

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009552.D
 Acq On : 04 Feb 2020 05:21
 Operator : CG/JU
 Sample : L1271-11DL 25X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT02DL

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_N\METHODS\SOM-EPA-BN020320MA.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	7.440	751	757	767	rBV	570679	903195	11.96%	1.147%
2	10.193	1216	1225	1231	rBV	823960	1340337	17.75%	1.702%
3	11.645	1467	1472	1478	rVV	233193	350013	4.64%	0.444%
4	11.751	1485	1490	1499	rVB	63751	125897	1.67%	0.160%
5	11.863	1499	1509	1519	rVB2	94111	193929	2.57%	0.246%
6	12.087	1536	1547	1558	rBV	4419740	6739701	89.28%	8.558%
7	12.481	1609	1614	1620	rVV3	65678	117318	1.55%	0.149%
8	12.898	1678	1685	1696	rBV2	747257	1461239	19.36%	1.856%
9	13.098	1713	1719	1722	rBV2	348284	584041	7.74%	0.742%
10	13.234	1733	1742	1744	rBV	2002163	3158253	41.84%	4.011%
11	13.398	1760	1770	1775	rBV	2380938	4235518	56.10%	5.379%
12	13.451	1775	1779	1786	rVV	1401975	2067466	27.39%	2.625%
13	13.528	1788	1792	1799	rVV	204976	340172	4.51%	0.432%
14	13.634	1805	1810	1814	rVV	1131281	1692814	22.42%	2.150%
15	13.663	1814	1815	1821	rVB	302082	300651	3.98%	0.382%
16	13.798	1827	1838	1846	rBV2	1216207	2072417	27.45%	2.632%
17	14.016	1867	1875	1878	rBV	161791	238849	3.16%	0.303%
18	14.075	1878	1885	1891	rVV3	1403130	2685112	35.57%	3.410%
19	14.139	1891	1896	1899	rVV2	296904	448390	5.94%	0.569%
20	14.175	1899	1902	1907	rVV	327682	443134	5.87%	0.563%
21	14.298	1916	1923	1930	rVV	307333	667654	8.84%	0.848%
22	14.357	1930	1933	1935	rVV	79070	116649	1.55%	0.148%
23	14.381	1935	1937	1945	rVB	104188	138393	1.83%	0.176%
24	14.486	1945	1955	1962	rBV2	515333	1002346	13.28%	1.273%
25	14.569	1962	1969	1973	rVV	428987	626724	8.30%	0.796%
26	14.704	1984	1992	1997	rBV4	292893	638054	8.45%	0.810%
27	14.763	1997	2002	2007	rVB	366427	473766	6.28%	0.602%
28	14.863	2013	2019	2020	rBV2	137108	196871	2.61%	0.250%
29	14.881	2020	2022	2025	rVV	212729	268641	3.56%	0.341%
30	14.910	2025	2027	2031	rVV2	103564	165134	2.19%	0.210%
31	14.957	2031	2035	2040	rVV2	185360	357441	4.73%	0.454%
32	15.016	2040	2045	2051	rVV2	515781	951053	12.60%	1.208%
33	15.075	2051	2055	2060	rVV2	391665	614736	8.14%	0.781%
34	15.134	2060	2065	2071	rVV	1288966	1942086	25.73%	2.466%

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35	15.181	2071	2073	2079	rVV2	170123	252384	3.34%	0.320%
36	15.233	2079	2082	2084	rVV	93634	136401	1.81%	0.173%
37	15.263	2084	2087	2090	rVV4	195926	294158	3.90%	0.374%
38	15.292	2090	2092	2097	rVV3	96011	145415	1.93%	0.185%
39	15.363	2098	2104	2111	rVB9	92553	236404	3.13%	0.300%
40	15.433	2111	2116	2124	rBV	251565	394289	5.22%	0.501%
41	15.586	2135	2142	2150	rVB2	132650	346494	4.59%	0.440%
42	15.669	2150	2156	2162	rVB3	71630	116211	1.54%	0.148%
43	15.833	2176	2184	2188	rBV4	123724	271275	3.59%	0.344%
44	16.145	2224	2237	2241	rVV2	324334	864963	11.46%	1.098%
45	16.192	2241	2245	2251	rVV	381206	570177	7.55%	0.724%
46	16.292	2257	2262	2268	rVV3	148804	271955	3.60%	0.345%
47	16.381	2273	2277	2280	rVV4	74504	136372	1.81%	0.173%
48	16.416	2280	2283	2287	rVV4	103652	161452	2.14%	0.205%
49	16.492	2292	2296	2304	rVV2	173556	270274	3.58%	0.343%
50	16.575	2304	2310	2315	rVV4	59901	115594	1.53%	0.147%
51	16.651	2315	2323	2328	rVV	291076	497003	6.58%	0.631%
52	16.833	2346	2354	2357	rBV	1427728	2043205	27.06%	2.595%
53	16.875	2357	2361	2367	rVV	5514704	7549277	100.00%	9.587%
54	16.933	2367	2371	2373	rVV3	71427	116394	1.54%	0.148%
55	16.963	2373	2376	2382	rVV	191121	265017	3.51%	0.337%
56	17.033	2382	2388	2393	rVV2	99284	179053	2.37%	0.227%
57	17.151	2406	2408	2413	rVB	88195	106119	1.41%	0.135%
58	17.363	2439	2444	2447	rBV2	130491	178191	2.36%	0.226%
59	17.416	2447	2453	2459	rVV3	161480	268528	3.56%	0.341%
60	17.522	2465	2471	2474	rBV4	131826	224730	2.98%	0.285%
61	17.557	2474	2477	2485	rVB	93939	158106	2.09%	0.201%
62	17.633	2485	2490	2493	rBV2	80719	110452	1.46%	0.140%
63	17.710	2497	2503	2507	rVV	1259228	1750630	23.19%	2.223%
64	17.757	2507	2511	2517	rVV	1451267	1833123	24.28%	2.328%
65	17.898	2529	2535	2539	rBV2	930340	1476761	19.56%	1.875%
66	17.939	2539	2542	2547	rVB	663488	832027	11.02%	1.057%
67	18.216	2585	2589	2593	rVV	528134	742236	9.83%	0.943%
68	18.257	2593	2596	2607	rVB	514196	739129	9.79%	0.939%
69	18.469	2628	2632	2637	rVV3	167119	263698	3.49%	0.335%
70	18.516	2637	2640	2644	rVV	148757	189382	2.51%	0.240%
71	18.557	2644	2647	2652	rVB	90943	116012	1.54%	0.147%

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72	18.645	2656	2662	2667	rBV3	496012	852056	11.29%	1.082%
73	18.698	2667	2671	2674	rVV3	154163	259484	3.44%	0.330%
74	18.733	2674	2677	2680	rVB	132554	152997	2.03%	0.194%
75	18.780	2680	2685	2694	rBV3	166035	364125	4.82%	0.462%
76	18.898	2698	2705	2713	rVB	1063882	1588288	21.04%	2.017%
77	18.974	2714	2718	2721	rBV	137407	184111	2.44%	0.234%
78	19.051	2728	2731	2735	rVB	284152	346175	4.59%	0.440%
79	19.110	2735	2741	2745	rBV2	201325	273502	3.62%	0.347%
80	19.263	2758	2767	2772	rBV	1514409	2233547	29.59%	2.836%
81	19.351	2777	2782	2788	rVB3	138753	226221	3.00%	0.287%
82	19.604	2820	2825	2834	rBV3	192104	404488	5.36%	0.514%
83	19.686	2834	2839	2842	rVV2	105338	158633	2.10%	0.201%
84	19.745	2843	2849	2850	rVV3	174131	325080	4.31%	0.413%
85	19.769	2850	2853	2858	rVB	264409	368515	4.88%	0.468%
86	19.869	2867	2870	2876	rVV	136798	171945	2.28%	0.218%
87	19.927	2876	2880	2884	rVB	244497	303393	4.02%	0.385%
88	20.069	2900	2904	2907	rBV	162877	197935	2.62%	0.251%
89	20.116	2907	2912	2918	rVB2	205932	284045	3.76%	0.361%
90	20.521	2978	2981	2988	rVB	142628	188581	2.50%	0.239%
91	20.727	3012	3016	3019	rBV	135304	152835	2.02%	0.194%
92	20.821	3025	3032	3038	rVB2	149010	371816	4.93%	0.472%
93	21.039	3062	3069	3073	rBV2	2012024	3189724	42.25%	4.050%
94	21.080	3073	3076	3083	rVB	504522	700387	9.28%	0.889%
95	21.251	3101	3105	3110	rBV3	127094	197942	2.62%	0.251%
96	21.580	3158	3161	3165	rVV2	196455	259152	3.43%	0.329%
97	21.627	3167	3169	3176	rVB2	111270	169442	2.24%	0.215%
98	22.533	3319	3323	3335	rVB5	206791	652087	8.64%	0.828%
99	22.968	3395	3397	3402	rVB	95861	140329	1.86%	0.178%
100	23.157	3423	3429	3435	rVB	1226207	2151185	28.50%	2.732%

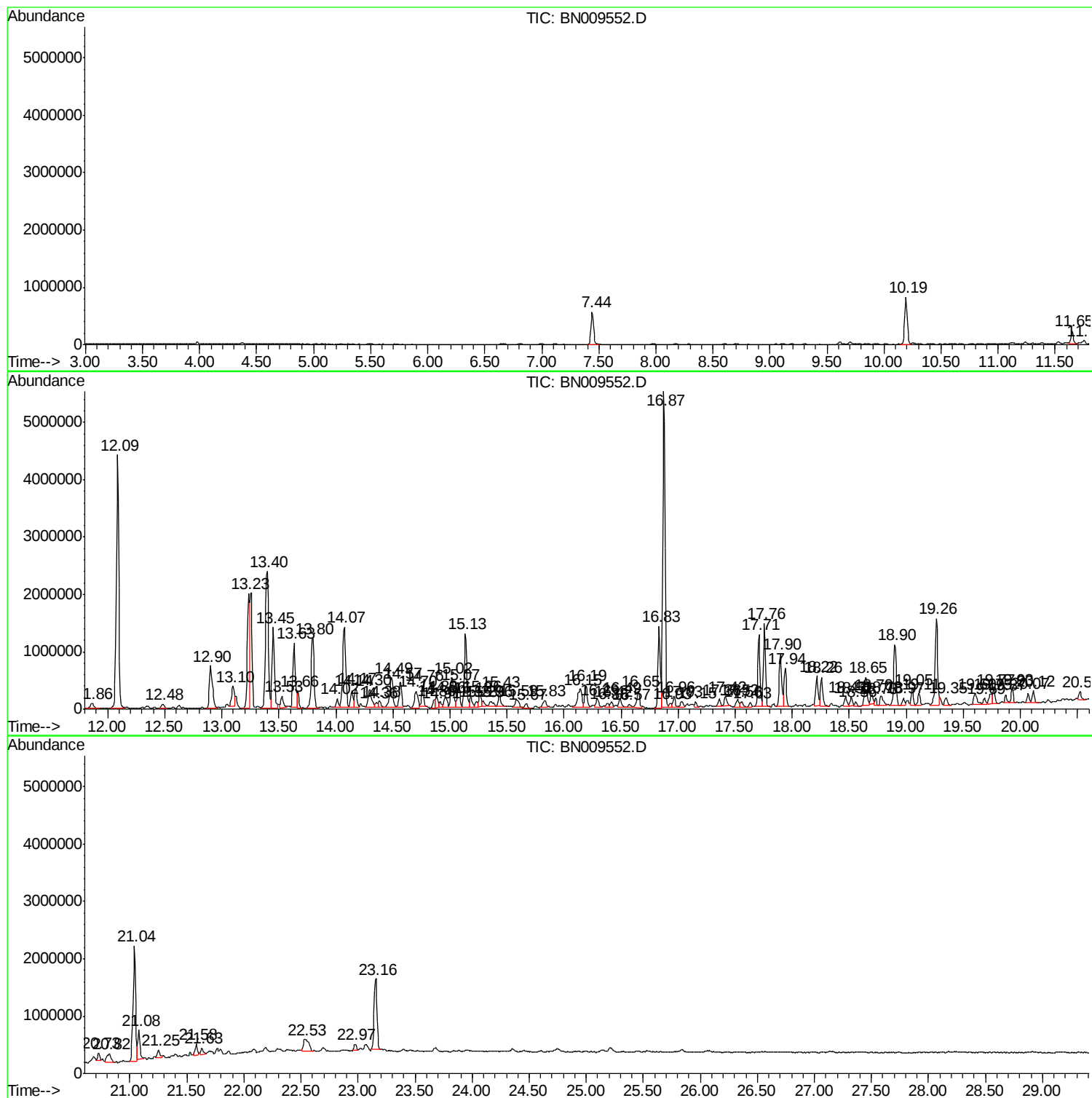
Sum of corrected areas: 78748905

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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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



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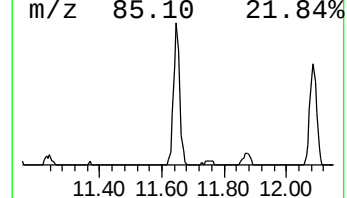
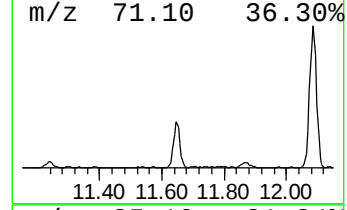
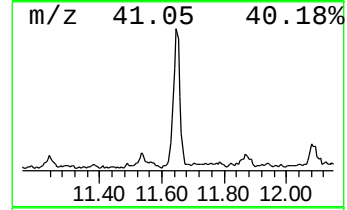
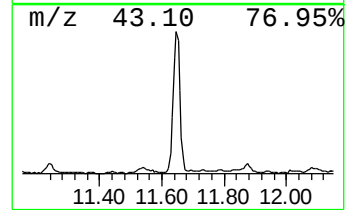
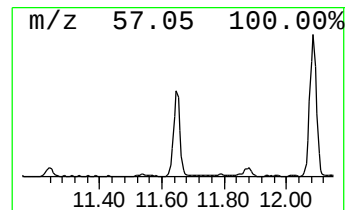
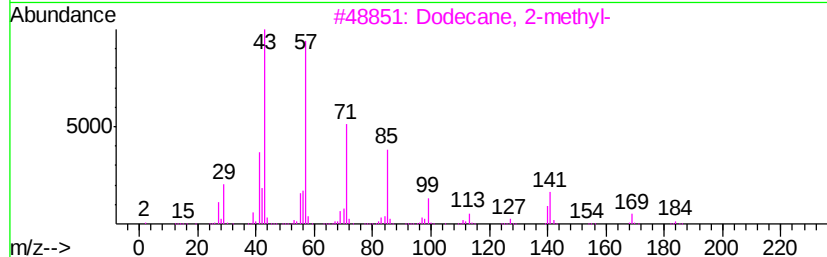
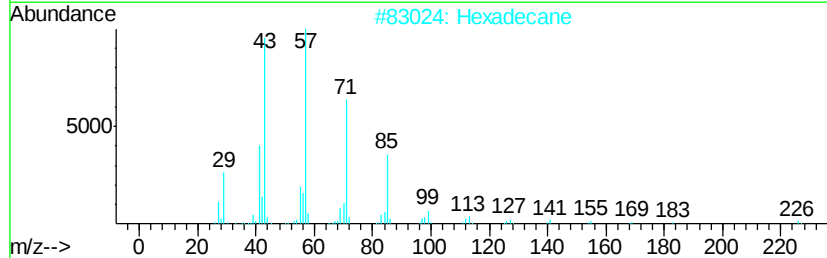
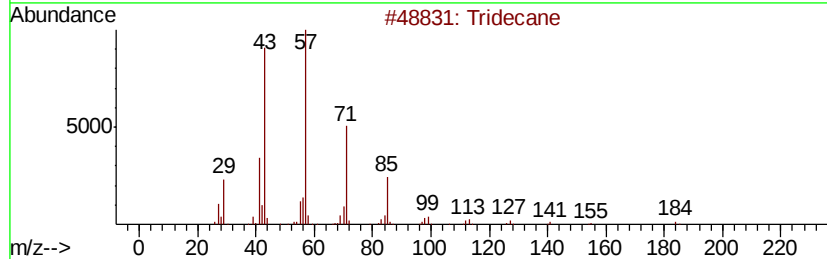
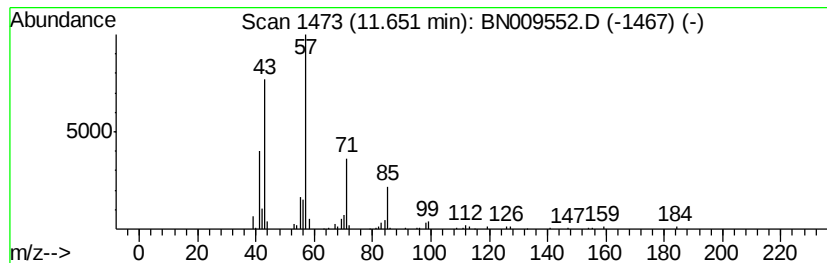
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	5.22 ng/ul	350013	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Hexadecane	226	C16H34	000544-76-3	86
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Tridecane	184	C13H28	000629-50-5	76



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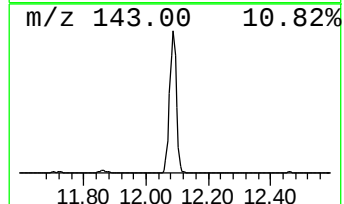
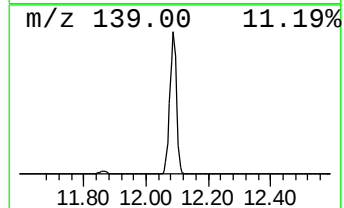
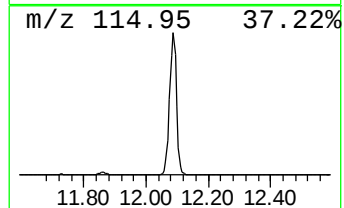
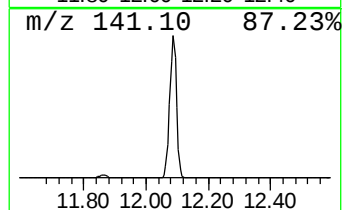
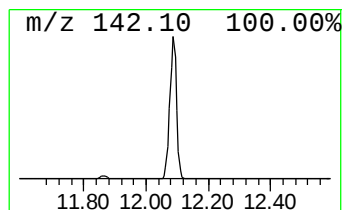
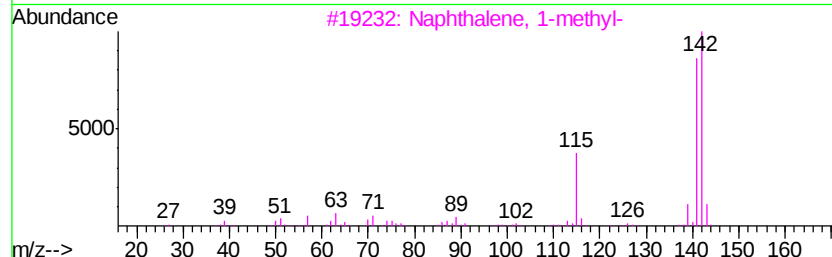
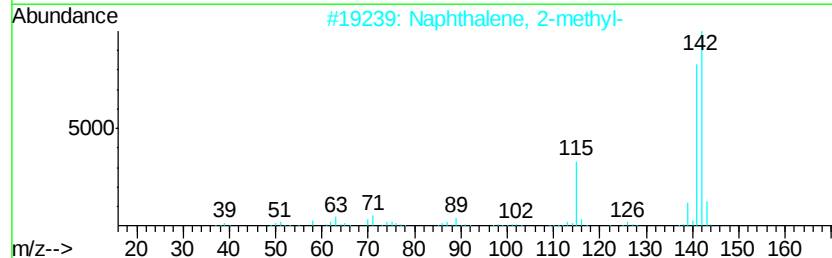
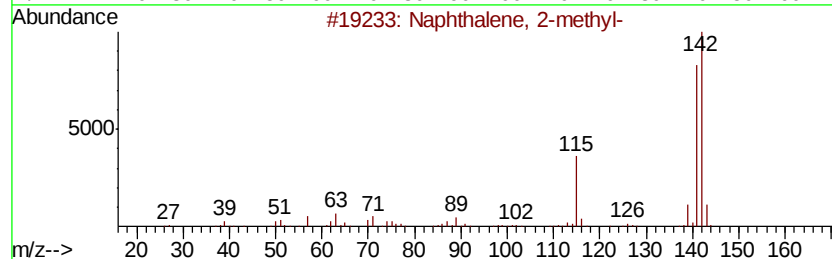
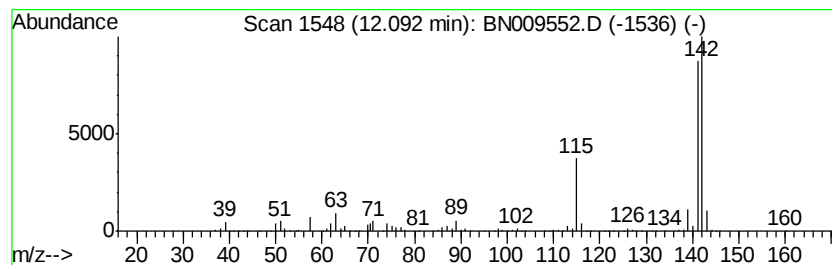
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	100.57 ng/ul	6739700	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



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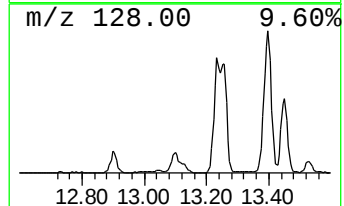
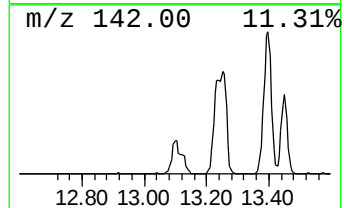
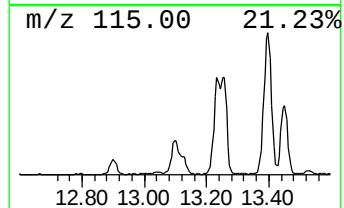
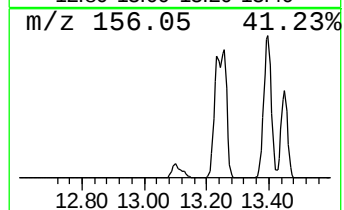
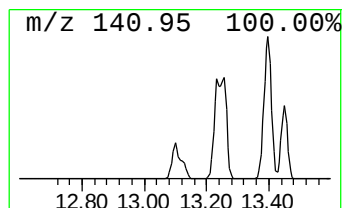
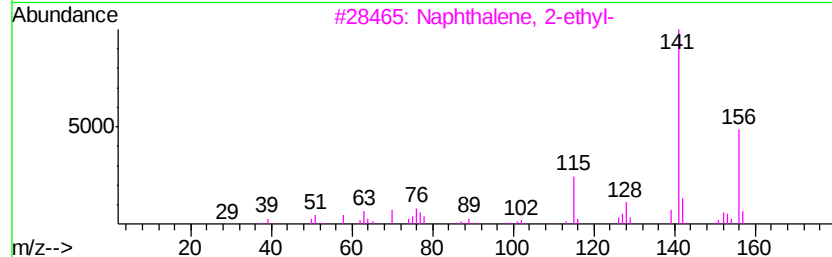
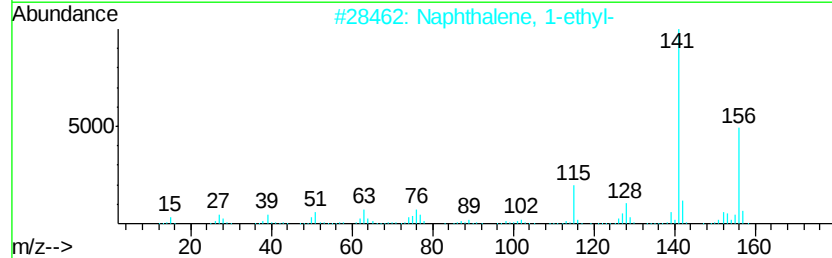
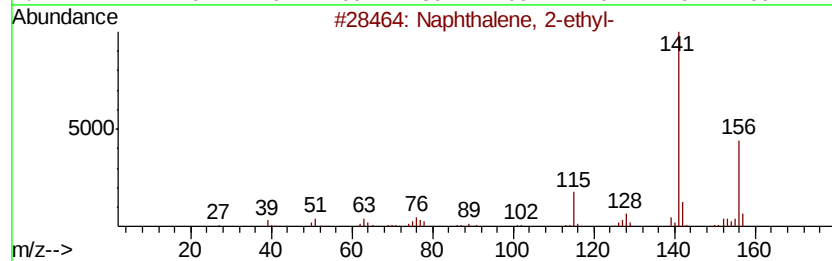
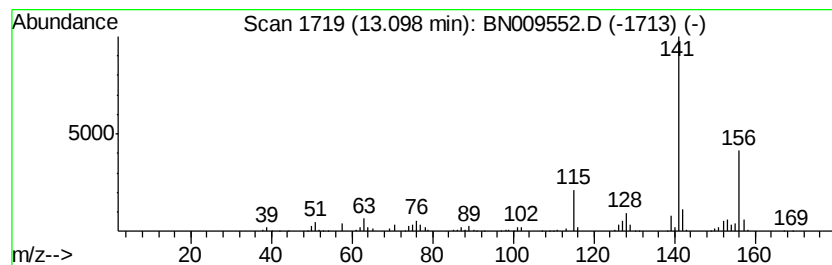
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Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	4.35 ng/ul	584041	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
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Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

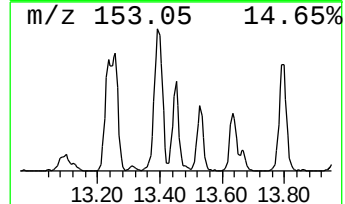
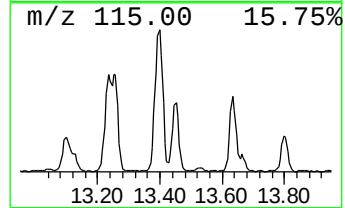
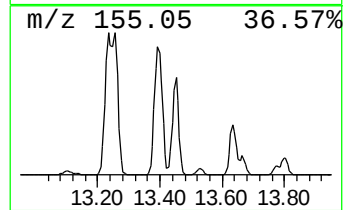
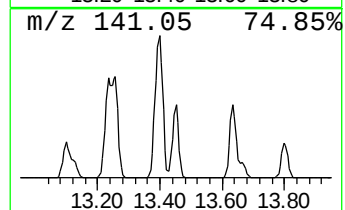
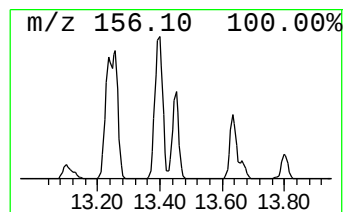
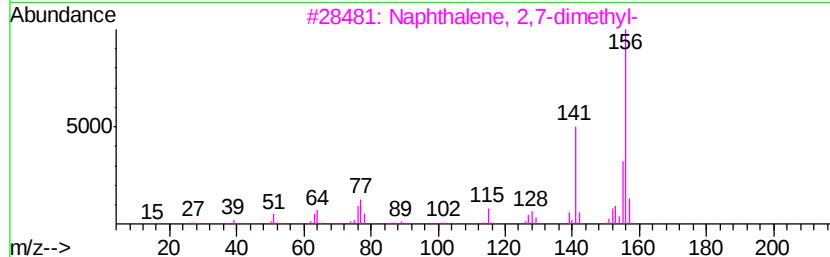
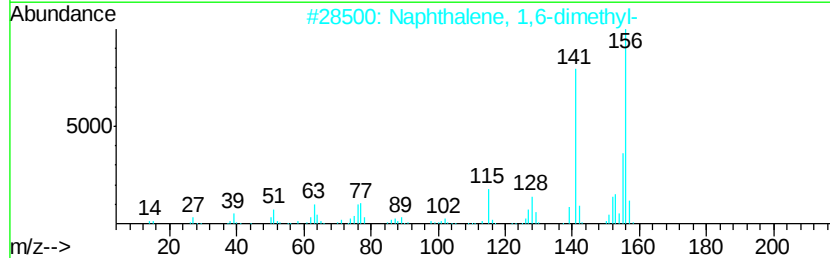
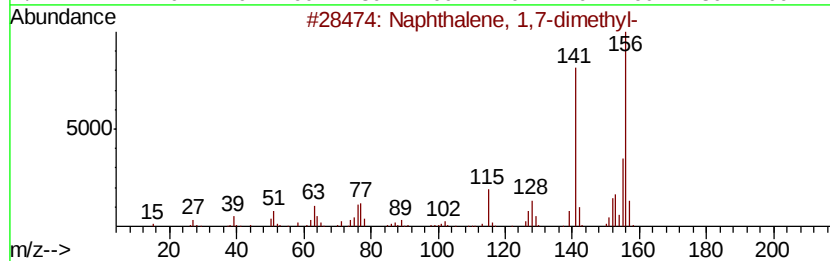
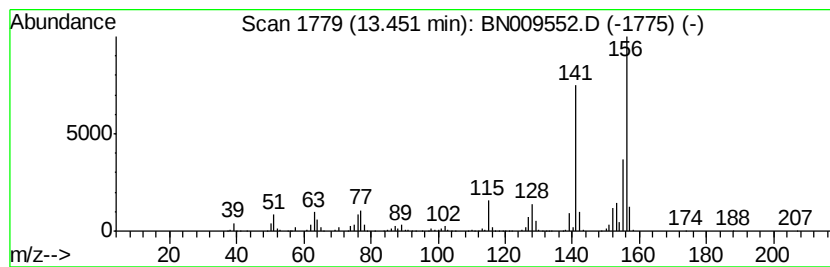
Instrument :
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ClientSampleId :
GAT02DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	15.40 ng/ul	2067470	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

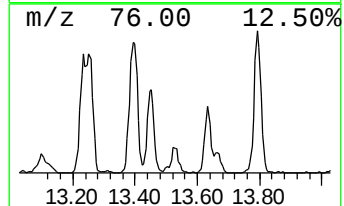
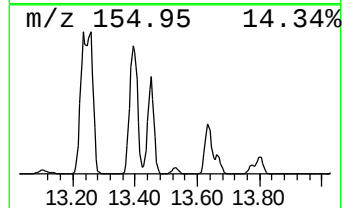
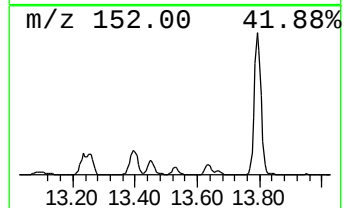
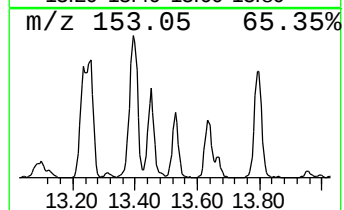
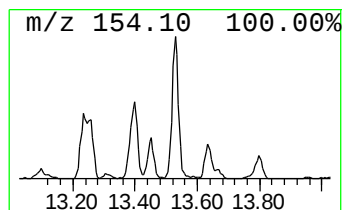
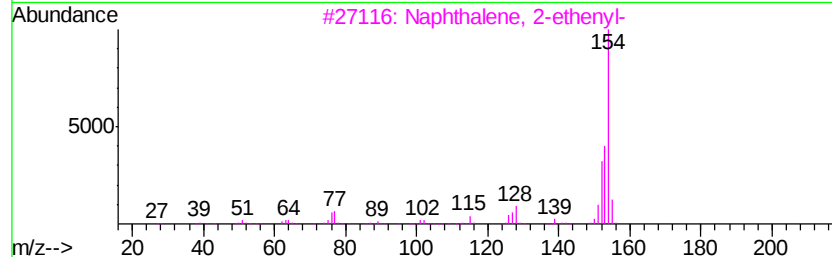
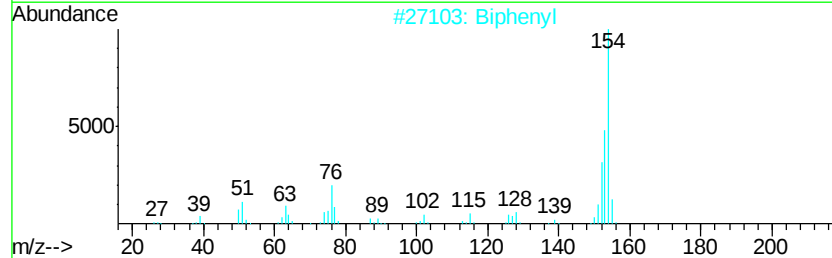
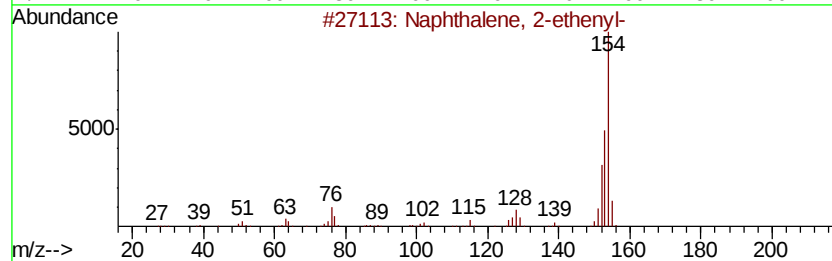
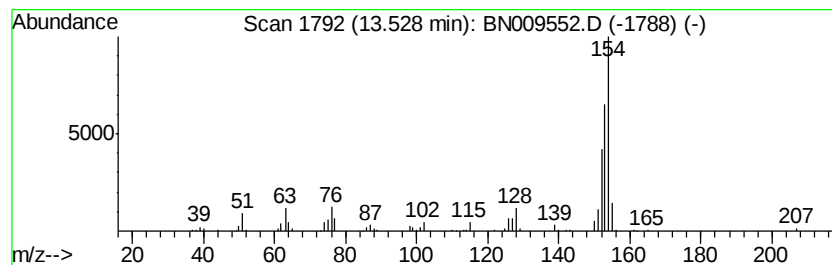
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 2-ethenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.53 ng/ul	340172	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	95
2		Biphenyl	154	C12H10	000092-52-4	89
3		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	81
4		Acenaphthene	154	C12H10	000083-32-9	70
5		Acenaphthene	154	C12H10	000083-32-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

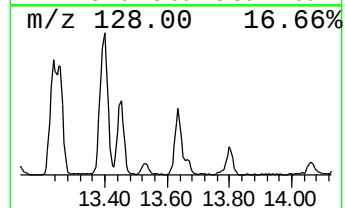
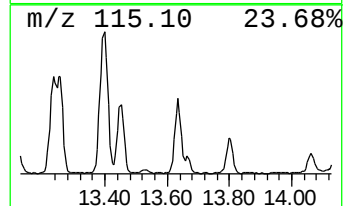
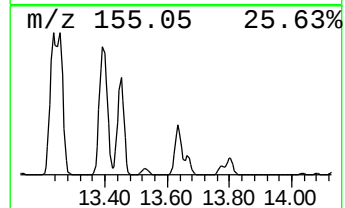
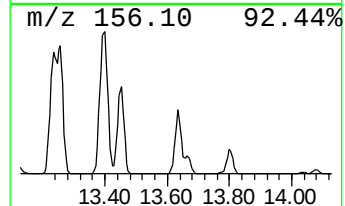
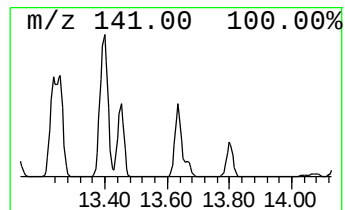
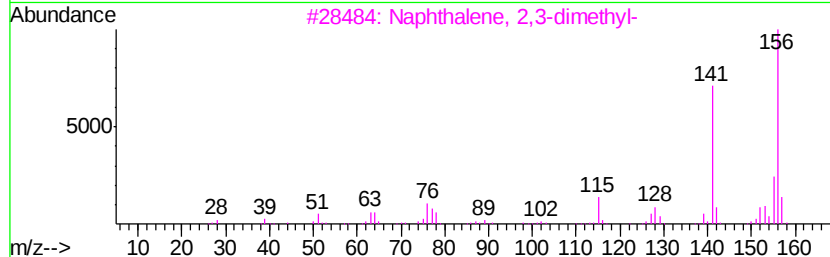
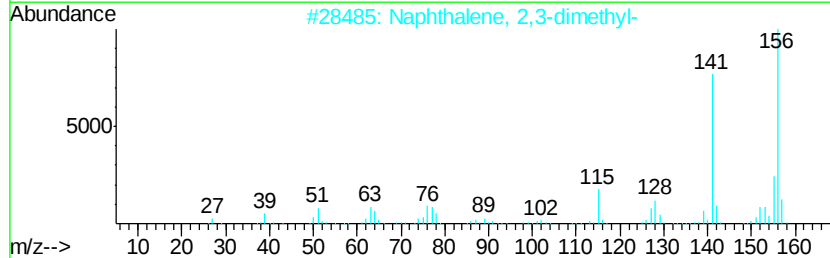
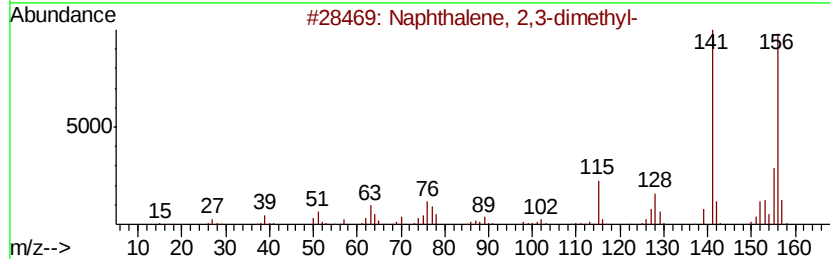
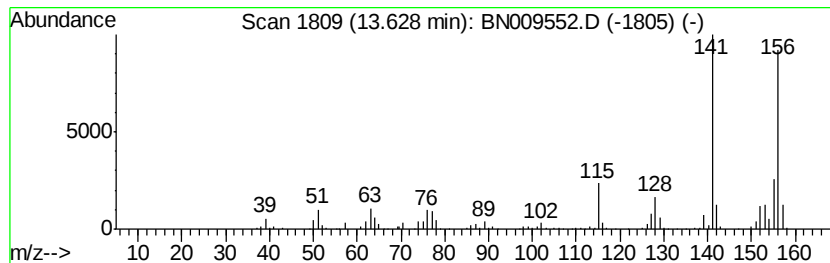
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	12.61 ng/ul	1692810	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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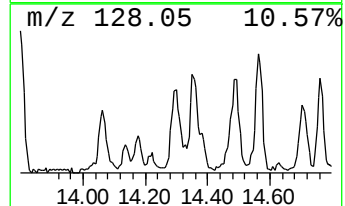
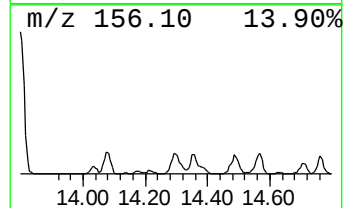
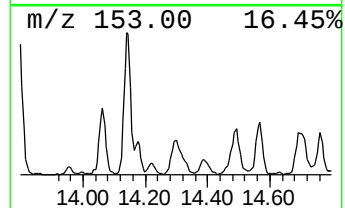
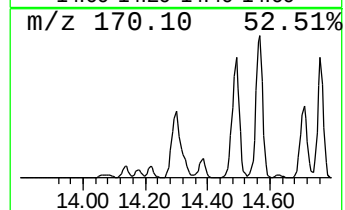
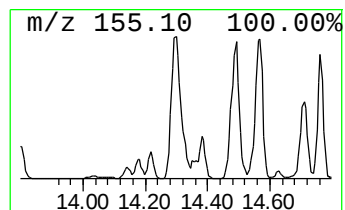
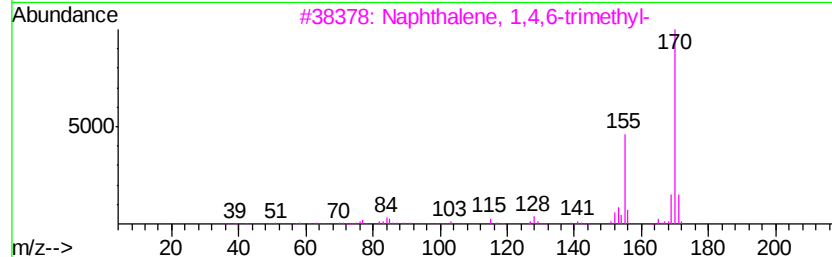
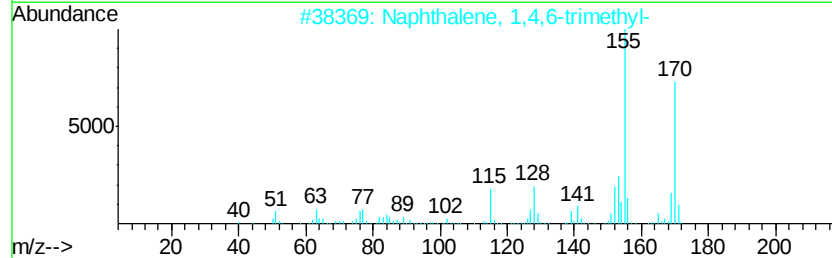
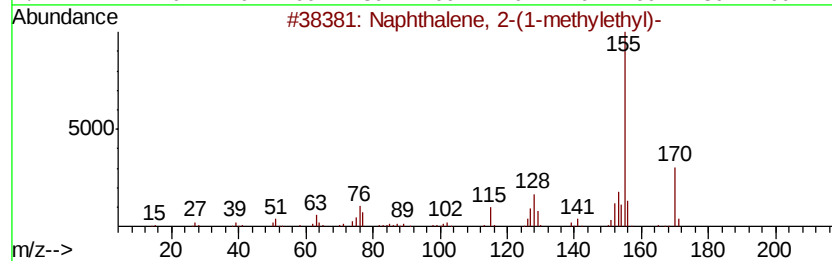
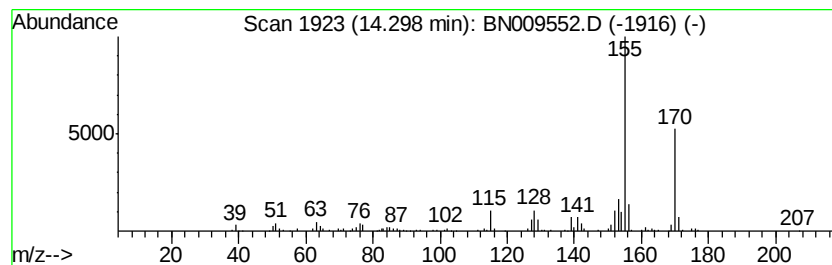
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	4.97 ng/ul	667654	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

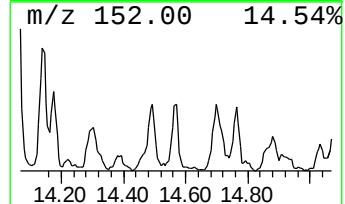
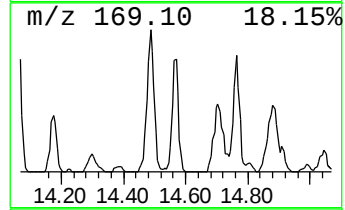
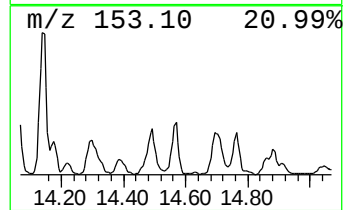
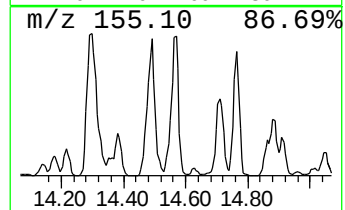
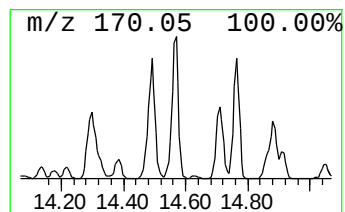
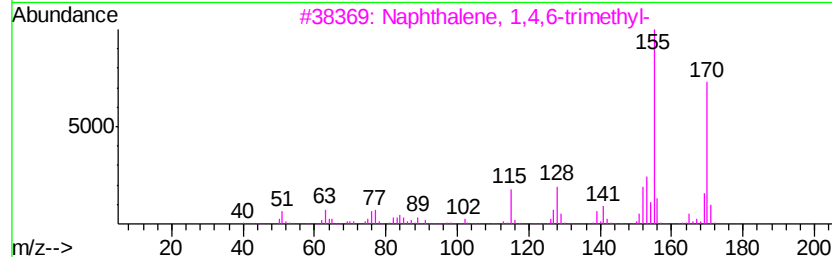
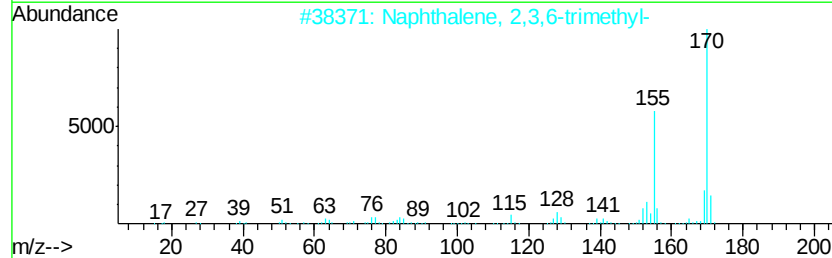
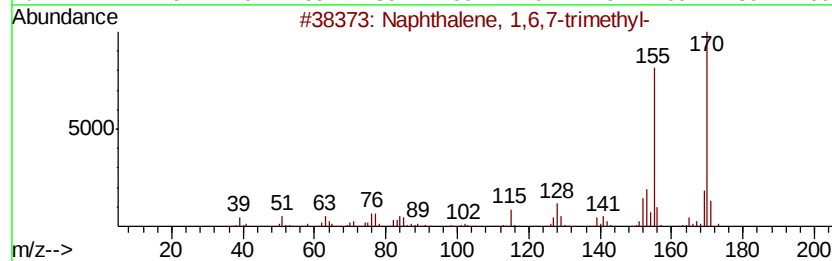
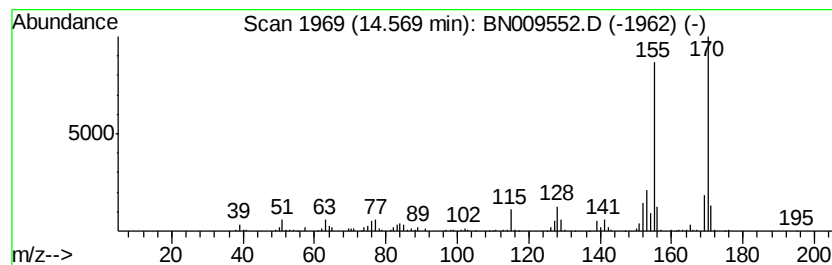
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	4.67 ng/ul	626724	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

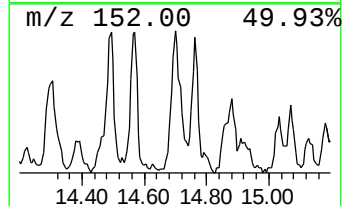
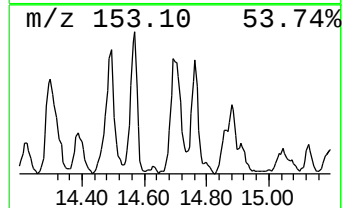
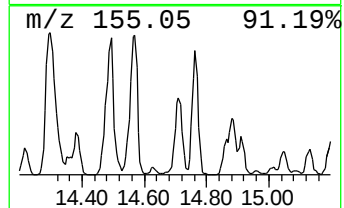
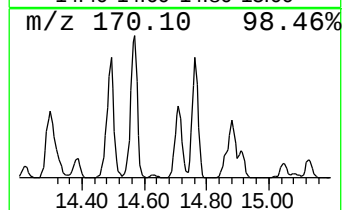
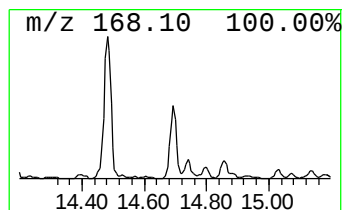
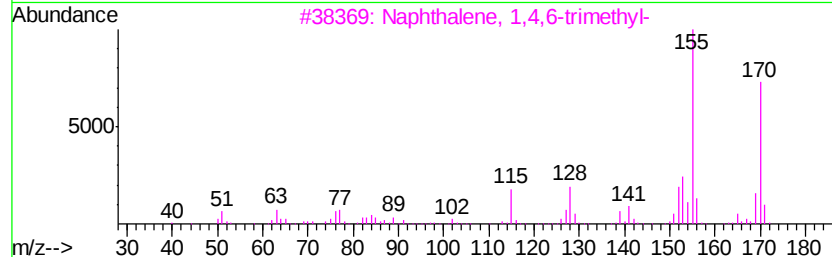
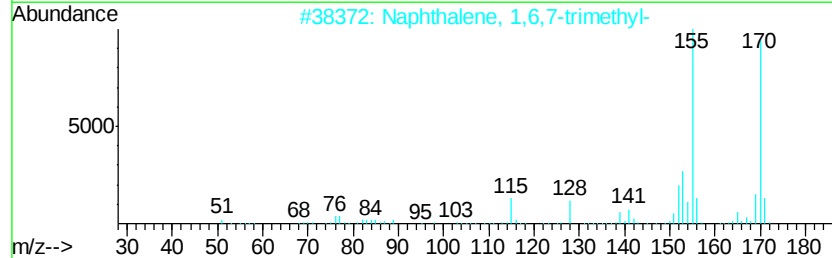
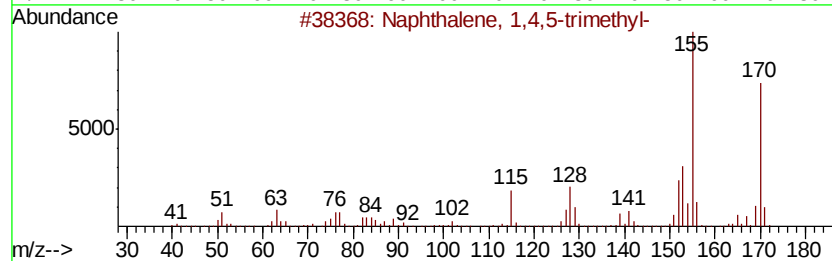
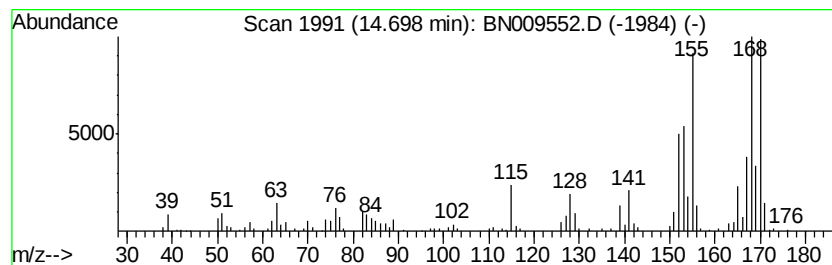
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	4.75 ng/ul	638054	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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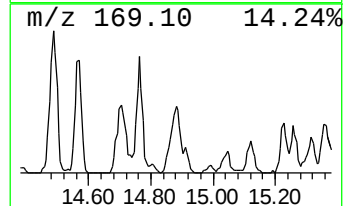
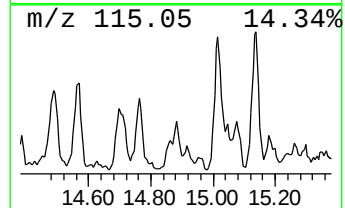
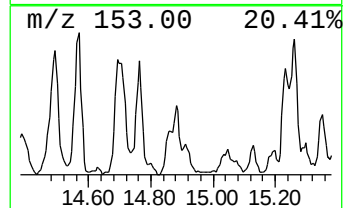
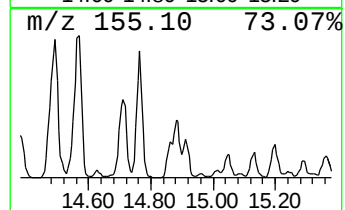
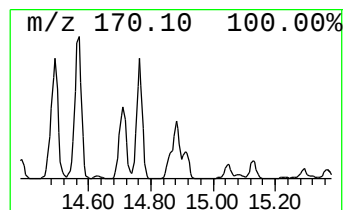
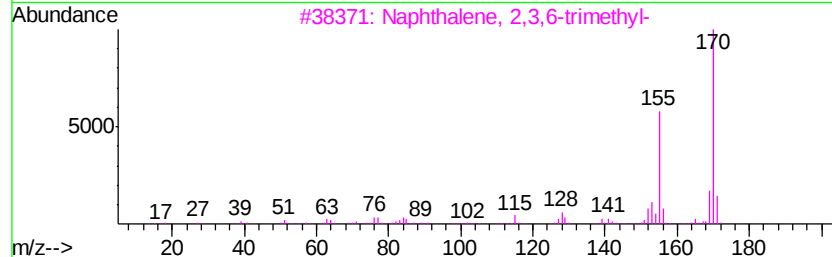
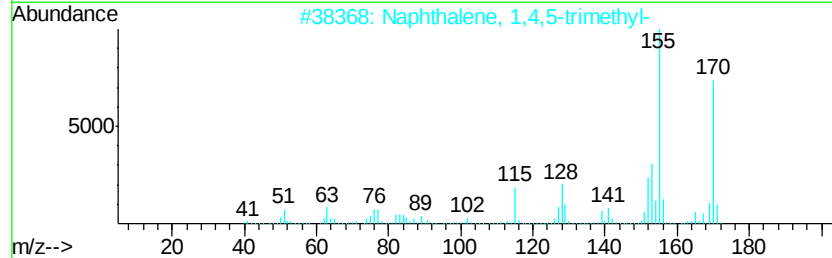
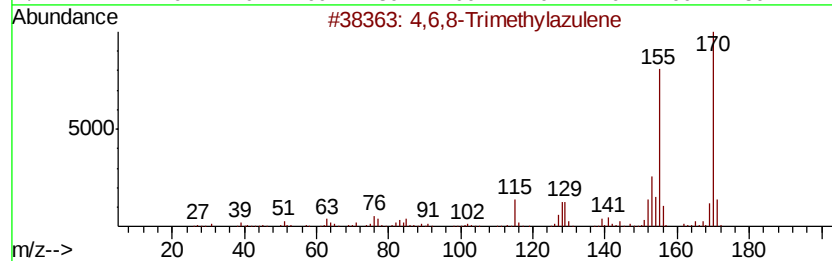
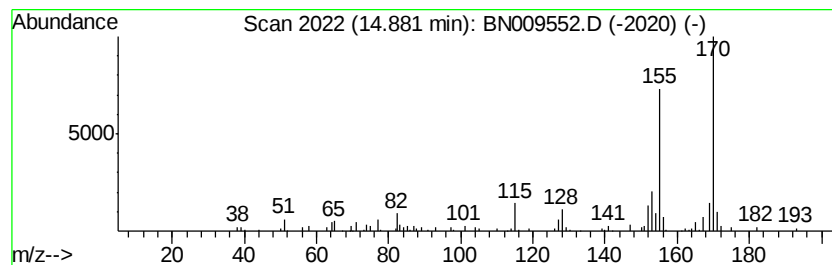
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 4,6,8-Trimethylazulene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	2.00 ng/ul	268641	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	95
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

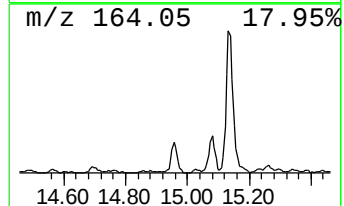
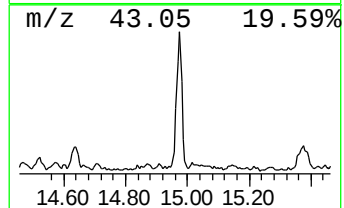
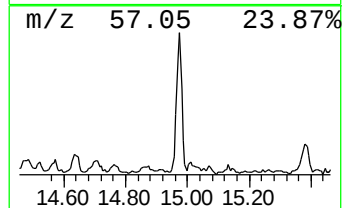
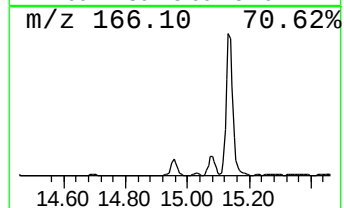
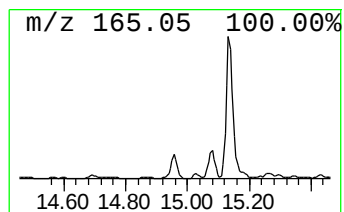
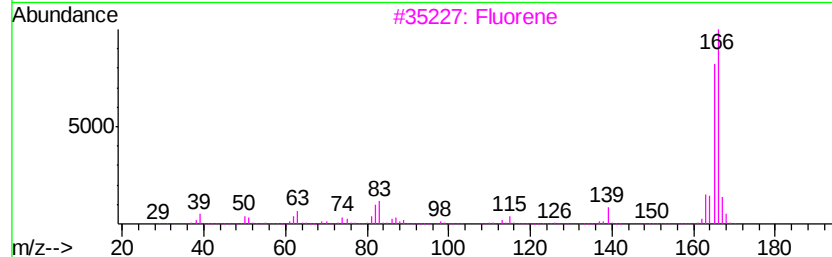
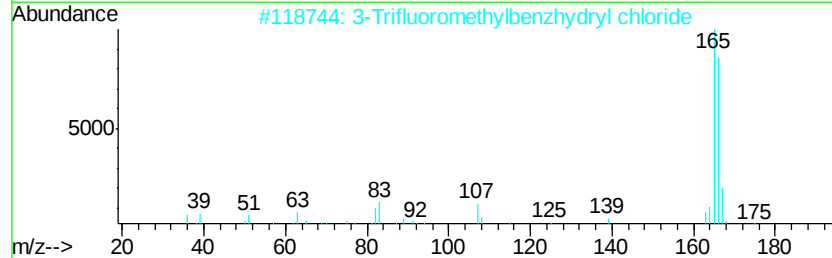
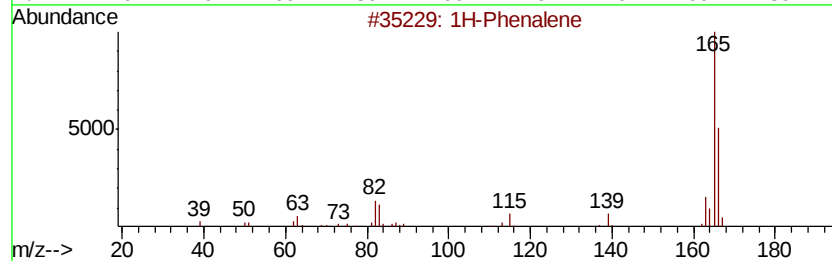
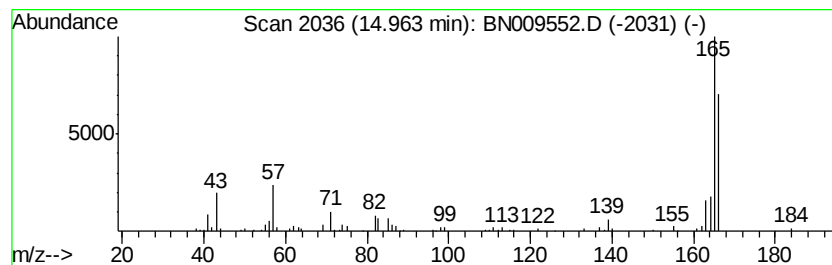
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1H-Phenalene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.66 ng/ul	357441	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	80
2		3-Trifluoromethylbenzhdyryl chlo...	270	C14H10ClF3	067240-79-3	64
3		Fluorene	166	C13H10	000086-73-7	53
4		Fluorene	166	C13H10	000086-73-7	50
5		Fluorene	166	C13H10	000086-73-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

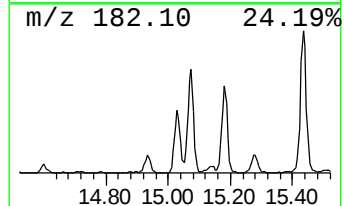
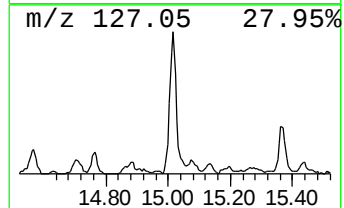
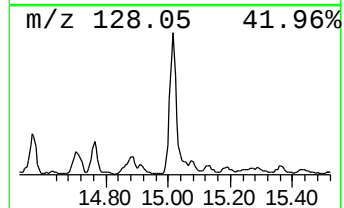
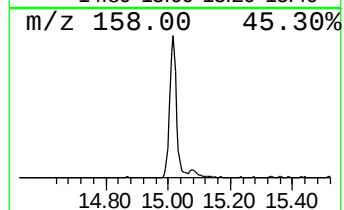
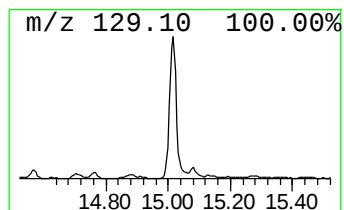
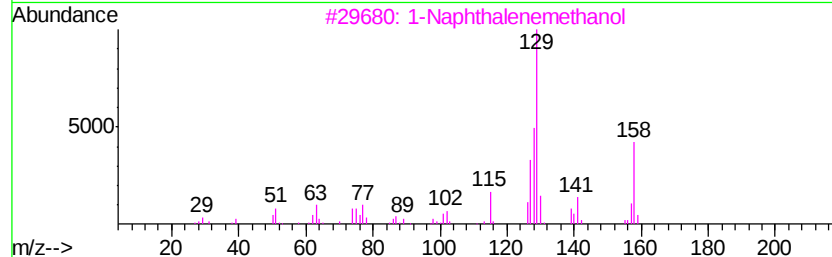
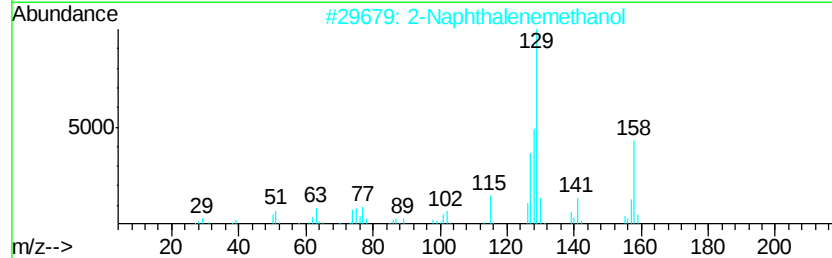
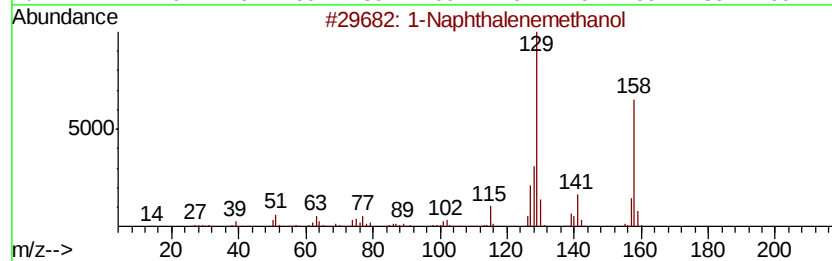
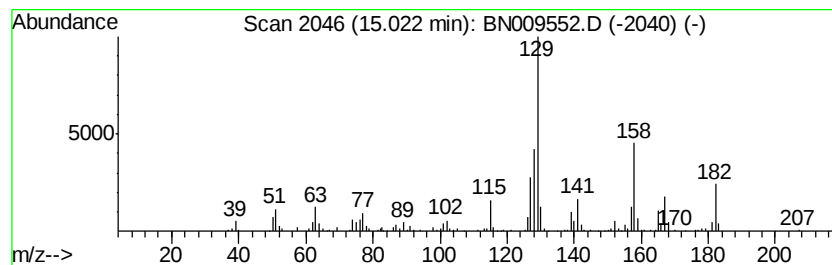
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1-Naphthalenemethanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	7.08 ng/ul	951053	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Naphthalenemethanol	158	C11H10O	004780-79-4	95
2			2-Naphthalenemethanol	158	C11H10O	001592-38-7	94
3			1-Naphthalenemethanol	158	C11H10O	004780-79-4	94
4			1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	93
5			1-Naphthalenemethanol	158	C11H10O	004780-79-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

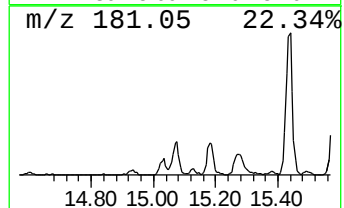
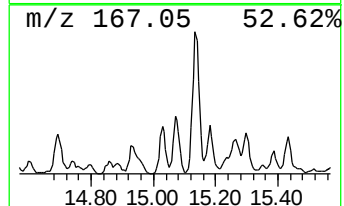
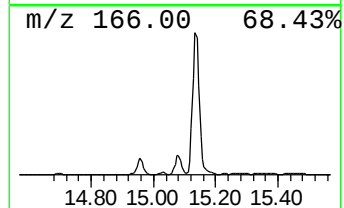
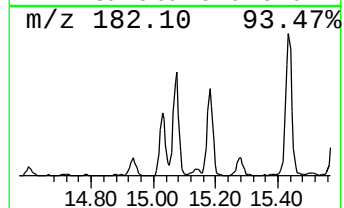
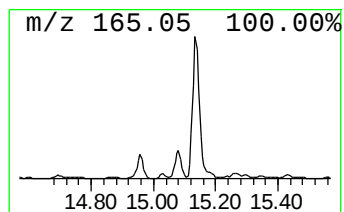
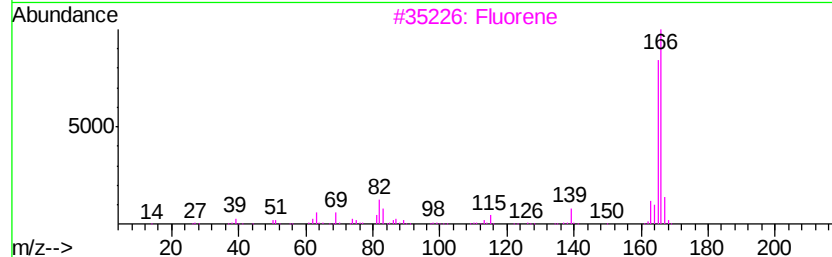
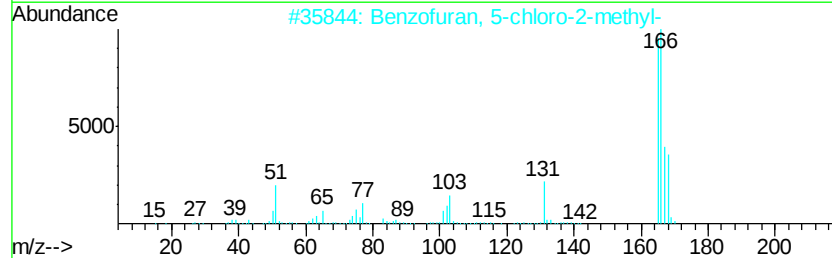
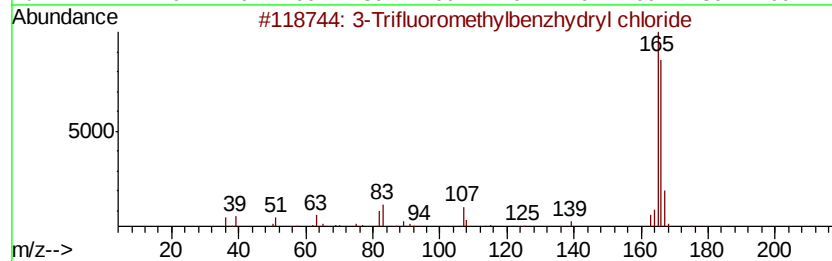
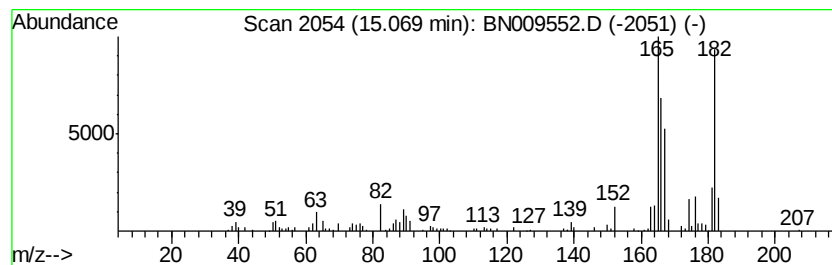
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 3-Trifluoromethylbenzhydryl... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	4.58 ng/ul	614736	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	50
2			Benzofuran, 5-chloro-2-methyl-	166	C9H7ClO	042180-82-5	50
3			Fluorene	166	C13H10	000086-73-7	45
4			Fluorene	166	C13H10	000086-73-7	45
5			Fluorene	166	C13H10	000086-73-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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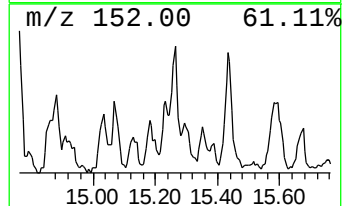
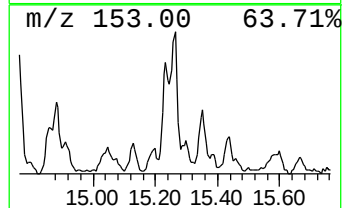
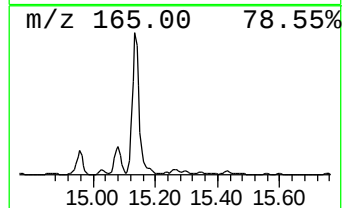
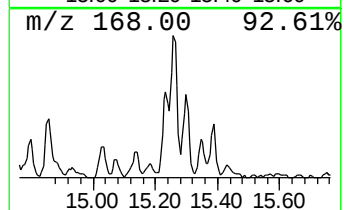
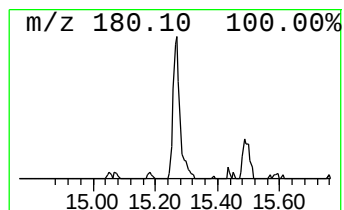
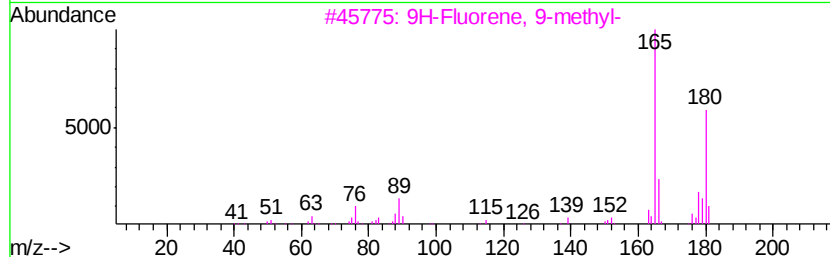
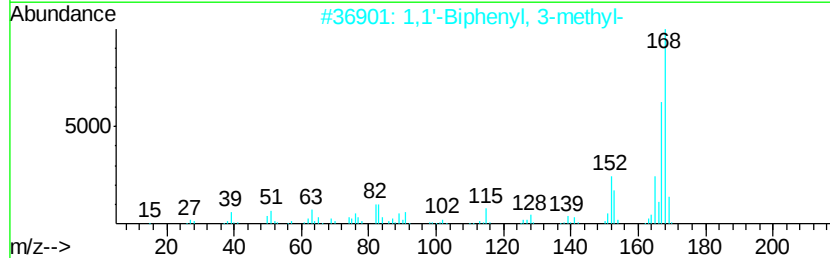
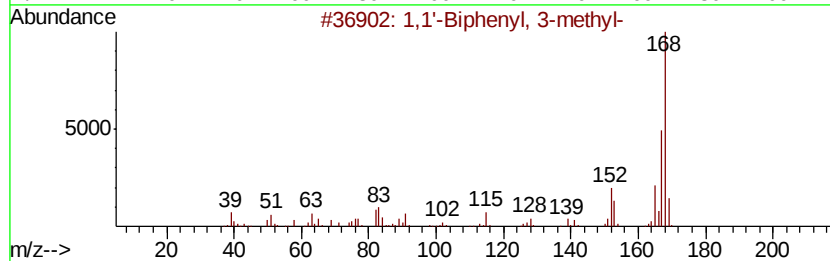
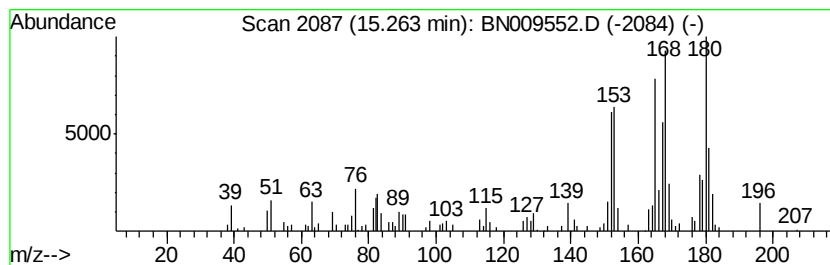
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	2.19 ng/ul	294158	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	42
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	41
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	38
4			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	30
5			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

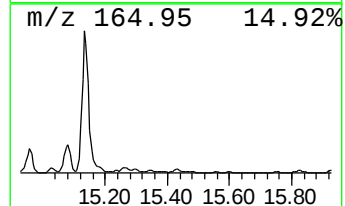
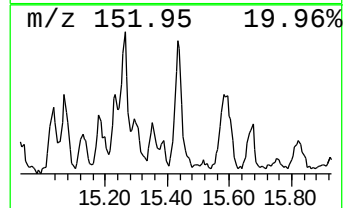
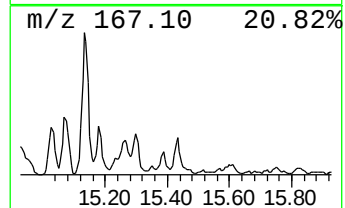
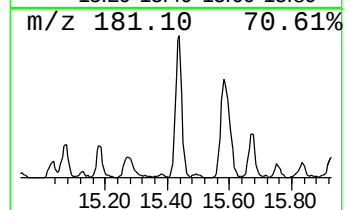
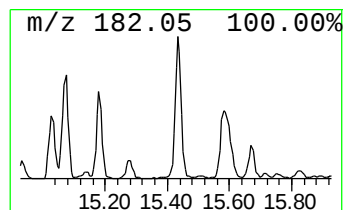
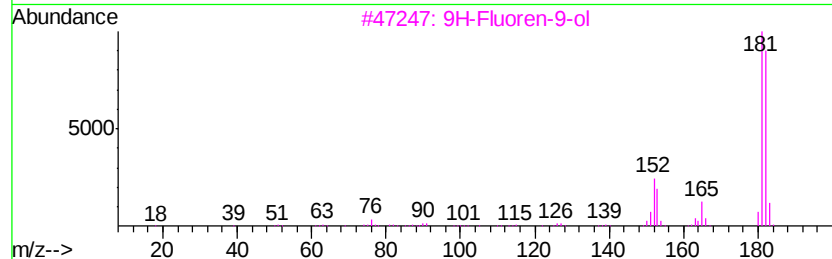
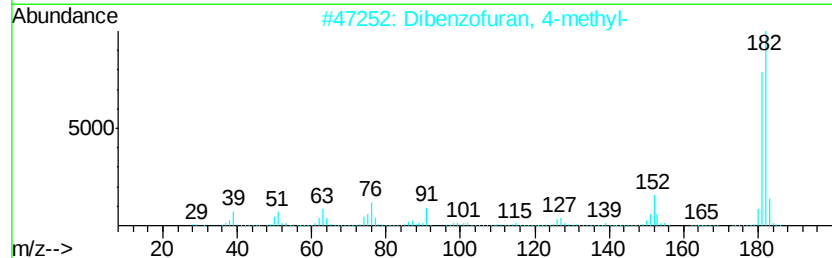
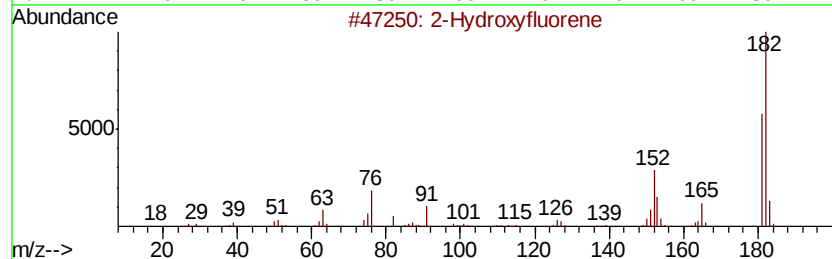
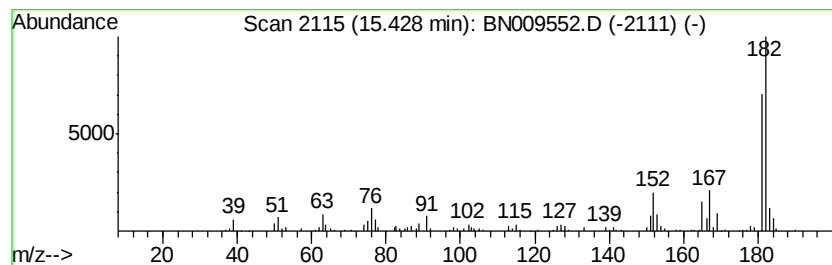
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 2-Hydroxyfluorene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.94 ng/ul	394289	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hydroxyfluorene	182	C13H10O	002443-58-5	83
2			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4			Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64
5			4,6-Dimethoxysalicylaldehyde	182	C9H10O4	000708-76-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
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Misc :
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ClientSampleId :
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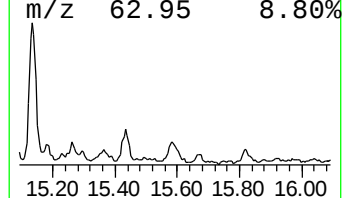
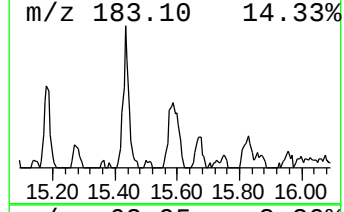
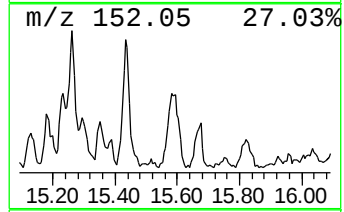
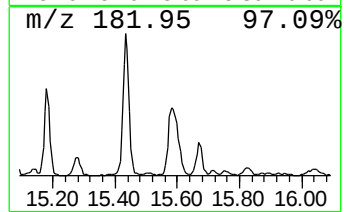
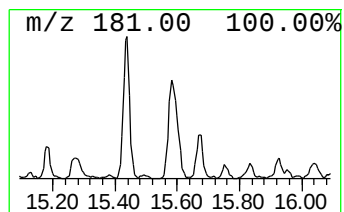
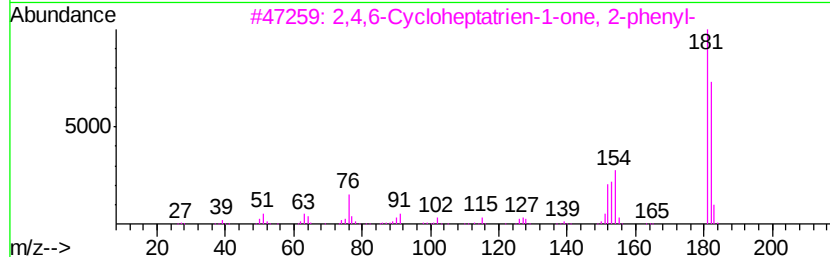
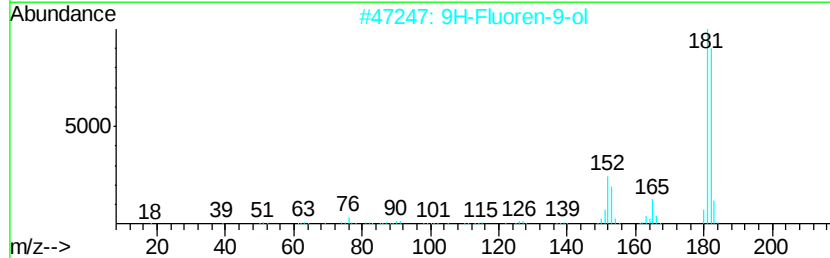
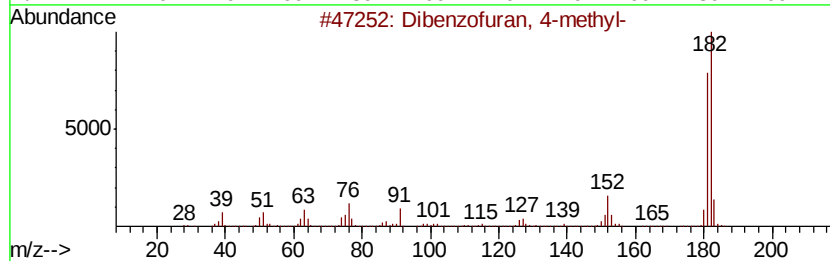
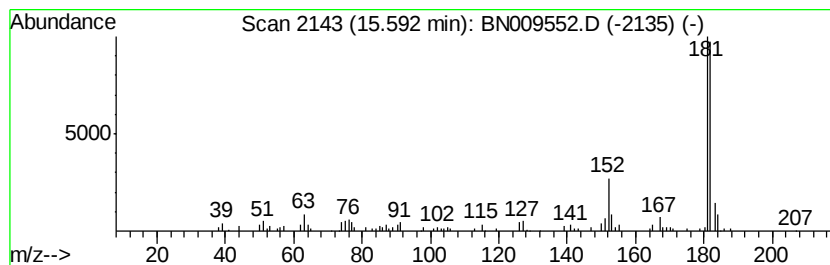
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Dibenzofuran, 4-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	3.39 ng/ul	346494	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3		2,4,6-Cycloheptatrien-1-one, 2-phenyl-	182	C13H10O	014562-09-5	80
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
5		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

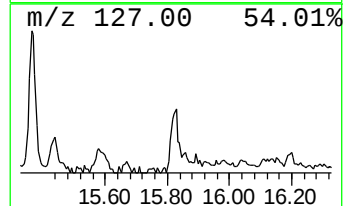
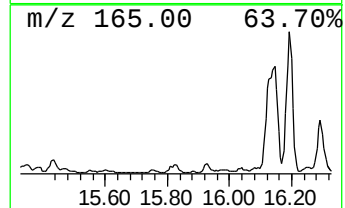
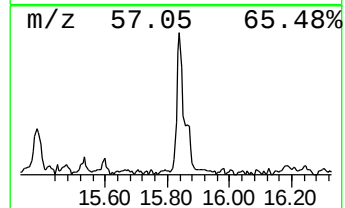
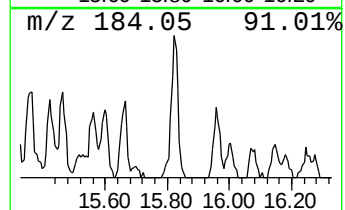
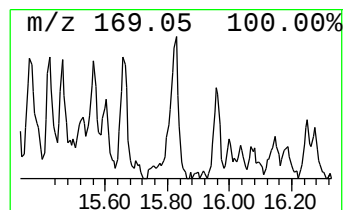
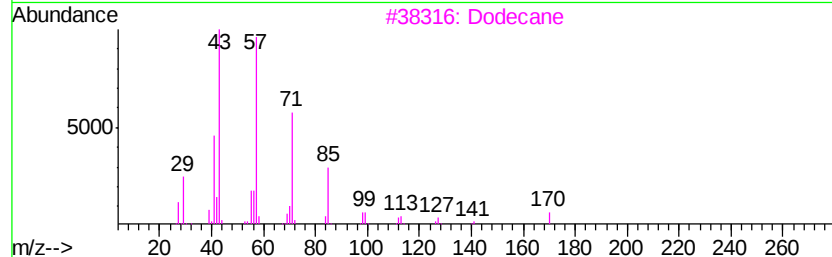
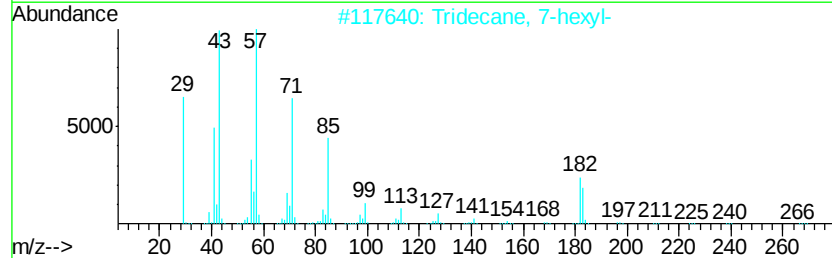
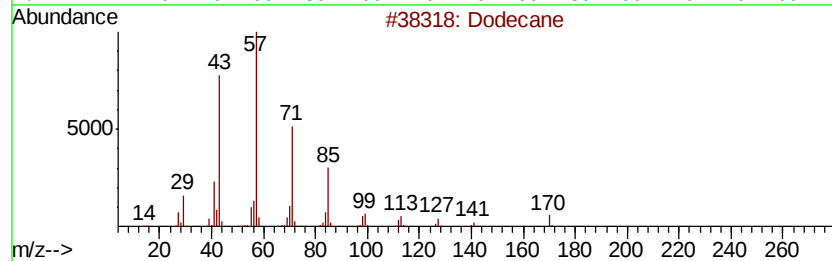
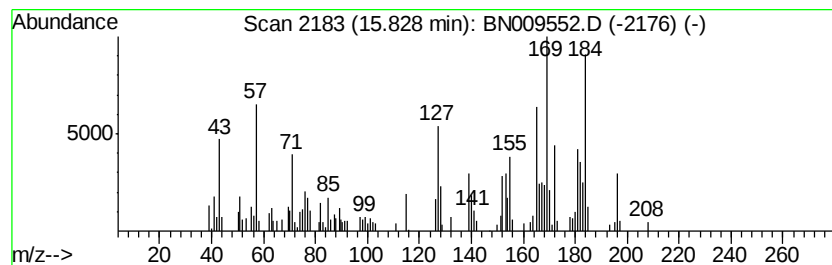
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.66 ng/ul	271275	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	35
2			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	27
3			Dodecane	170	C12H26	000112-40-3	25
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	22
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

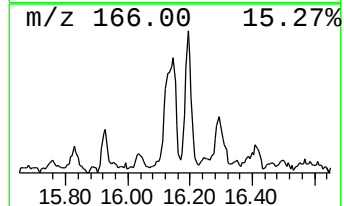
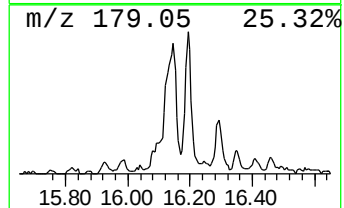
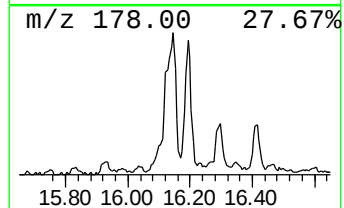
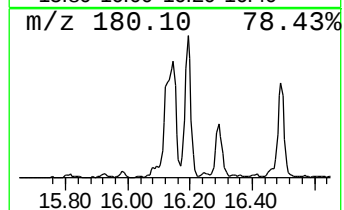
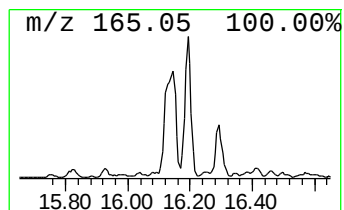
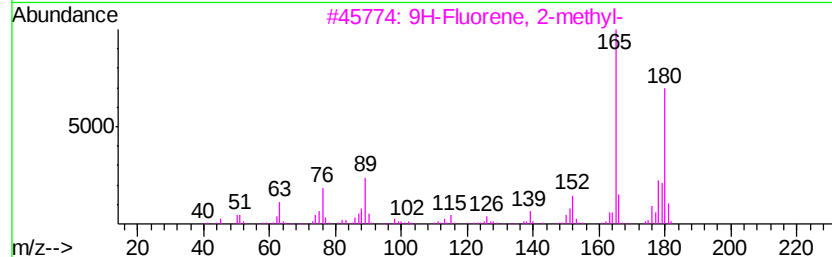
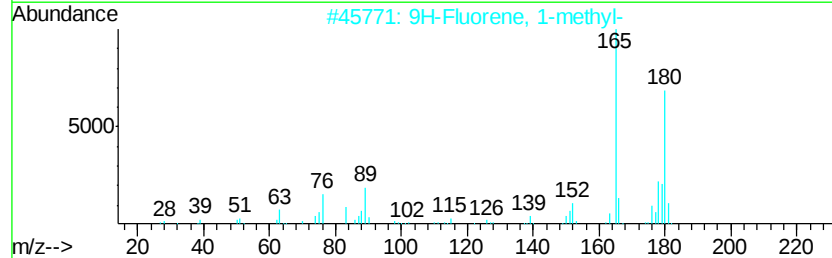
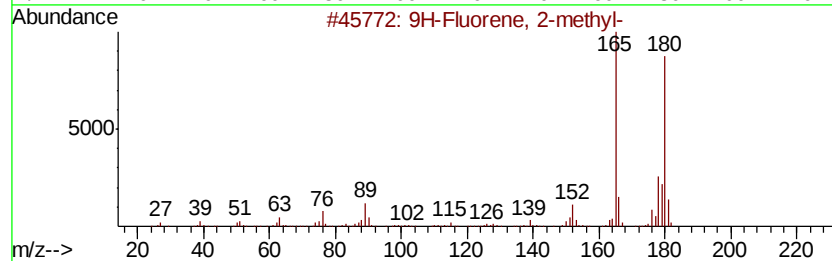
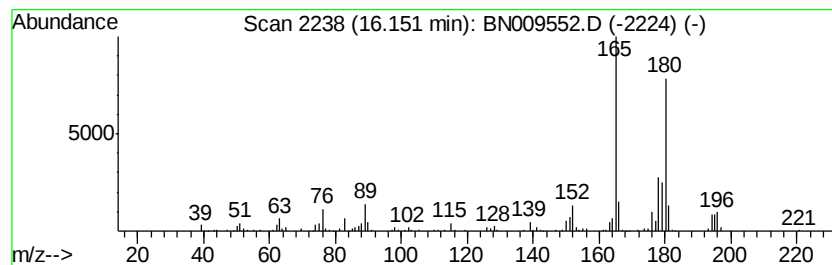
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 9H-Fluorene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	8.47 ng/ul	864963	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
5			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

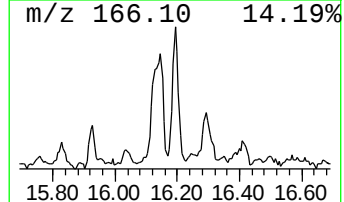
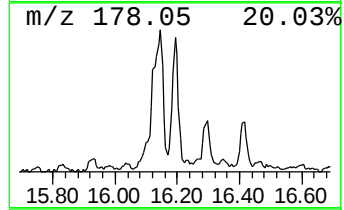
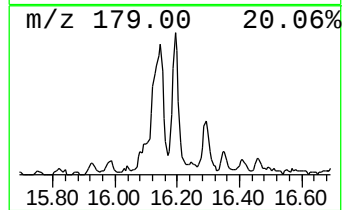
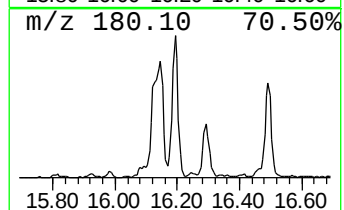
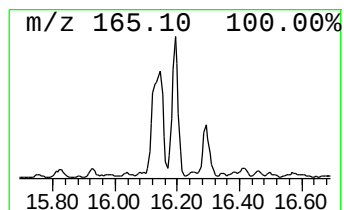
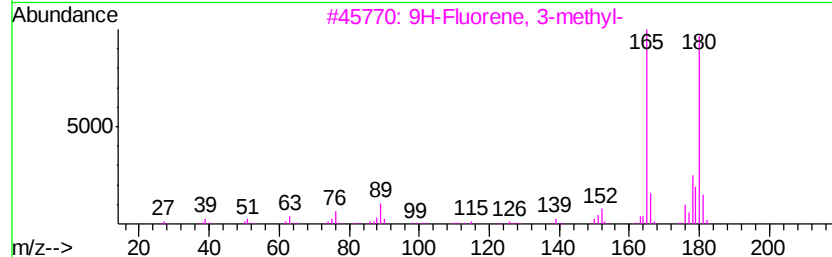
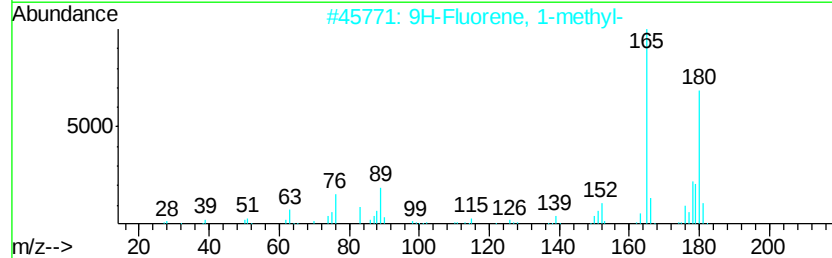
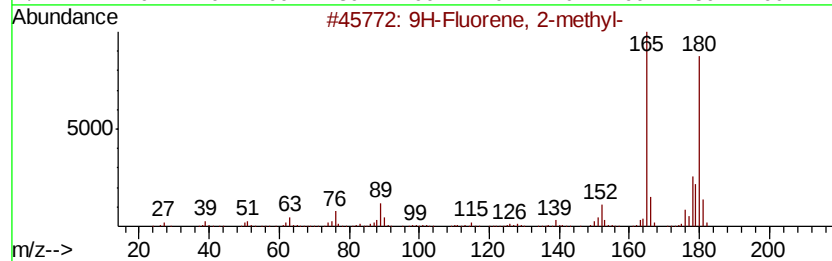
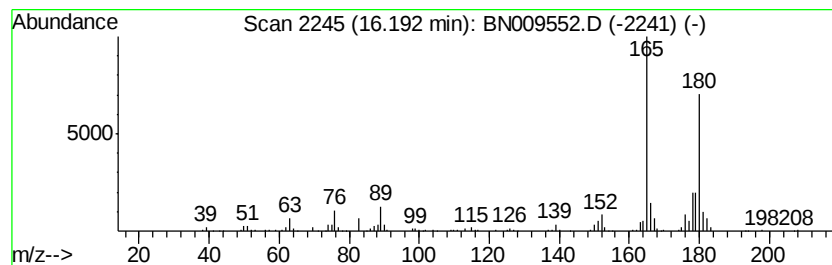
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	5.58 ng/ul	570177	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
5			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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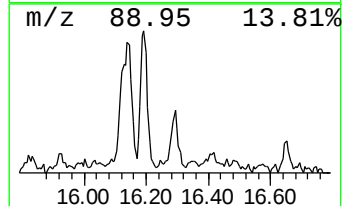
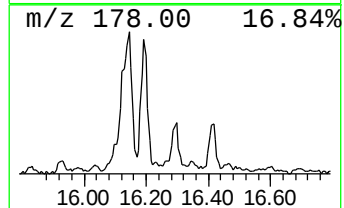
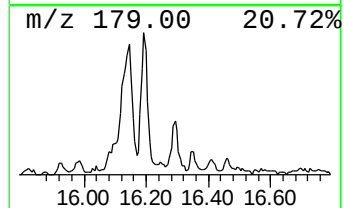
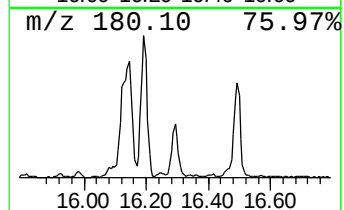
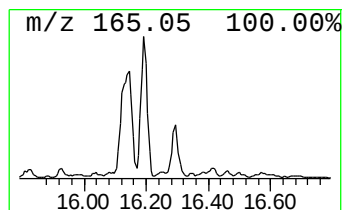
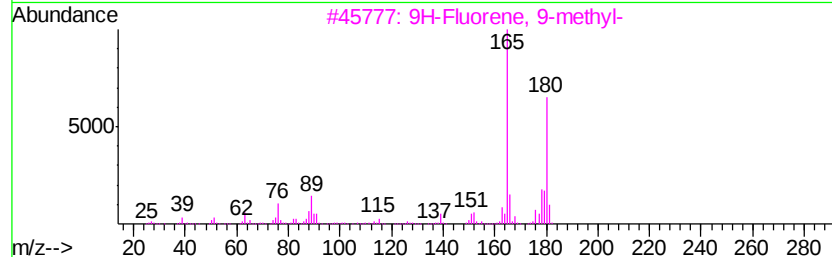
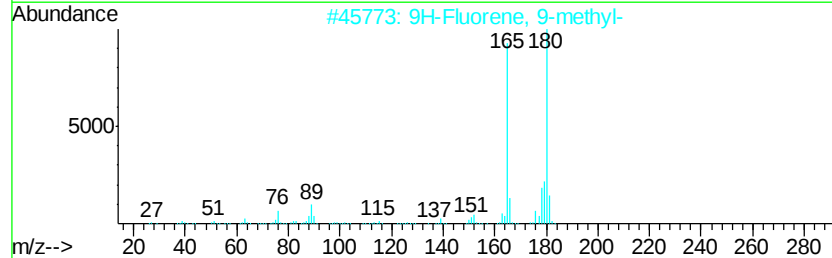
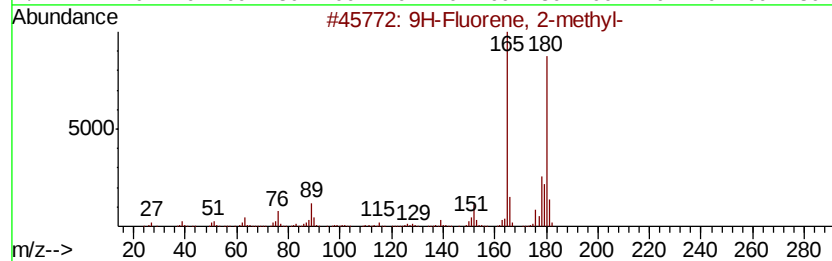
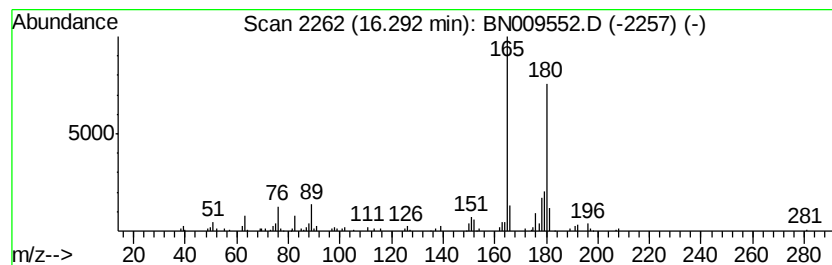
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9H-Fluorene, 9-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.66 ng/ul	271955	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

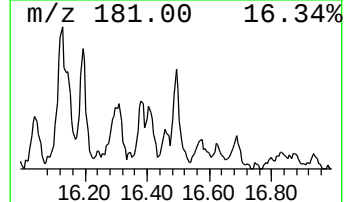
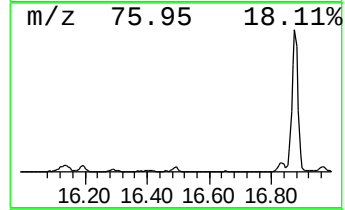
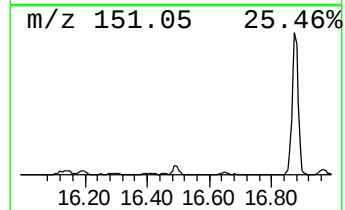
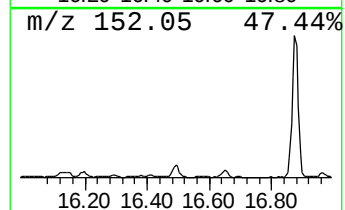
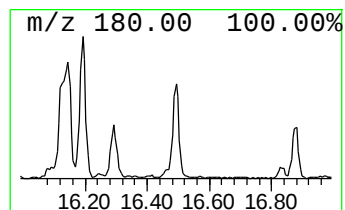
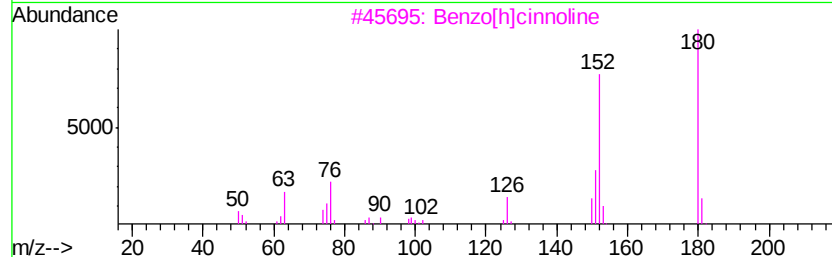
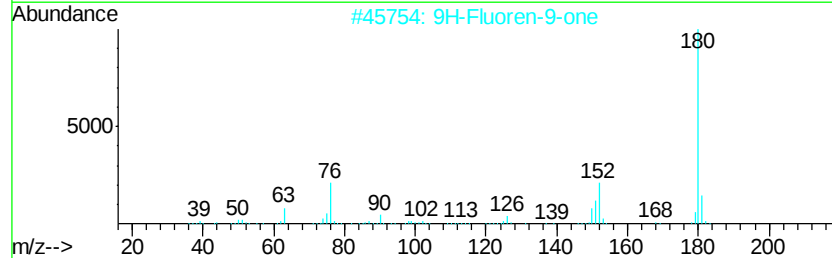
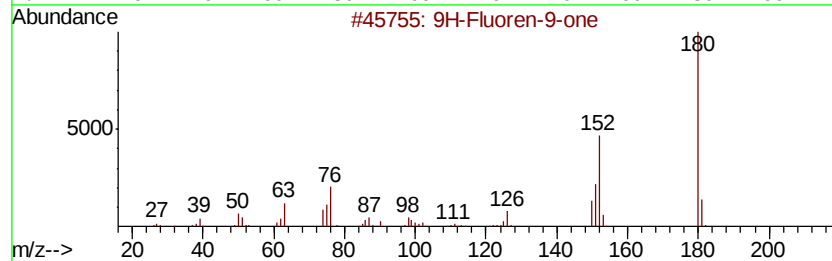
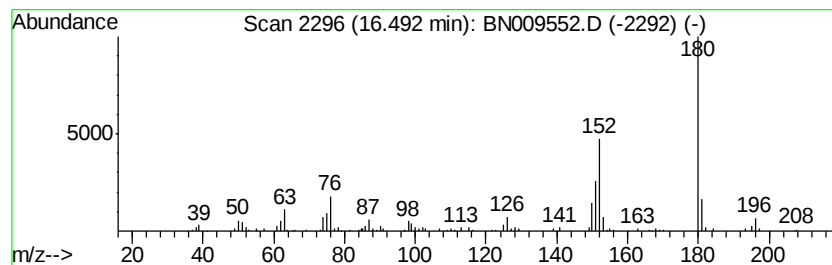
Instrument :
BNA_N
ClientSampleId :
GAT02DL

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Quant Title : SVOA CALIBRATION

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

Peak Number 25 9H-Fluoren-9-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.49	2.65 ng/ul	270274	Phenanthrene-d10		16.83		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	98
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
4			9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

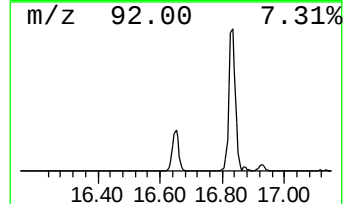
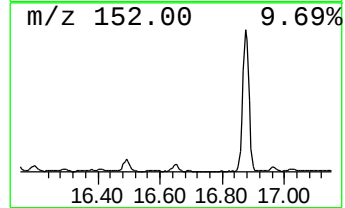
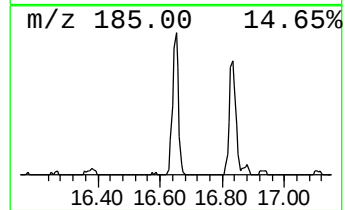
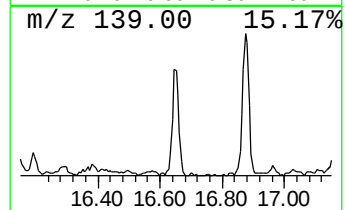
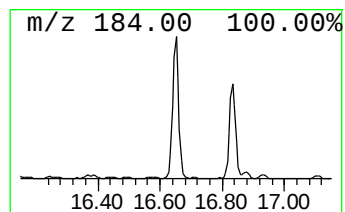
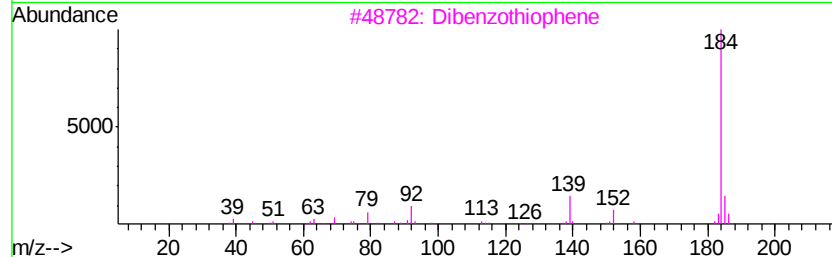
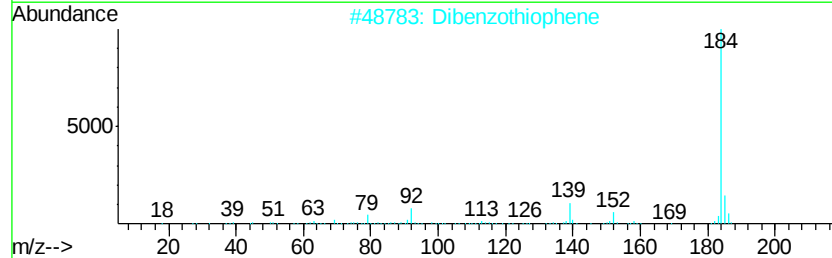
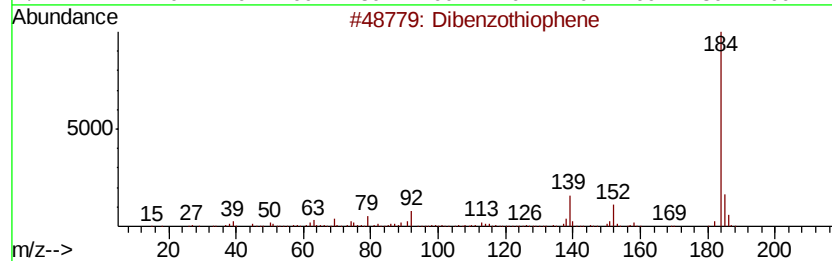
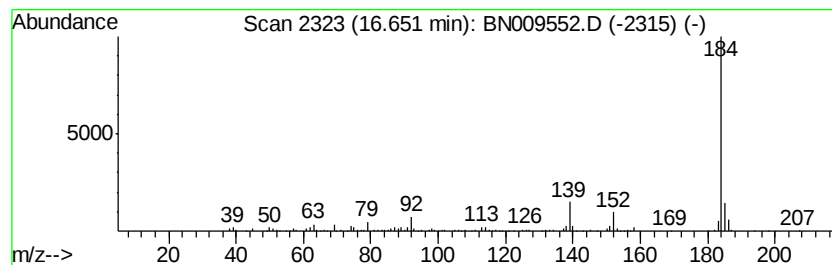
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	4.86 ng/ul	497003	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Dibenzothiophene	184	C12H8S	000132-65-0	96
3			Dibenzothiophene	184	C12H8S	000132-65-0	96
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5			Dibenzothiophene	184	C12H8S	000132-65-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

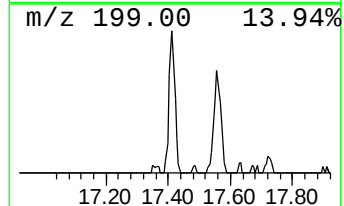
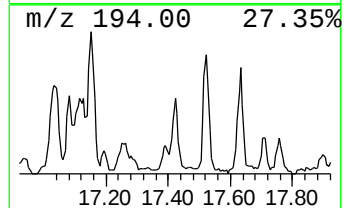
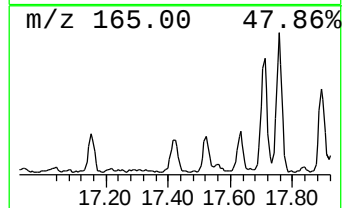
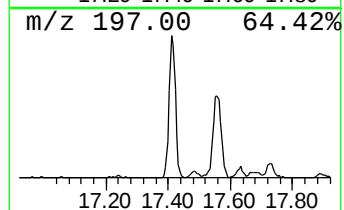
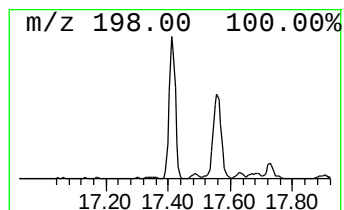
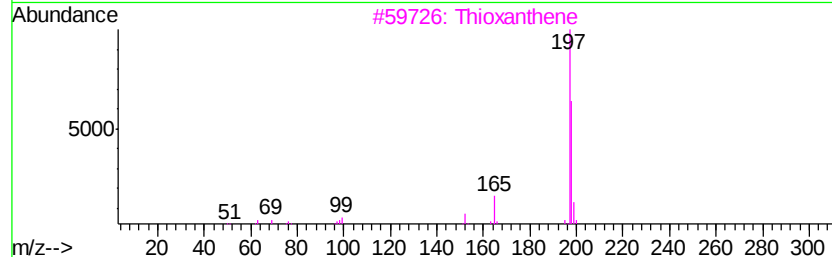
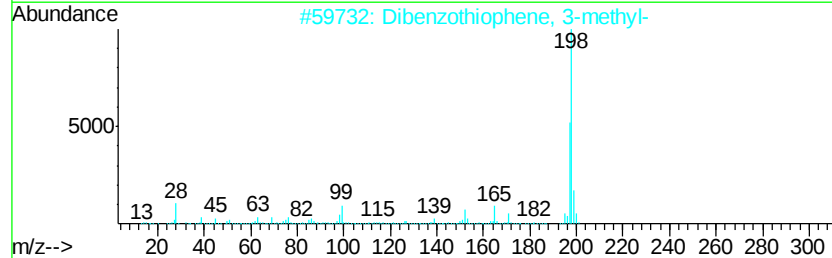
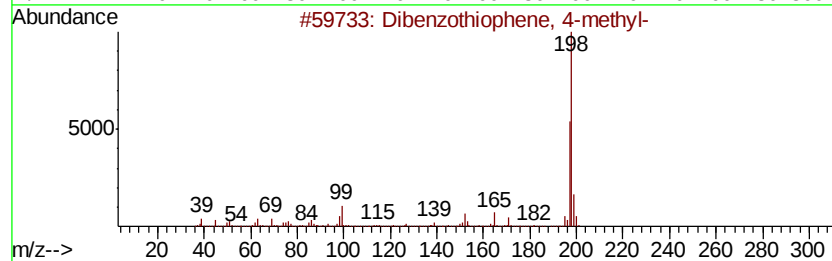
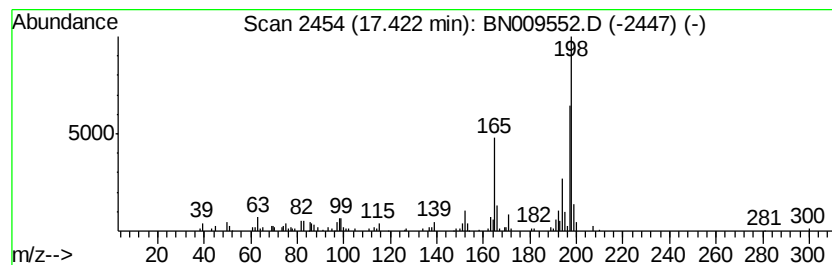
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Dibenzothiophene, 4-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	2.63 ng/ul	268528	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
3		Thioxanthene	198	C13H10S	000261-31-4	83
4		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

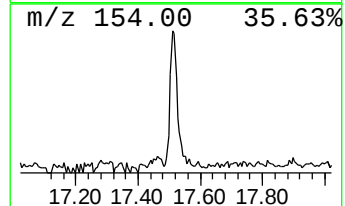
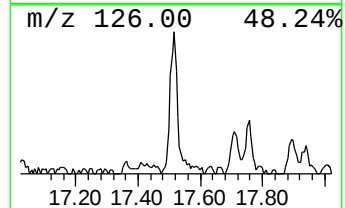
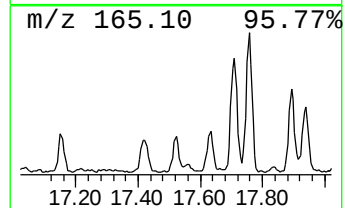
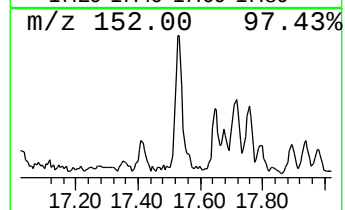
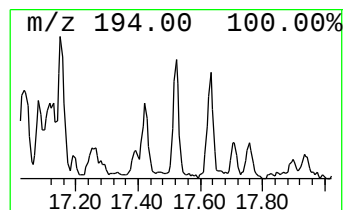
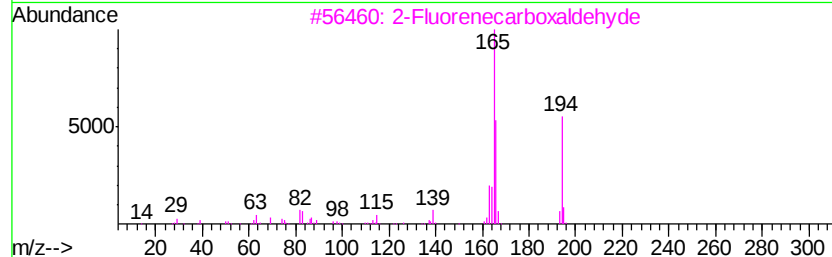
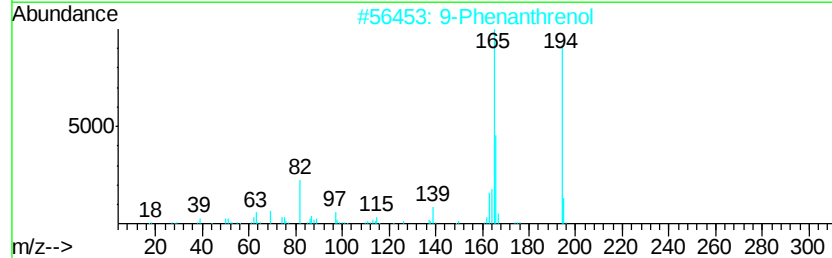
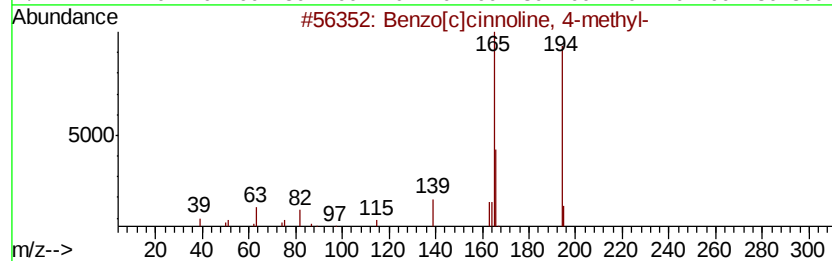
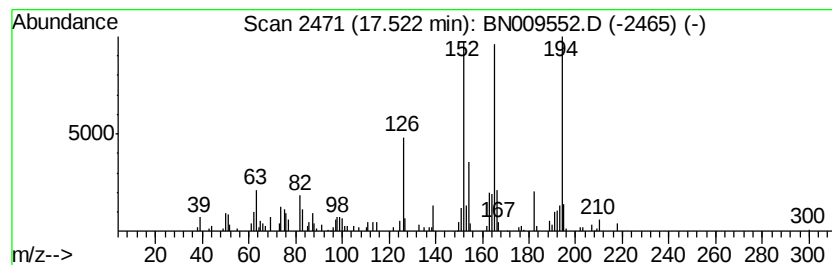
Instrument :
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ClientSampleId :
GAT02DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 Benzo[c]cinnoline, 4-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.52	2.20 ng/ul	224730	Phenanthrene-d10		16.83	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[c]cinnoline, 4-methyl-	194	C13H10N2	019174-78-8	70
2		9-Phenanthrenol	194	C14H10O	000484-17-3	62
3		2-Fluorencarboxaldehyde	194	C14H10O	030084-90-3	60
4		3-Phenyl-benzofuran	194	C14H10O	029909-72-6	55
5		Anthrone	194	C14H10O	000090-44-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

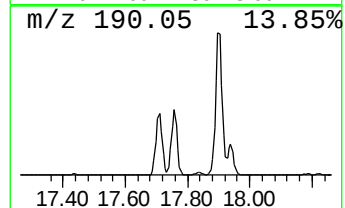
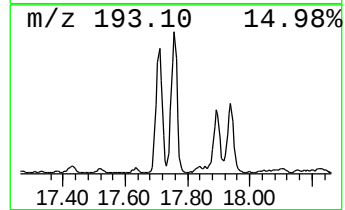
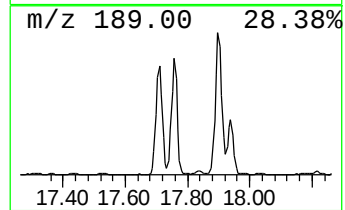
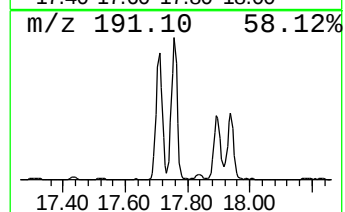
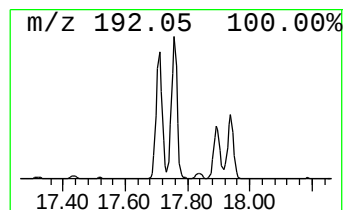
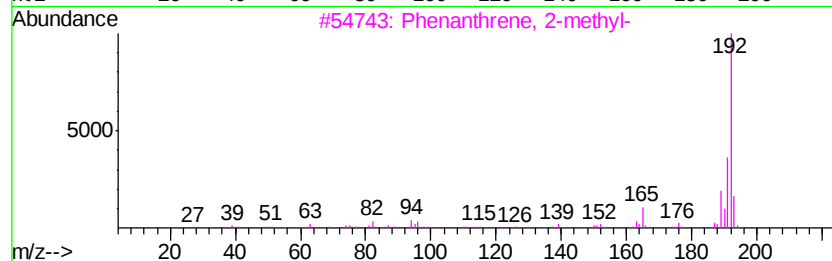
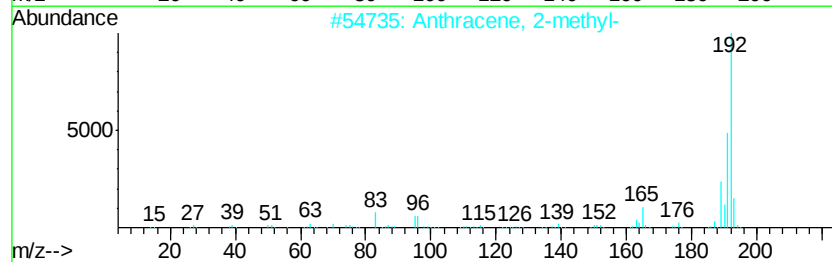
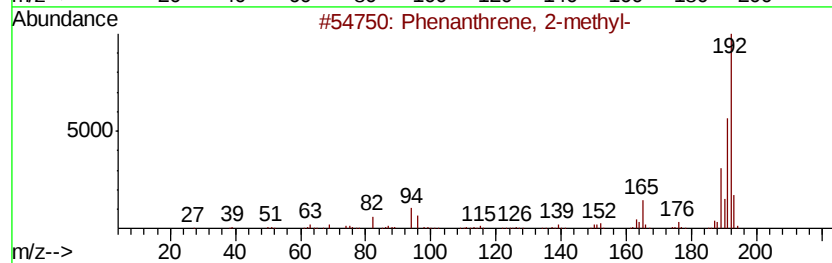
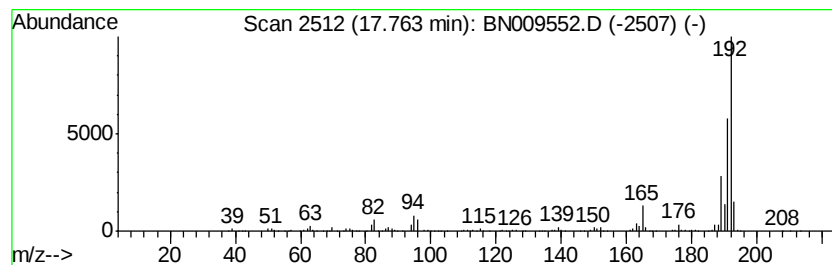
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	17.94 ng/ul	1833120	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02DL

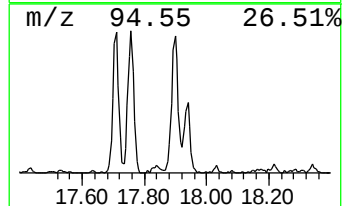
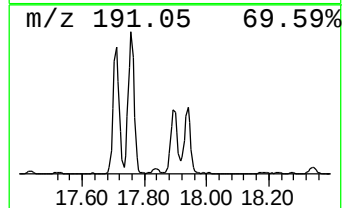
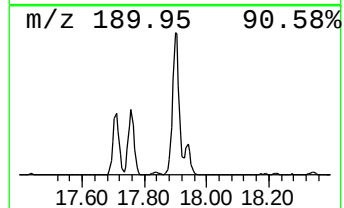
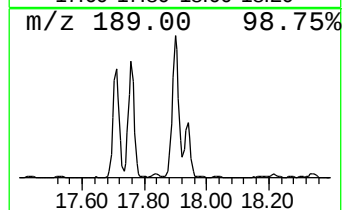
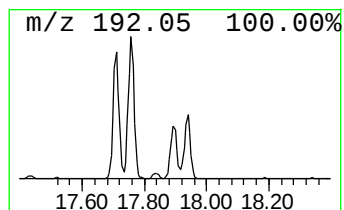
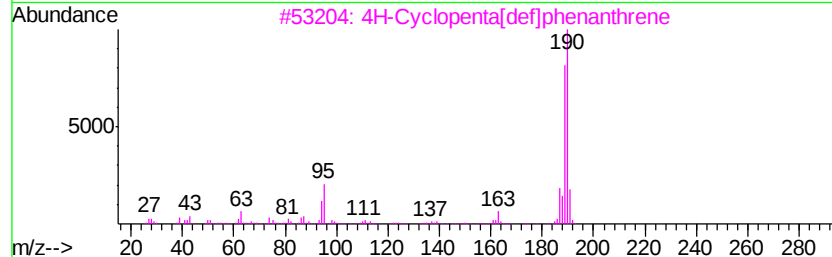
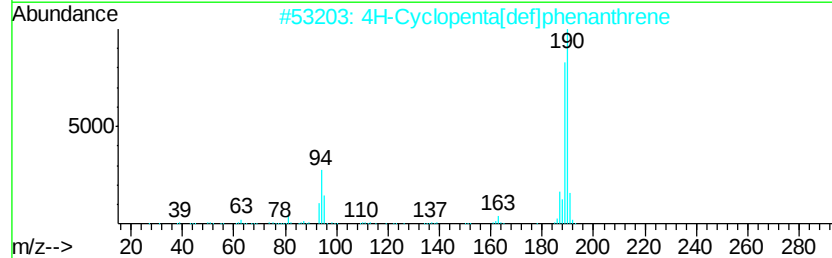
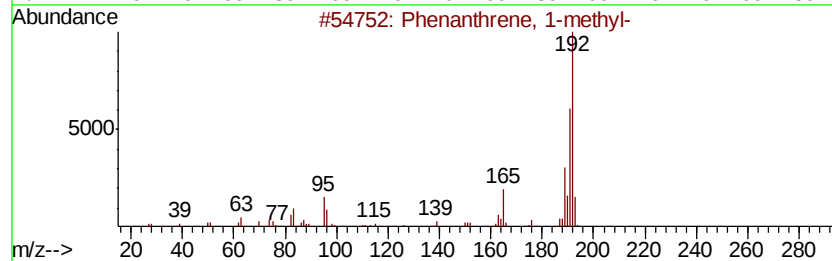
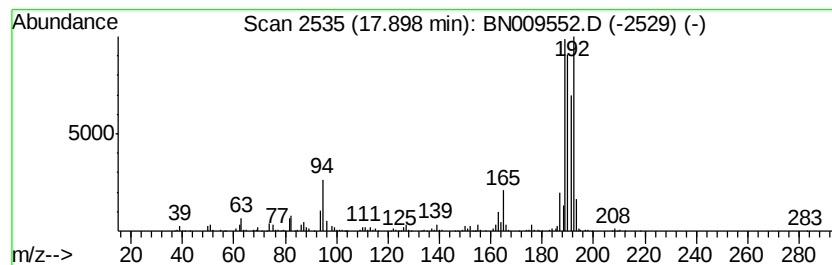
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	14.46 ng/ul	1476760	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4		6H-Cyclobuta[fik]phenanthrene	190	C15H10	083469-43-6	49
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009552.D
Acq On : 04 Feb 2020 05:21
Operator : CG/JU
Sample : L1271-11DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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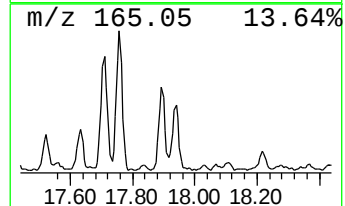
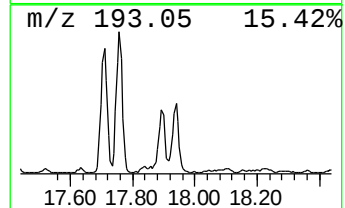
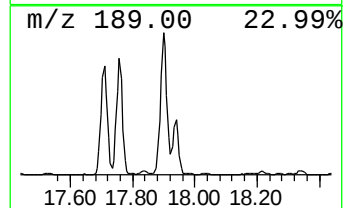
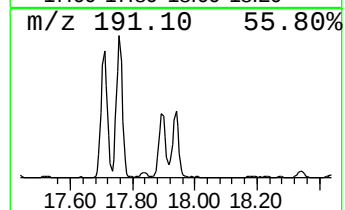
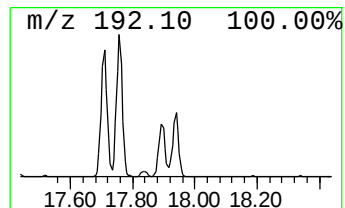
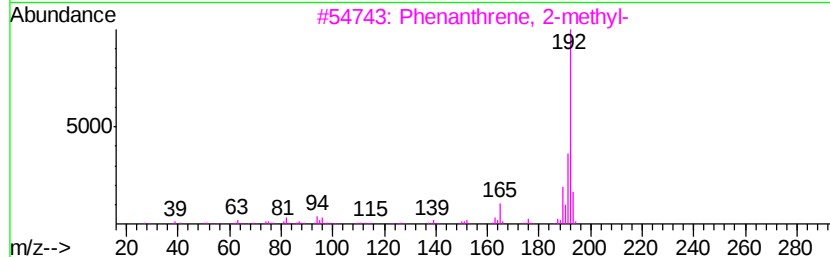
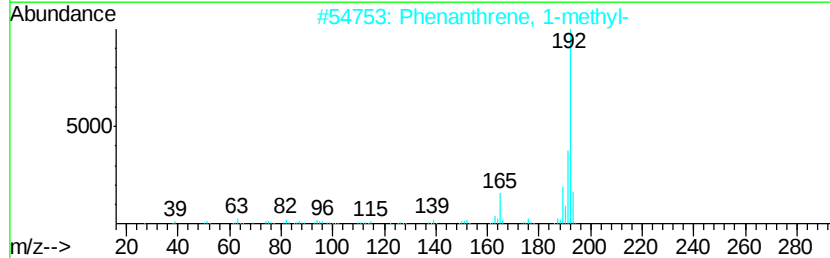
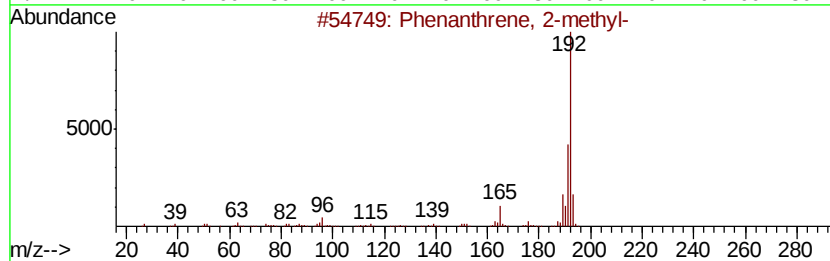
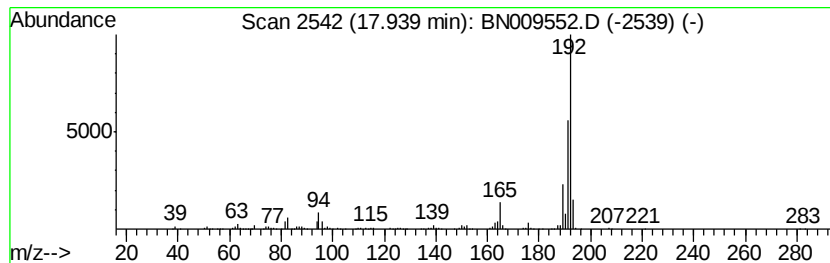
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	8.14 ng/ul	832027	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
 Data File : BN009552.D
 Acq On : 04 Feb 2020 05:21
 Operator : CG/JU
 Sample : L1271-11DL 25X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT02DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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...	11.65	5.2	ng/ul	350013	2	10.19	1340340	20.0
Naphthalene, 1-me...	12.09	100.6	ng/ul	6739700	2	10.19	1340340	20.0
Naphthalene, 2-et...	13.10	4.3	ng/ul	584041	3	14.07	2685110	20.0
Naphthalene, 1,7-...	13.45	15.4	ng/ul	2067470	3	14.07	2685110	20.0
Naphthalene, 2-et...	13.53	2.5	ng/ul	340172	3	14.07	2685110	20.0
Naphthalene, 2,3-...	13.63	12.6	ng/ul	1692810	3	14.07	2685110	20.0
Naphthalene, 2-(1...	14.30	5.0	ng/ul	667654	3	14.07	2685110	20.0
Naphthalene, 1,6,...	14.57	4.7	ng/ul	626724	3	14.07	2685110	20.0
Naphthalene, 1,4,...	14.70	4.8	ng/ul	638054	3	14.07	2685110	20.0
4,6,8-Trimethylaz...	14.88	2.0	ng/ul	268641	3	14.07	2685110	20.0
1H-Phenalene	14.96	2.7	ng/ul	357441	3	14.07	2685110	20.0
1-Naphthalenemeth...	15.02	7.1	ng/ul	951053	3	14.07	2685110	20.0
3-Trifluoromethyl...	15.07	4.6	ng/ul	614736	3	14.07	2685110	20.0
unknown-01	15.26	2.2	ng/ul	294158	3	14.07	2685110	20.0
2-Hydroxyfluorene	15.43	2.9	ng/ul	394289	3	14.07	2685110	20.0
Dibenzofuran, 4-m...	15.59	3.4	ng/ul	346494	4	16.83	2043210	20.0
(DEL) Alkane: Str...	15.83	2.7	ng/ul	271275	4	16.83	2043210	20.0
9H-Fluorene, 2-me...	16.15	8.5	ng/ul	864963	4	16.83	2043210	20.0
9H-Fluorene, 1-me...	16.19	5.6	ng/ul	570177	4	16.83	2043210	20.0
9H-Fluorene, 9-me...	16.29	2.7	ng/ul	271955	4	16.83	2043210	20.0
9H-Fluoren-9-one	16.49	2.6	ng/ul	270274	4	16.83	2043210	20.0
Dibenzothiophene	16.65	4.9	ng/ul	497003	4	16.83	2043210	20.0
Dibenzothiophene,...	17.42	2.6	ng/ul	268528	4	16.83	2043210	20.0
Benzo[c]cinnoline...	17.52	2.2	ng/ul	224730	4	16.83	2043210	20.0
Anthracene, 2-met...	17.76	17.9	ng/ul	1833120	4	16.83	2043210	20.0
Phenanthrene, 1-m...	17.90	14.5	ng/ul	1476760	4	16.83	2043210	20.0
Phenanthrene, 2-m...	17.94	8.1	ng/ul	832027	4	16.83	2043210	20.0