	1150	1158	1167	rVB	313194	588635	30.66%	2.869%
22	10.474	1209	1214	1215	rBV	3897	4580	0.24%	0.022%
23	10.691	1239	1251	1260	rBV	436563	809536	42.16%	3.946%
24	10.844	1272	1277	1278	rBV	3849	5009	0.26%	0.024%
25	11.032	1306	1309	1310	rBV2	4451	4465	0.23%	0.022%
26	11.079	1310	1317	1323	rVV	176697	325576	16.96%	1.587%
27	11.132	1323	1326	1331	rVV3	23964	42369	2.21%	0.207%
28	11.202	1331	1338	1347	rVV	343498	644385	33.56%	3.141%
29	11.372	1364	1367	1373	rVB	2608	3973	0.21%	0.019%
30	11.719	1421	1426	1431	rVB4	5255	10967	0.57%	0.053%
31	11.995	1465	1473	1474	rBV2	3053	5693	0.30%	0.028%
32	12.072	1482	1486	1489	rBV2	4094	6739	0.35%	0.033%
33	12.307	1524	1526	1531	rVB3	3148	3996	0.21%	0.019%
34	12.365	1533	1536	1539	rBV2	3393	3775	0.20%	0.018%

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35	12.407	1541	1543	1547	rBV2	2078	3260	0.17%	0.016%
36	12.465	1547	1553	1557	rBV2	8350	13441	0.70%	0.066%
37	12.589	1571	1574	1576	rBV3	4676	4951	0.26%	0.024%
38	12.647	1578	1584	1588	rVB4	7429	13743	0.72%	0.067%
39	12.712	1588	1595	1600	rBV3	18668	34222	1.78%	0.167%
40	12.929	1626	1632	1637	rBV3	13745	22596	1.18%	0.110%
41	13.400	1711	1712	1717	rVB	4784	4565	0.24%	0.022%
42	13.470	1720	1724	1727	rVB3	3592	4654	0.24%	0.023%
43	13.682	1756	1760	1762	rBV4	12062	17450	0.91%	0.085%
44	13.746	1770	1771	1774	rVB2	4138	3284	0.17%	0.016%
45	13.911	1794	1799	1802	rVB3	3494	6230	0.32%	0.030%
46	14.046	1816	1822	1827	rVB7	9784	21869	1.14%	0.107%
47	14.193	1842	1847	1851	rBV3	17256	25096	1.31%	0.122%
48	14.257	1851	1858	1863	rBV	706827	1032477	53.78%	5.032%
49	14.304	1863	1866	1875	rVB3	21360	35151	1.83%	0.171%
50	14.434	1883	1888	1889	rBV4	6755	8223	0.43%	0.040%
51	14.486	1893	1897	1899	rBV3	5075	7483	0.39%	0.036%
52	14.563	1903	1910	1919	rVB	718108	1158339	60.33%	5.646%
53	14.704	1930	1934	1936	rBV3	6698	9404	0.49%	0.046%
54	14.739	1937	1940	1944	rVB4	9576	13953	0.73%	0.068%
55	14.827	1952	1955	1956	rBV2	6624	6700	0.35%	0.033%
56	14.863	1956	1961	1968	rVB	263932	422167	21.99%	2.058%
57	14.933	1968	1973	1980	rVB2	32060	52545	2.74%	0.256%
58	15.033	1982	1990	1998	rBV	396300	646146	33.65%	3.149%
59	15.139	2007	2008	2011	rBV3	2607	3501	0.18%	0.017%
60	15.180	2013	2015	2017	rVB3	4542	3455	0.18%	0.017%
61	15.256	2023	2028	2033	rVB3	34168	57783	3.01%	0.282%
62	15.327	2037	2040	2048	rVB5	8890	14519	0.76%	0.071%
63	15.474	2061	2065	2069	rBV6	7959	15761	0.82%	0.077%
64	15.638	2089	2093	2098	rBV5	12587	18380	0.96%	0.090%
65	15.679	2098	2100	2104	rVB3	11234	14370	0.75%	0.070%
66	15.732	2106	2109	2114	rBV4	5276	8407	0.44%	0.041%
67	15.850	2120	2129	2135	rBV	917522	1398634	72.85%	6.817%
68	15.908	2135	2139	2142	rVV3	33420	52535	2.74%	0.256%
69	15.955	2142	2147	2154	rVB	349366	517609	26.96%	2.523%
70	16.026	2158	2159	2163	rVB3	6939	4820	0.25%	0.023%
71	16.067	2163	2166	2167	rBV3	8169	9133	0.48%	0.045%

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72	16.190	2184	2187	2193	rVB3	19548	31601	1.65%	0.154%
73	16.231	2193	2194	2198	rBV3	4187	4032	0.21%	0.020%
74	16.337	2208	2212	2219	rBV2	21396	41405	2.16%	0.202%
75	16.543	2244	2247	2248	rVV3	9485	7666	0.40%	0.037%
76	16.625	2259	2261	2265	rVB4	5432	4640	0.24%	0.023%
77	16.813	2291	2293	2295	rBV3	4638	4916	0.26%	0.024%
78	16.866	2300	2302	2304	rBV3	5278	5794	0.30%	0.028%
79	16.948	2312	2316	2319	rVB5	8873	8570	0.45%	0.042%
80	17.172	2350	2354	2360	rVB7	10102	16822	0.88%	0.082%
81	17.248	2363	2367	2373	rVB3	23454	42521	2.21%	0.207%
82	17.330	2378	2381	2387	rVB6	19359	33075	1.72%	0.161%
83	17.418	2392	2396	2402	rVB3	24198	37886	1.97%	0.185%
84	17.600	2421	2427	2430	rBV	336230	523795	27.28%	2.553%
85	17.642	2430	2434	2439	rVV	399338	610936	31.82%	2.978%
86	17.700	2439	2444	2455	rVB	936094	1522004	79.27%	7.418%
87	17.994	2490	2494	2498	rBV	31482	48472	2.52%	0.236%
88	18.388	2558	2561	2563	rBV4	12228	17864	0.93%	0.087%
89	18.470	2571	2575	2579	rBV2	71051	107221	5.58%	0.523%
90	18.517	2579	2583	2591	rVB2	99173	155615	8.11%	0.758%
91	18.658	2602	2607	2611	rBV2	79261	162403	8.46%	0.792%
92	18.952	2655	2657	2661	rVB	42039	52495	2.73%	0.256%
93	19.369	2724	2728	2734	rBV3	48272	80700	4.20%	0.393%
94	19.510	2749	2752	2758	rVB4	31895	49098	2.56%	0.239%
95	19.633	2768	2773	2779	rVB	654425	885755	46.13%	4.317%
96	19.968	2824	2830	2833	rBV2	1173412	1919964	100.00%	9.358%
97	20.474	2913	2916	2922	rVB	98746	136817	7.13%	0.667%
98	21.484	3085	3088	3094	rVB2	228130	318351	16.58%	1.552%
99	21.872	3147	3154	3160	rBV2	385412	1027053	53.49%	5.006%
100	25.045	3686	3694	3701	rBV2	435431	1147032	59.74%	5.590%

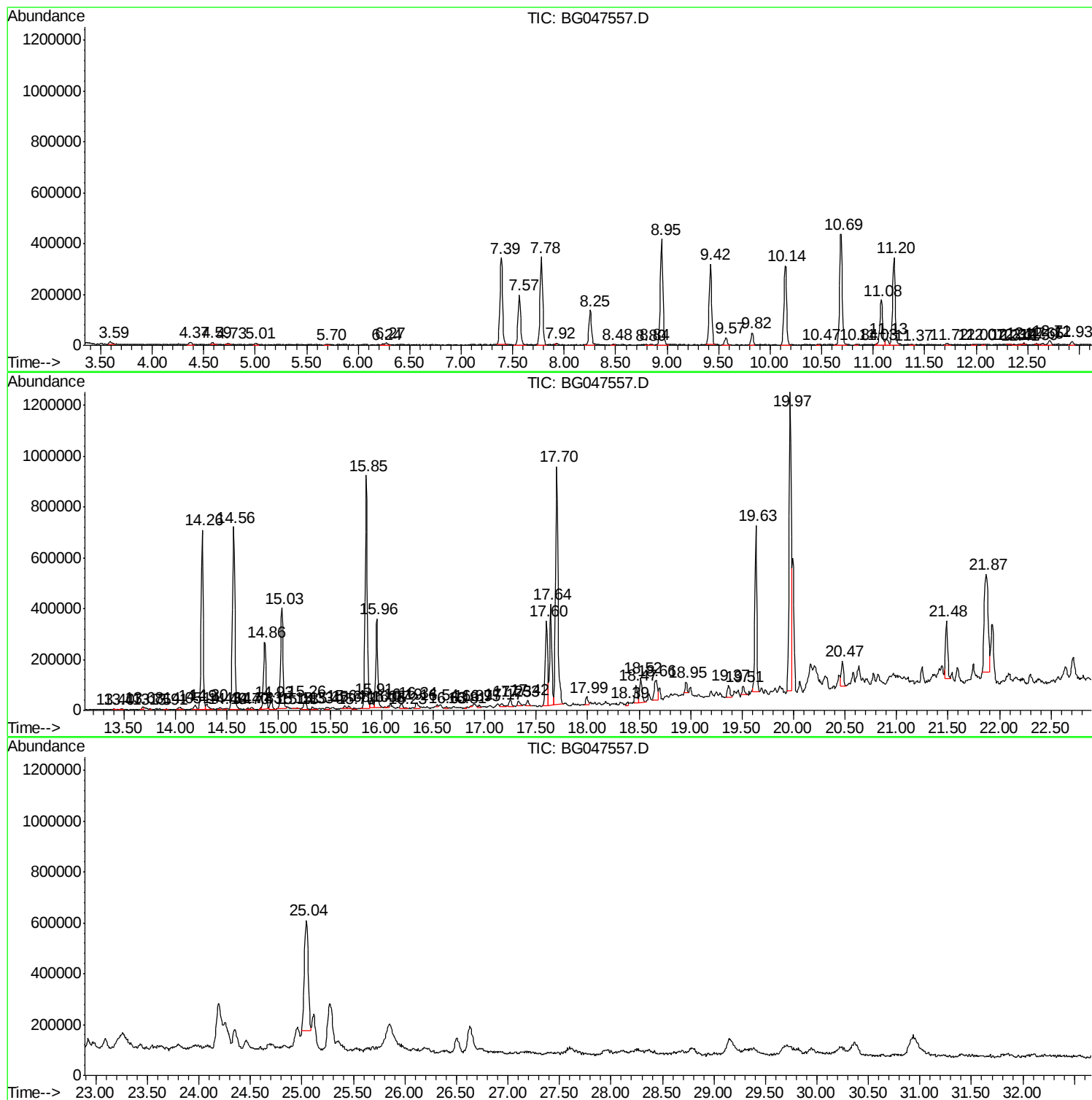
Sum of corrected areas: 20517665

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



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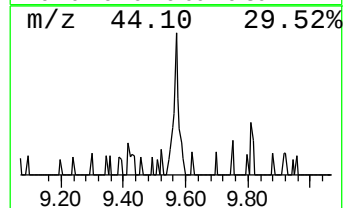
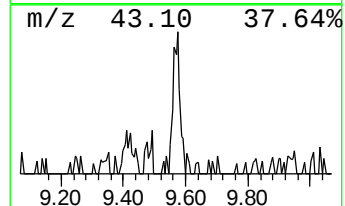
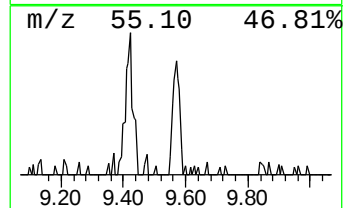
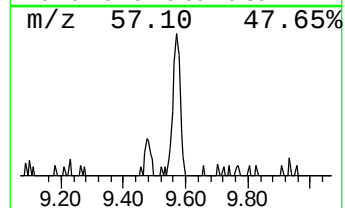
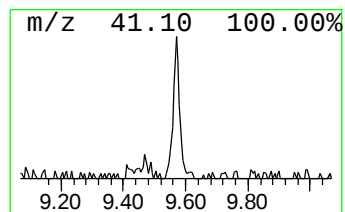
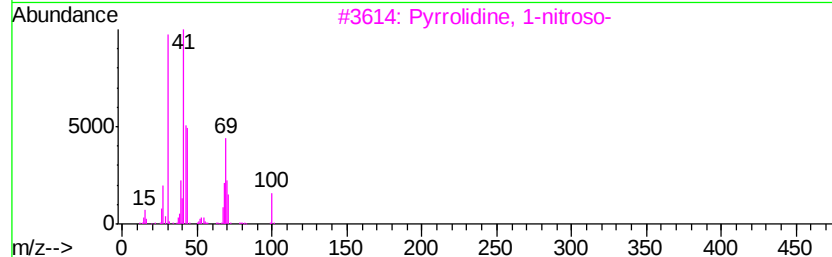
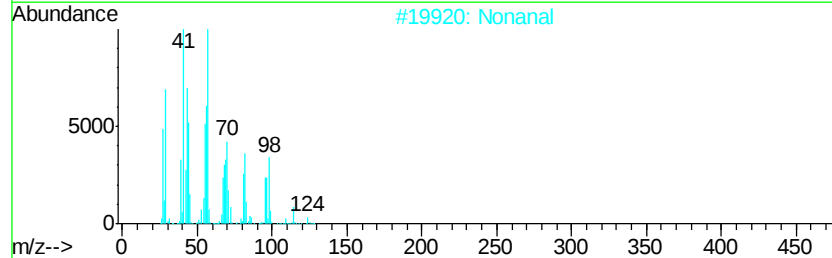
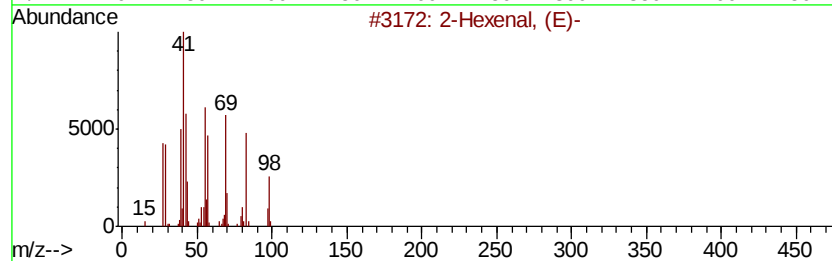
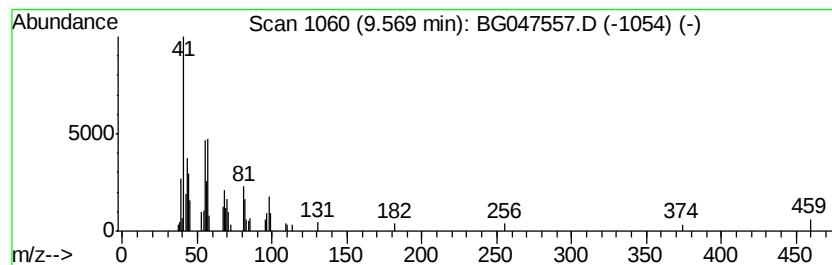
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	3.78 ng/ul	48267	1,4-Dichlorobenzene-d4	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexenal, (E)-	98	C6H10O	006728-26-3	43
2		Nonanal	142	C9H18O	000124-19-6	38
3		Pyrrolidine, 1-nitroso-	100	C4H8N2O	000930-55-2	38
4		Tridecanal	198	C13H26O	010486-19-8	27
5		Pentaerythritol	136	C5H12O4	000115-77-5	22



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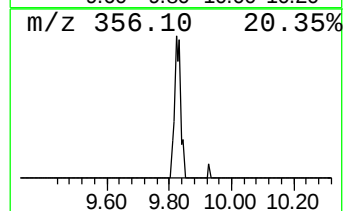
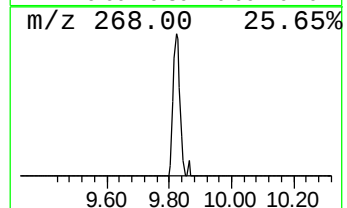
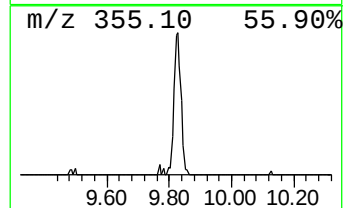
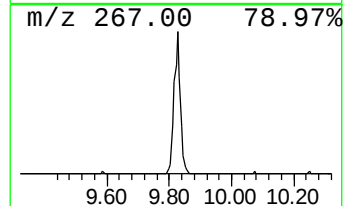
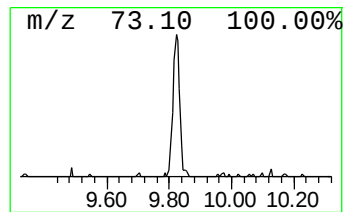
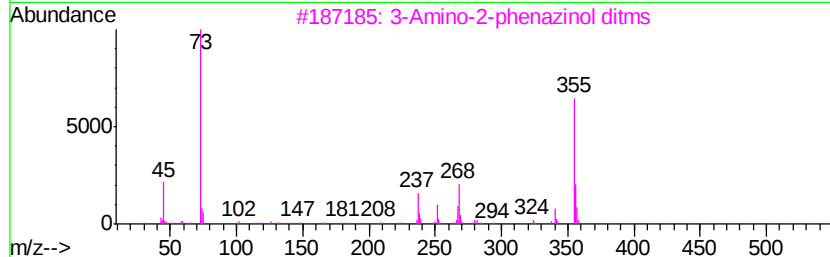
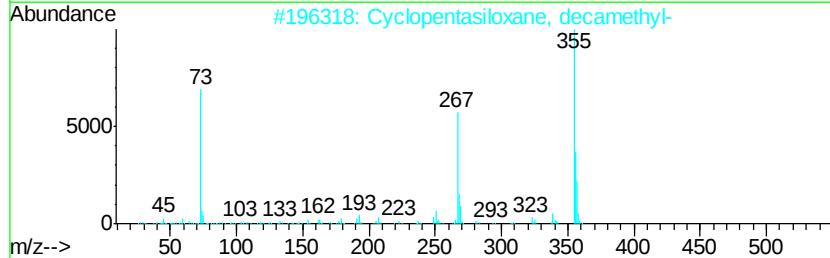
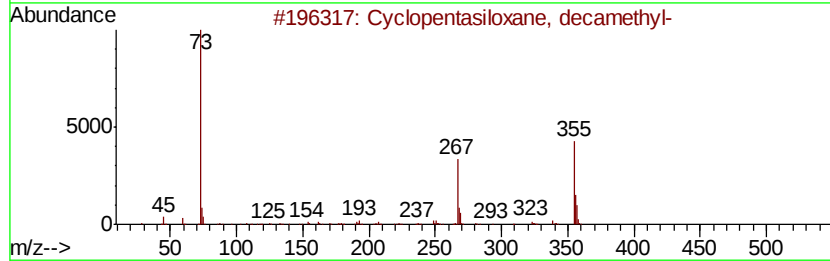
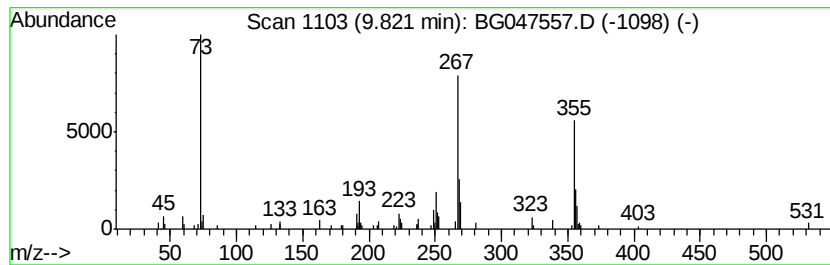
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	4.28 ng/ul	69745	Naphthalene-d8	11.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
3		3-Amino-2-phenazinol ditms	355	C18H25N3OSi2	1000332-15-5	43
4		3-(3,4-Dihydroxyphenyl)-2-isothi...	411	C18H29N04SSi2	1000071-99-1	43
5		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	38



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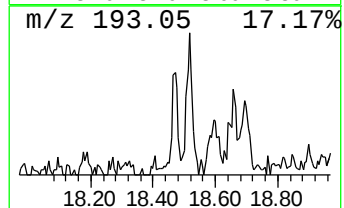
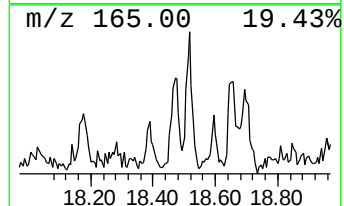
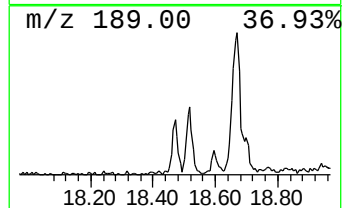
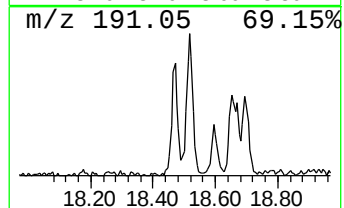
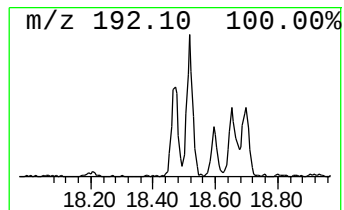
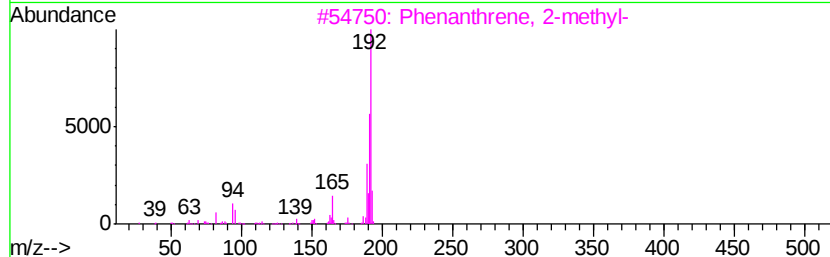
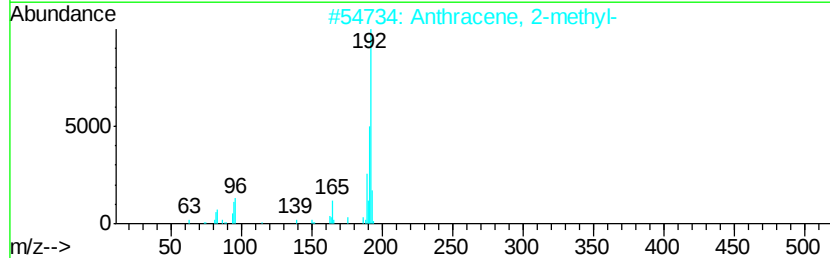
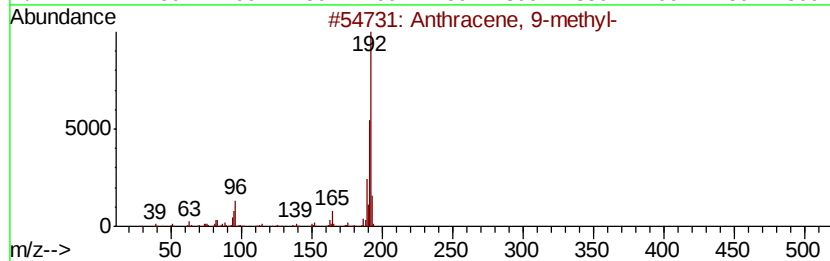
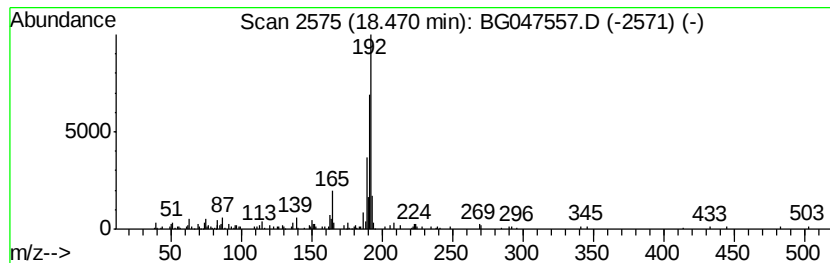
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Peak Number 3 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.09 ng/ul	107221	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047557.D
Acq On : 4 Dec 2020 4:11
Operator : CG/JU
Sample : L4855-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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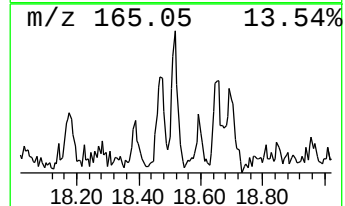
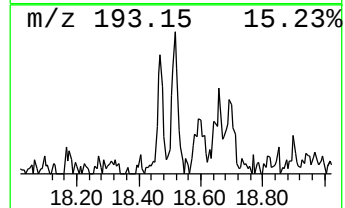
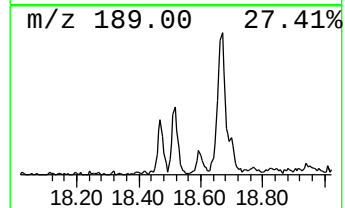
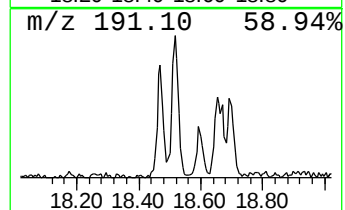
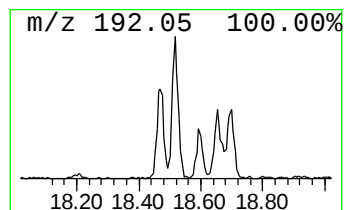
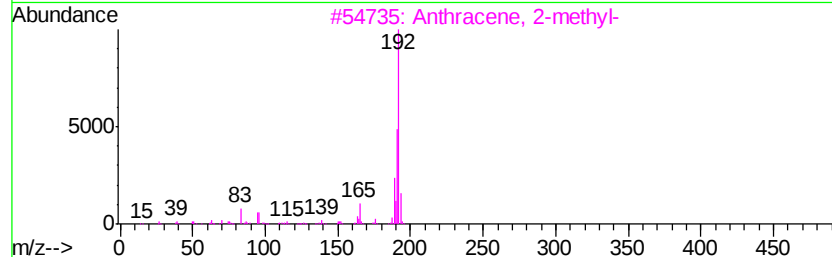
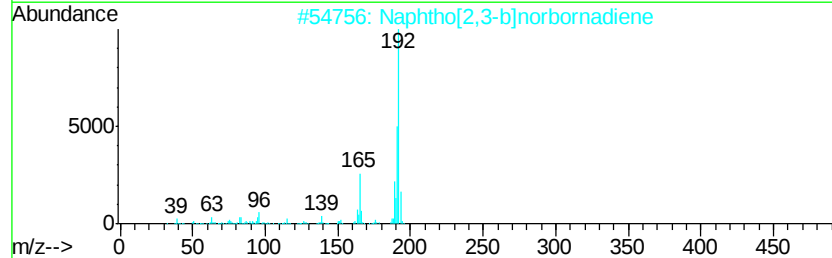
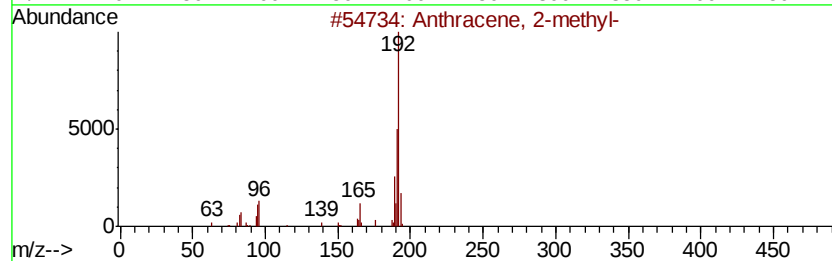
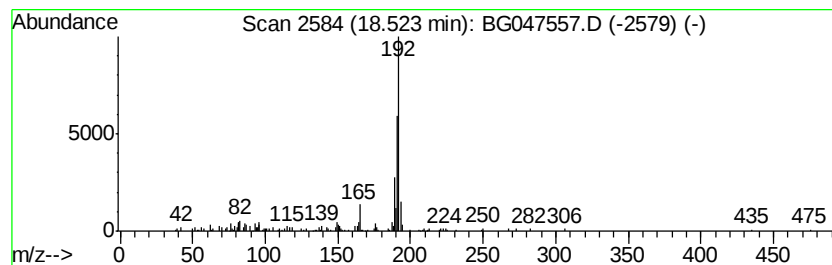
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	5.94 ng/ul	155615	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047557.D
Acq On : 4 Dec 2020 4:11
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Sample : L4855-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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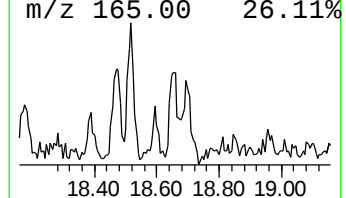
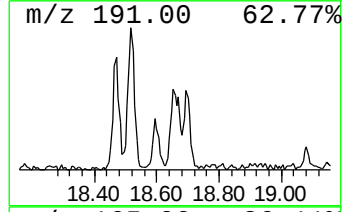
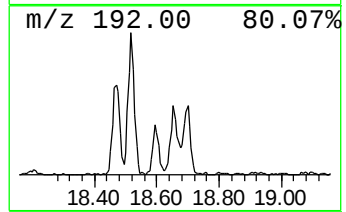
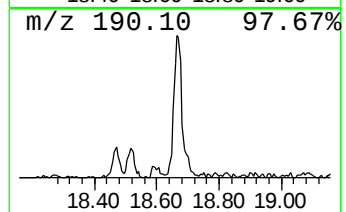
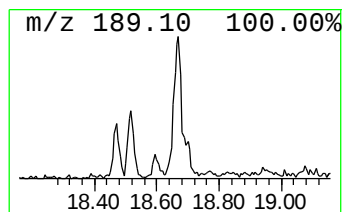
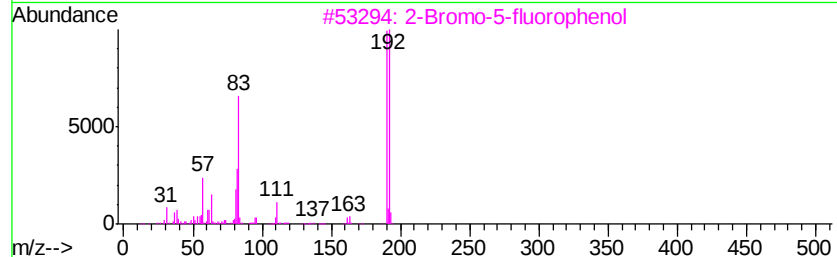
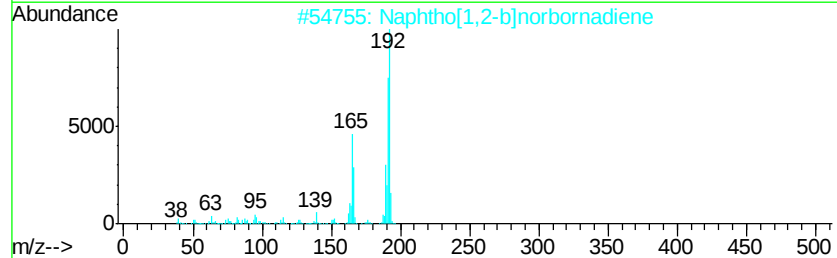
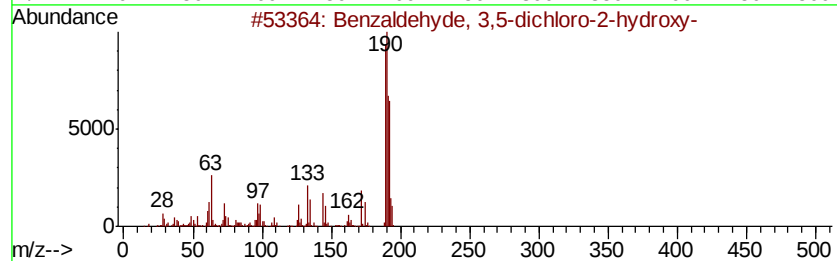
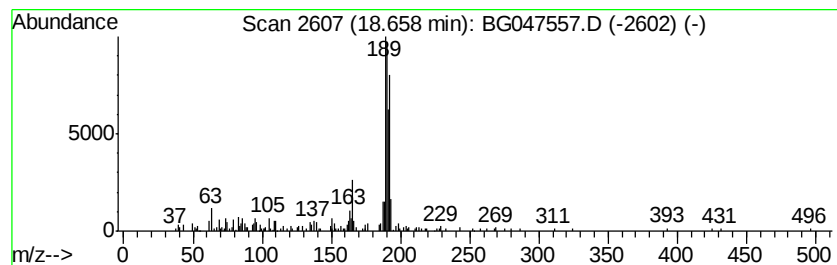
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	6.20 ng/ul	162403	Phenanthrene-d10	17.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
3		2-Bromo-5-fluorophenol	190	C6H4BrFO	147460-41-1	43
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047557.D
Acq On : 4 Dec 2020 4:11
Operator : CG/JU
Sample : L4855-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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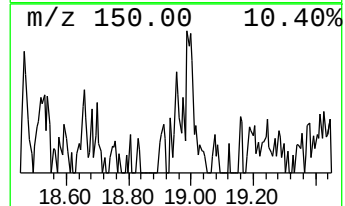
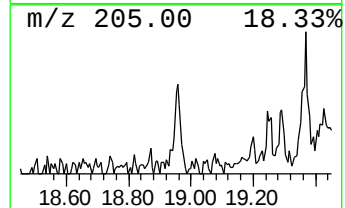
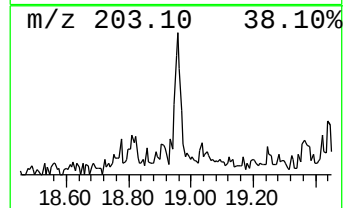
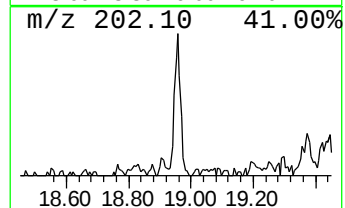
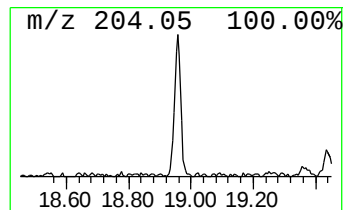
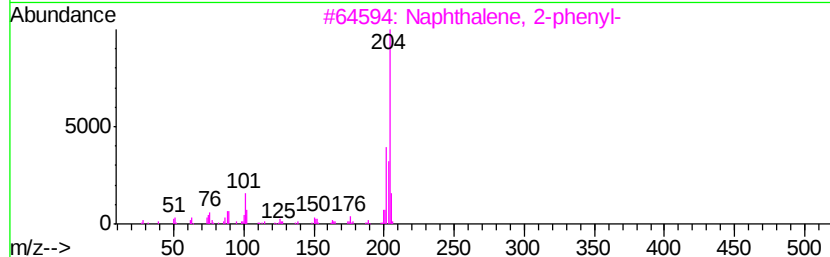
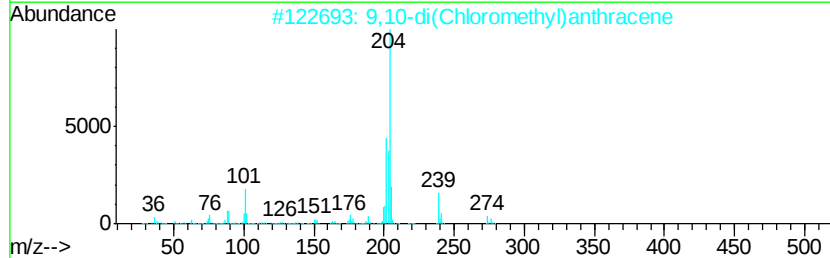
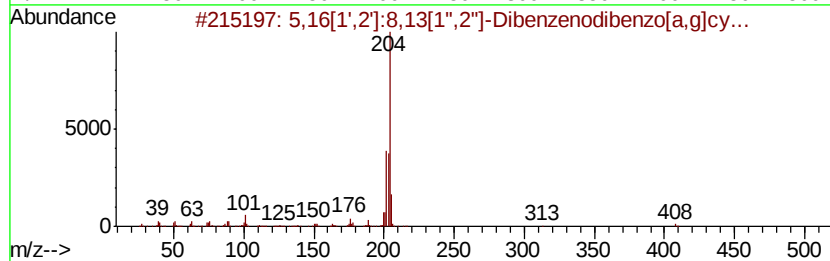
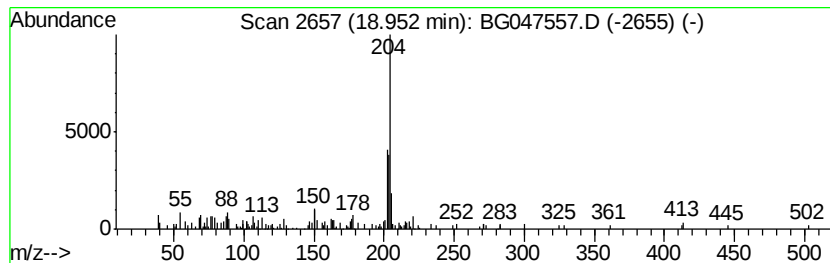
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	2.00 ng/ul	52495	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	64
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047557.D
Acq On : 4 Dec 2020 4:11
Operator : CG/JU
Sample : L4855-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

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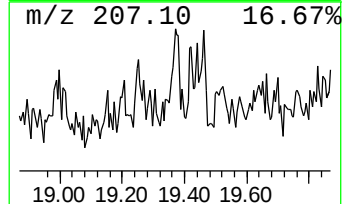
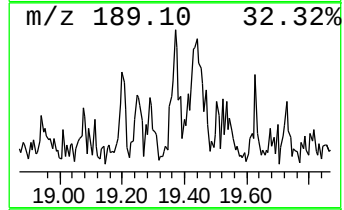
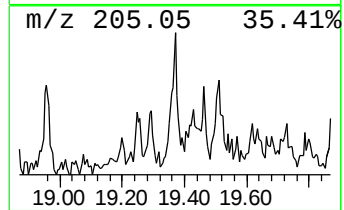
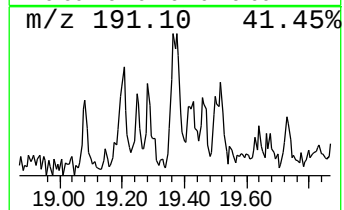
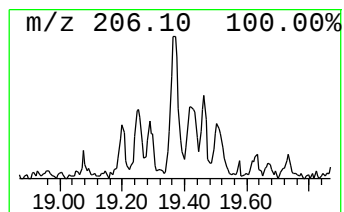
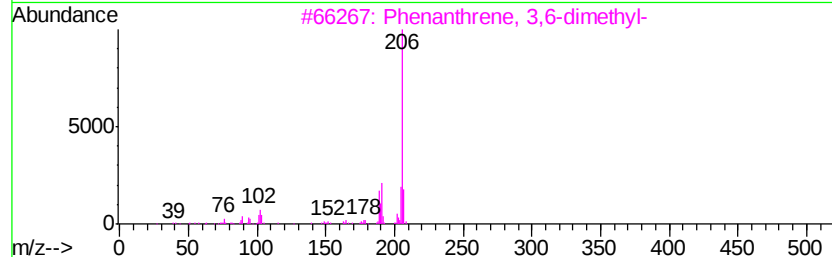
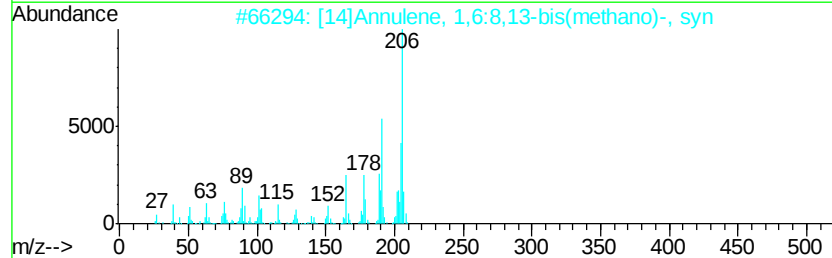
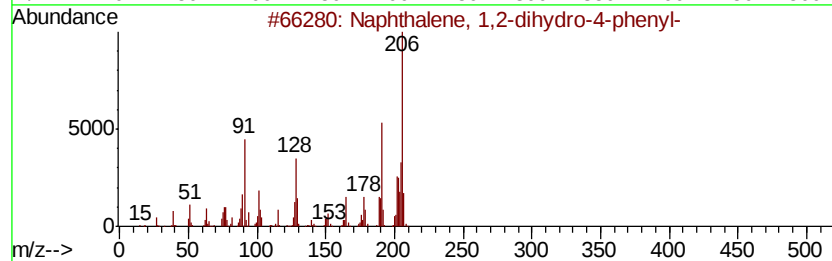
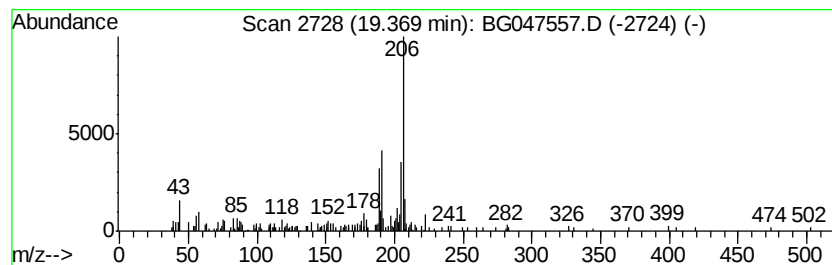
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1,2-dihydro-4-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	3.08 ng/ul	80700	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
2		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	90
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047557.D
Acq On : 4 Dec 2020 4:11
Operator : CG/JU
Sample : L4855-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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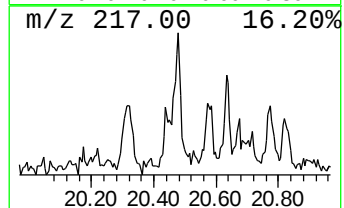
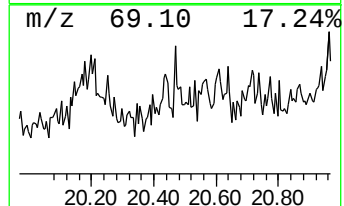
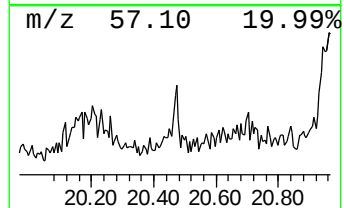
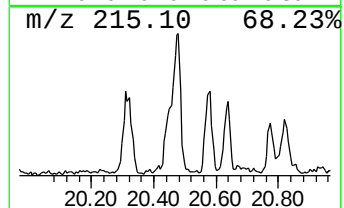
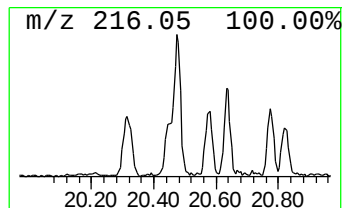
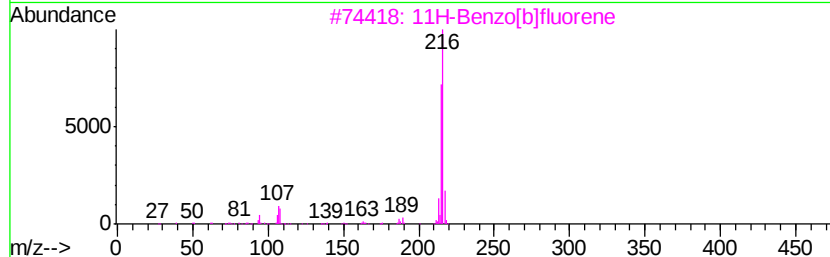
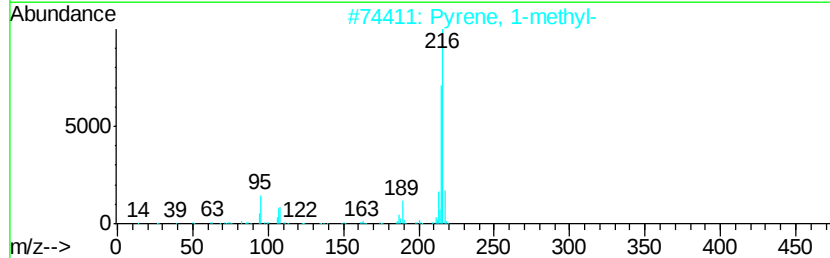
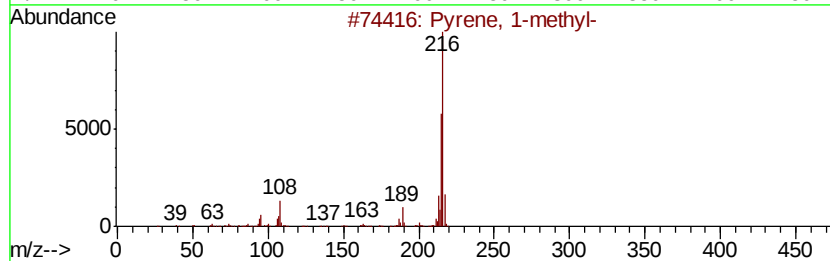
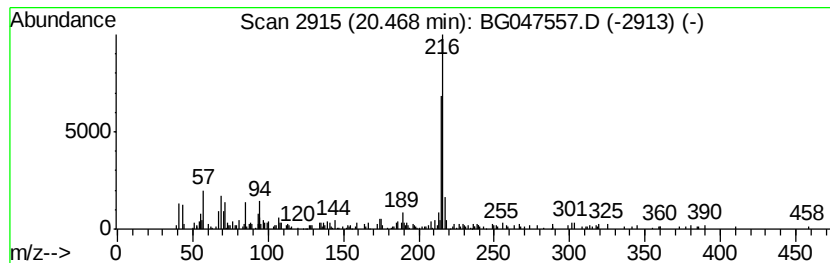
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	2.66 ng/ul	136817	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047557.D
Acq On : 4 Dec 2020 4:11
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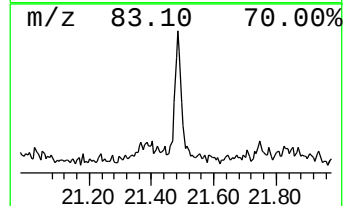
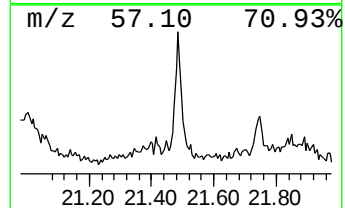
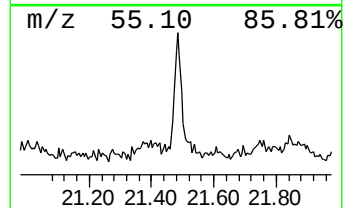
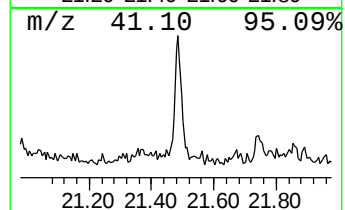
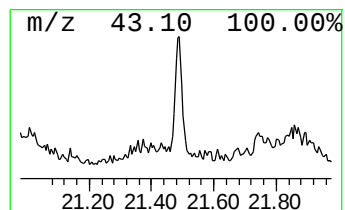
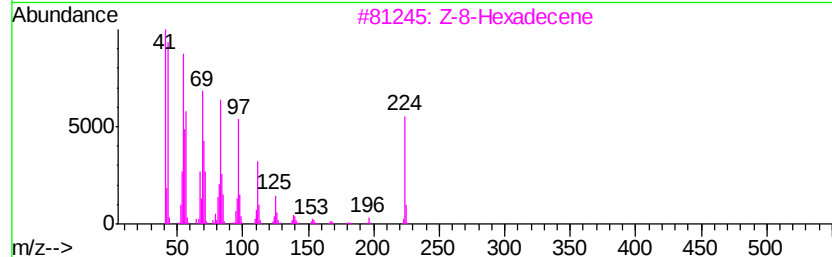
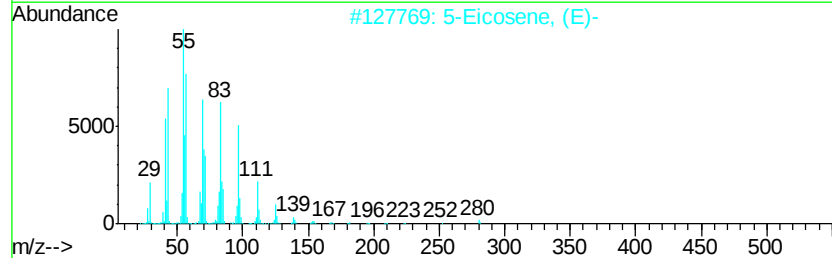
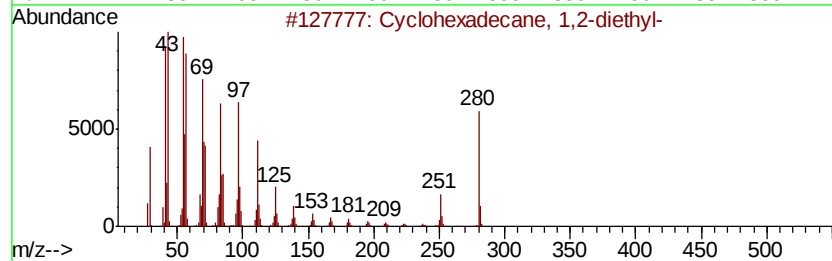
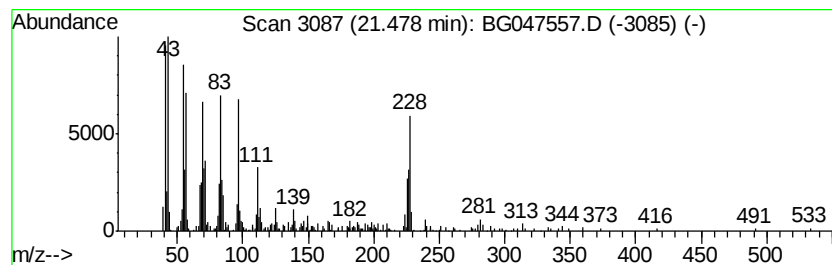
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic21.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	6.20 ng/ul	318351	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3		Z-8-Hexadecene	224	C16H32	1000130-87-5	89
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	83
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120320\
Data File : BG047557.D
Acq On : 4 Dec 2020 4:11
Operator : CG/JU
Sample : L4855-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.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
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Cyclopentasiloxan...	9.82	4.3	ng/ul	69745	2	11.08	325576	20.0
Anthracene, 9-met...	18.47	4.1	ng/ul	107221	4	17.60	523795	20.0
Anthracene, 2-met...	18.52	5.9	ng/ul	155615	4	17.60	523795	20.0
Benzaldehyde, 3,5...	18.66	6.2	ng/ul	162403	4	17.60	523795	20.0
5,16[1',2']:8,13[...	18.95	2.0	ng/ul	52495	4	17.60	523795	20.0
Naphthalene, 1,2-...	19.37	3.1	ng/ul	80700	4	17.60	523795	20.0
Pyrene, 1-methyl-	20.47	2.7	ng/ul	136817	5	21.88	1027050	20.0
(DEL) Alkane: Cyc...	21.48	6.2	ng/ul	318351	5	21.88	1027050	20.0