

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
 Data File : BN005312.D
 Acq On : 26 Apr 2019 09:55
 Operator : JU/SJ
 Sample : K2456-02 20X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ2

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-BN041919MA.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	7.593	776	783	793	rBV	1940936	3143487	2.50%	0.303%
2	9.769	1148	1153	1163	rVV3	1047262	2539191	2.02%	0.245%
3	10.357	1247	1253	1257	rBV2	3589657	7010697	5.57%	0.677%
4	10.439	1257	1267	1272	rVV2	39876663	103766135	82.47%	10.016%
5	10.534	1277	1283	1288	rVV2	1771463	3039751	2.42%	0.293%
6	11.398	1425	1430	1435	rBV	913013	1651931	1.31%	0.159%
7	11.816	1494	1501	1508	rVV	3584712	5398820	4.29%	0.521%
8	11.922	1512	1519	1528	rVB	1140453	2579255	2.05%	0.249%
9	12.063	1530	1543	1548	rVV3	46836940	125829681	100.00%	12.145%
10	12.275	1564	1579	1586	rVV2	35828320	75229790	59.79%	7.261%
11	13.057	1705	1712	1726	rBV2	9905252	18298146	14.54%	1.766%
12	13.257	1739	1746	1759	rVB	6229396	13064247	10.38%	1.261%
13	13.398	1761	1770	1771	rBV	16173592	25563058	20.32%	2.467%
14	13.416	1771	1773	1779	rVV	18047208	22928269	18.22%	2.213%
15	13.563	1787	1798	1802	rBV	19580222	38751686	30.80%	3.740%
16	13.610	1802	1806	1814	rVV	13851069	21149942	16.81%	2.041%
17	13.680	1814	1818	1824	rVV	4445272	6681497	5.31%	0.645%
18	13.792	1831	1837	1841	rBV	10022038	16383302	13.02%	1.581%
19	13.822	1841	1842	1853	rVB	3005580	3085055	2.45%	0.298%
20	13.957	1854	1865	1871	rBV	17498383	27601967	21.94%	2.664%
21	14.157	1894	1899	1902	rBV	1800144	2261635	1.80%	0.218%
22	14.216	1902	1909	1917	rVV3	7597758	15863260	12.61%	1.531%
23	14.292	1917	1922	1925	rVV2	3549560	5810723	4.62%	0.561%
24	14.322	1925	1927	1932	rVV	3371027	4240019	3.37%	0.409%
25	14.445	1942	1948	1957	rVV	2758448	6147204	4.89%	0.593%
26	14.533	1957	1963	1969	rVV2	932944	1618542	1.29%	0.156%
27	14.633	1969	1980	1987	rVV2	5197070	10218479	8.12%	0.986%
28	14.716	1987	1994	1998	rVV	4217890	6418740	5.10%	0.620%
29	14.851	2009	2017	2023	rVV3	2553956	6285692	5.00%	0.607%
30	14.910	2023	2027	2031	rVV	3458869	4827572	3.84%	0.466%
31	15.110	2056	2061	2067	rVB2	2500105	3709306	2.95%	0.358%
32	15.174	2067	2072	2075	rBV	1190445	1912277	1.52%	0.185%
33	15.222	2075	2080	2085	rVB2	2812642	5094887	4.05%	0.492%
34	15.286	2085	2091	2096	rBV	13346445	22071948	17.54%	2.130%

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

35	15.410	2109	2112	2116	rVV3	1813571	2532071	2.01%	0.244%
36	15.504	2123	2128	2131	rBV4	1032179	1633282	1.30%	0.158%
37	15.580	2136	2141	2149	rBV2	2091804	3156283	2.51%	0.305%
38	15.727	2158	2166	2175	rVB2	1241335	3062957	2.43%	0.296%
39	15.974	2201	2208	2212	rBV3	1100531	1960490	1.56%	0.189%
40	16.292	2247	2262	2266	rVV2	3024844	8212547	6.53%	0.793%
41	16.339	2266	2270	2276	rVV	3203950	4805262	3.82%	0.464%
42	16.439	2282	2287	2293	rVV3	1364844	2448867	1.95%	0.236%
43	16.527	2293	2302	2304	rVV4	656546	1545153	1.23%	0.149%
44	16.563	2304	2308	2312	rVV3	853267	1610491	1.28%	0.155%
45	16.639	2317	2321	2328	rVV	4877495	7122602	5.66%	0.687%
46	16.798	2340	2348	2359	rVB	3295931	5872588	4.67%	0.567%
47	16.986	2374	2380	2383	rBV	4290741	7170670	5.70%	0.692%
48	17.045	2383	2390	2395	rVV2	38131478	68719519	54.61%	6.633%
49	17.116	2399	2402	2407	rVV	2863892	3995787	3.18%	0.386%
50	17.174	2407	2412	2418	rVV3	890847	1952540	1.55%	0.188%
51	17.510	2464	2469	2473	rVV	2007624	2600272	2.07%	0.251%
52	17.568	2473	2479	2489	rVB3	2612018	4452864	3.54%	0.430%
53	17.674	2489	2497	2500	rBV4	1197767	2392306	1.90%	0.231%
54	17.710	2500	2503	2509	rVB	1118111	1874366	1.49%	0.181%
55	17.786	2511	2516	2523	rBV2	1017612	1774631	1.41%	0.171%
56	17.868	2523	2530	2534	rVV	11548332	17799963	14.15%	1.718%
57	17.916	2534	2538	2543	rVV	13162324	18144060	14.42%	1.751%
58	18.057	2555	2562	2566	rBV2	10218450	17831251	14.17%	1.721%
59	18.098	2566	2569	2574	rVB	6685980	8458742	6.72%	0.816%
60	18.374	2611	2616	2619	rVV	6008513	8687323	6.90%	0.839%
61	18.415	2619	2623	2628	rVB	6859463	9822000	7.81%	0.948%
62	18.621	2654	2658	2662	rVV2	1776107	2754278	2.19%	0.266%
63	18.668	2662	2666	2670	rVV	1678414	2444901	1.94%	0.236%
64	18.798	2677	2688	2692	rBV3	3790997	6509725	5.17%	0.628%
65	18.851	2692	2697	2701	rVV3	1909381	3723090	2.96%	0.359%
66	18.886	2701	2703	2707	rVB	1521688	1554502	1.24%	0.150%
67	18.933	2707	2711	2719	rBV2	2541847	4446086	3.53%	0.429%
68	19.063	2724	2733	2740	rVV	15894936	23532058	18.70%	2.271%
69	19.133	2740	2745	2748	rVV	1385129	2240905	1.78%	0.216%
70	19.163	2748	2750	2754	rVV3	970929	1603102	1.27%	0.155%
71	19.210	2754	2758	2762	rVV	4321862	5659668	4.50%	0.546%

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 Title : SVOA CALIBRATION

72	19.262	2762	2767	2771	rVV	2647948	3594096	2.86%	0.347%
73	19.433	2785	2796	2802	rVV	20324445	32060203	25.48%	3.094%
74	19.492	2802	2806	2814	rVB4	835455	1783769	1.42%	0.172%
75	19.757	2846	2851	2860	rBV2	2142884	4576273	3.64%	0.442%
76	19.892	2869	2874	2876	rVV4	1916029	3199128	2.54%	0.309%
77	19.927	2877	2880	2885	rVB	2962704	3983464	3.17%	0.384%
78	20.027	2893	2897	2903	rVV	1552815	2445346	1.94%	0.236%
79	20.086	2903	2907	2911	rVV	3110420	4057704	3.22%	0.392%
80	20.227	2926	2931	2935	rVV	2115987	2875369	2.29%	0.278%
81	20.274	2935	2939	2944	rVB	2777257	3462396	2.75%	0.334%
82	20.680	3004	3008	3016	rVB	2165681	3079890	2.45%	0.297%
83	20.839	3028	3035	3040	rVV3	1302956	2683880	2.13%	0.259%
84	20.892	3040	3044	3047	rVV	2199361	2766230	2.20%	0.267%
85	20.986	3053	3060	3066	rVB	2607457	4149272	3.30%	0.400%
86	21.198	3090	3096	3101	rBV2	8958426	18514347	14.71%	1.787%
87	21.251	3101	3105	3110	rVB	6806890	9562133	7.60%	0.923%
88	21.415	3129	3133	3138	rVB	1805319	2549833	2.03%	0.246%
89	21.756	3185	3191	3196	rVV	1880919	3314288	2.63%	0.320%
90	21.809	3196	3200	3206	rVV2	1372596	2334736	1.86%	0.225%
91	21.880	3207	3212	3219	rVV3	818443	2047314	1.63%	0.198%
92	21.951	3220	3224	3227	rVV2	1088561	1735679	1.38%	0.168%
93	22.756	3354	3361	3373	rVB3	2720384	8570974	6.81%	0.827%
94	22.921	3384	3389	3397	rVB	831600	1500840	1.19%	0.145%
95	23.215	3434	3439	3445	rBV	1473393	2510220	1.99%	0.242%
96	23.309	3450	3455	3463	rVB2	1262763	2306714	1.83%	0.223%
97	23.403	3464	3471	3477	rBV	3311820	6041307	4.80%	0.583%
98	25.062	3747	3753	3772	rVB6	540234	1888272	1.50%	0.182%
99	25.580	3833	3841	3853	rVB2	887284	2659175	2.11%	0.257%
100	26.239	3948	3953	3962	rVB	567847	1507676	1.20%	0.146%

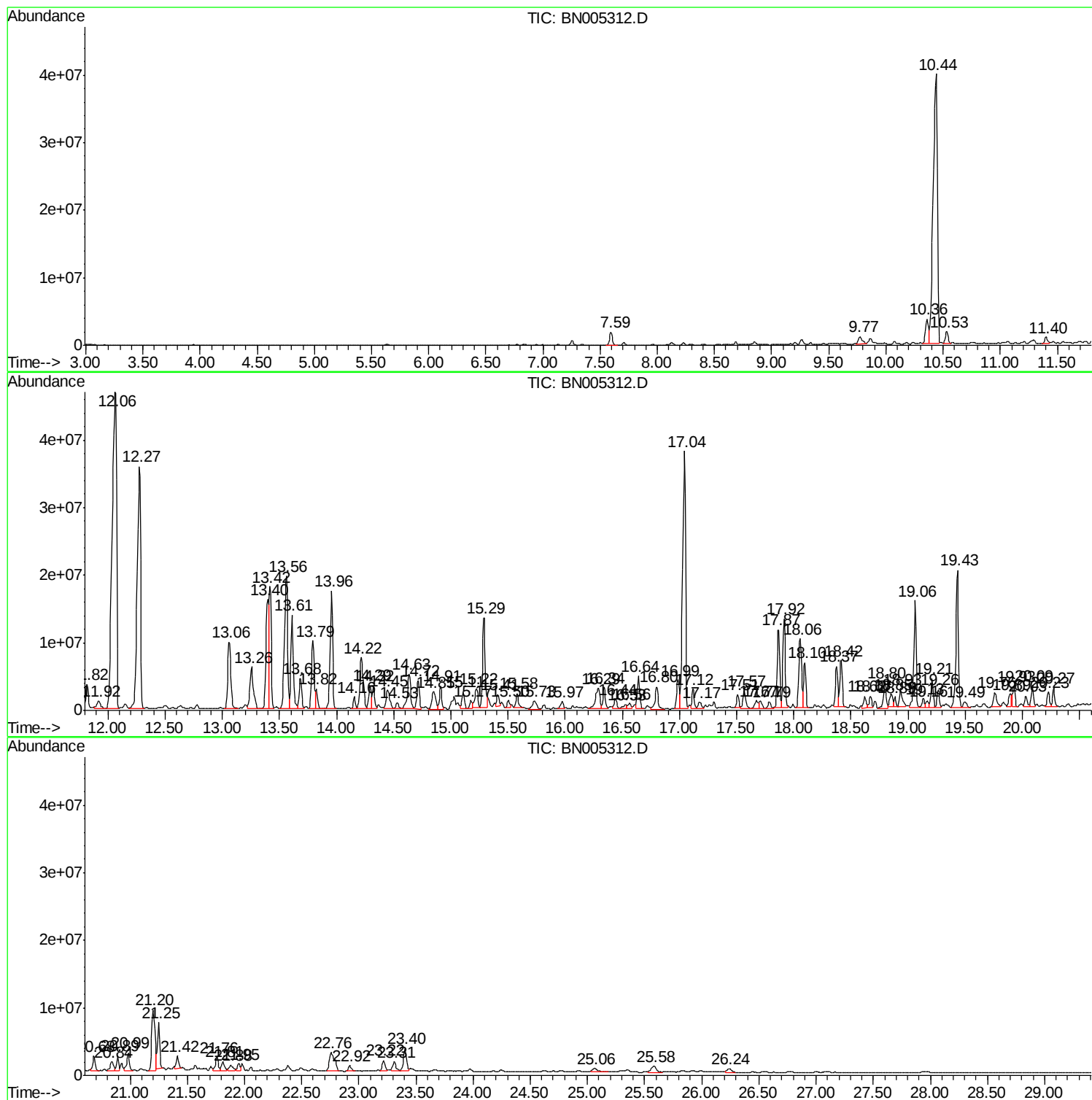
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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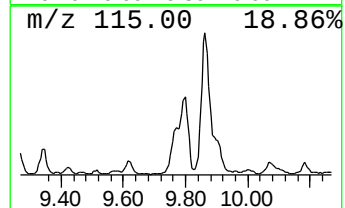
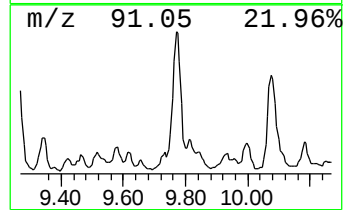
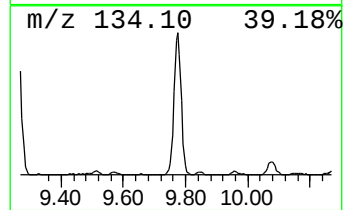
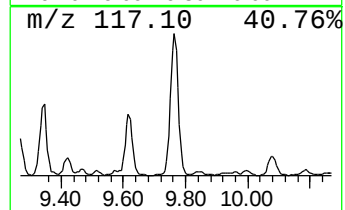
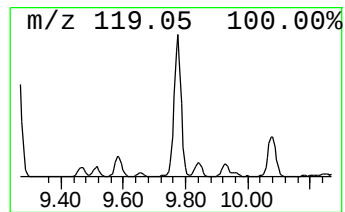
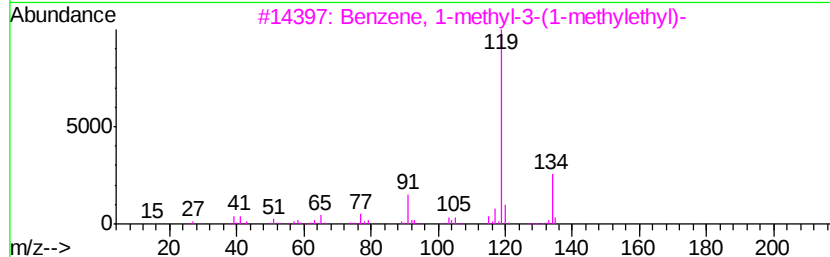
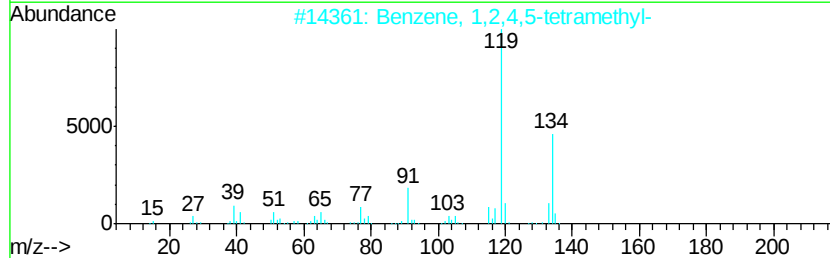
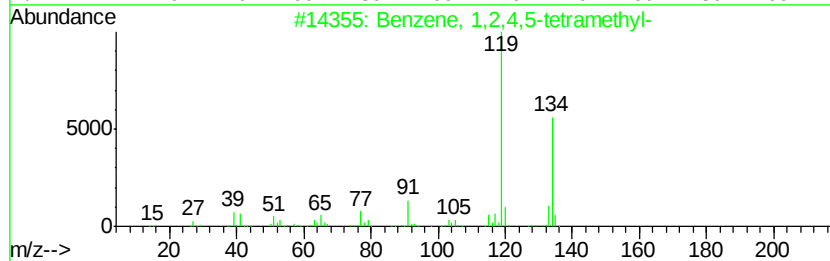
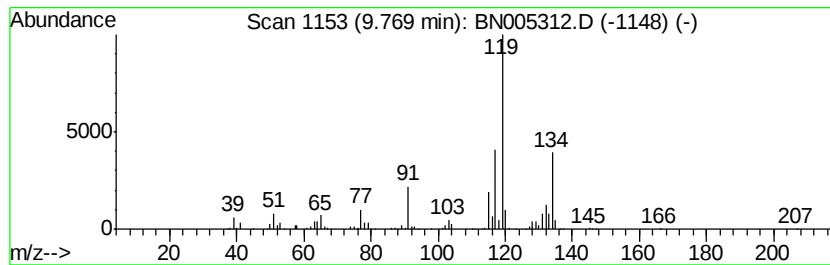
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	7.24 ng/ul	2539190	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	62
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	62



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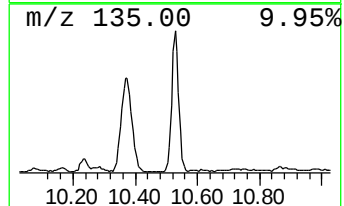
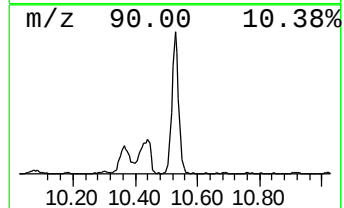
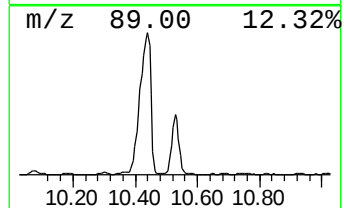
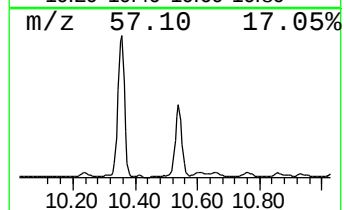
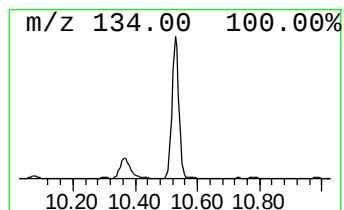
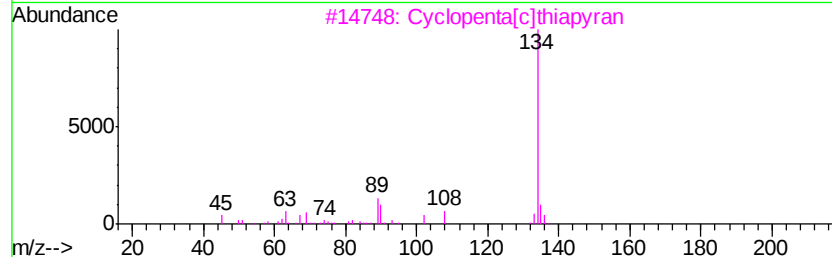
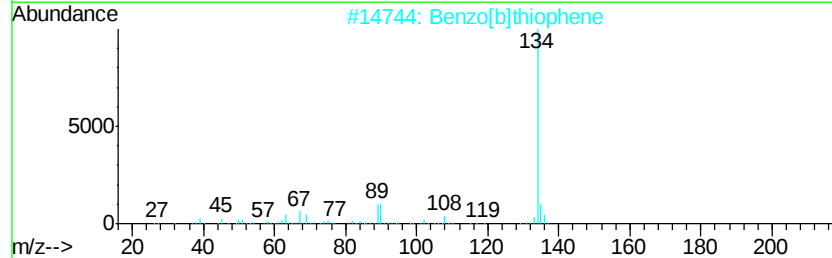
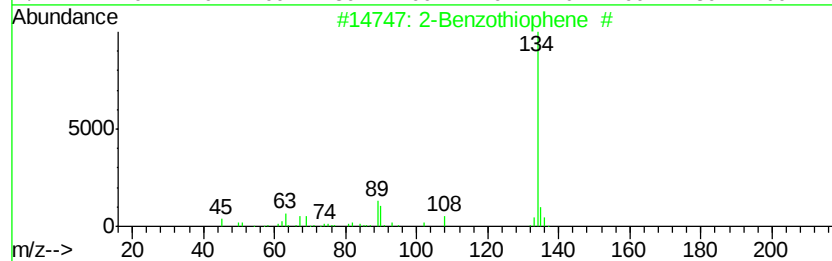
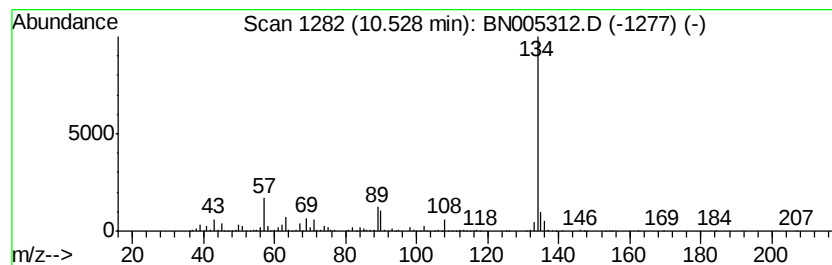
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Peak Number 2 2-Benzothiophene # Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	8.67 ng/ul	3039750	Naphthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Benzothiophene #	134	C8H6S	000270-82-6	95
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	93
4			Benzo[b]thiophene	134	C8H6S	000095-15-8	93
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	91



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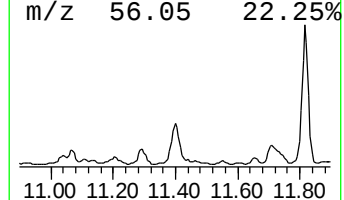
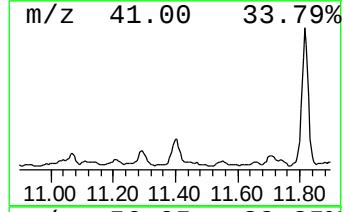
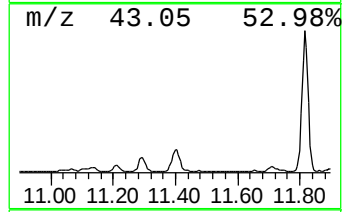
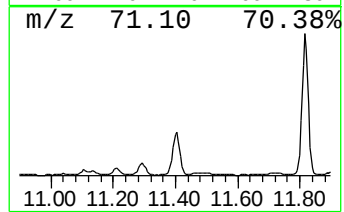
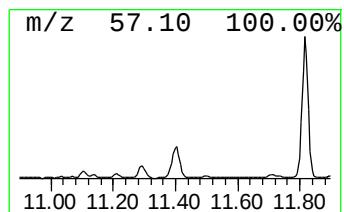
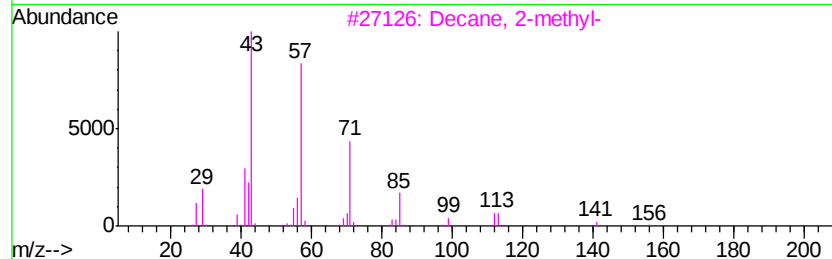
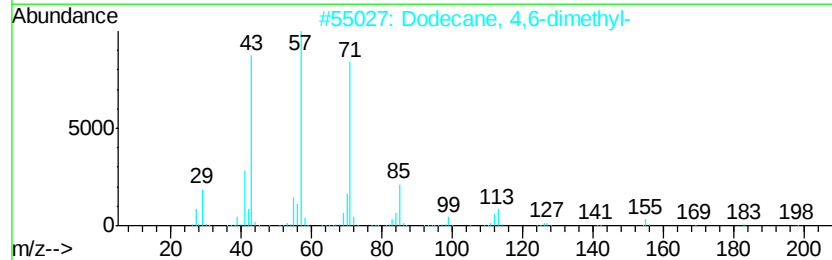
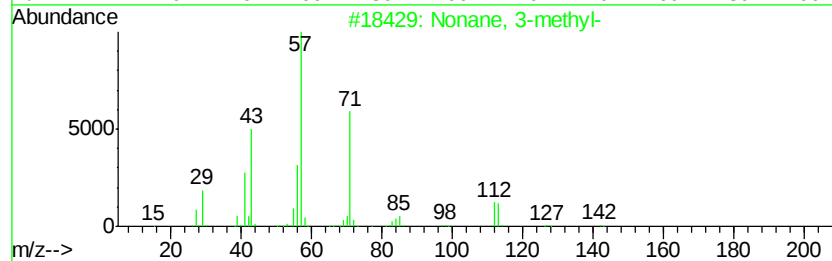
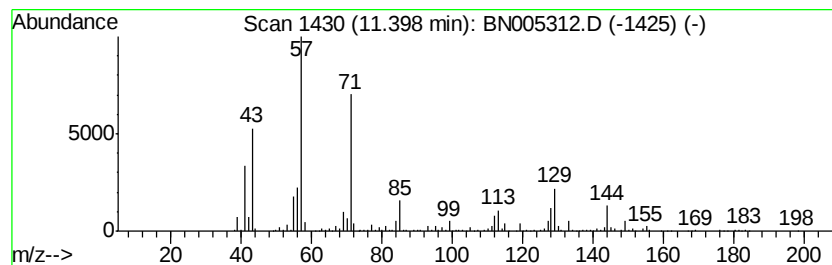
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	4.71 ng/ul	1651930	Naphthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	50
3			Decane, 2-methyl-	156	C11H24	006975-98-0	49
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	49
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ2

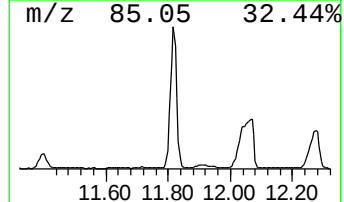
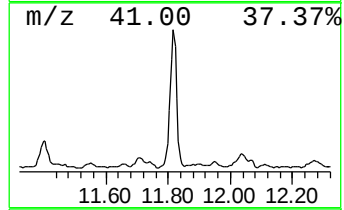
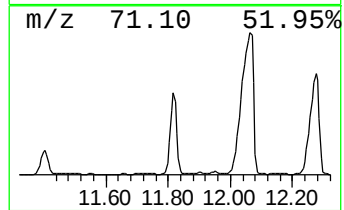
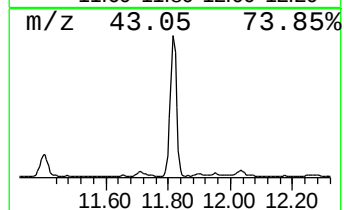
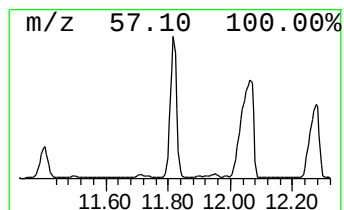
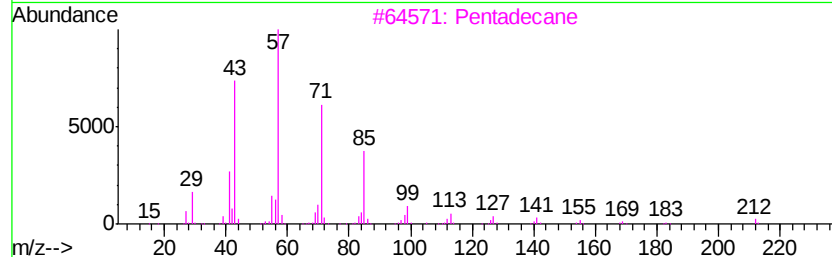
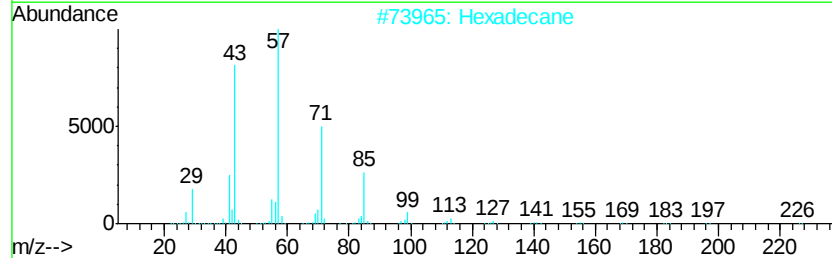
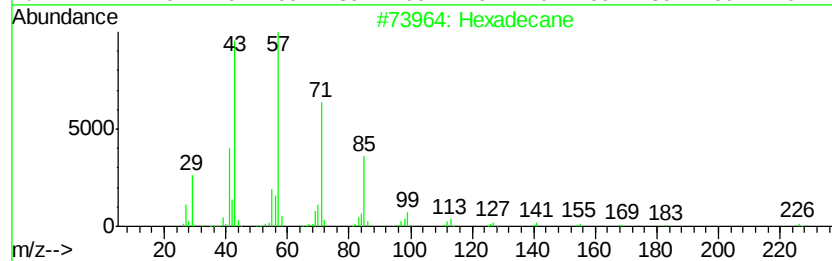
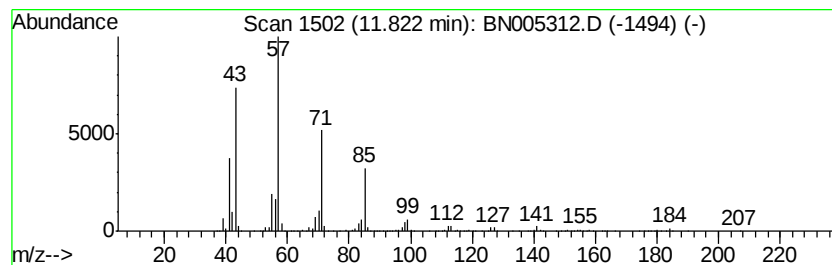
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	15.40 ng/ul	5398820	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Tridecane	184	C13H28	000629-50-5	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
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Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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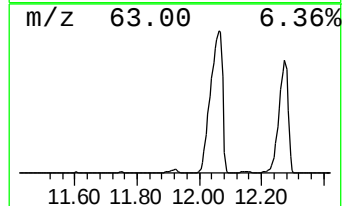
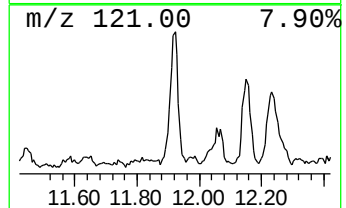
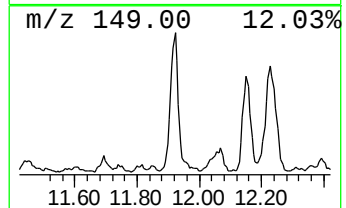
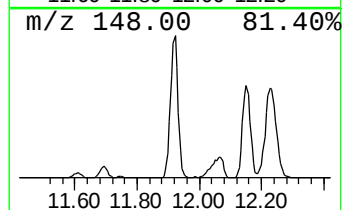
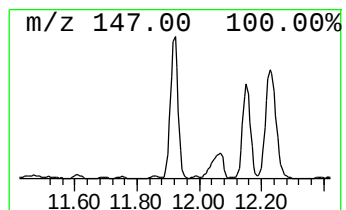
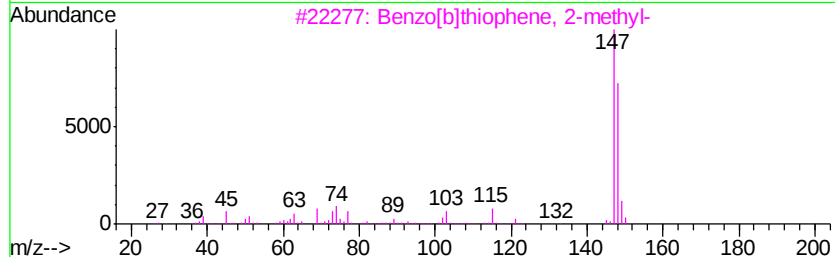
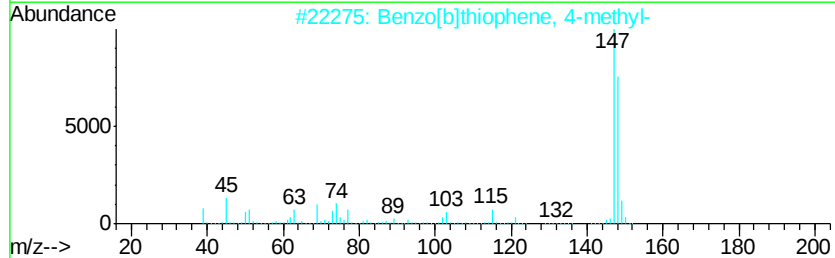
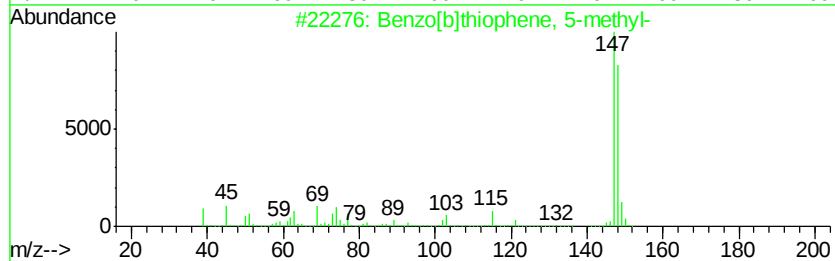
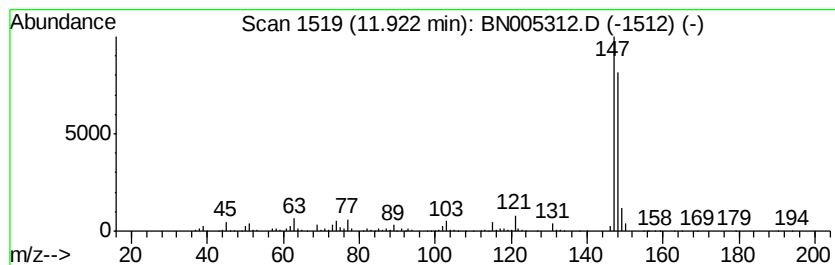
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzo[b]thiophene, 5-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	7.36 ng/ul	2579260	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
2		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
3		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
4		3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
5		3-Methylbenzothiophene	148	C9H8S	001455-18-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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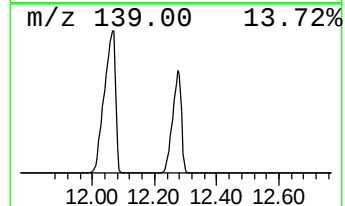
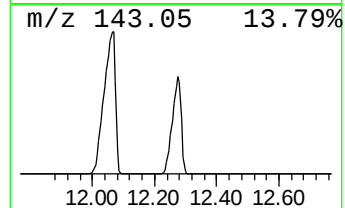
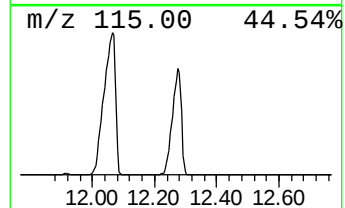
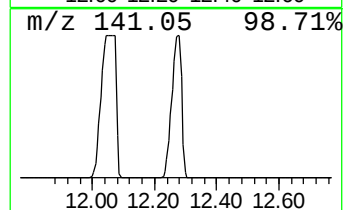
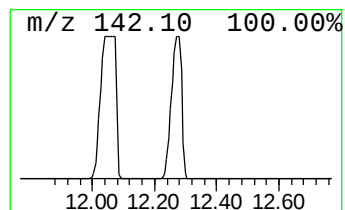
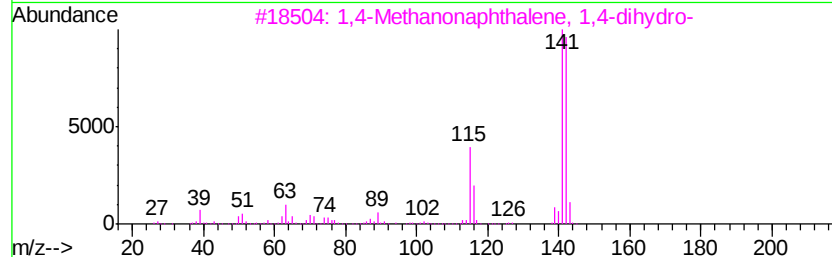
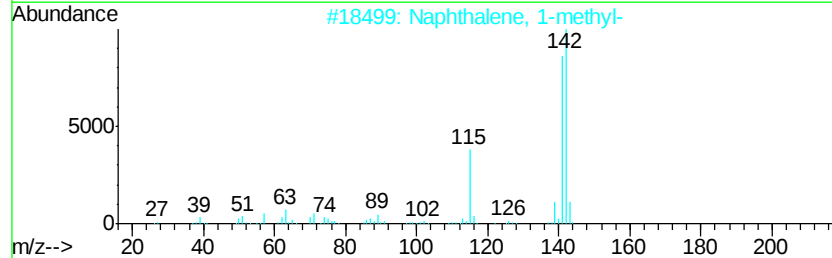
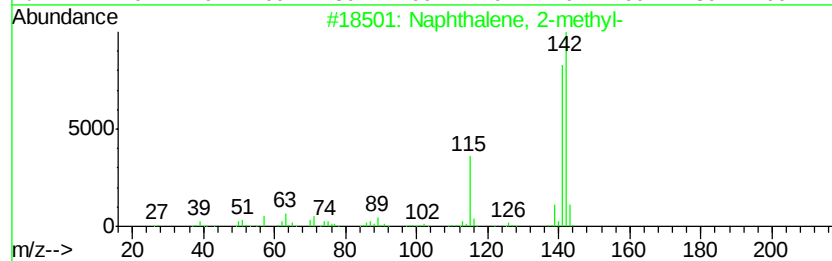
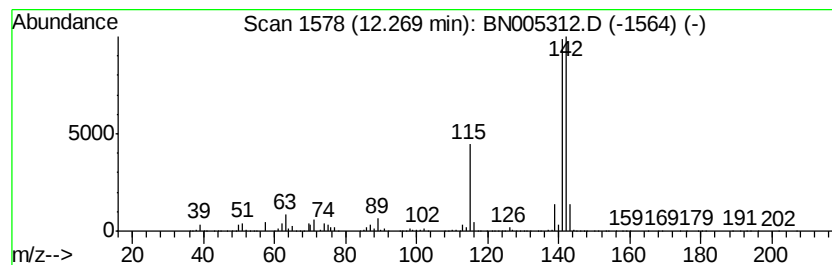
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	214.61 ng/ul	75229800	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
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Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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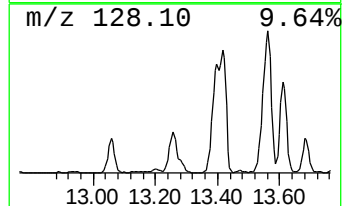
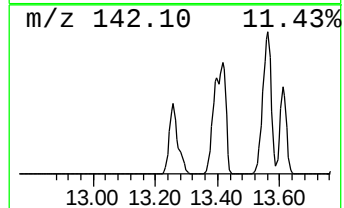
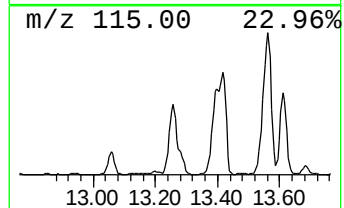
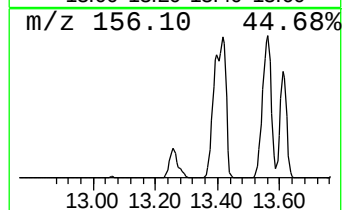
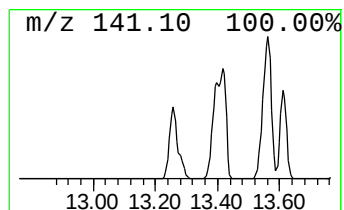
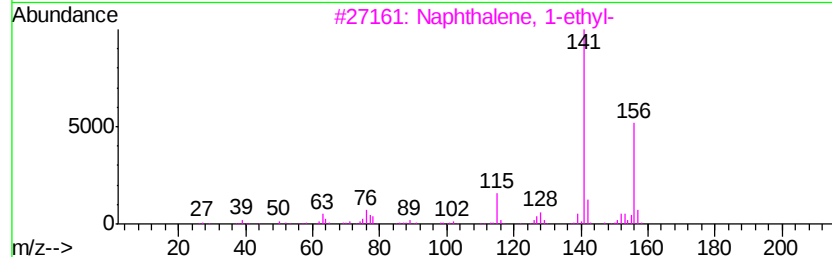
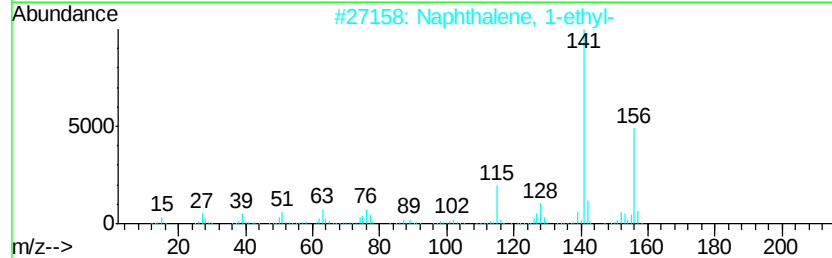
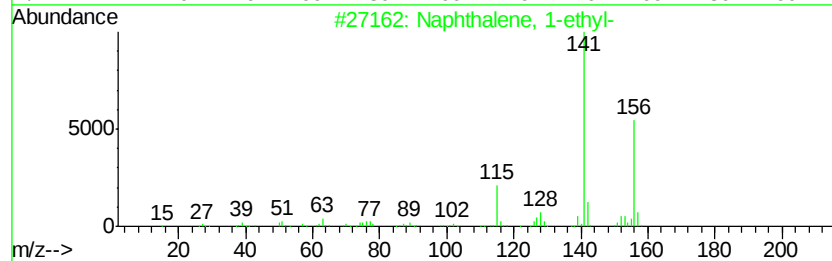
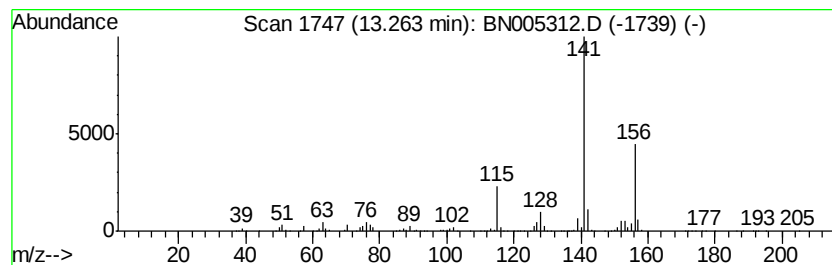
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	16.47 ng/ul	13064200	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
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Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

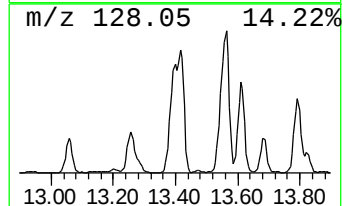
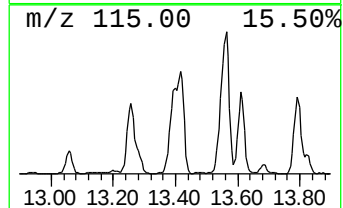
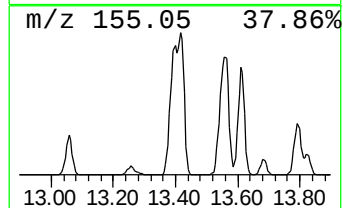
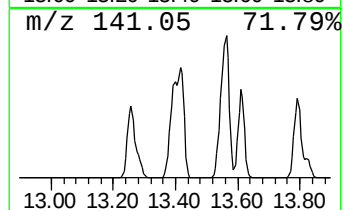
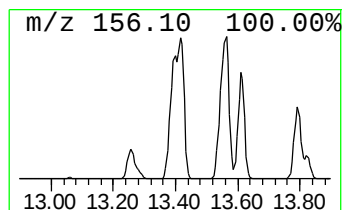
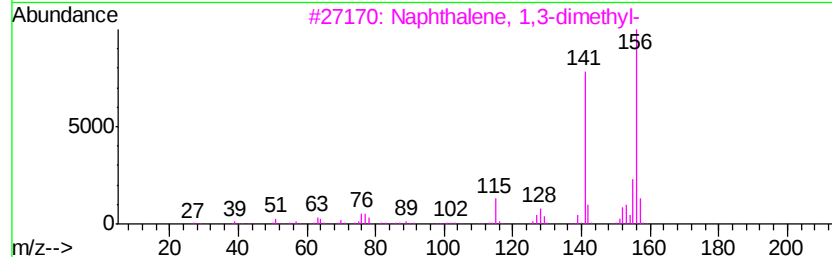
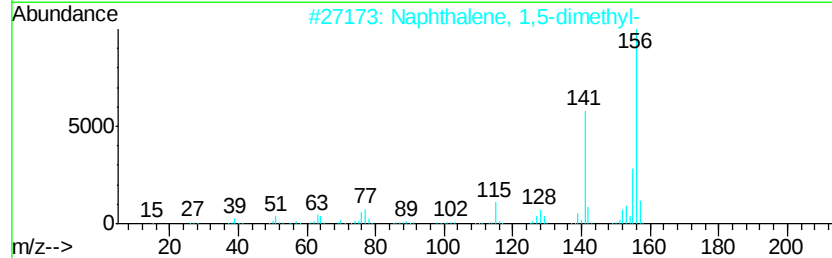
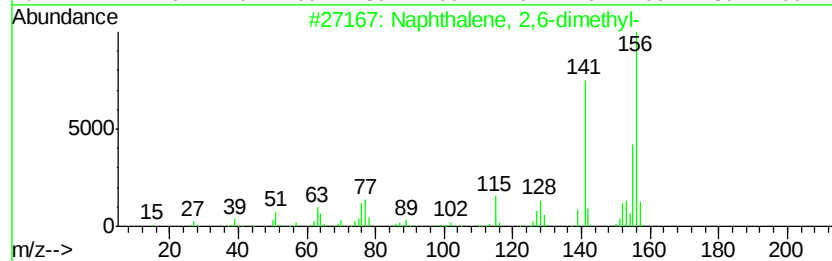
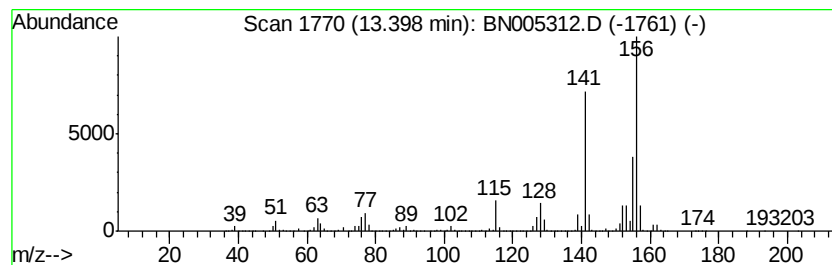
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	32.23 ng/ul	25563100	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 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\BN042519\
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Sample : K2456-02 20X
Misc :
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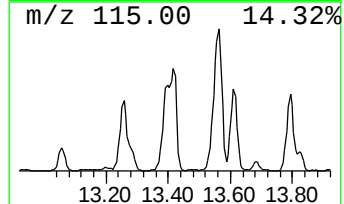
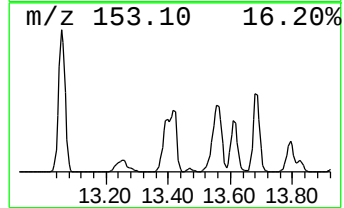
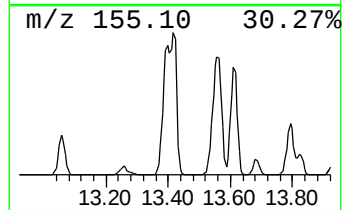
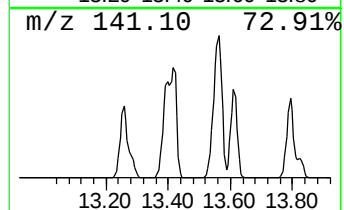
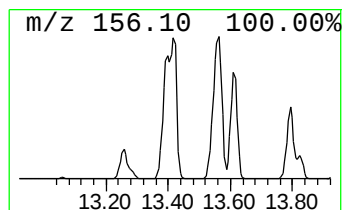
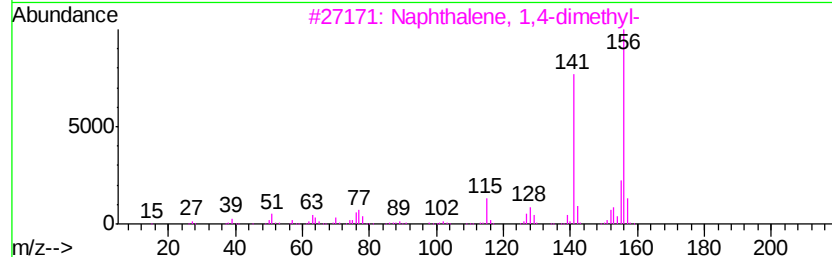
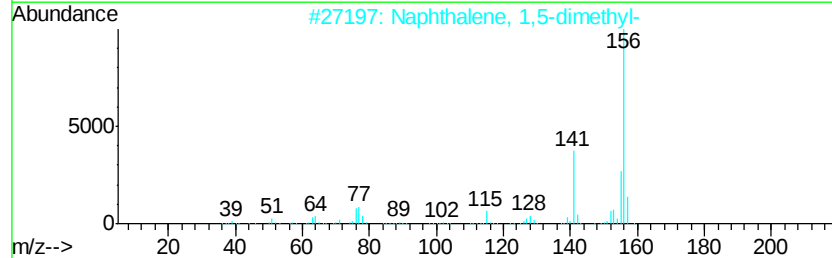
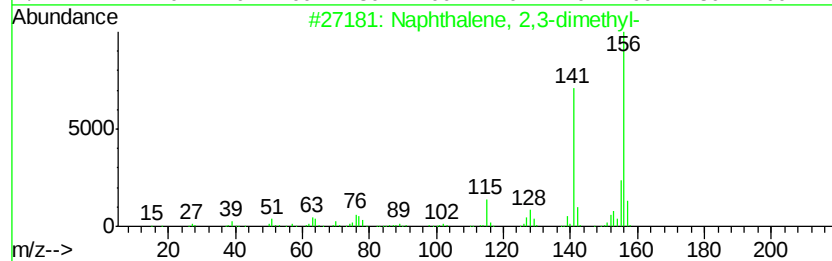
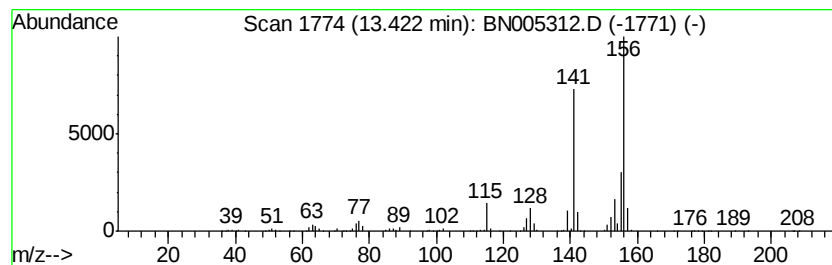
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	28.91 ng/ul	22928300	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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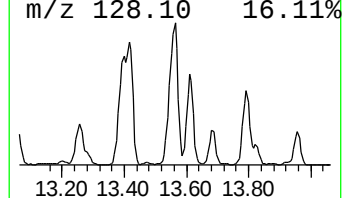
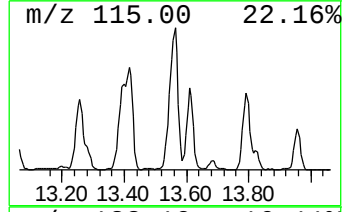
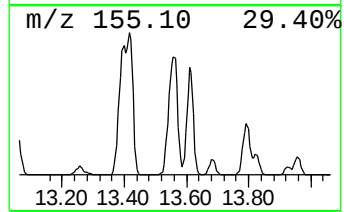
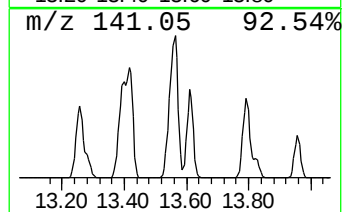
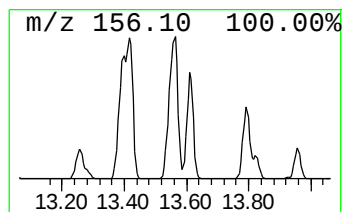
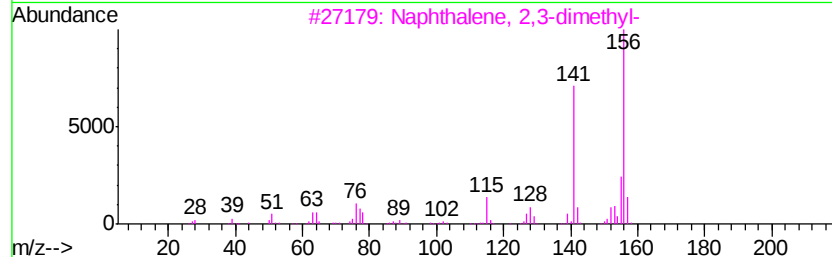
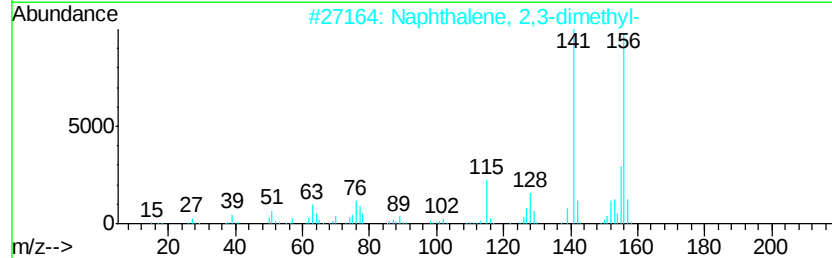
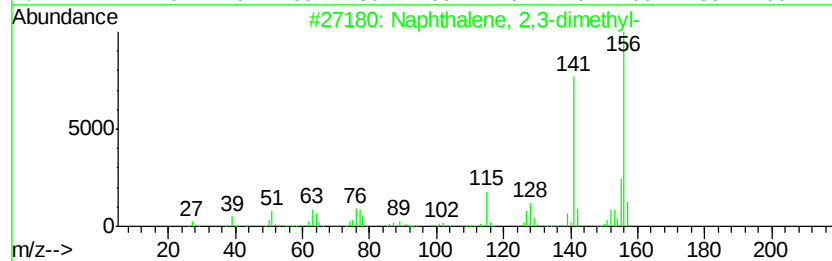
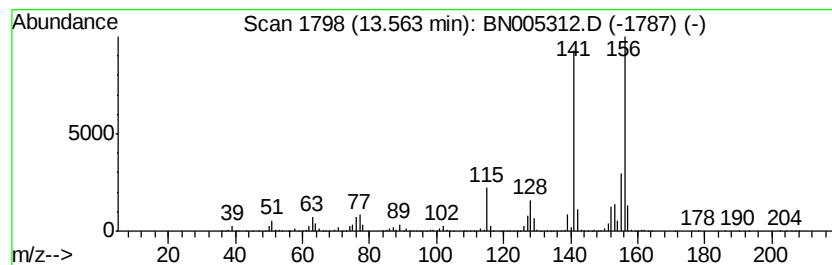
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	48.86 ng/ul	38751700	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ2

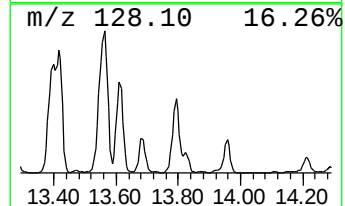
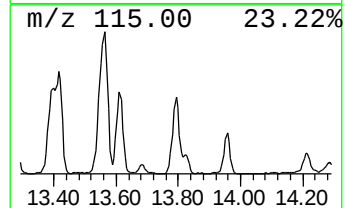
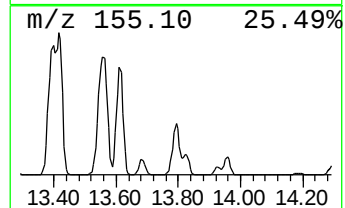
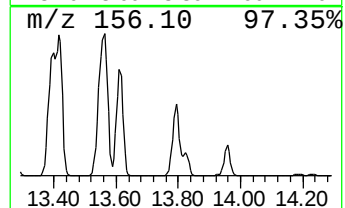
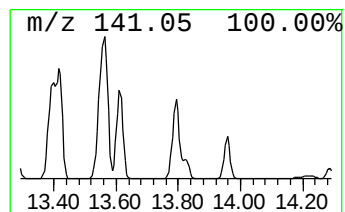
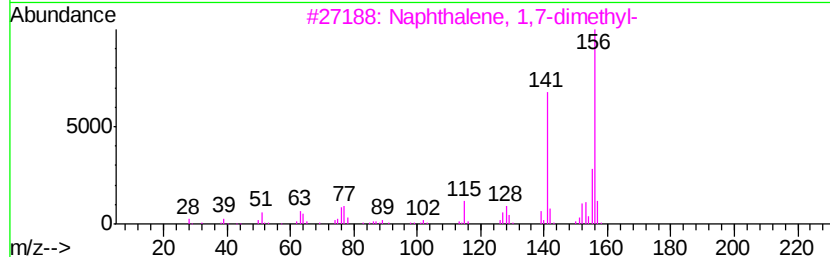
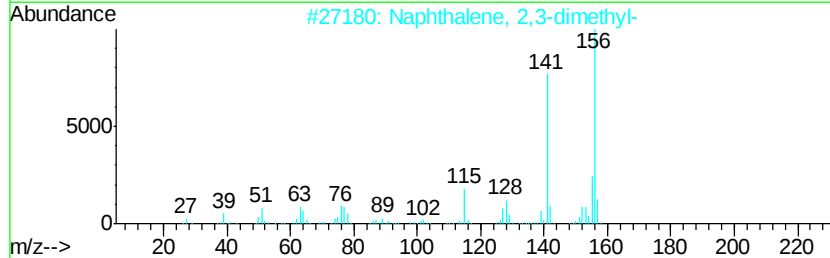
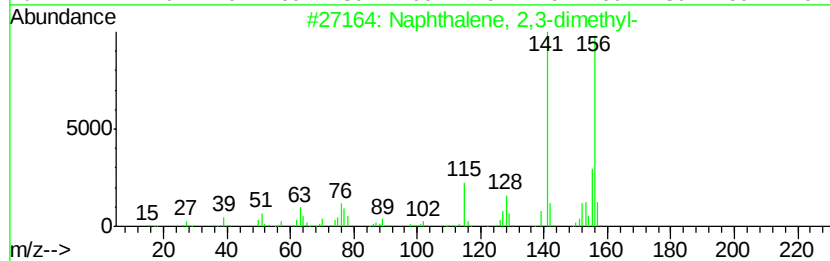
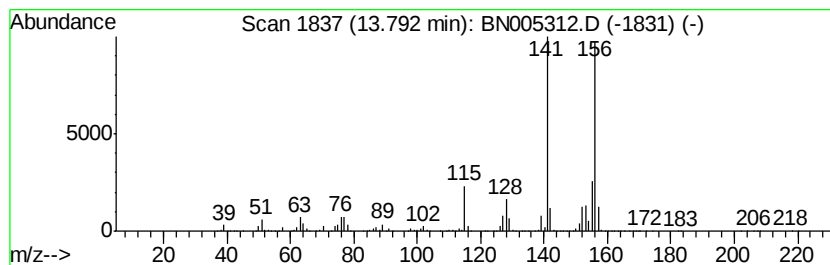
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	20.66 ng/ul	16383300	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ2

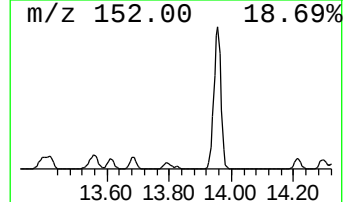
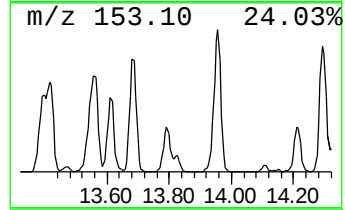
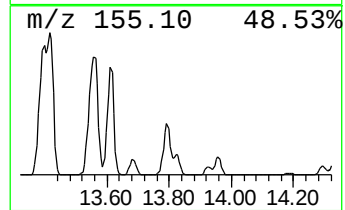
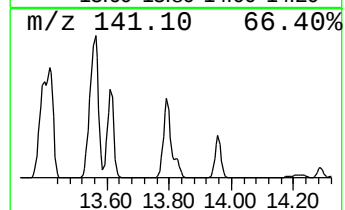
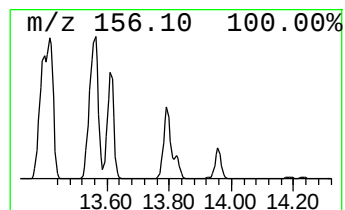
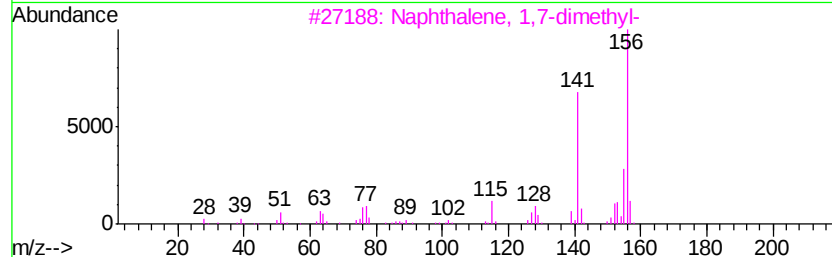
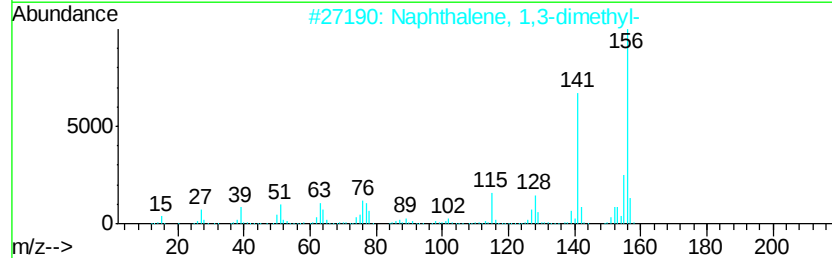
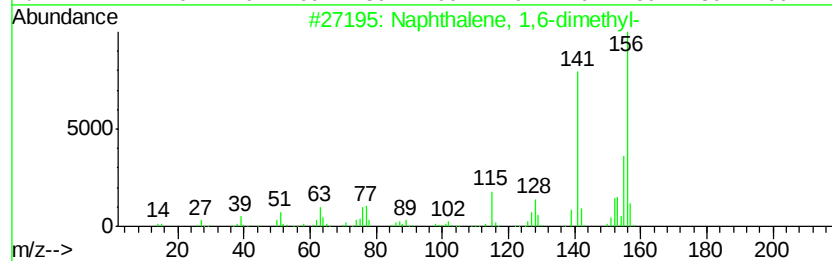
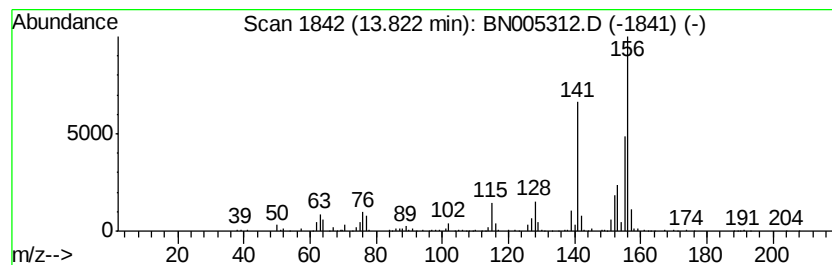
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.89 ng/ul	3085060	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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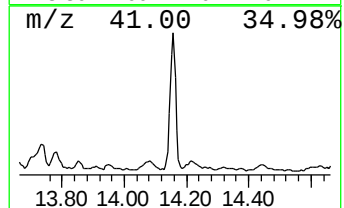
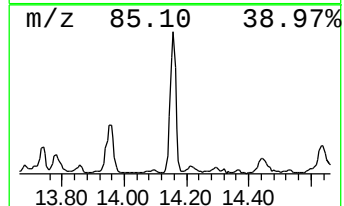
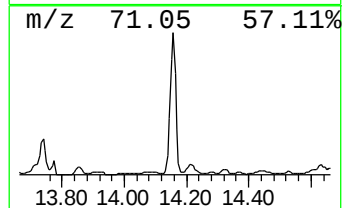
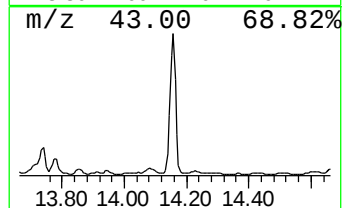
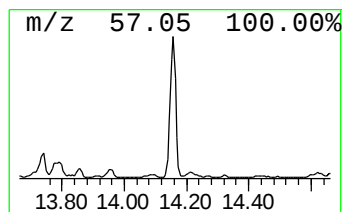
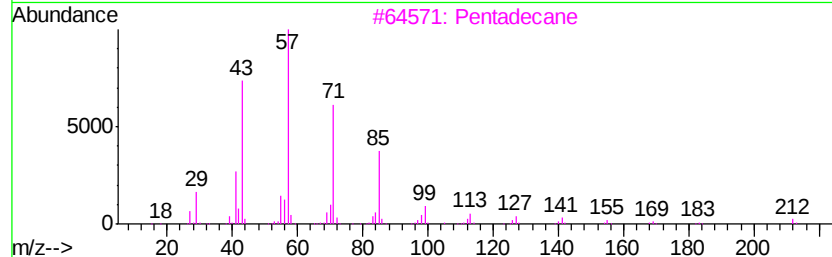
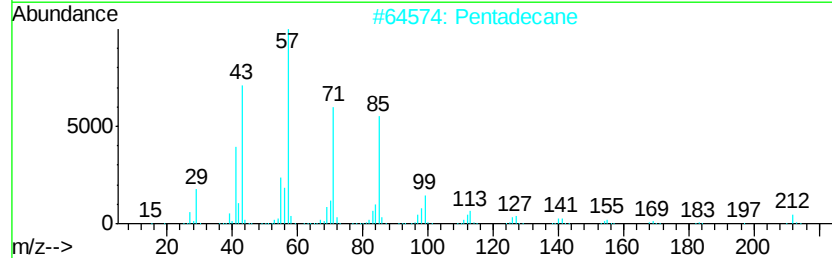
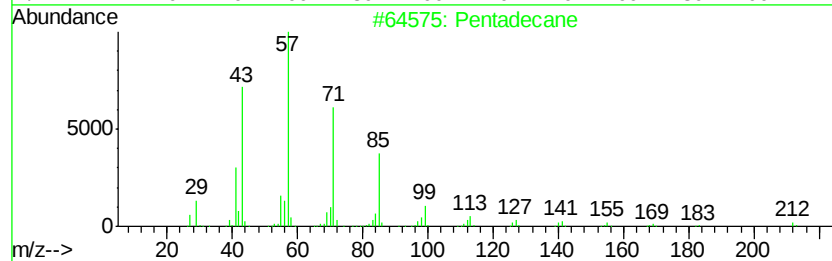
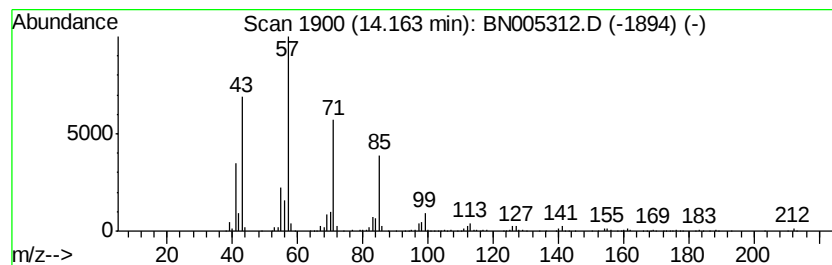
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.85 ng/ul	2261640	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	97
2			Pentadecane	212	C15H32	000629-62-9	95
3			Pentadecane	212	C15H32	000629-62-9	94
4			Eicosane	282	C20H42	000112-95-8	91
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ2

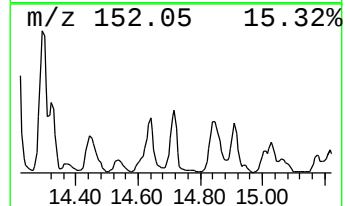
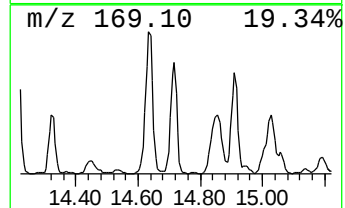
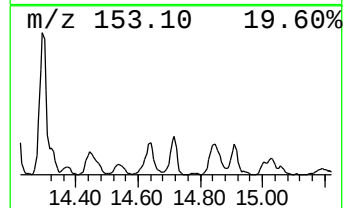
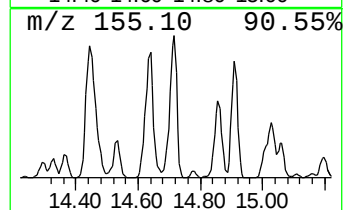
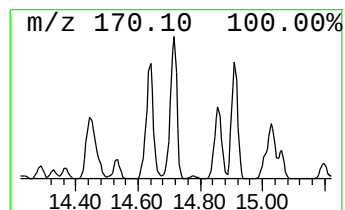
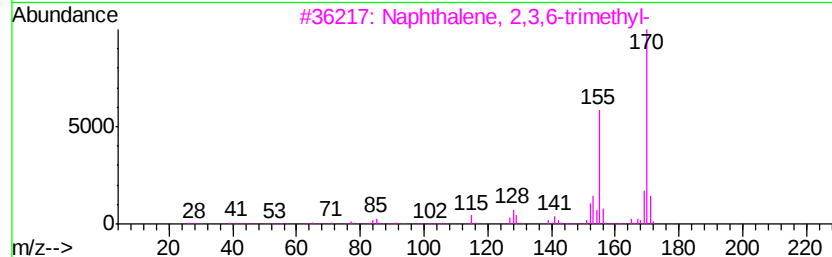
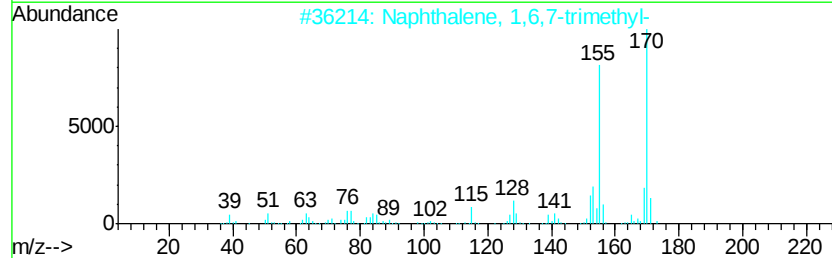
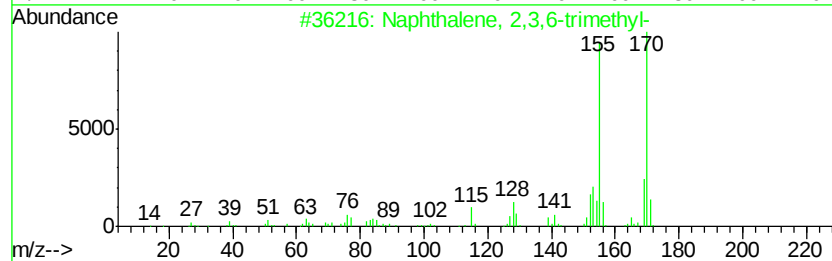
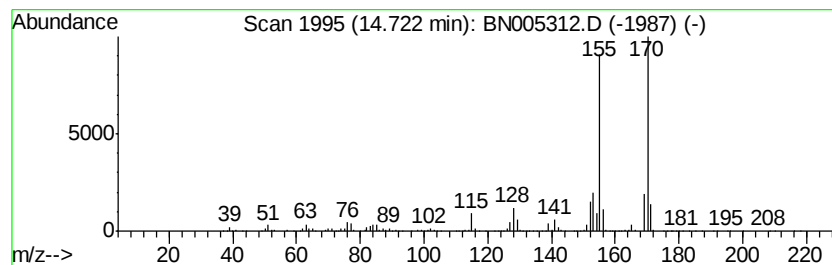
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	8.09 ng/ul	6418740	Acenaphthene-d10	14.23

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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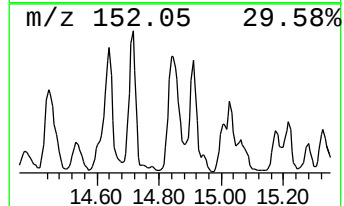
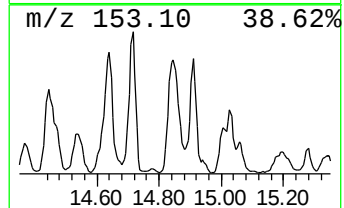
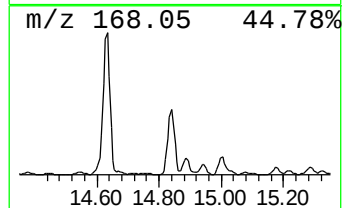
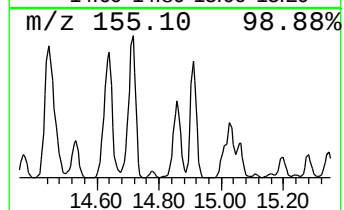
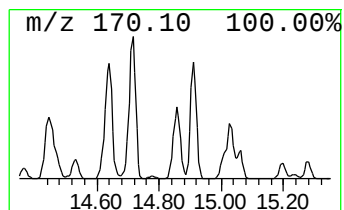
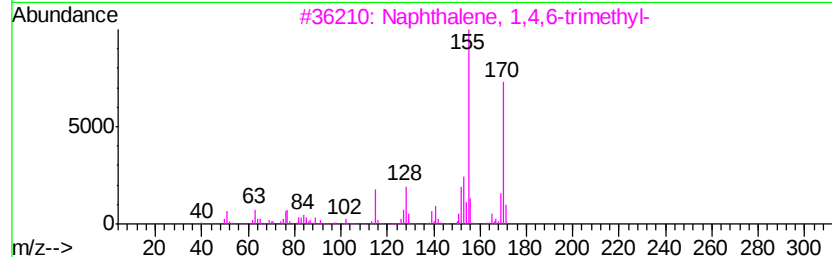
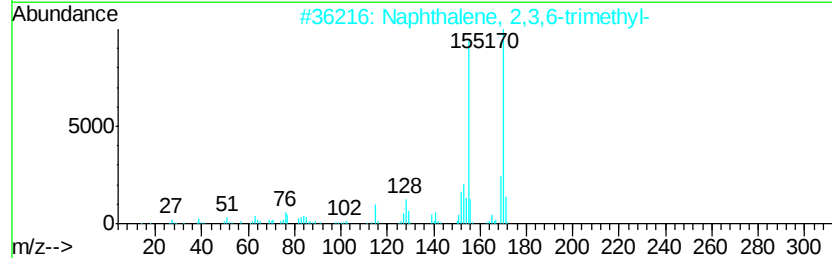
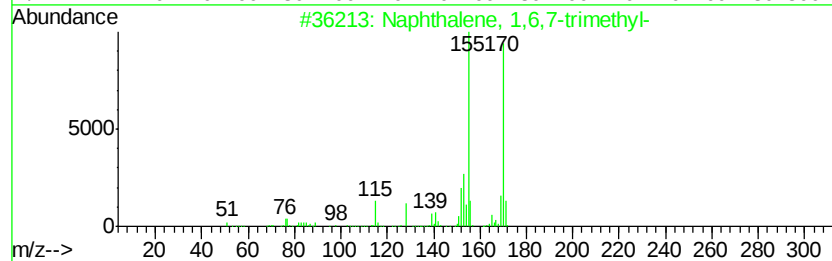
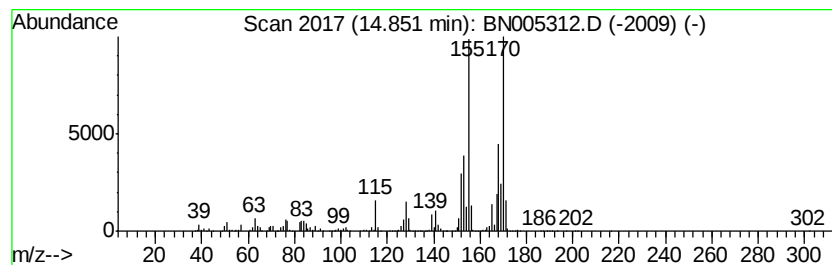
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	7.92 ng/ul	6285690	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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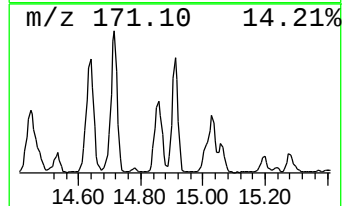
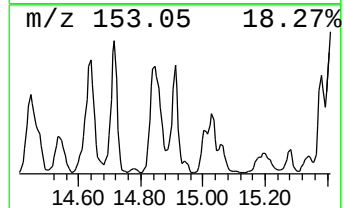
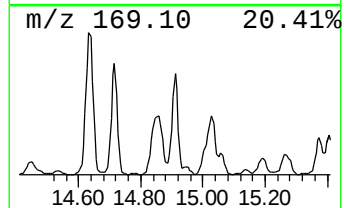
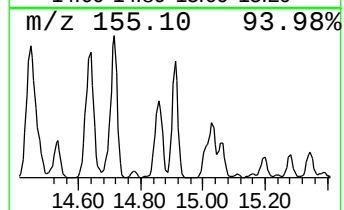
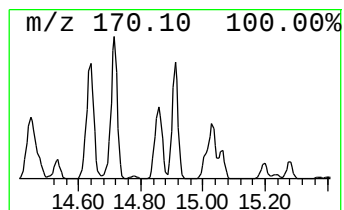
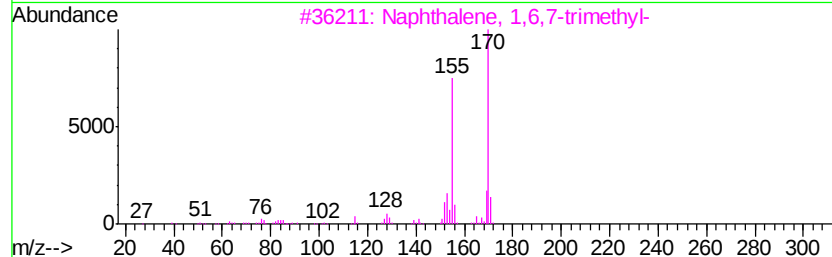
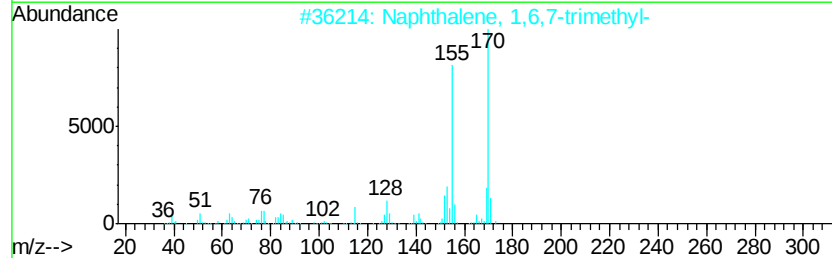
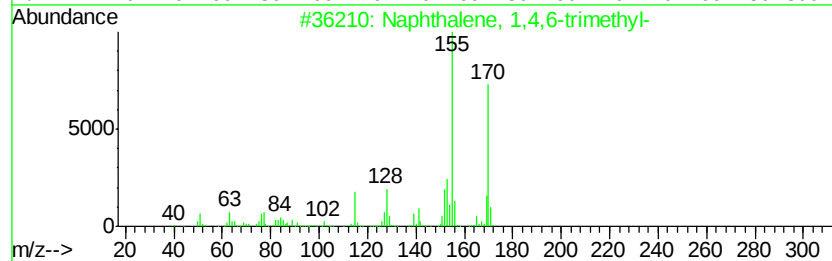
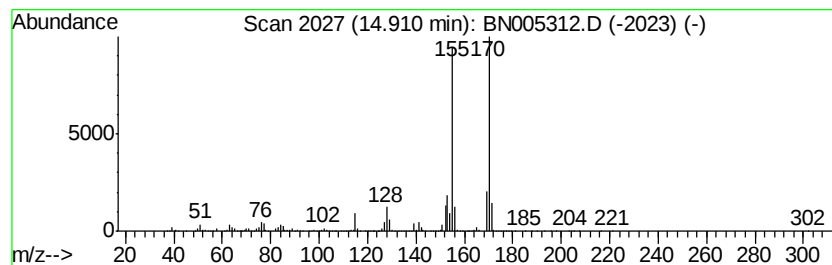
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	6.09 ng/ul	4827570	Acenaphthene-d10	14.23

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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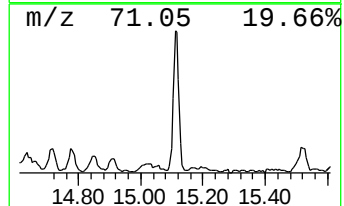
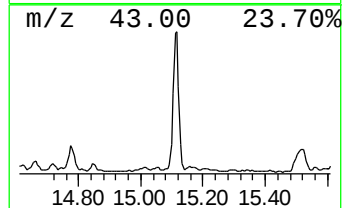
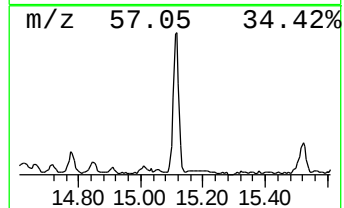
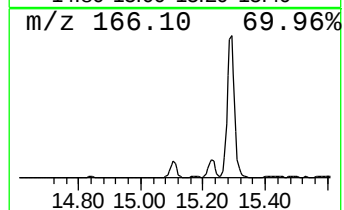
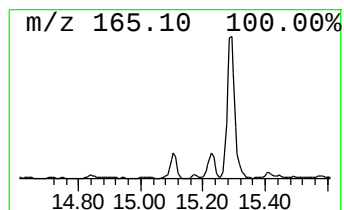
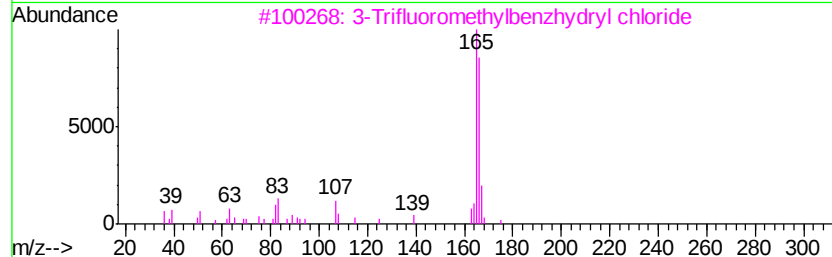
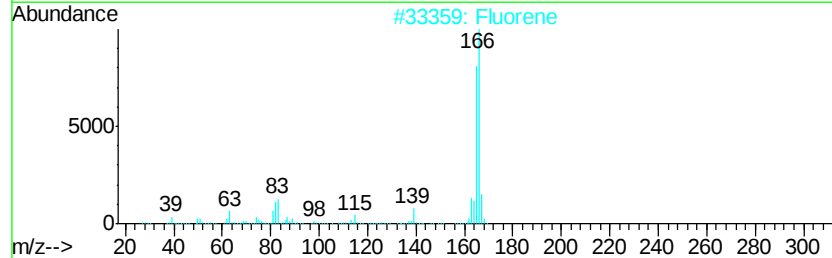
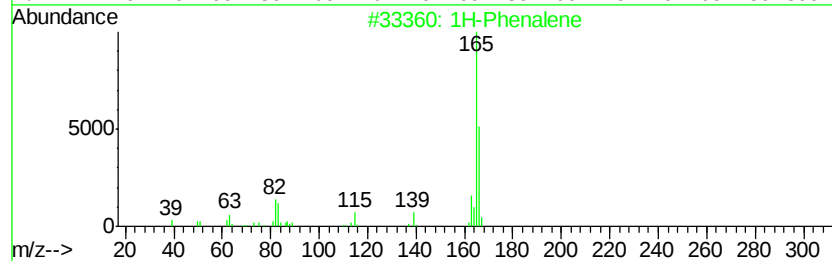
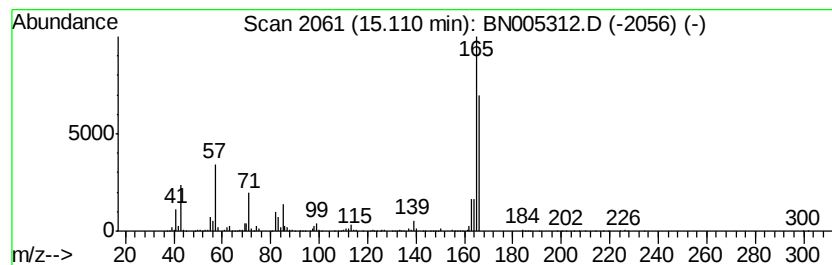
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1H-Phenalene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	4.68 ng/ul	3709310	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Phenalene	166	C13H10	000203-80-5	59
2			Fluorene	166	C13H10	000086-73-7	46
3			3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	45
4			Fluorene	166	C13H10	000086-73-7	43
5			Fluorene-9-methanol	196	C14H12O	024324-17-2	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
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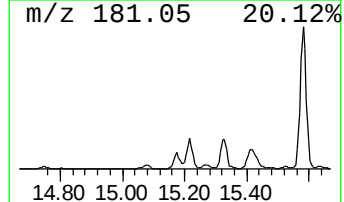
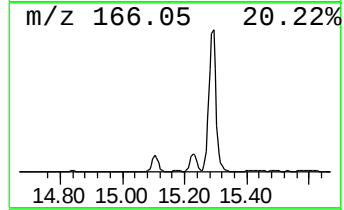
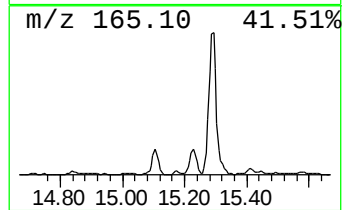
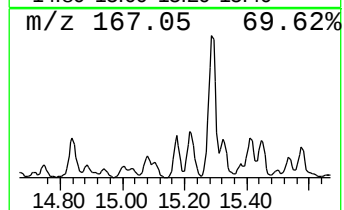
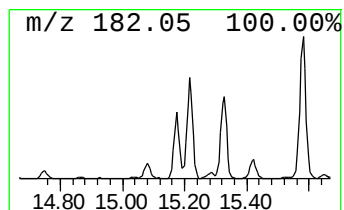
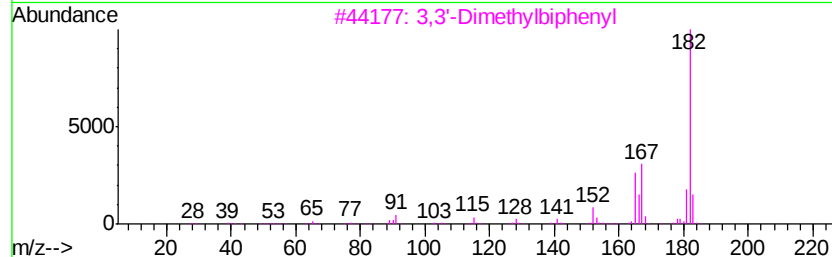
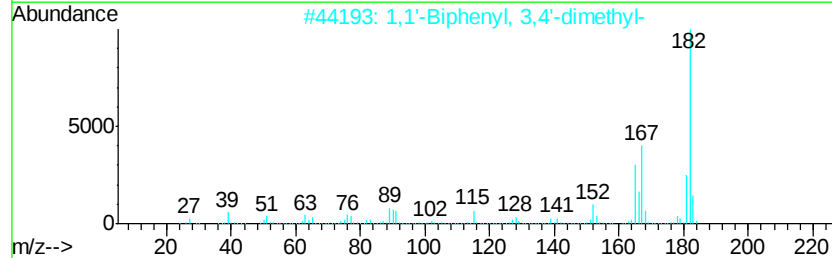
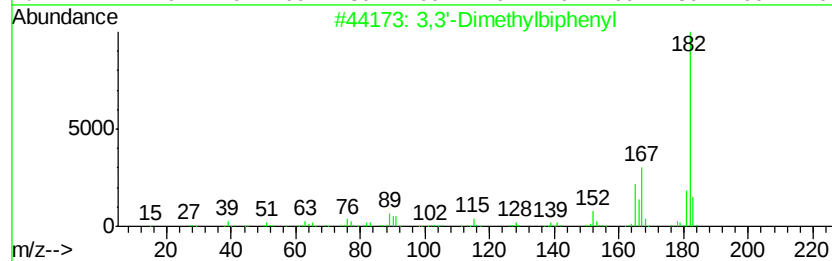
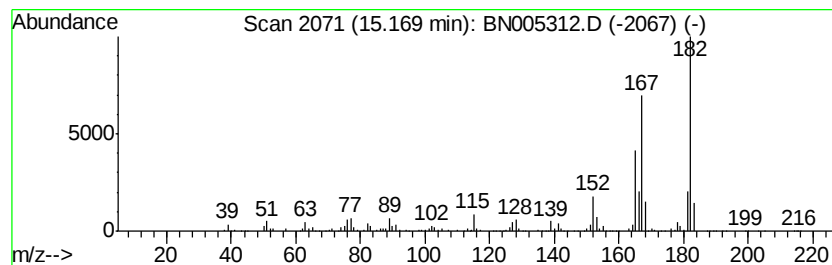
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 3,3'-Dimethylbiphenyl Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.41 ng/ul	1912280	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	94
2			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	94
3			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	94
4			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	93
5			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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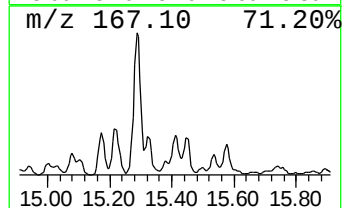
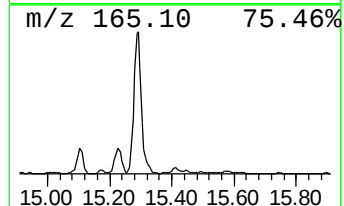
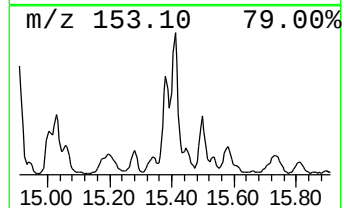
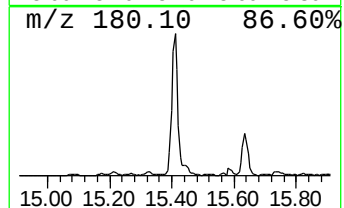
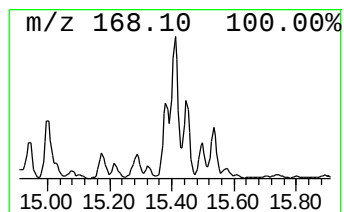
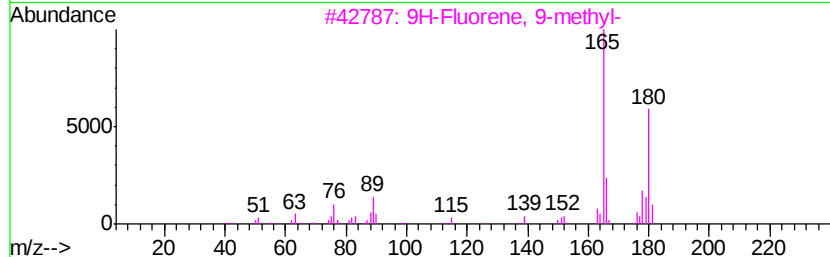
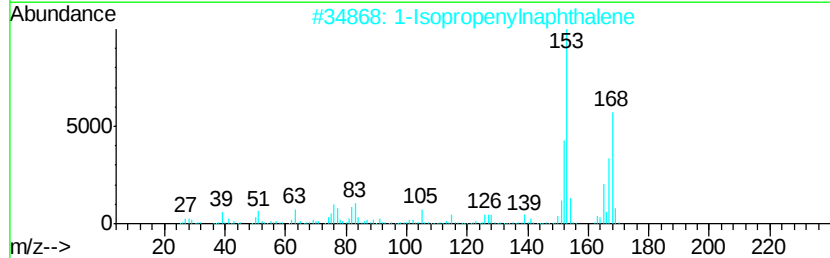
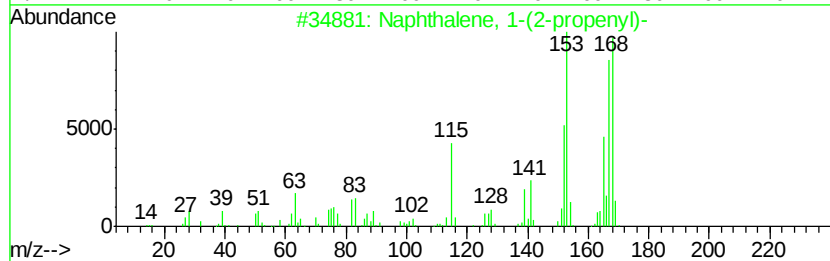
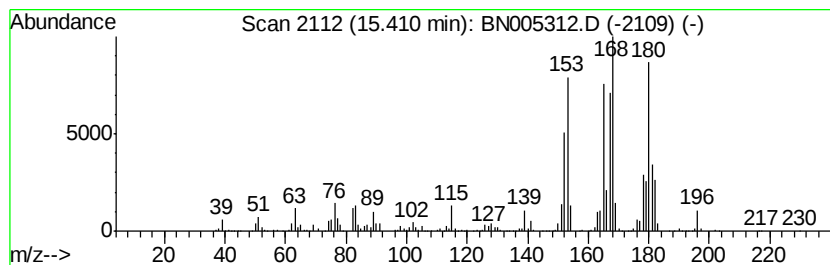
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Naphthalene, 1-(2-propenyl)- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	3.19 ng/ul	2532070	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
2			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	46
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	42
4			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38
5			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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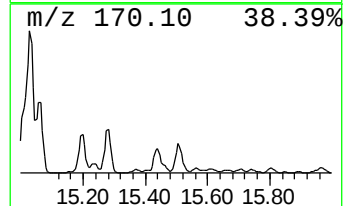
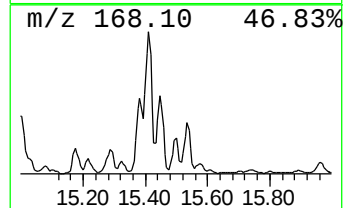
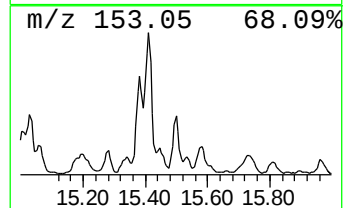
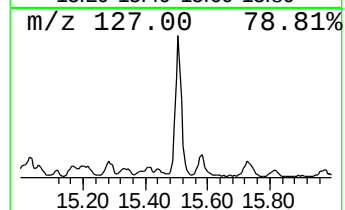
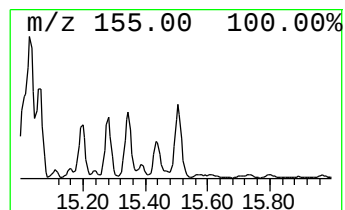
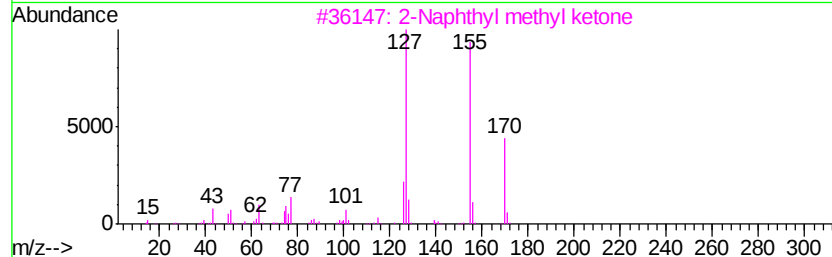
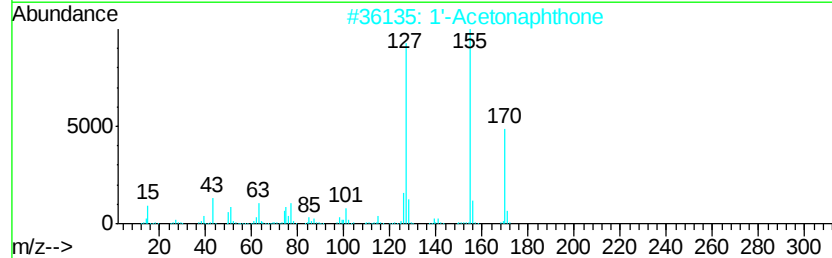
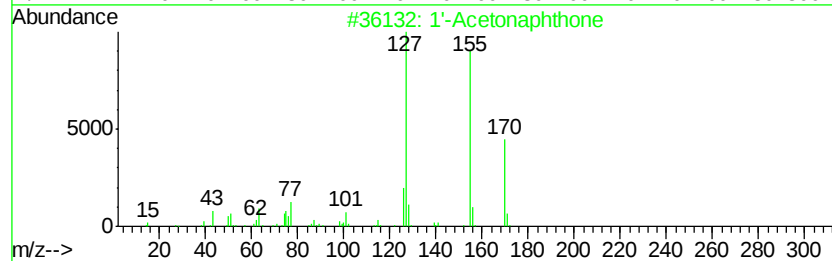
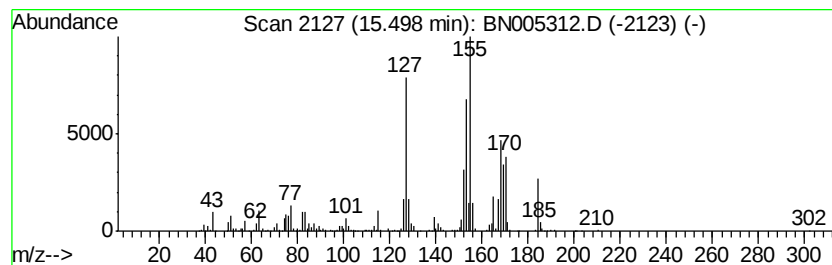
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 1'-Acetonaphthone Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	2.06 ng/ul	1633280	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1'-Acetonaphthone	170	C12H10O	000941-98-0	92
2			1'-Acetonaphthone	170	C12H10O	000941-98-0	91
3			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	89
4			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	83
5			1'-Acetonaphthone	170	C12H10O	000941-98-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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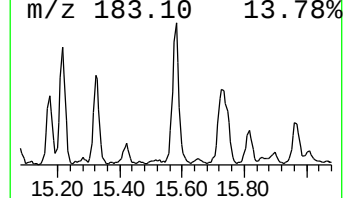
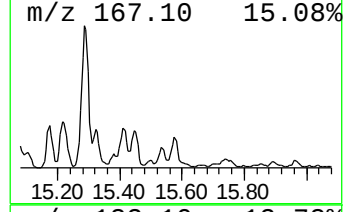
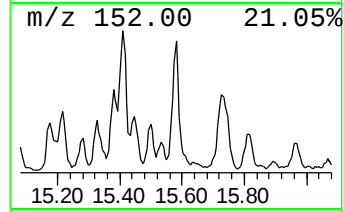
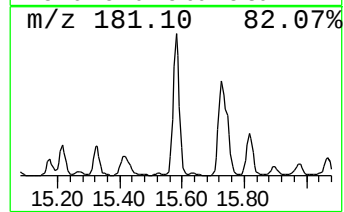
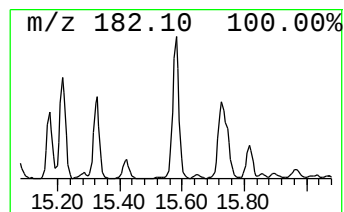
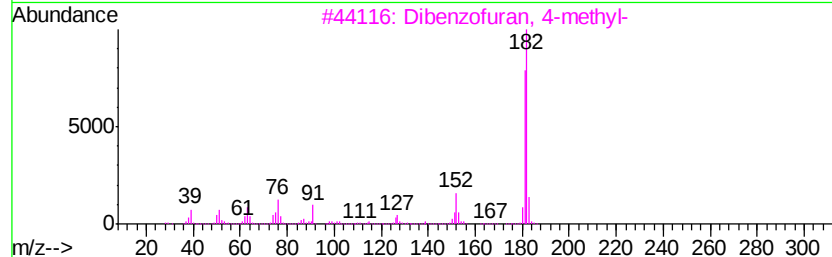
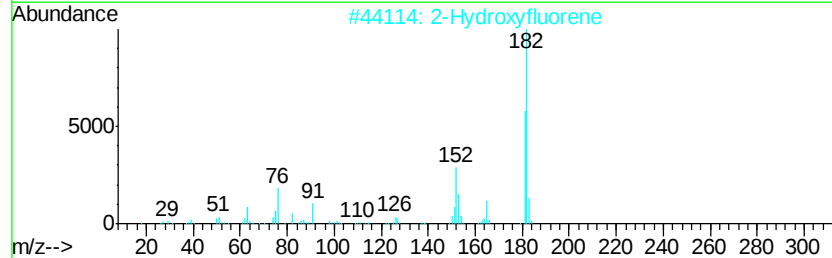
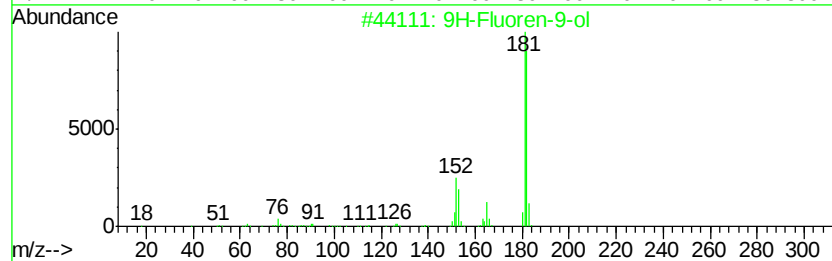
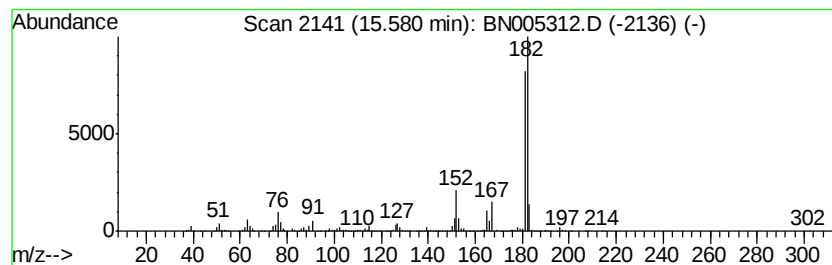
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 9H-Fluoren-9-ol Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	3.98 ng/ul	3156280	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
2		2-Hydroxyfluorene	182	C13H10O	002443-58-5	87
3		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	74
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	68
5		Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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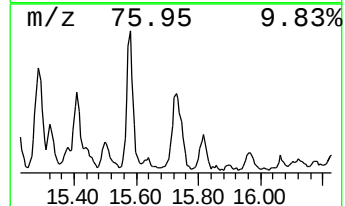
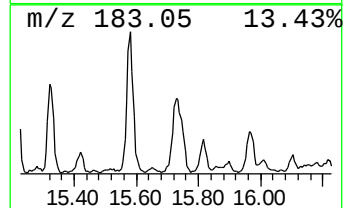
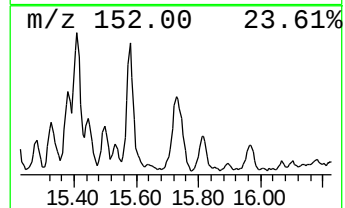
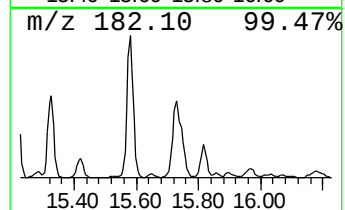
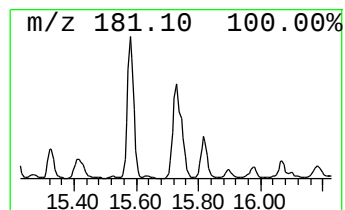
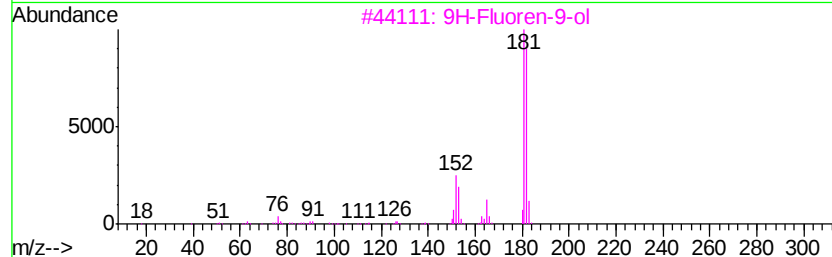
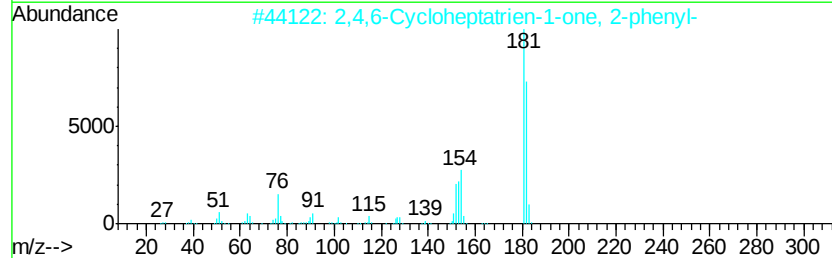
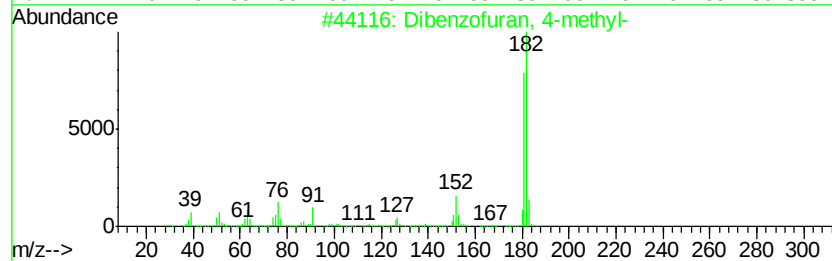
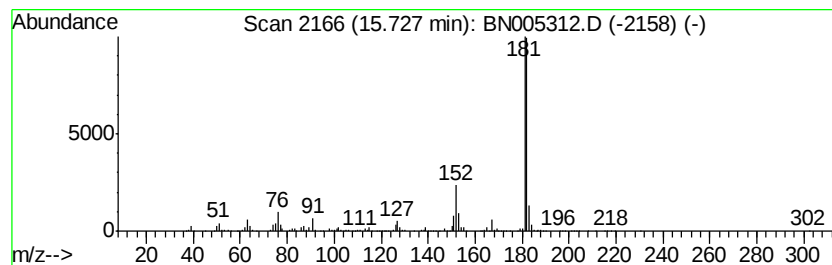
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Dibenzofuran, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	8.54 ng/ul	3062960	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
5			9H-Xanthene	182	C13H10O	000092-83-1	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

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BNA_N
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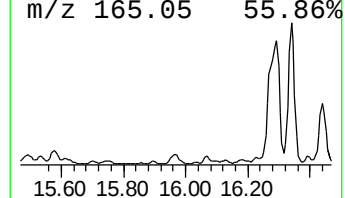
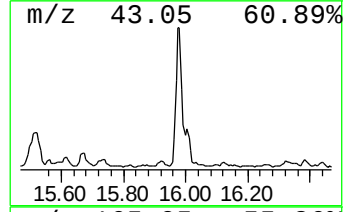
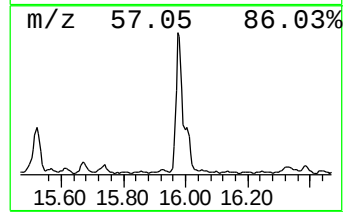
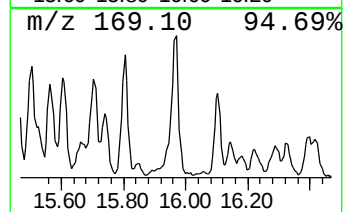
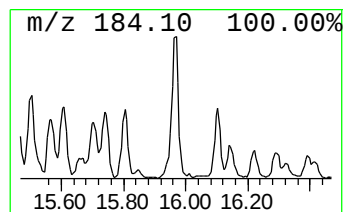
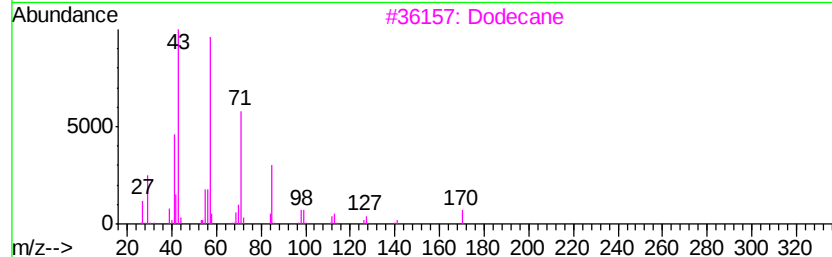
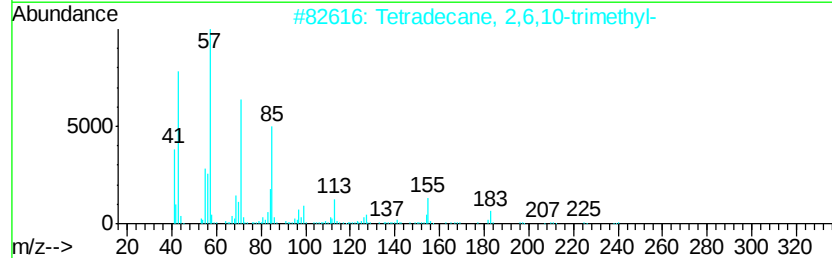
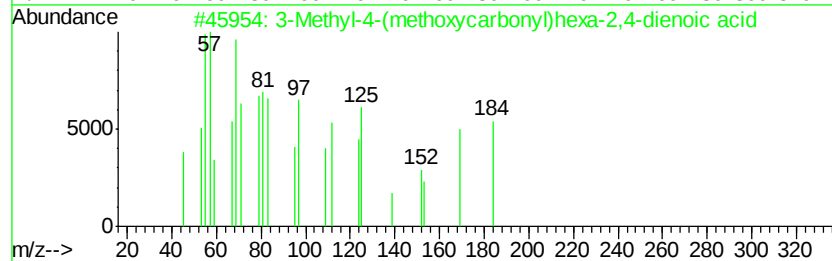
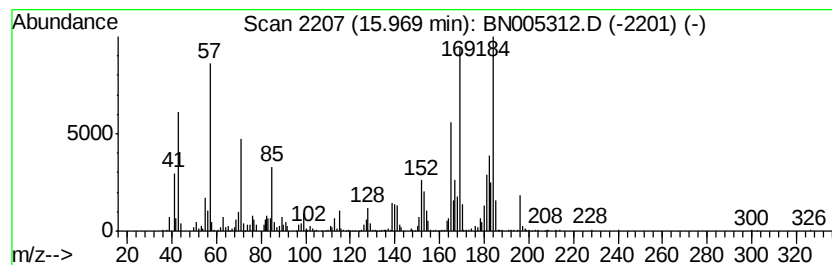
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 3-Methyl-4-(methoxycarbonyl... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	5.47 ng/ul	1960490	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	60
2			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	35
3			Dodecane	170	C12H26	000112-40-3	35
4			Dodecane	170	C12H26	000112-40-3	25
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ2

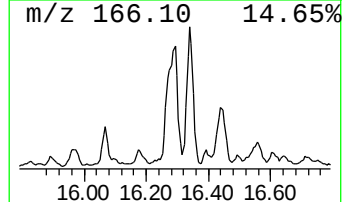
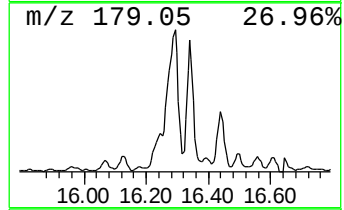
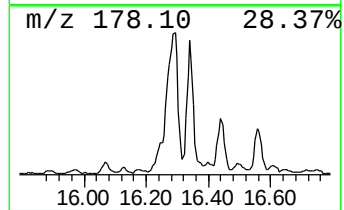
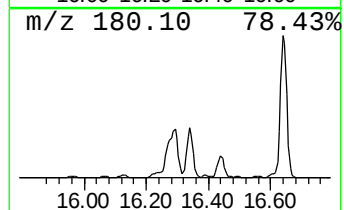
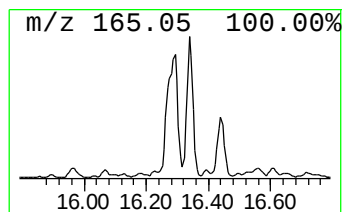
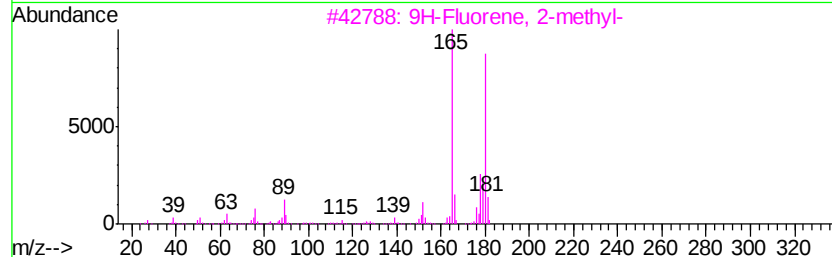
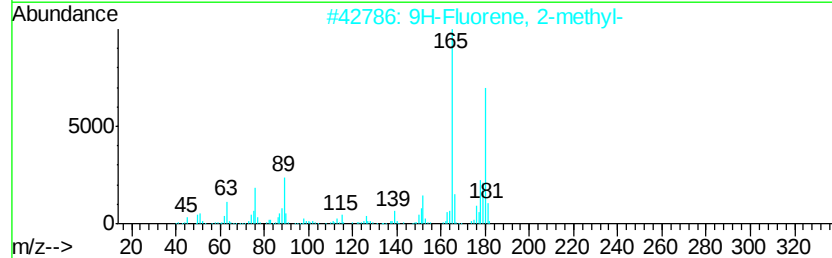
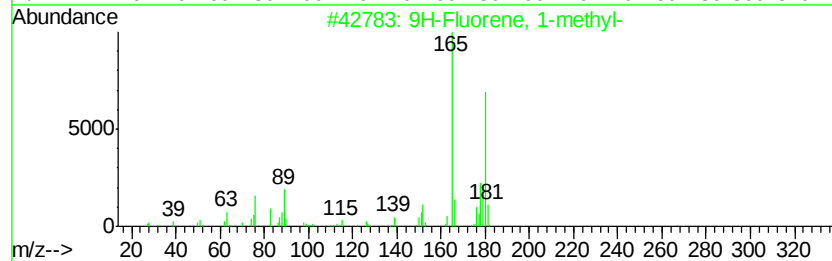
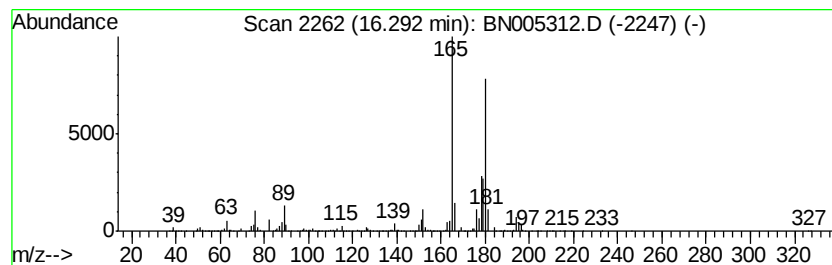
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 9H-Fluorene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	22.91 ng/ul	8212550	Phenanthrene-d10	16.99

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ2

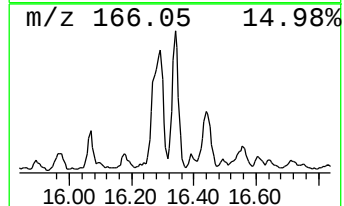
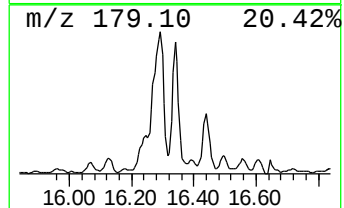
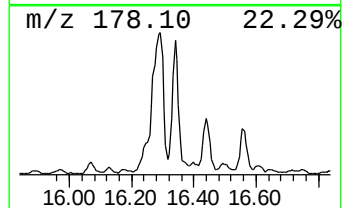
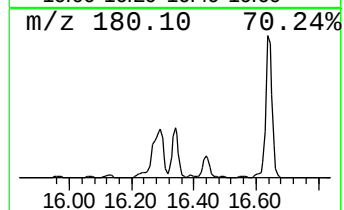
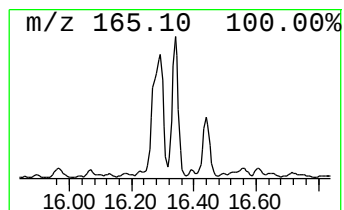
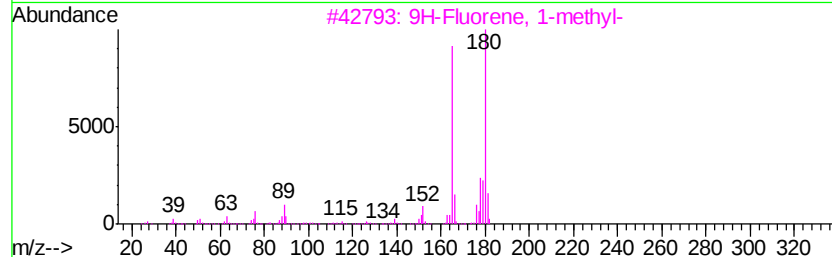
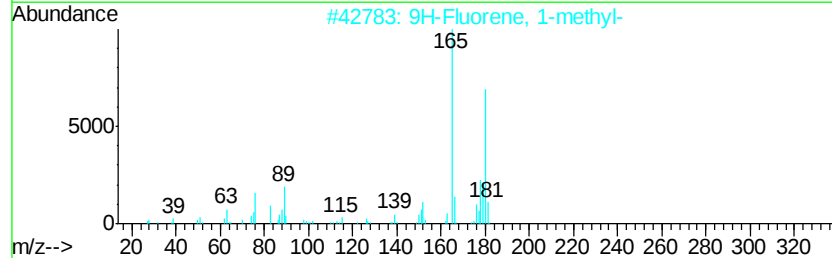
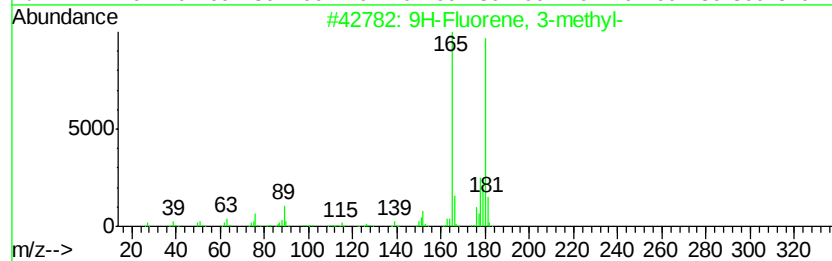
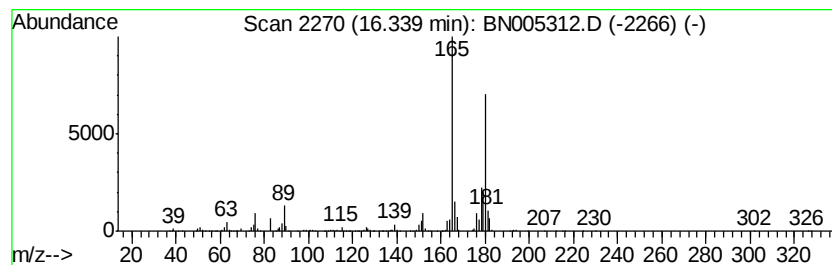
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 9H-Fluorene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	13.40 ng/ul	4805260	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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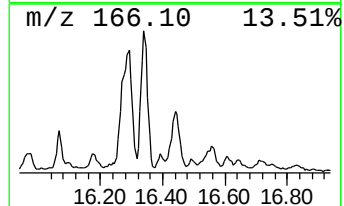
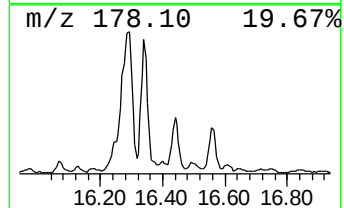
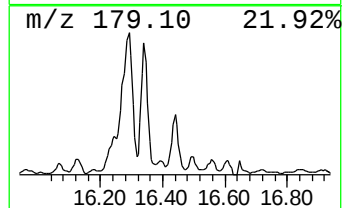
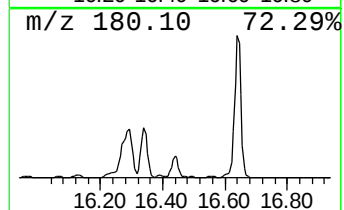
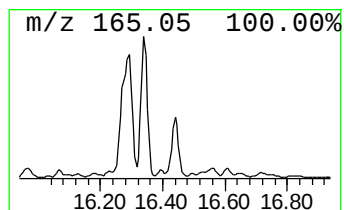
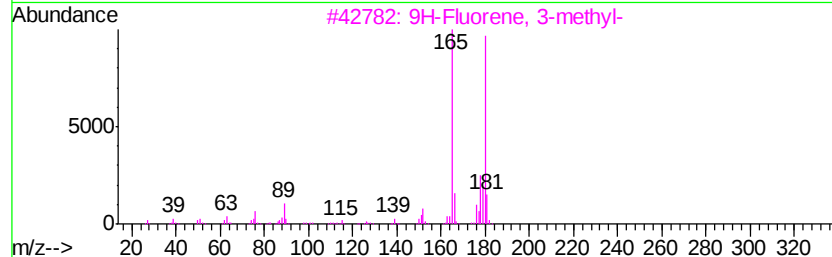
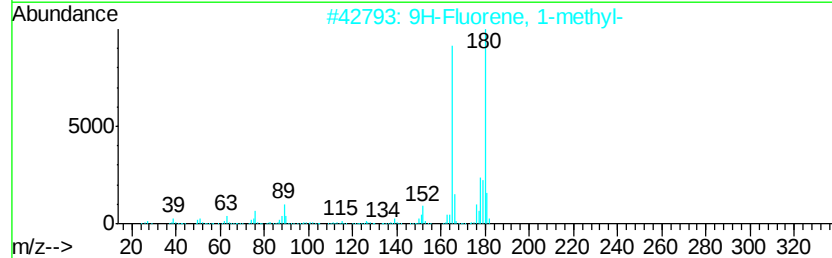
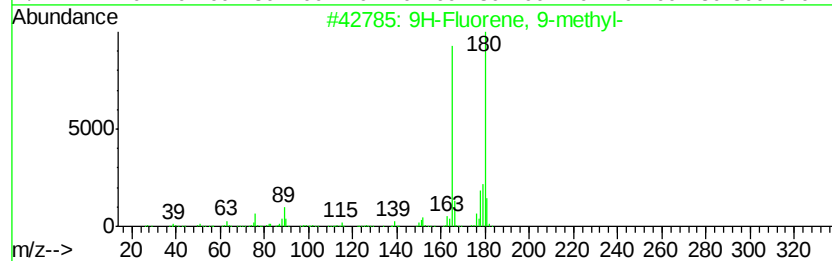
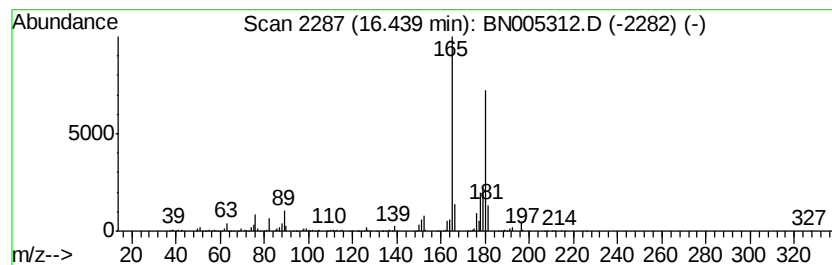
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 9H-Fluorene, 9-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	6.83 ng/ul	2448870	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	87
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
5			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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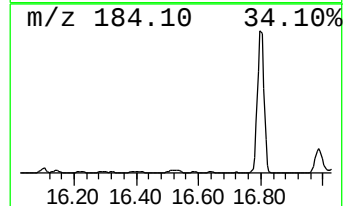
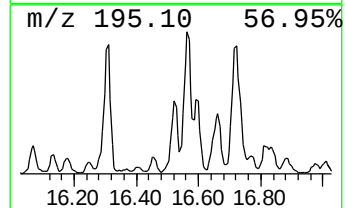
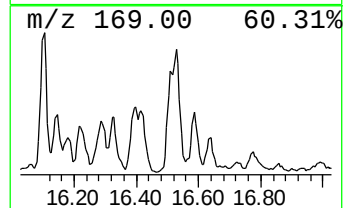
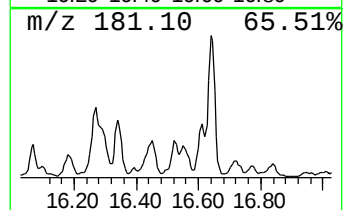
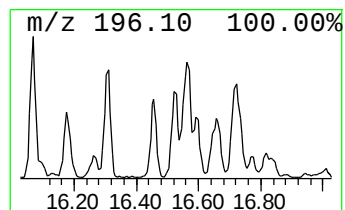
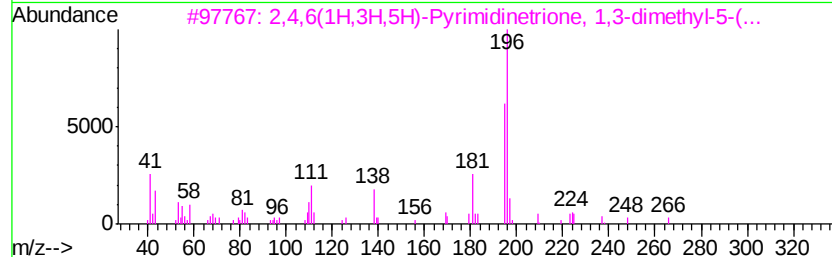
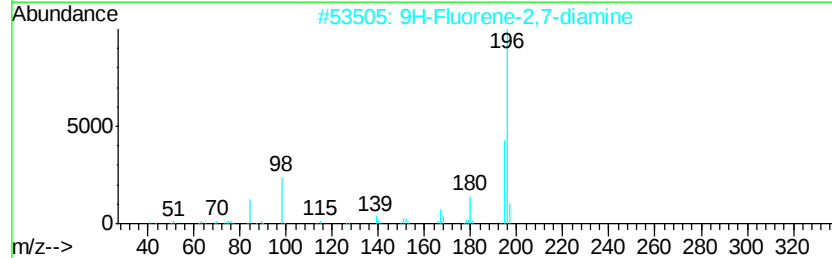
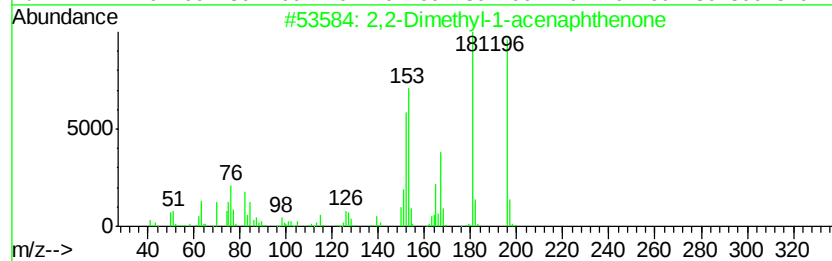
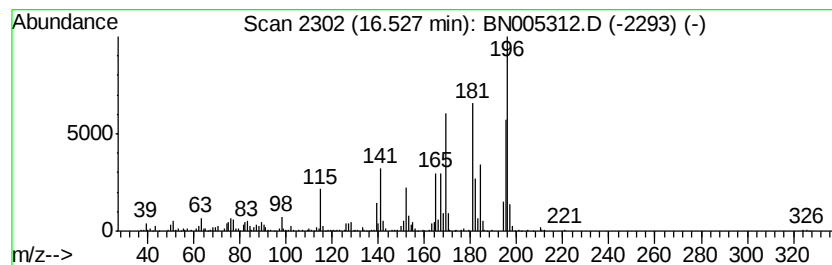
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 unknown-01 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	4.31 ng/ul	1545150	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	46		
2	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	38		
3	2,4,6(1H,3H,5H)-Pyrimidinetrione...	266	C14H22N2O3	028239-49-8	38		
4	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	38		
5	Pentamethylmelamine	196	C8H16N6	035832-09-8	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ2

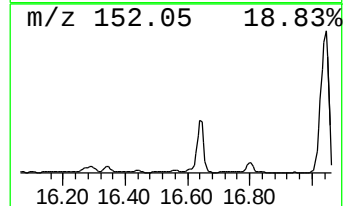
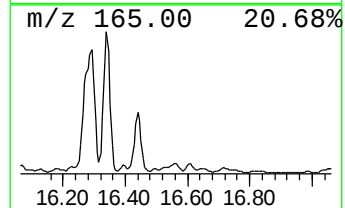
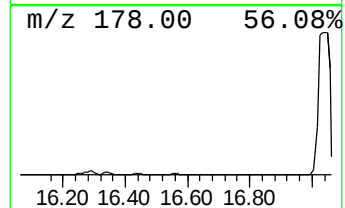
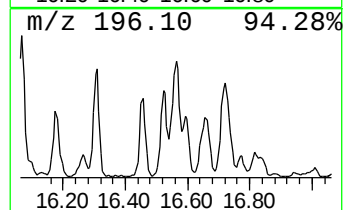
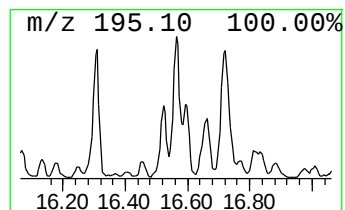
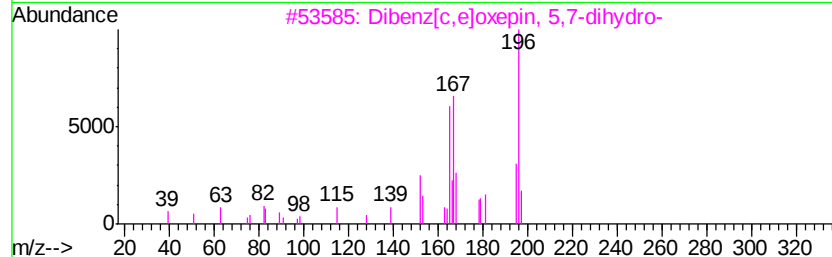
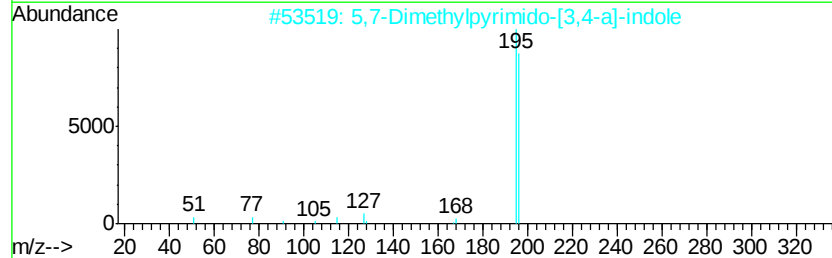
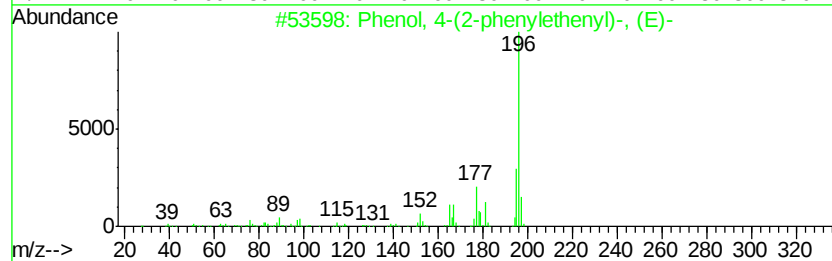
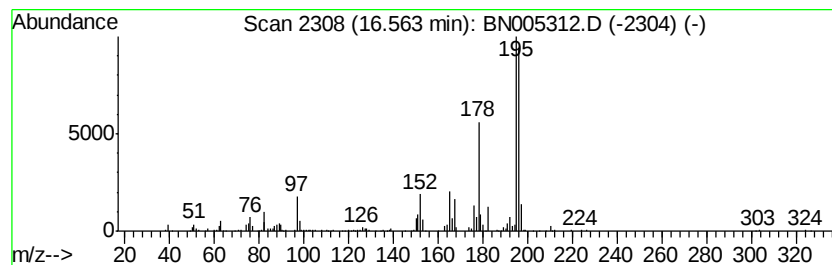
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Phenol, 4-(2-phenylethenyl)... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	4.49 ng/ul	1610490	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	50
2			5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	47
3			Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	45
4			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	43
5			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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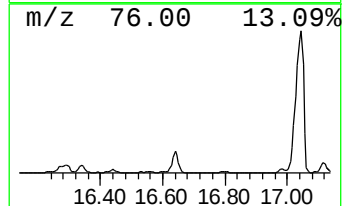
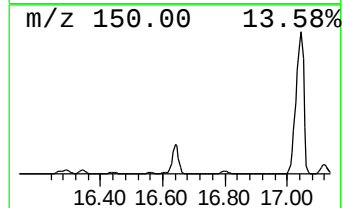
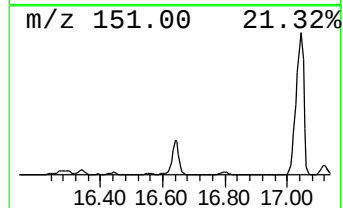
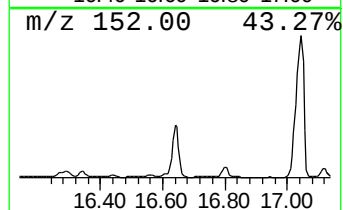
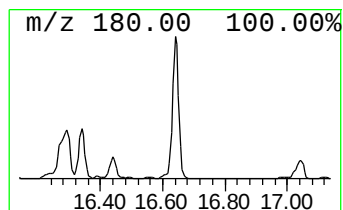
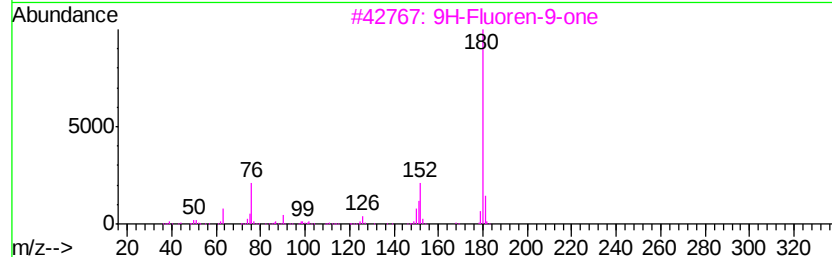
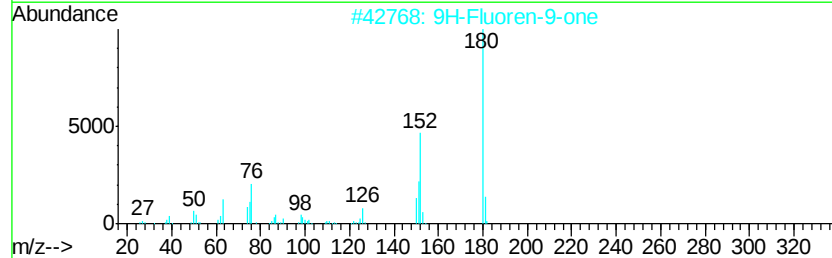
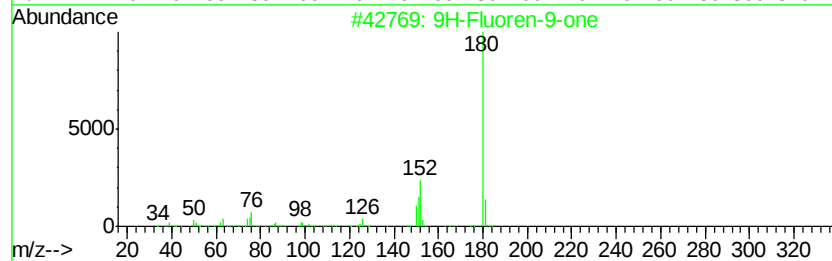
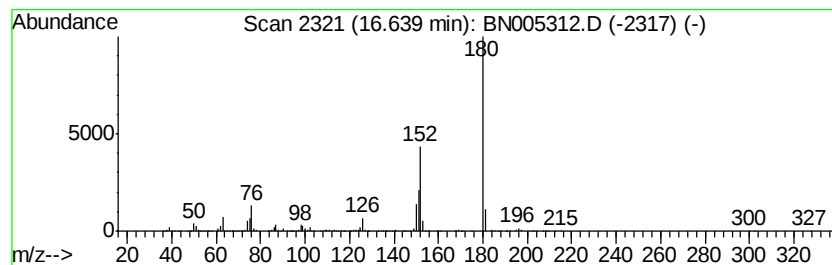
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	19.87 ng/ul	7122600	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ2

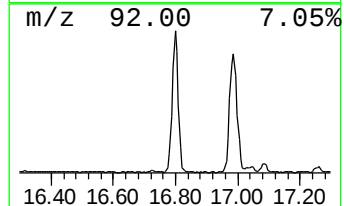
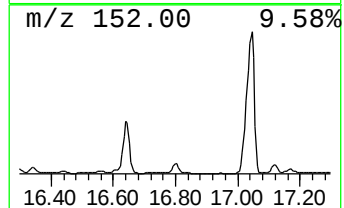
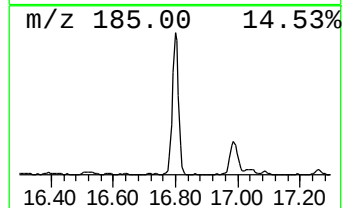
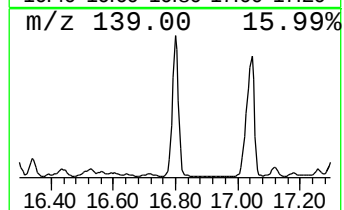
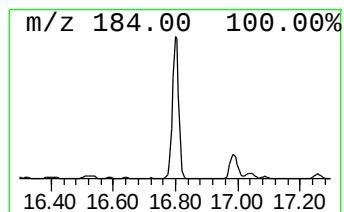
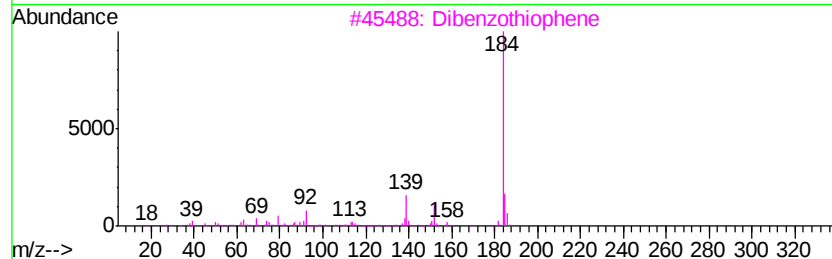
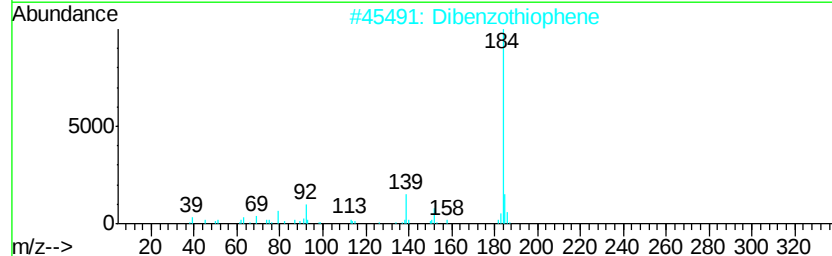
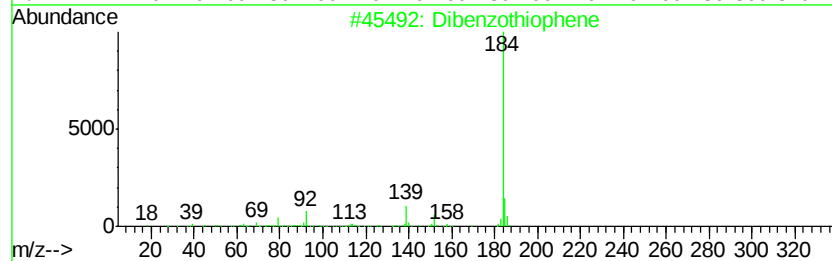
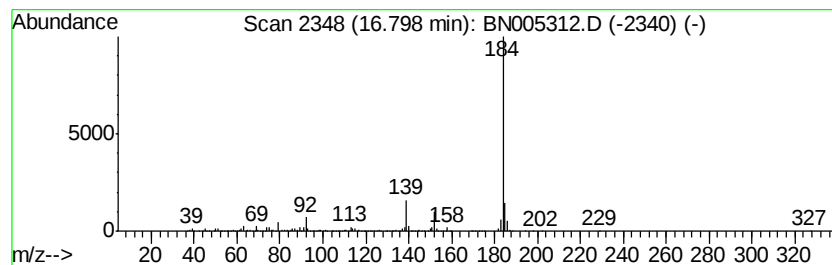
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	16.38 ng/ul	5872590	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	95
2		Dibenzothiophene	184	C12H8S	000132-65-0	95
3		Dibenzothiophene	184	C12H8S	000132-65-0	94
4		Dibenzothiophene	184	C12H8S	000132-65-0	91
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
GAHQ2

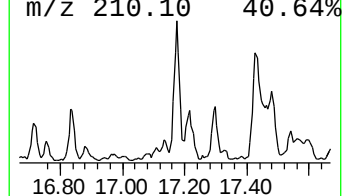
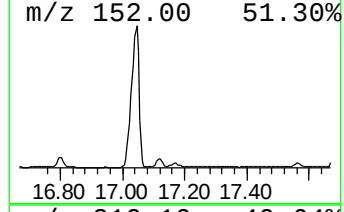
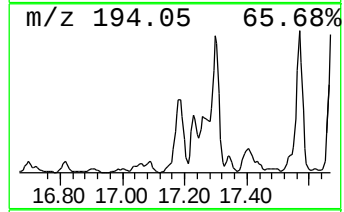
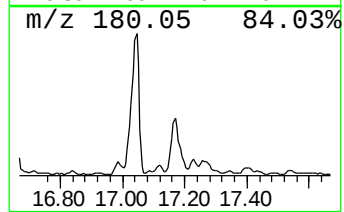
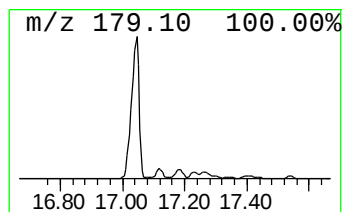
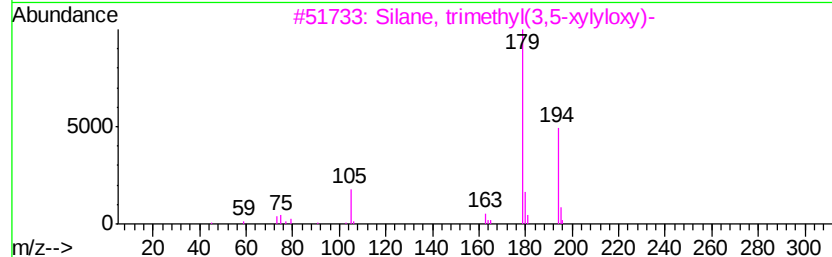
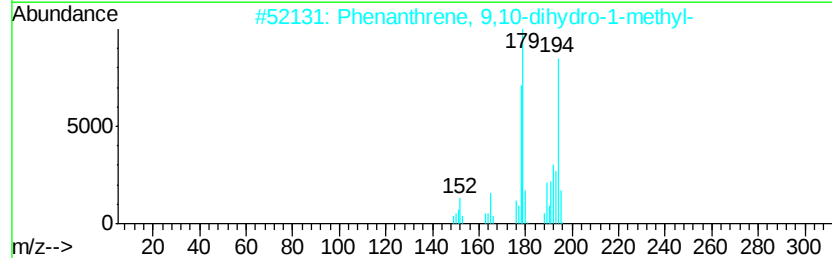
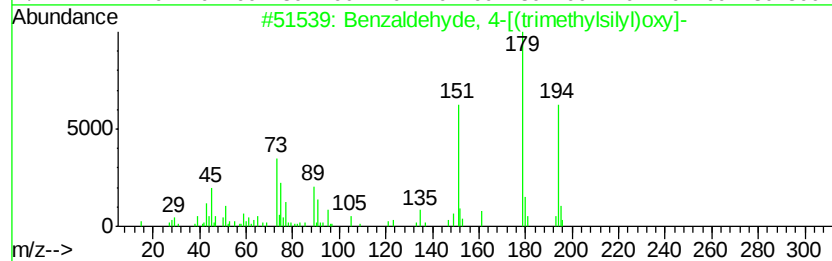
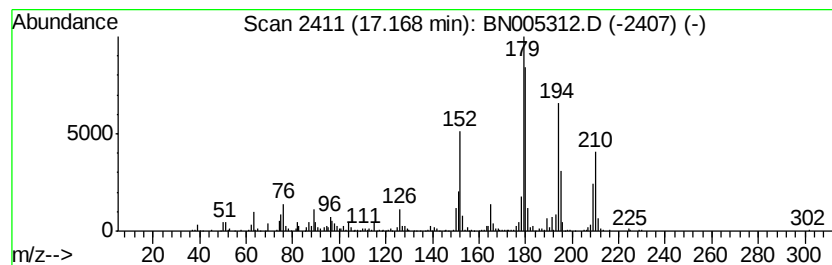
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	5.45 ng/ul	1952540	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 4-[(trimethylsilyl)oxy]-	194	C10H14O2Si	001012-12-0	47
2			Phenanthrene, 9,10-dihydro-1-methyl-	194	C15H14	095676-48-5	46
3			Silane, trimethyl(3,5-xylyloxy)-	194	C11H18OSi	017994-05-7	46
4			Benzene, 2-(1,1-dimethylethyl)-1-methoxy-	194	C12H18O2	021112-37-8	43
5			Silane, (2,4-dimethylphenoxy)tri-	194	C11H18OSi	016414-81-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ2

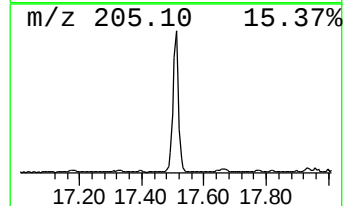
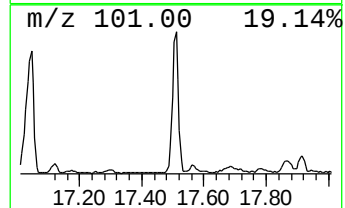
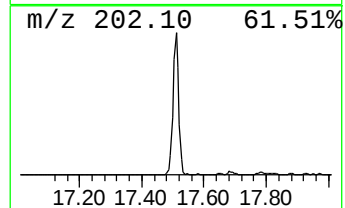
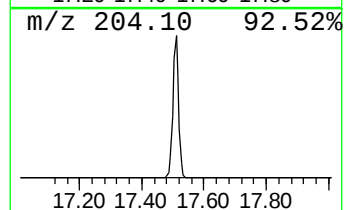
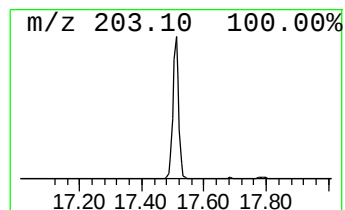
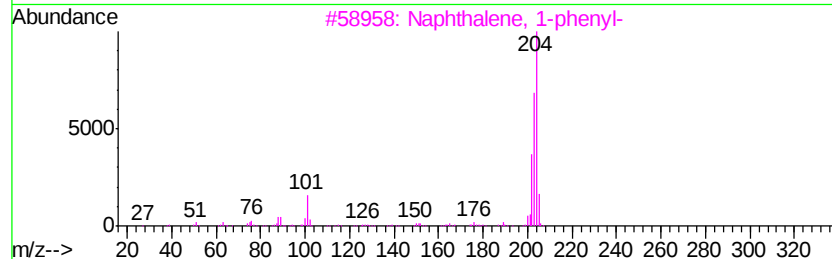
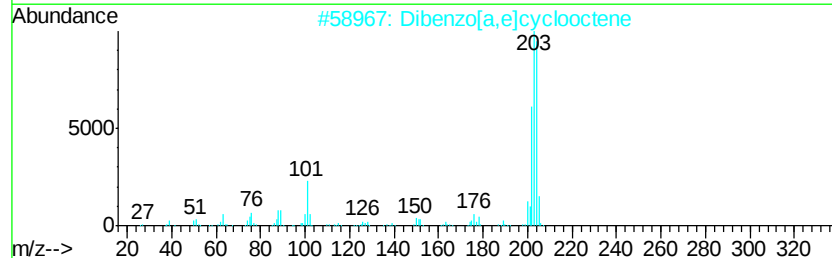
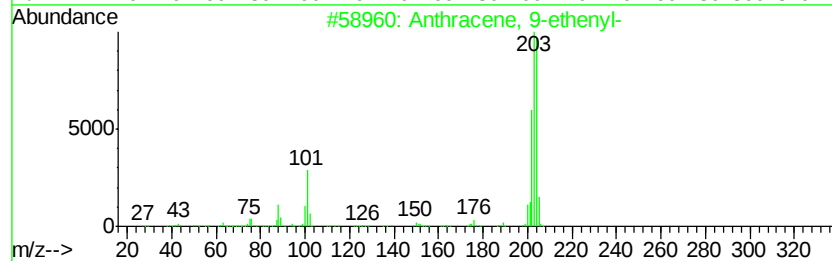
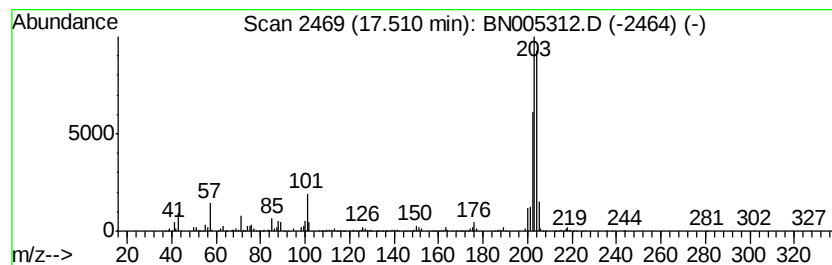
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Anthracene, 9-ethenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	7.25 ng/ul	2600270	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	95
2		Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	94
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
4		Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	81
5		1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
 Data File : BN005312.D
 Acq On : 26 Apr 2019 09:55
 Operator : JU/SJ
 Sample : K2456-02 20X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,4,5-...	9.77	7.2	ng/ul	2539190	2	10.36	7010700	20.0
2-Benzothiophene #	10.53	8.7	ng/ul	3039750	2	10.36	7010700	20.0
(DEL) Alkane: Str...	11.40	4.7	ng/ul	1651930	2	10.36	7010700	20.0
(DEL) Alkane: Str...	11.82	15.4	ng/ul	5398820	2	10.36	7010700	20.0
Benzo[b]thiophene...	11.92	7.4	ng/ul	2579260	2	10.36	7010700	20.0
Naphthalene, 1-me...	12.27	214.6	ng/ul	75229800	2	10.36	7010700	20.0
Naphthalene, 1-et...	13.26	16.5	ng/ul	13064200	3	14.23	15863300	20.0
Naphthalene, 2,6-...	13.40	32.2	ng/ul	25563100	3	14.23	15863300	20.0
Naphthalene, 2,3-...	13.42	28.9	ng/ul	22928300	3	14.23	15863300	20.0
Naphthalene, 1,7-...	13.56	48.9	ng/ul	38751700	3	14.23	15863300	20.0
Naphthalene, 1,5-...	13.79	20.7	ng/ul	16383300	3	14.23	15863300	20.0
Naphthalene, 1,6-...	13.82	3.9	ng/ul	3085060	3	14.23	15863300	20.0
(DEL) Alkane: Str...	14.16	2.9	ng/ul	2261640	3	14.23	15863300	20.0
Naphthalene, 2,3,...	14.72	8.1	ng/ul	6418740	3	14.23	15863300	20.0
Naphthalene, 1,6,...	14.85	7.9	ng/ul	6285690	3	14.23	15863300	20.0
Naphthalene, 1,4,...	14.91	6.1	ng/ul	4827570	3	14.23	15863300	20.0
1H-Phenylene	15.11	4.7	ng/ul	3709310	3	14.23	15863300	20.0
3,3'-Dimethylbiph...	15.17	2.4	ng/ul	1912280	3	14.23	15863300	20.0
Naphthalene, 1-(2...	15.41	3.2	ng/ul	2532070	3	14.23	15863300	20.0
1'-Acetonaphthone	15.50	2.1	ng/ul	1633280	3	14.23	15863300	20.0
9H-Fluoren-9-ol	15.58	4.0	ng/ul	3156280	3	14.23	15863300	20.0
Dibenzofuran, 4-m...	15.73	8.5	ng/ul	3062960	4	16.99	7170670	20.0
3-Methyl-4-(metho...	15.97	5.5	ng/ul	1960490	4	16.99	7170670	20.0
9H-Fluorene, 1-me...	16.29	22.9	ng/ul	8212550	4	16.99	7170670	20.0
9H-Fluorene, 3-me...	16.34	13.4	ng/ul	4805260	4	16.99	7170670	20.0
9H-Fluorene, 9-me...	16.44	6.8	ng/ul	2448870	4	16.99	7170670	20.0
unknown-01	16.53	4.3	ng/ul	1545150	4	16.99	7170670	20.0
Phenol, 4-(2-phen...	16.56	4.5	ng/ul	1610490	4	16.99	7170670	20.0
9H-Fluoren-9-one	16.64	19.9	ng/ul	7122600	4	16.99	7170670	20.0
Dibenzothiophene	16.80	16.4	ng/ul	5872590	4	16.99	7170670	20.0
unknown-02	17.17	5.5	ng/ul	1952540	4	16.99	7170670	20.0
Anthracene, 9-eth...	17.51	7.3	ng/ul	2600270	4	16.99	7170670	20.0