

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005346.D
 Acq On : 27 Apr 2019 08:34
 Operator : JU/SJ
 Sample : K2455-03DL 25X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ5DL

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	5.634	444	450	459	rBV2	73420	172819	2.13%	0.149%
2	6.775	637	644	649	rVV2	70220	124197	1.53%	0.107%
3	7.252	718	725	735	rBV2	300185	554809	6.83%	0.479%
4	7.593	776	783	792	rBV	1681496	2691038	33.12%	2.321%
5	8.122	865	873	882	rVV	317419	537125	6.61%	0.463%
6	8.740	973	978	987	rVV	60510	126910	1.56%	0.109%
7	8.852	993	997	1006	rVV	76994	145281	1.79%	0.125%
8	9.793	1147	1157	1163	rBV5	149896	375312	4.62%	0.324%
9	9.863	1163	1169	1173	rBV	165994	321326	3.96%	0.277%
10	9.981	1185	1189	1198	rVB3	69704	141398	1.74%	0.122%
11	10.357	1244	1253	1257	rBV	2340076	4052241	49.88%	3.495%
12	10.404	1257	1261	1271	rVB	1953198	3158624	38.88%	2.724%
13	11.804	1493	1499	1504	rVV	136186	228773	2.82%	0.197%
14	11.881	1505	1512	1514	rVV3	58075	137070	1.69%	0.118%
15	12.022	1528	1536	1546	rBV	5086815	8123988	100.00%	7.007%
16	12.246	1563	1574	1585	rBV	2949541	4758683	58.58%	4.105%
17	13.057	1705	1712	1724	rBV2	446806	845417	10.41%	0.729%
18	13.251	1739	1745	1758	rVB	316202	700150	8.62%	0.604%
19	13.387	1758	1768	1769	rBV	969452	1413942	17.40%	1.220%
20	13.545	1785	1795	1800	rBV	1308432	2251927	27.72%	1.942%
21	13.598	1800	1804	1809	rVV	754687	1115163	13.73%	0.962%
22	13.645	1809	1812	1814	rVV	155377	211262	2.60%	0.182%
23	13.681	1814	1818	1824	rVB2	433193	679728	8.37%	0.586%
24	13.781	1830	1835	1839	rBV	563568	885221	10.90%	0.764%
25	13.816	1839	1841	1848	rVB	165763	196820	2.42%	0.170%
26	13.945	1852	1863	1877	rVB3	1302759	2280809	28.07%	1.967%
27	14.151	1894	1898	1902	rBV	170767	221378	2.72%	0.191%
28	14.228	1902	1911	1917	rVV2	3299378	5313844	65.41%	4.583%
29	14.287	1917	1921	1925	rVV2	237793	397293	4.89%	0.343%
30	14.322	1925	1927	1931	rVB	140015	151728	1.87%	0.131%
31	14.445	1942	1948	1957	rVB2	184235	404227	4.98%	0.349%
32	14.634	1969	1980	1987	rBV2	346845	712479	8.77%	0.615%
33	14.710	1987	1993	1998	rVB	341412	465681	5.73%	0.402%
34	14.845	2010	2016	2022	rBV3	285327	666106	8.20%	0.575%

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 Title : SVOA CALIBRATION

35	14.910	2022	2027	2031	rVB	218922	298006	3.67%	0.257%
36	15.028	2038	2047	2050	rBV3	148020	386313	4.76%	0.333%
37	15.104	2056	2060	2066	rVB2	264550	385019	4.74%	0.332%
38	15.169	2066	2071	2074	rBV	126265	214443	2.64%	0.185%
39	15.222	2075	2080	2085	rVB2	418892	703278	8.66%	0.607%
40	15.281	2085	2090	2095	rBV	1064371	1612070	19.84%	1.390%
41	15.322	2095	2097	2103	rVB2	117785	154363	1.90%	0.133%
42	15.410	2108	2112	2116	rBV4	155942	192481	2.37%	0.166%
43	15.498	2122	2127	2135	rVB7	111230	257530	3.17%	0.222%
44	15.581	2136	2141	2153	rVB4	174608	385034	4.74%	0.332%
45	15.728	2163	2166	2175	rVB2	113910	250905	3.09%	0.216%
46	15.969	2201	2207	2212	rBV3	194372	372124	4.58%	0.321%
47	16.287	2254	2261	2266	rBV3	290136	657030	8.09%	0.567%
48	16.339	2266	2270	2276	rVB2	352108	497305	6.12%	0.429%
49	16.439	2283	2287	2293	rVB2	167889	284218	3.50%	0.245%
50	16.563	2304	2308	2313	rVV2	160561	257494	3.17%	0.222%
51	16.639	2317	2321	2329	rVB2	161614	287218	3.54%	0.248%
52	16.798	2345	2348	2357	rVB	258073	437453	5.38%	0.377%
53	16.981	2373	2379	2383	rBV2	3873709	5773914	71.07%	4.980%
54	17.028	2383	2387	2392	rVV	5127897	7234103	89.05%	6.240%
55	17.081	2392	2396	2398	rVV	263215	376898	4.64%	0.325%
56	17.116	2398	2402	2407	rVV	685180	1009258	12.42%	0.871%
57	17.175	2408	2412	2418	rVV3	179896	400245	4.93%	0.345%
58	17.228	2418	2421	2424	rVV5	77502	124421	1.53%	0.107%
59	17.298	2431	2433	2438	rVB3	97108	129000	1.59%	0.111%
60	17.510	2465	2469	2473	rVV	289588	347721	4.28%	0.300%
61	17.569	2474	2479	2486	rVB3	247351	395406	4.87%	0.341%
62	17.681	2491	2498	2500	rBV4	122433	261770	3.22%	0.226%
63	17.781	2512	2515	2521	rBV3	102535	185123	2.28%	0.160%
64	17.863	2523	2529	2533	rVV	1579214	2279802	28.06%	1.966%
65	17.910	2533	2537	2546	rVV	1771688	2486895	30.61%	2.145%
66	17.992	2547	2551	2555	rVV	188586	247734	3.05%	0.214%
67	18.051	2555	2561	2565	rVV2	1449104	2486219	30.60%	2.144%
68	18.092	2565	2568	2574	rVB	879582	1175326	14.47%	1.014%
69	18.181	2580	2583	2587	rBV	99341	143483	1.77%	0.124%
70	18.263	2593	2597	2602	rVB3	101282	141494	1.74%	0.122%
71	18.369	2611	2615	2618	rBV	739898	934328	11.50%	0.806%

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72	18.410	2618	2622	2629	rVB	813456	1163184	14.32%	1.003%
73	18.498	2633	2637	2639	rBV	83698	125717	1.55%	0.108%
74	18.622	2654	2658	2663	rVV2	277344	457699	5.63%	0.395%
75	18.669	2663	2666	2670	rVV	269673	372159	4.58%	0.321%
76	18.710	2670	2673	2677	rVB	146437	190253	2.34%	0.164%
77	18.792	2683	2687	2692	rBV2	548642	884602	10.89%	0.763%
78	18.851	2692	2697	2701	rBV4	359749	713667	8.78%	0.616%
79	18.933	2706	2711	2719	rBV	654854	1117852	13.76%	0.964%
80	19.028	2724	2727	2728	rVV	254254	299412	3.69%	0.258%
81	19.057	2728	2732	2738	rVV	2574969	3633404	44.72%	3.134%
82	19.128	2741	2744	2748	rVV	234268	296306	3.65%	0.256%
83	19.163	2748	2750	2754	rVB2	119206	138918	1.71%	0.120%
84	19.210	2754	2758	2762	rBV	459677	581690	7.16%	0.502%
85	19.263	2763	2767	2772	rBV	405292	546217	6.72%	0.471%
86	19.422	2786	2794	2803	rBV	4353720	7086821	87.23%	6.113%
87	19.757	2847	2851	2861	rBV	437835	883635	10.88%	0.762%
88	19.904	2870	2876	2877	rBV3	408791	717101	8.83%	0.619%
89	20.033	2894	2898	2901	rBV2	301908	391663	4.82%	0.338%
90	20.092	2904	2908	2912	rVV	659167	848021	10.44%	0.731%
91	20.227	2928	2931	2935	rBV	398207	538232	6.63%	0.464%
92	20.275	2935	2939	2945	rVB2	604098	865078	10.65%	0.746%
93	20.686	3006	3009	3016	rVB	345051	540929	6.66%	0.467%
94	20.892	3041	3044	3048	rBV	295717	367942	4.53%	0.317%
95	20.933	3048	3051	3054	rVV	164707	184294	2.27%	0.159%
96	21.216	3092	3099	3103	rBV3	4040192	6749146	83.08%	5.821%
97	21.251	3103	3105	3117	rVB	1272227	1800315	22.16%	1.553%
98	21.422	3132	3134	3140	rVB	307725	334921	4.12%	0.289%
99	22.763	3358	3362	3375	rVB2	542254	1871252	23.03%	1.614%
100	23.421	3468	3474	3481	rBV	2230568	3906334	48.08%	3.369%

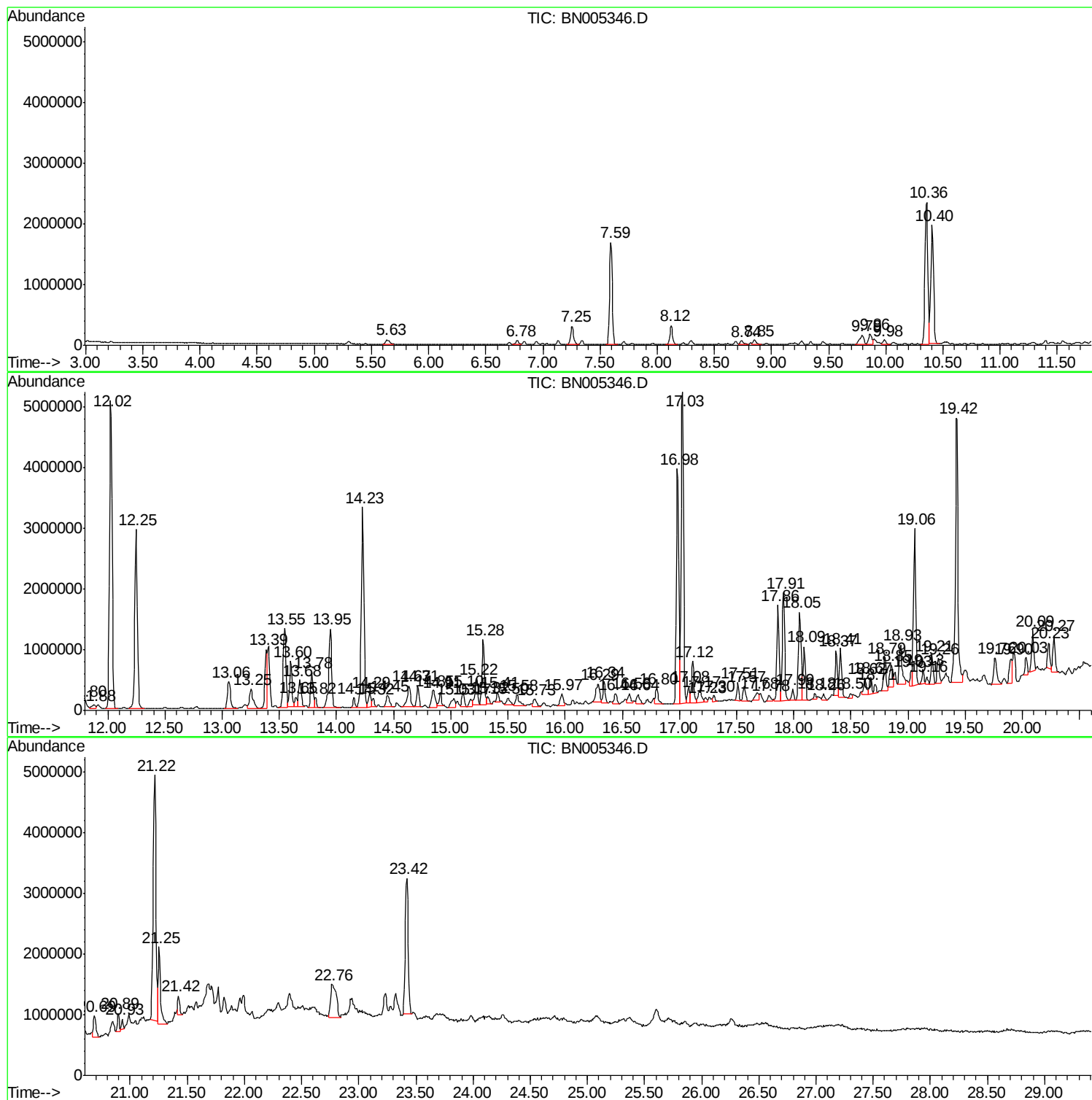
Sum of corrected areas: 115934957

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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ5DL

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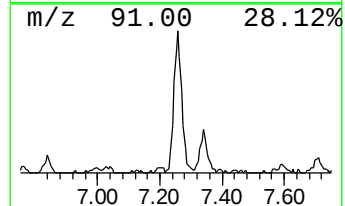
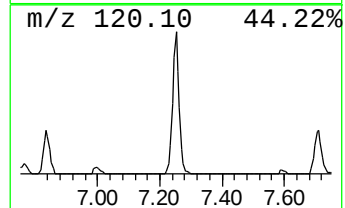
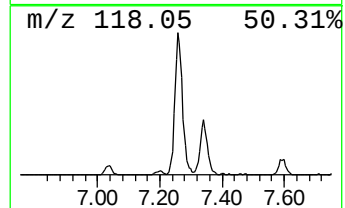
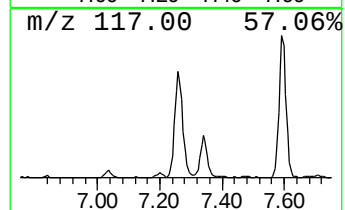
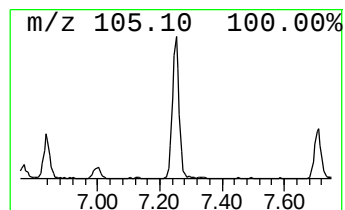
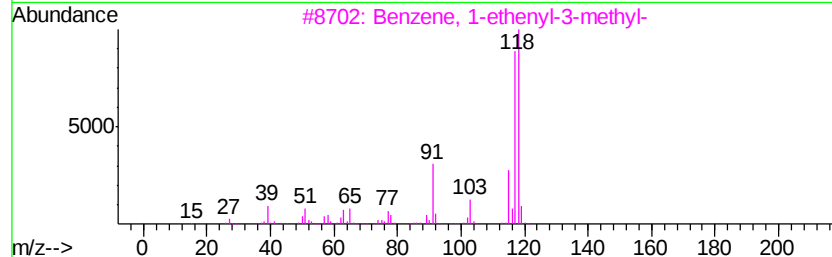
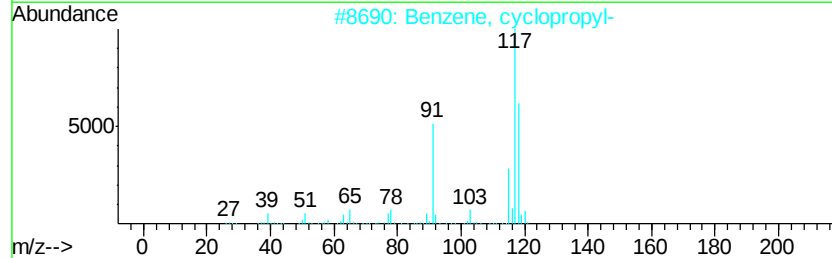
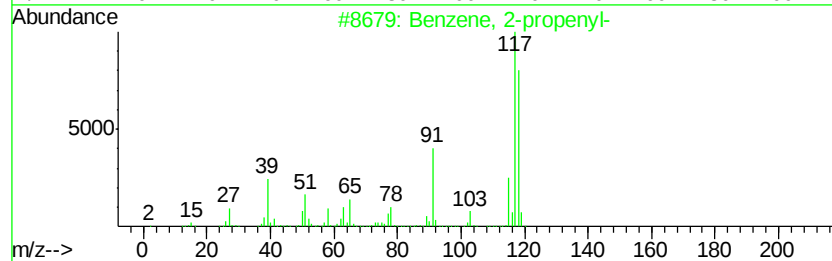
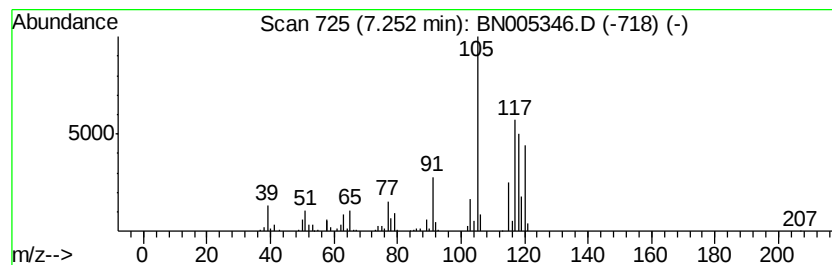
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	4.12 ng/ul	554809	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	46
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	43
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	43
4		2,4-Nonadiyne	120	C9H12	063621-15-8	42
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	42



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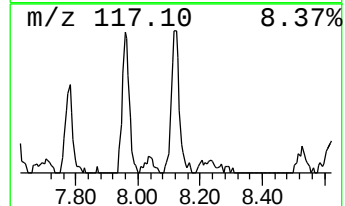
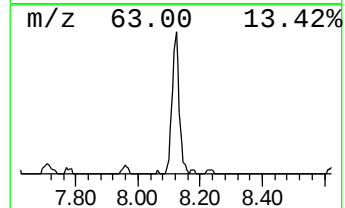
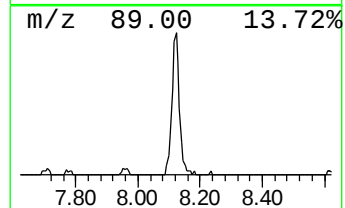
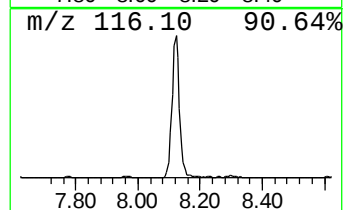
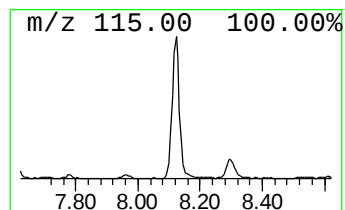
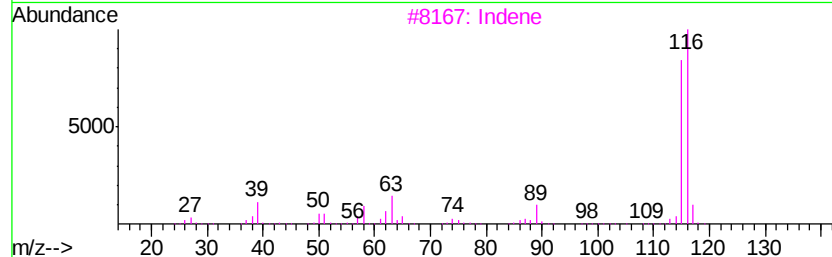
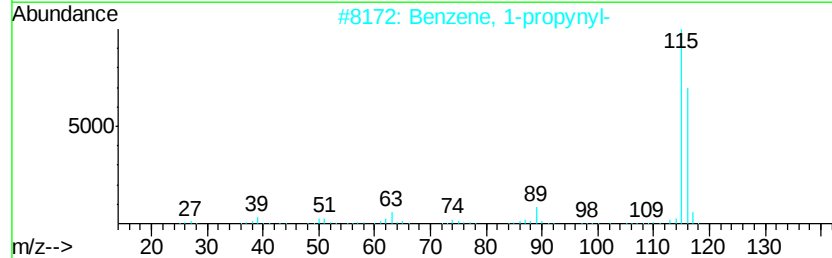
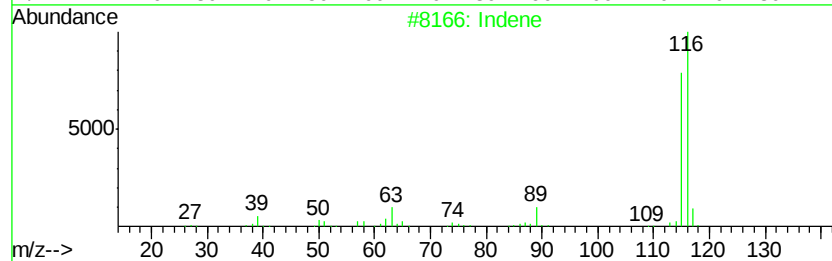
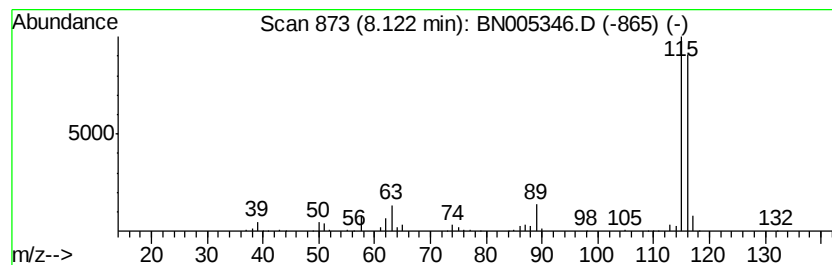
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	3.99 ng/ul	537125	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		Indene	116	C9H8	000095-13-6	94
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Indene	116	C9H8	000095-13-6	91



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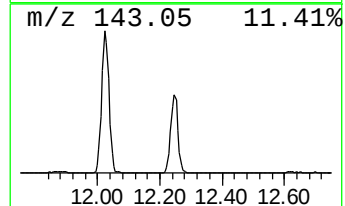
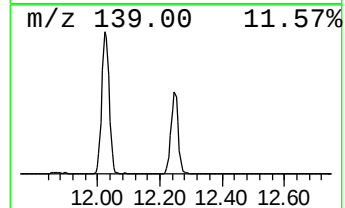
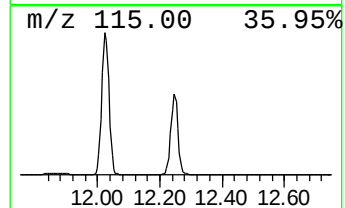
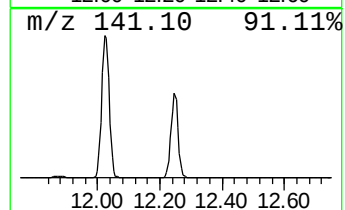
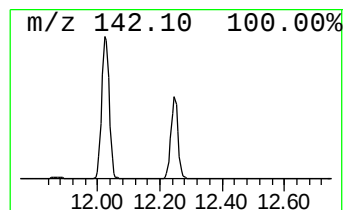
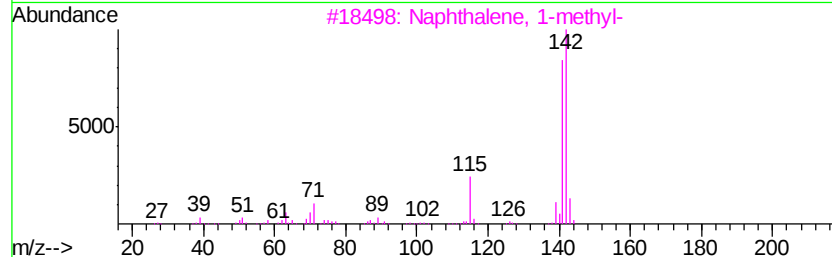
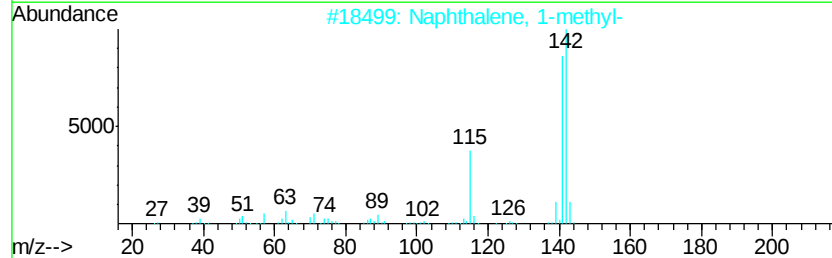
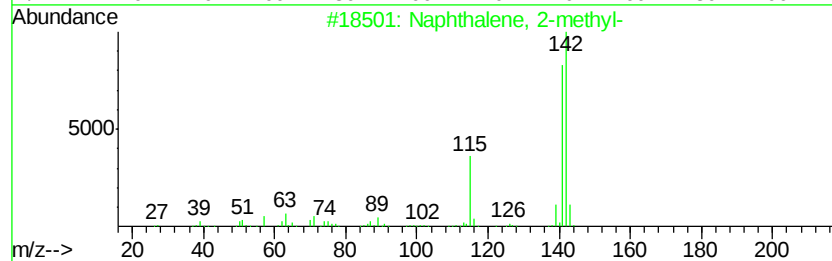
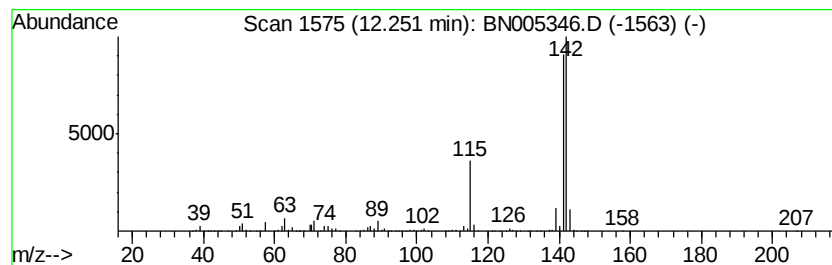
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	23.49 ng/ul	4758680	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		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



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Data File : BN005346.D
Acq On : 27 Apr 2019 08:34
Operator : JU/SJ
Sample : K2455-03DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

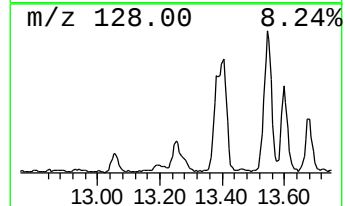
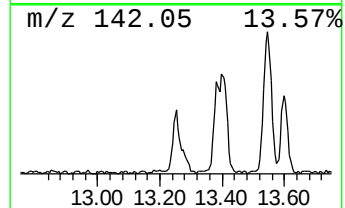
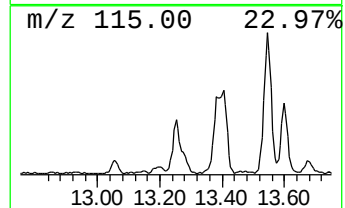
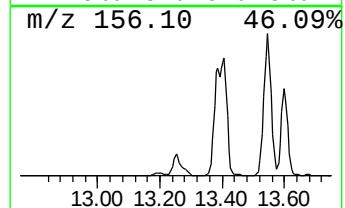
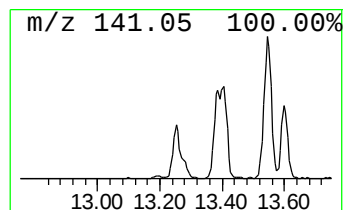
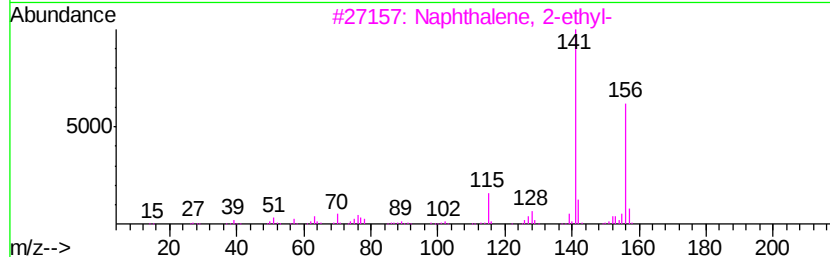
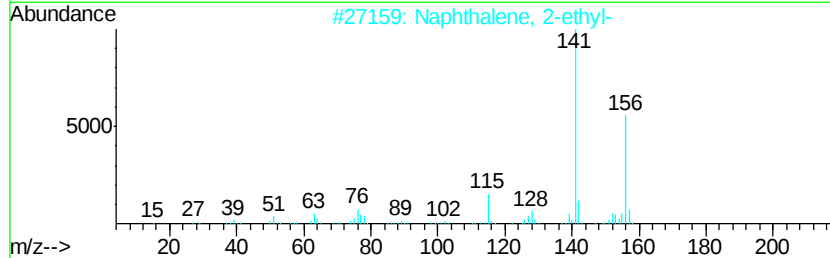
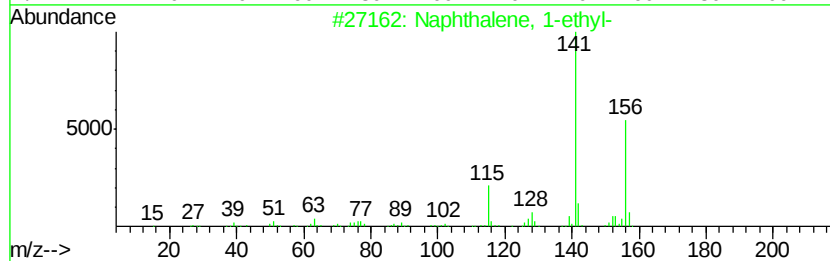
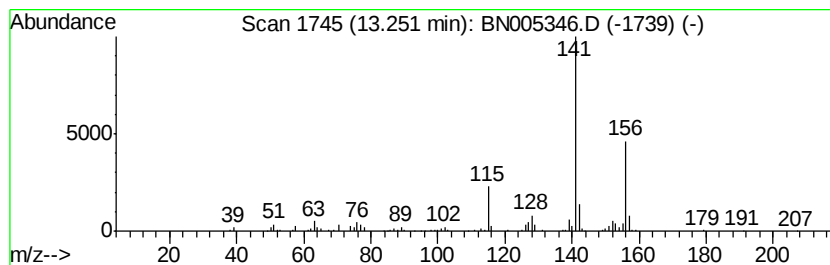
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.64 ng/ul	700150	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94



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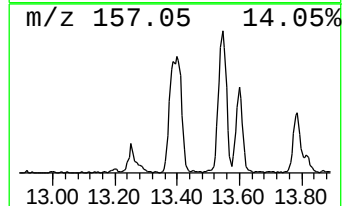
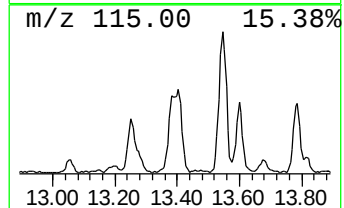
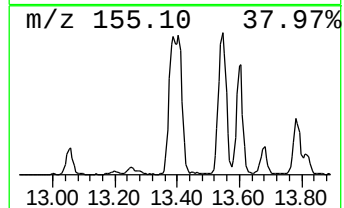
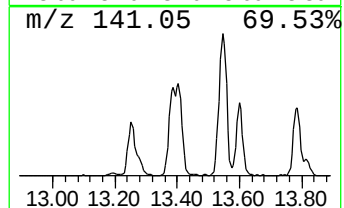
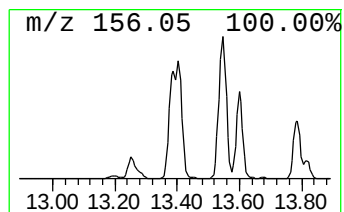
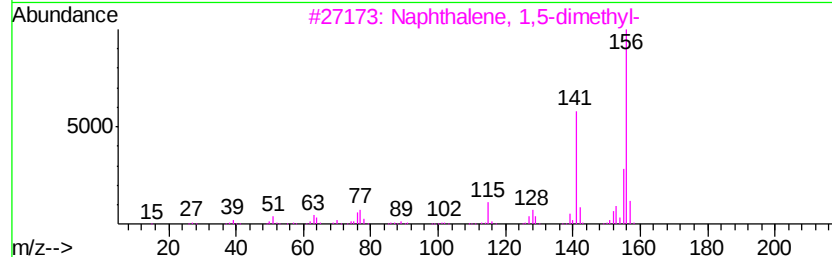
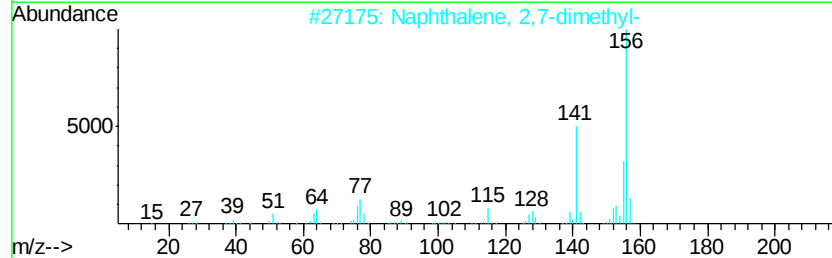
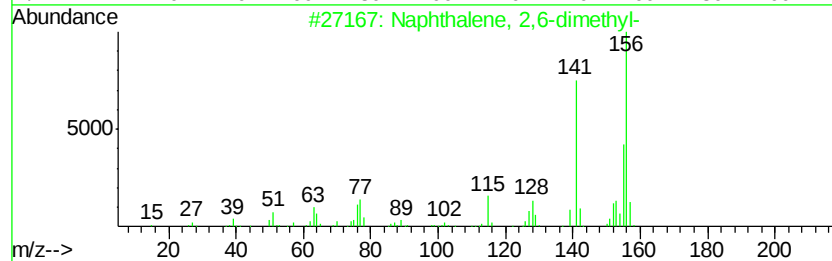
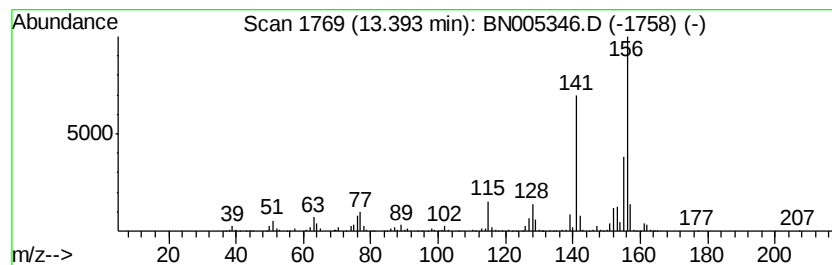
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	5.32 ng/ul	1413940	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, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005346.D
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Operator : JU/SJ
Sample : K2455-03DL 25X
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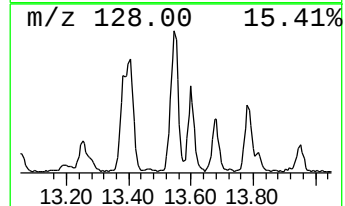
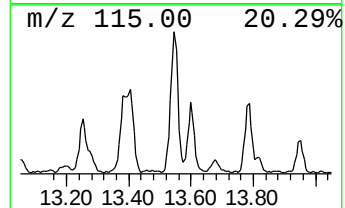
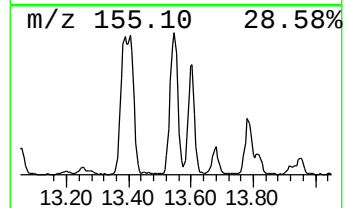
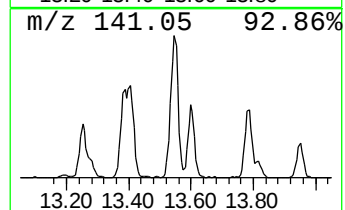
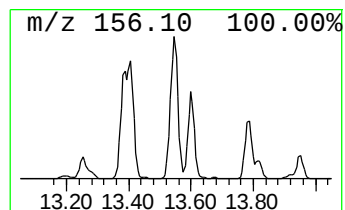
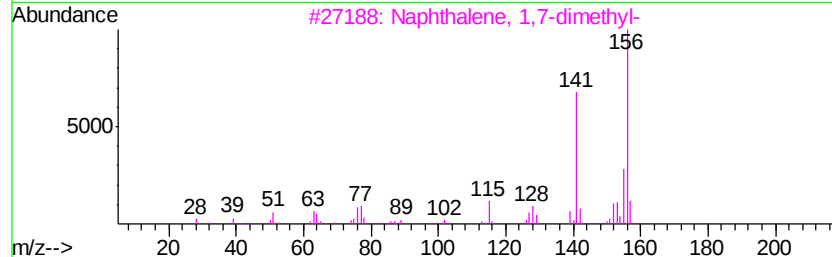
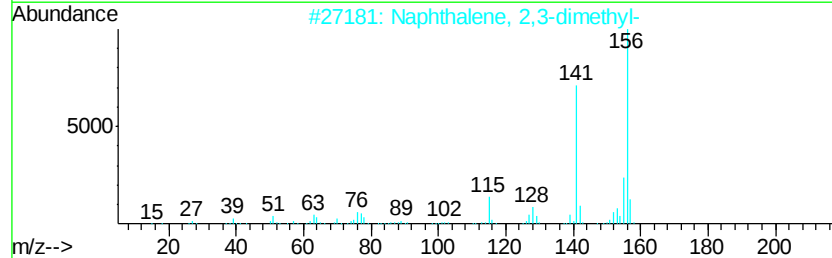
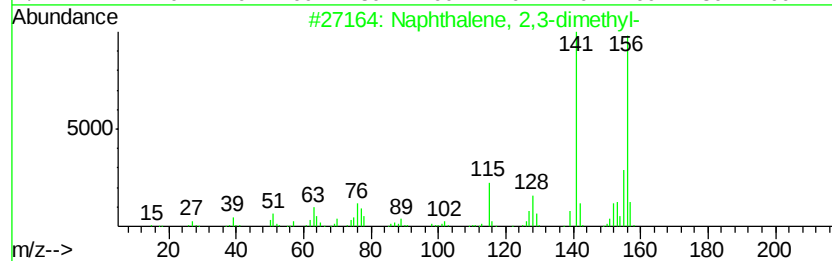
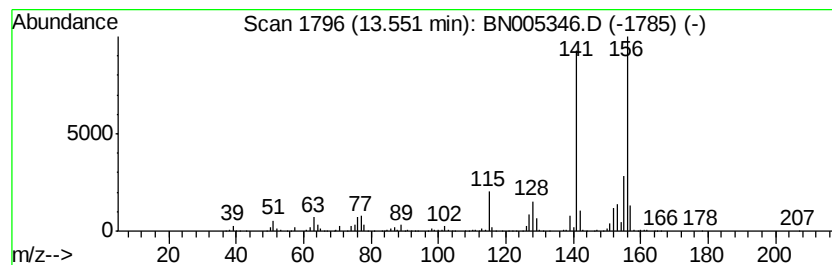
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	8.48 ng/ul	2251930	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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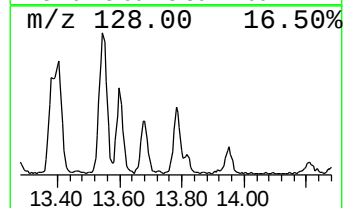
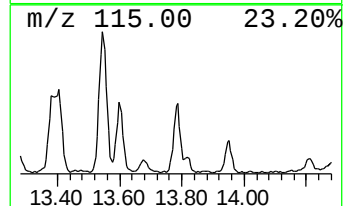
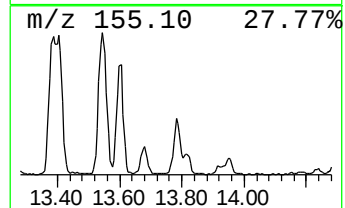
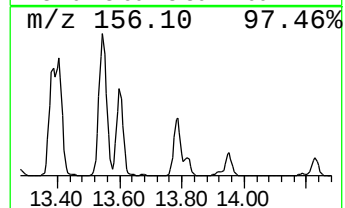
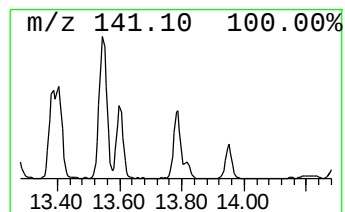
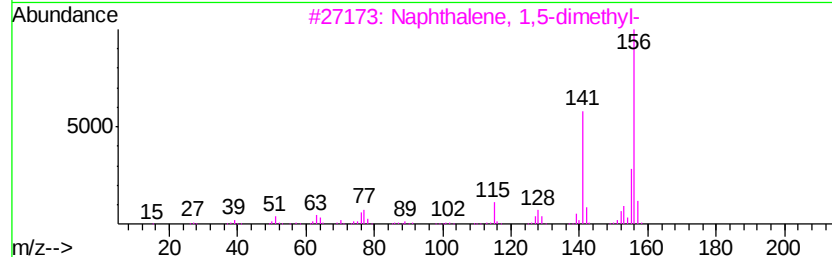
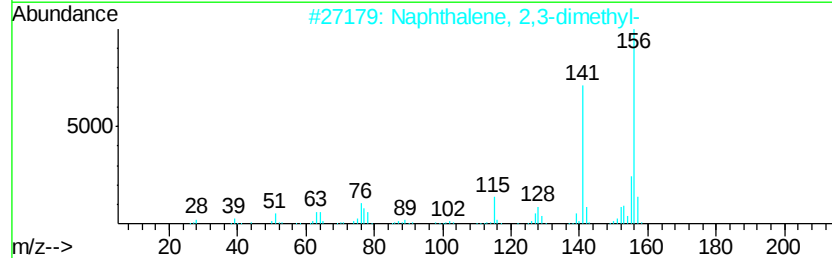
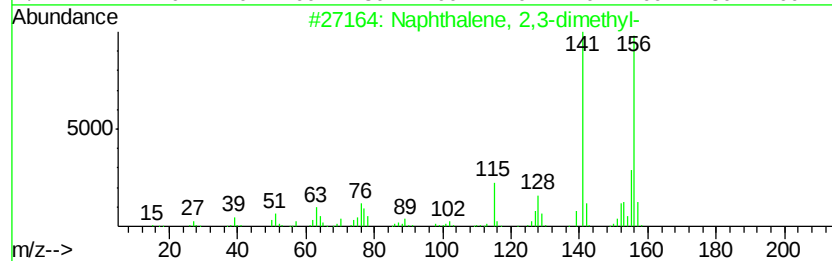
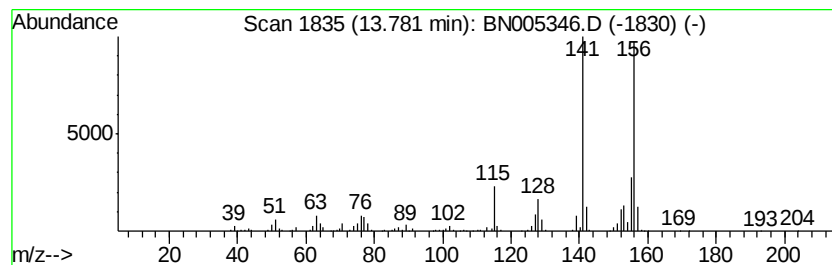
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	3.33 ng/ul	885221	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97



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Sample : K2455-03DL 25X
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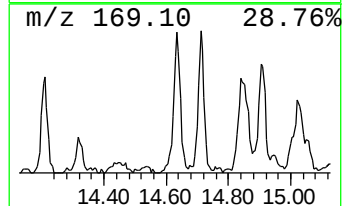
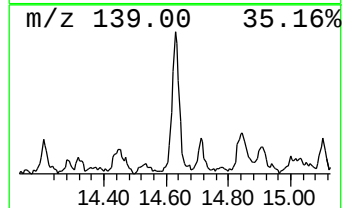
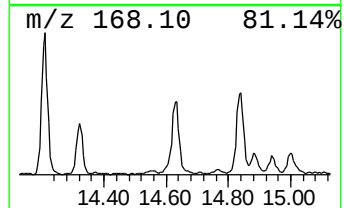
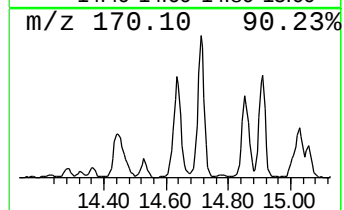
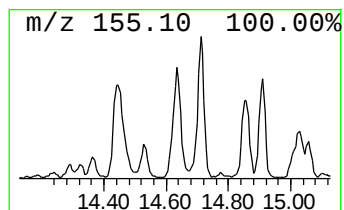
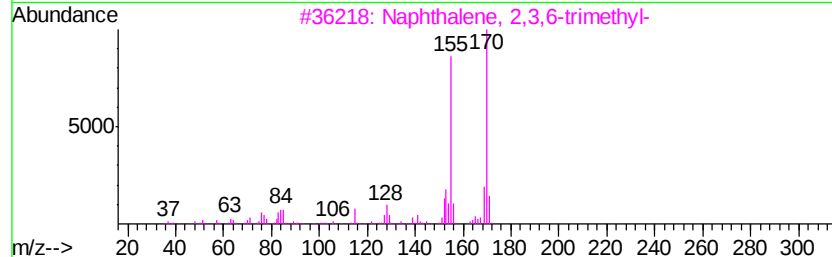
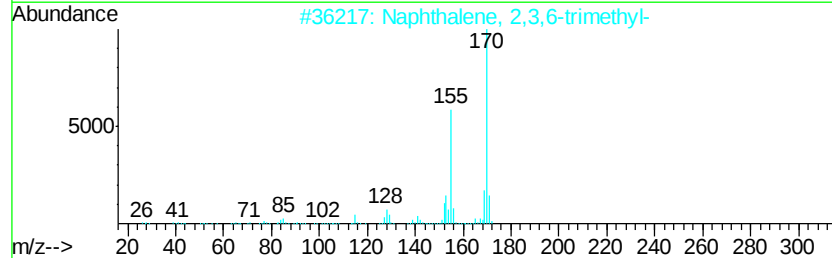
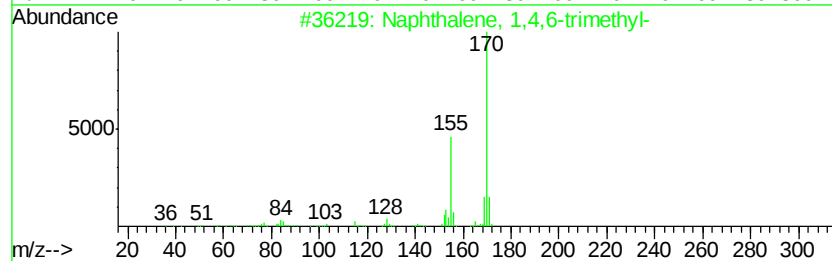
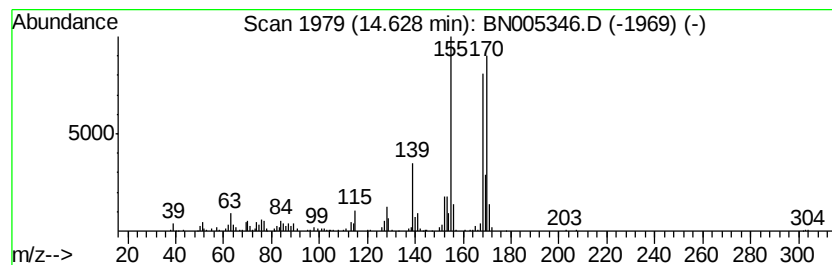
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.68 ng/ul	712479	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 95
2		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 95
3		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 93
4		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 91
5		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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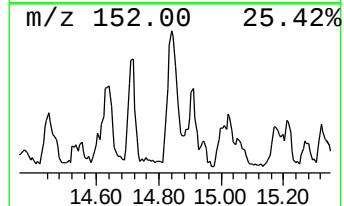
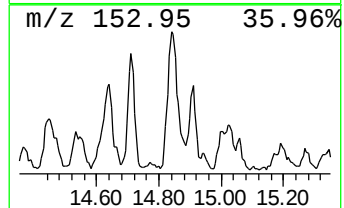
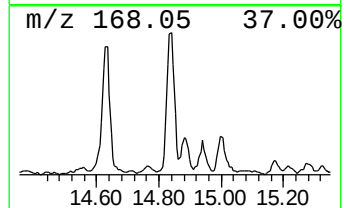
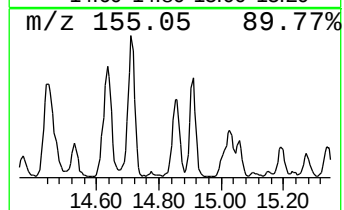
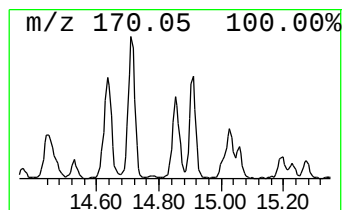
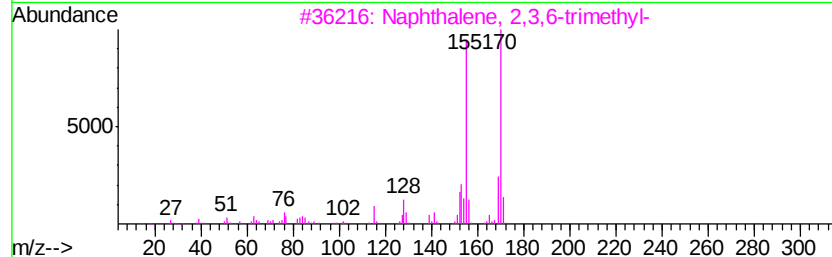
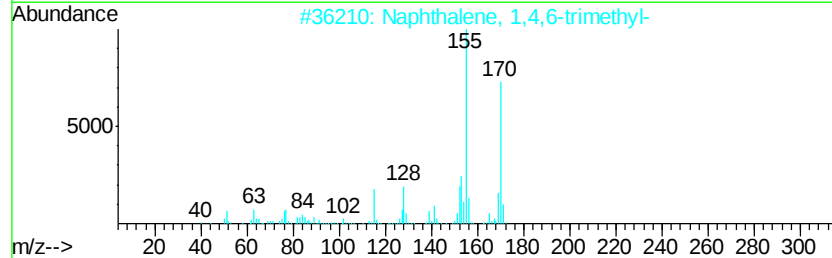
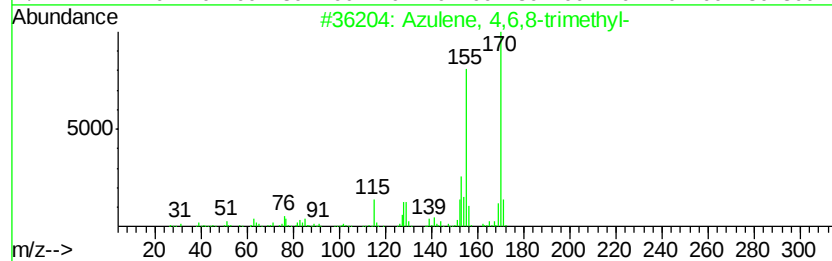
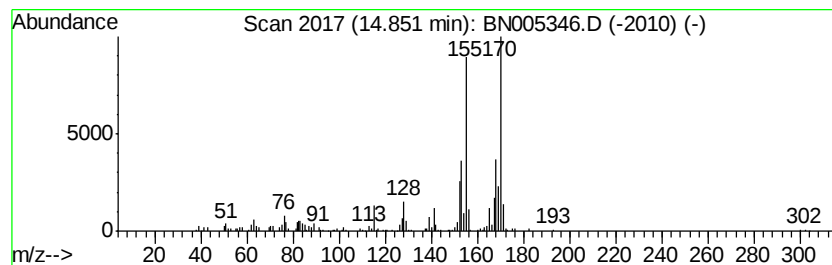
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Azulene, 4,6,8-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.51 ng/ul	666106	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Azulene, 4,6,8-trimethyl-	170 C13H14	000941-81-1 50
2		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 50
3		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 50
4		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 45
5		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005346.D
Acq On : 27 Apr 2019 08:34
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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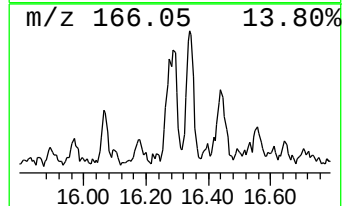
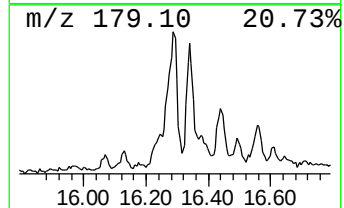
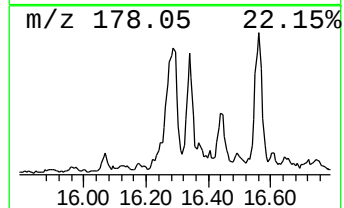
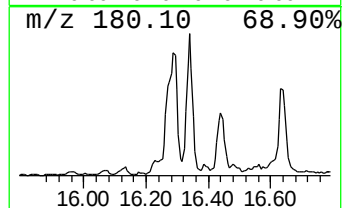
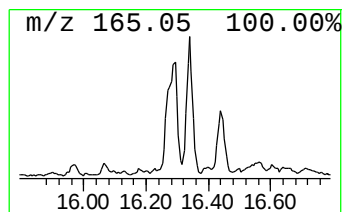
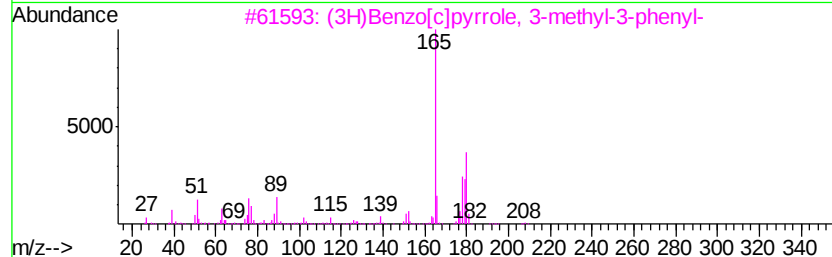
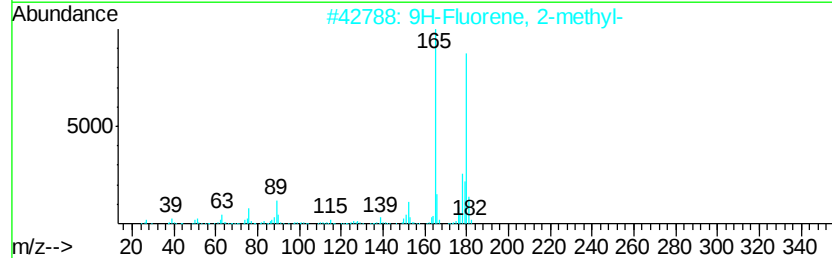
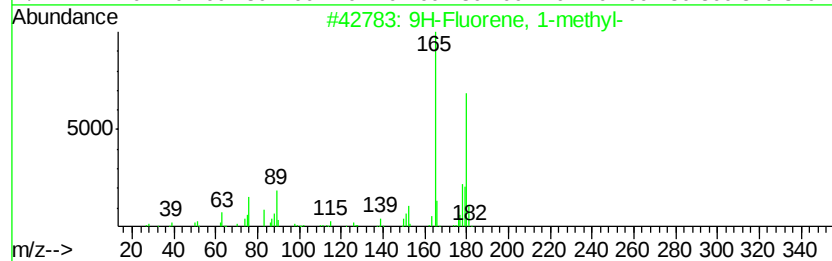
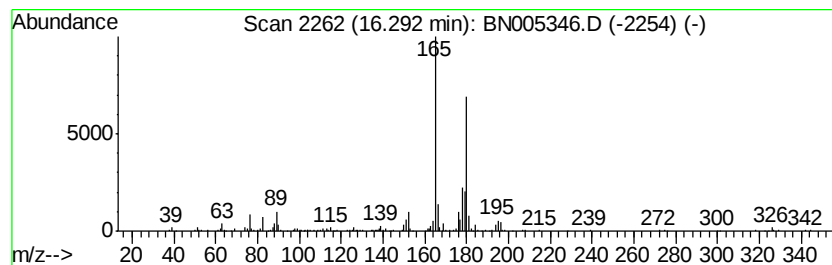
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 9H-Fluorene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.28 ng/ul	657030	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	90
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005346.D
Acq On : 27 Apr 2019 08:34
Operator : JU/SJ
Sample : K2455-03DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ5DL

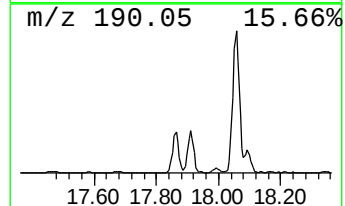
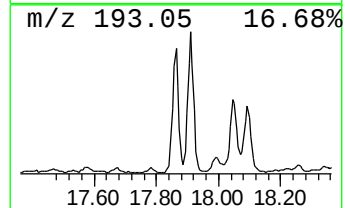
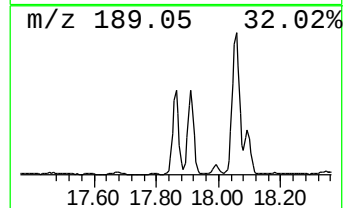
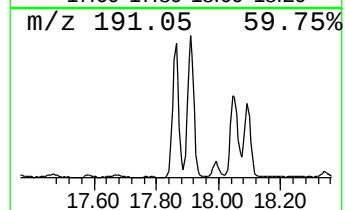
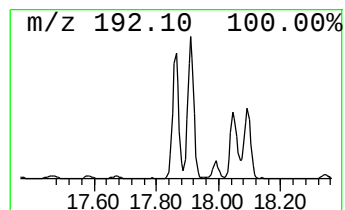
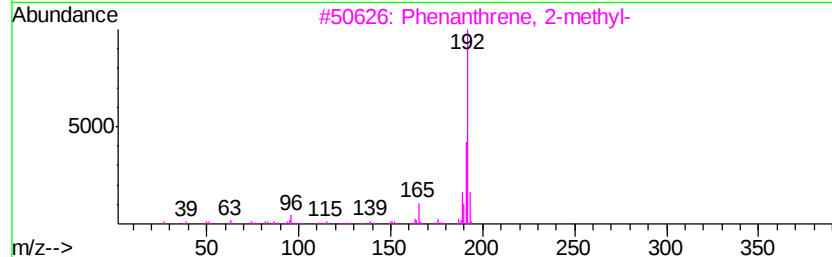
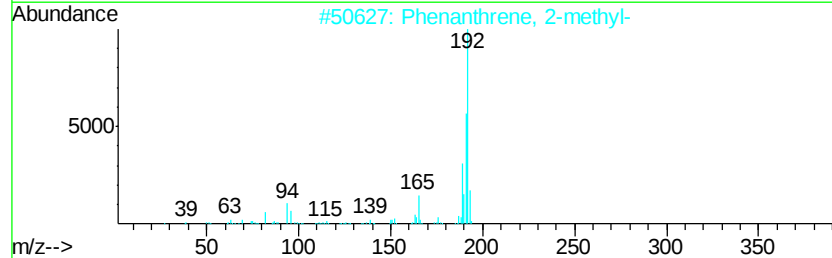
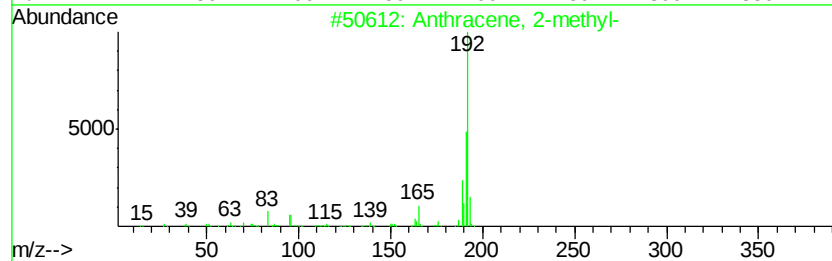
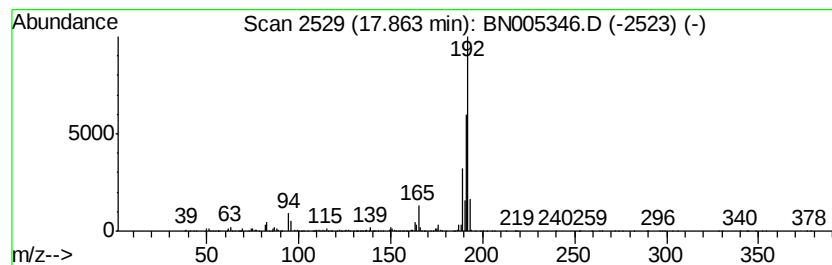
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	7.90 ng/ul	2279800	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005346.D
Acq On : 27 Apr 2019 08:34
Operator : JU/SJ
Sample : K2455-03DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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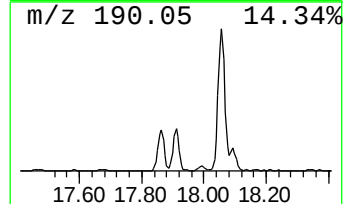
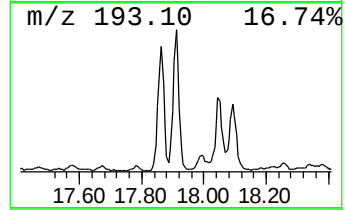
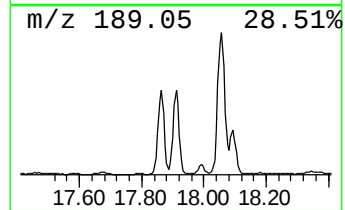
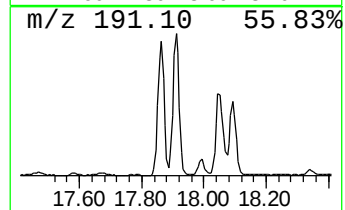
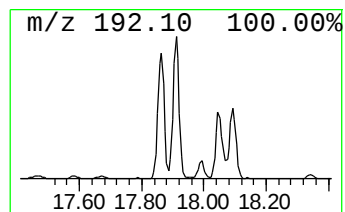
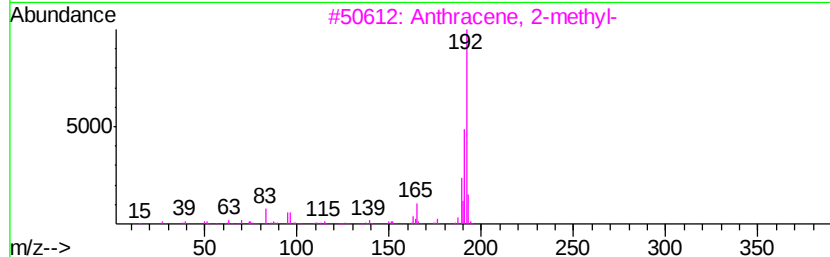
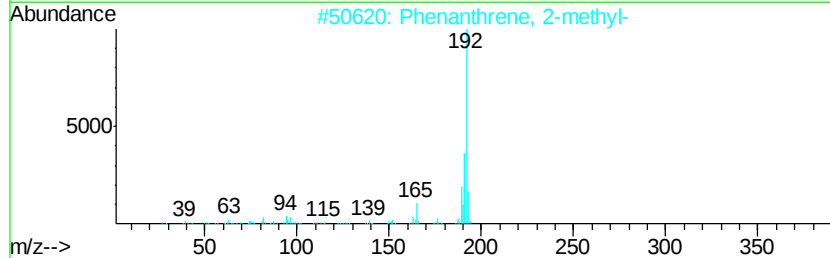
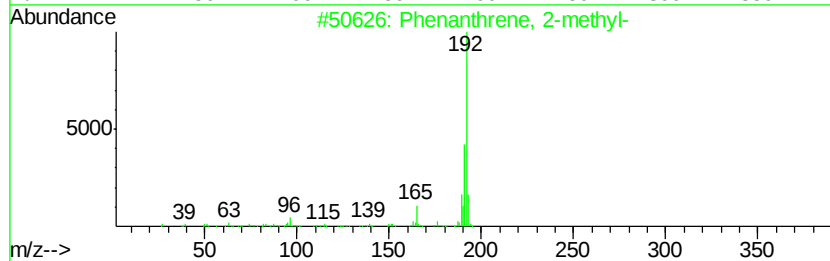
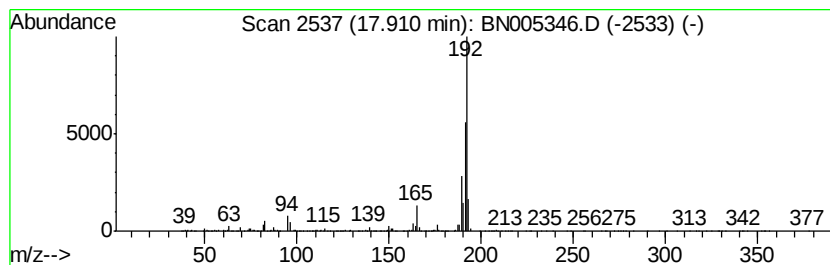
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	8.61 ng/ul	2486900	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005346.D
Acq On : 27 Apr 2019 08:34
Operator : JU/SJ
Sample : K2455-03DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

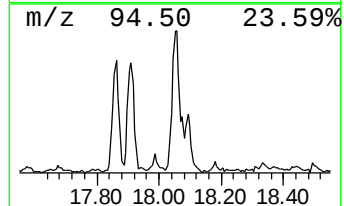
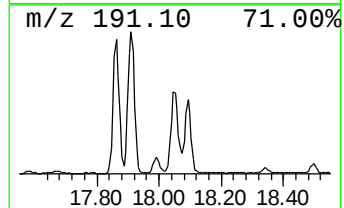
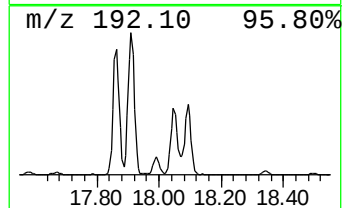
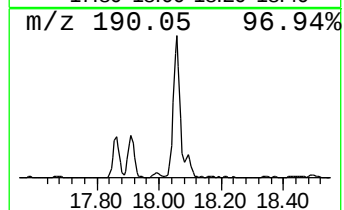
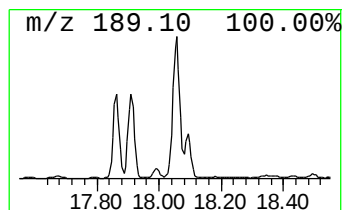
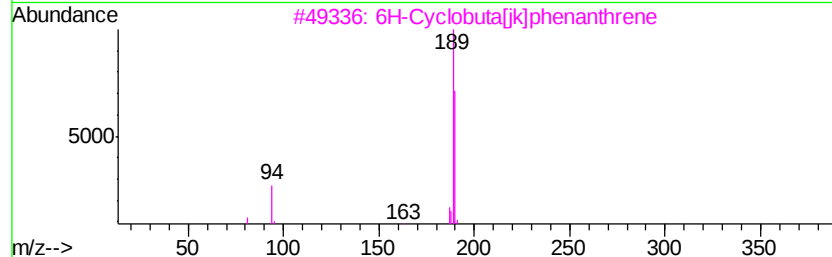
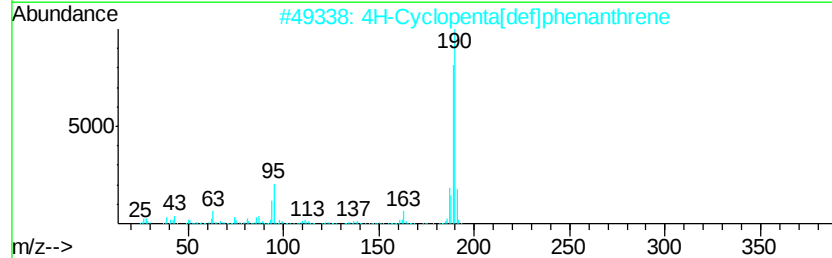
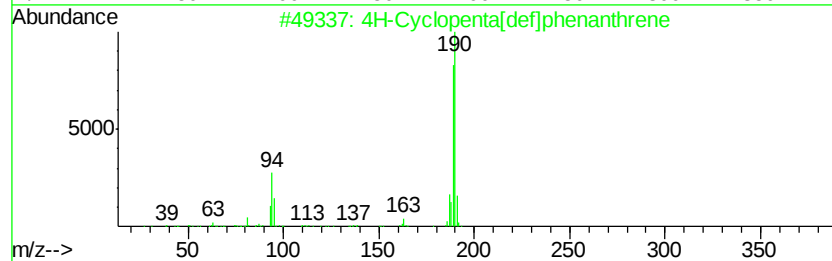
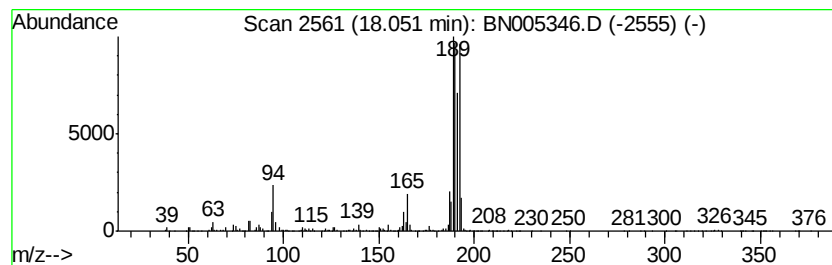
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.05	8.61 ng/ul	2486220	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005346.D
Acq On : 27 Apr 2019 08:34
Operator : JU/SJ
Sample : K2455-03DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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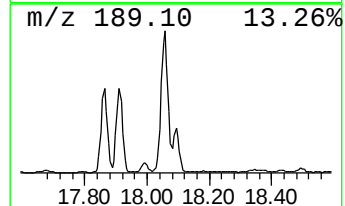
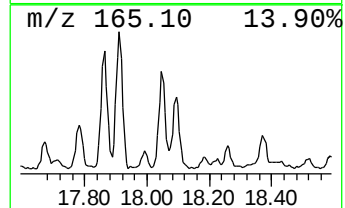
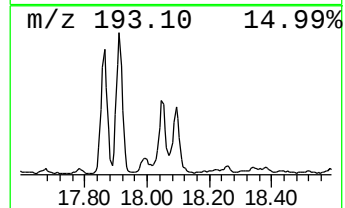
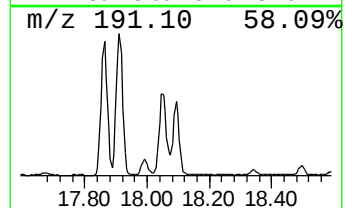
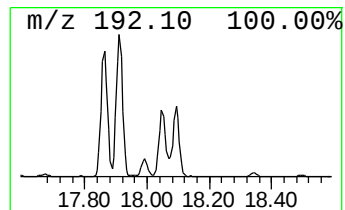
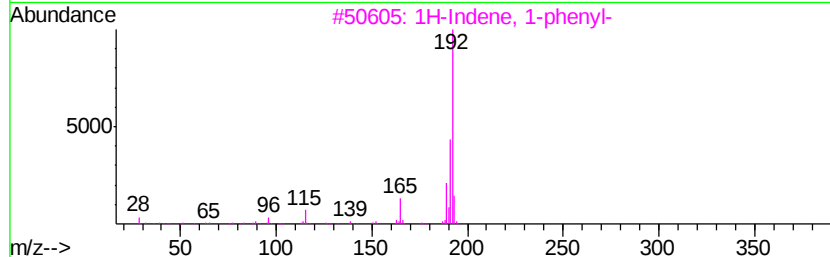
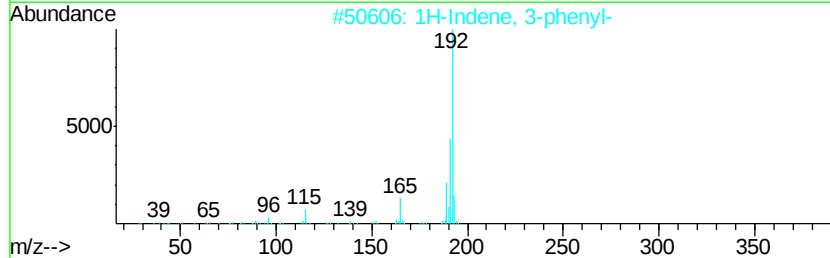
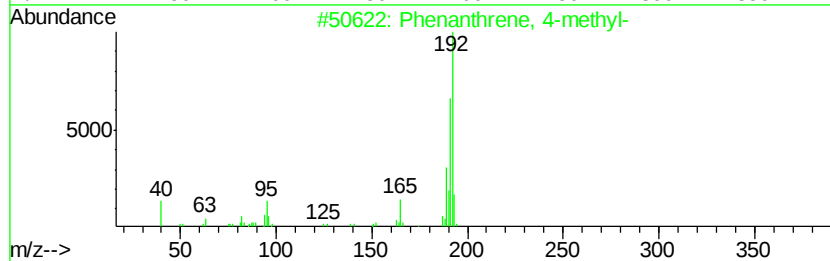
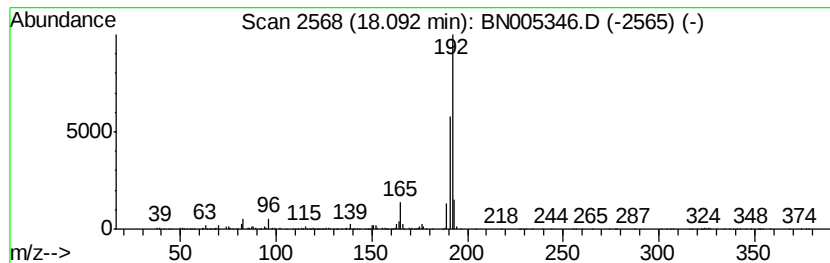
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.07 ng/ul	1175330	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	90
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005346.D
Acq On : 27 Apr 2019 08:34
Operator : JU/SJ
Sample : K2455-03DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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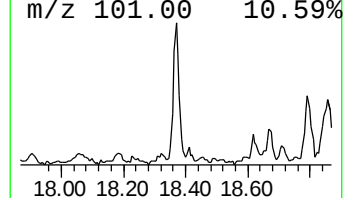
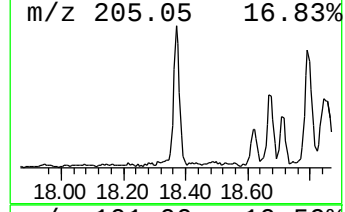
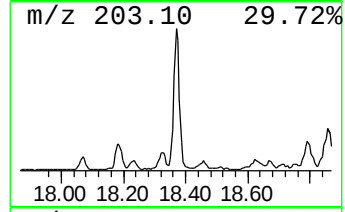
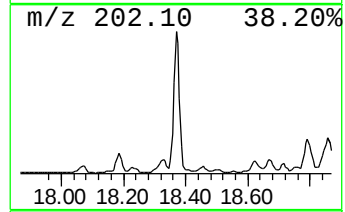
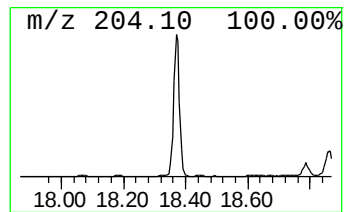
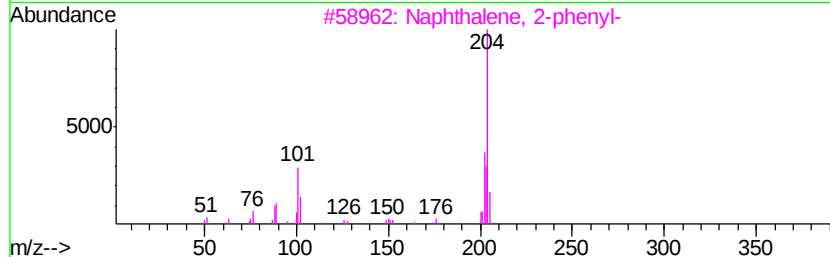
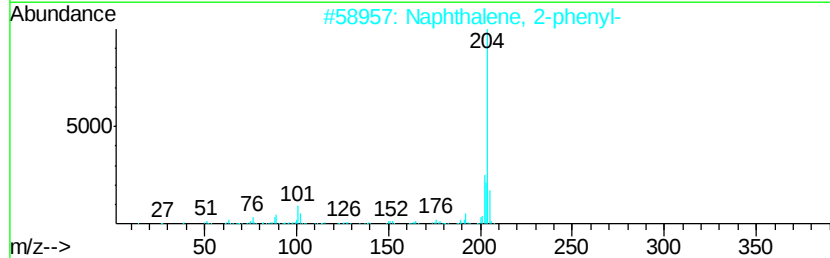
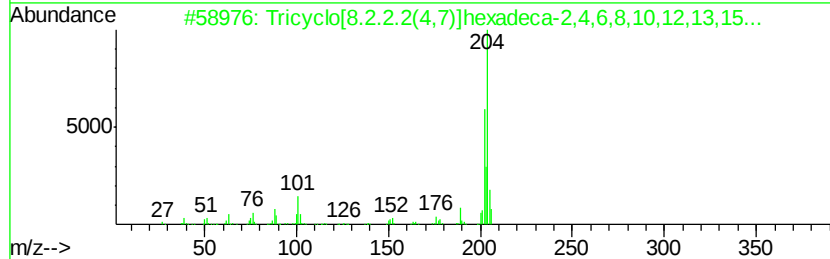
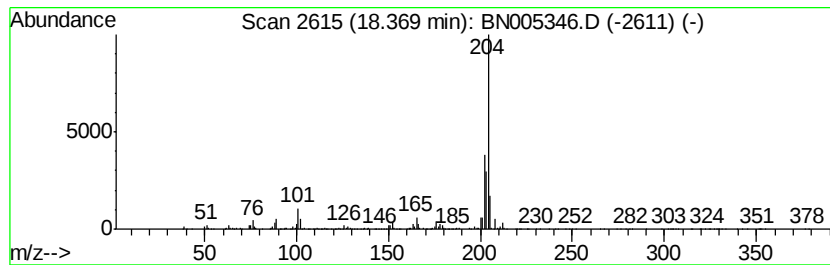
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.24 ng/ul	934328	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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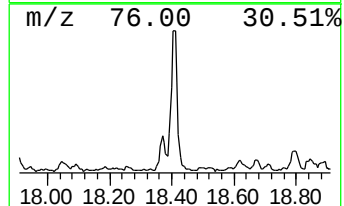
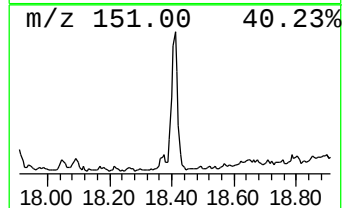
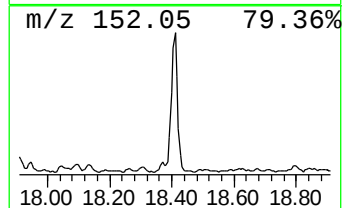
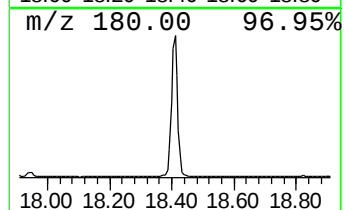
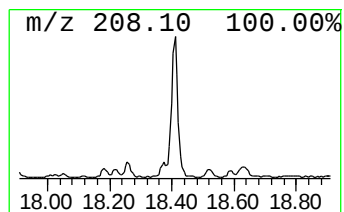
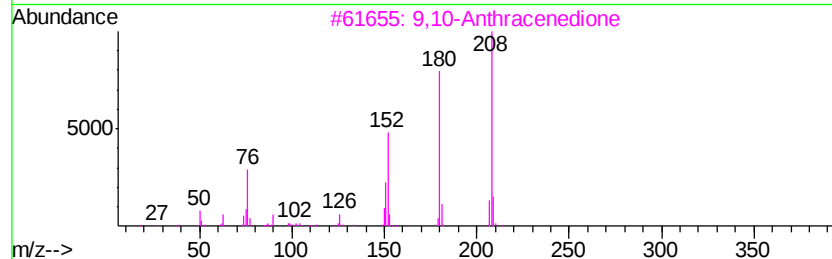
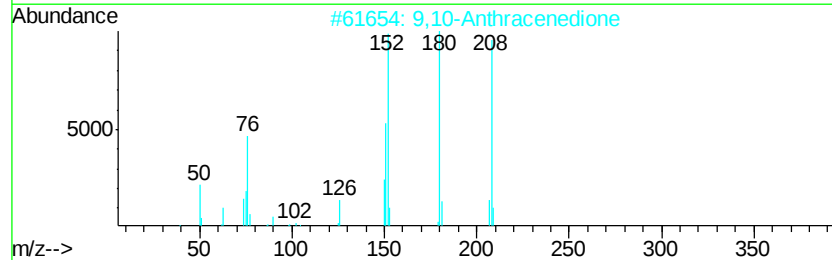
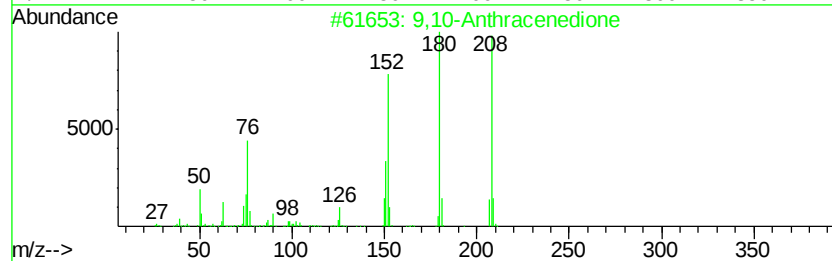
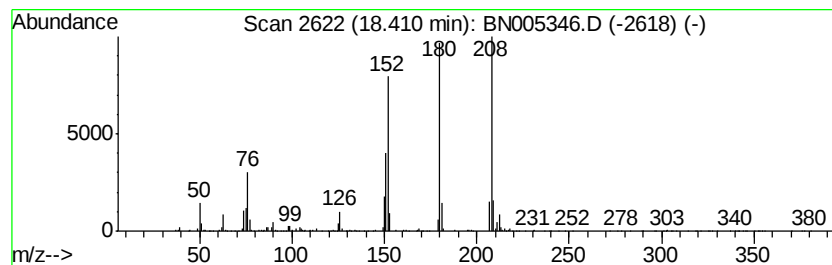
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	4.03 ng/ul	1163180	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005346.D
Acq On : 27 Apr 2019 08:34
Operator : JU/SJ
Sample : K2455-03DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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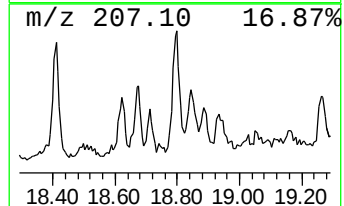
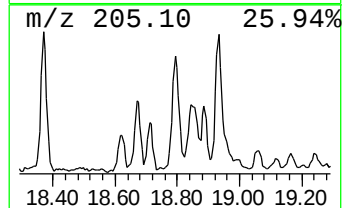
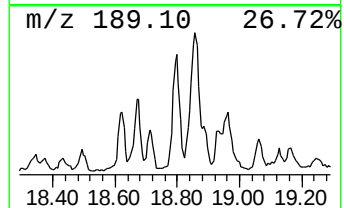
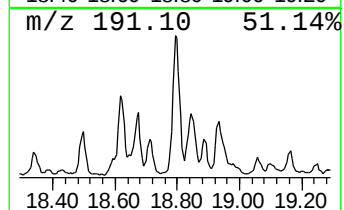
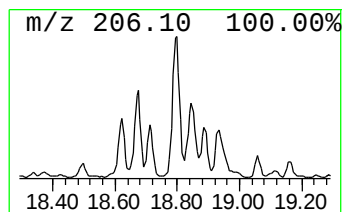
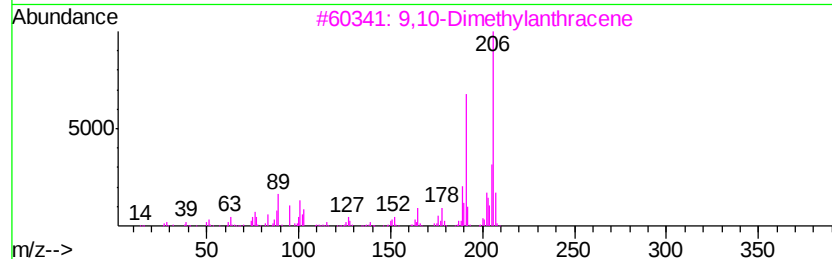
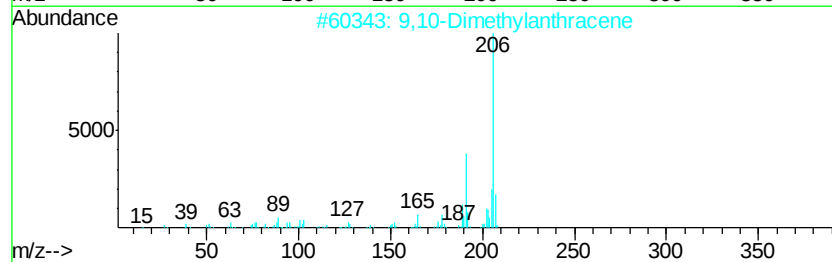
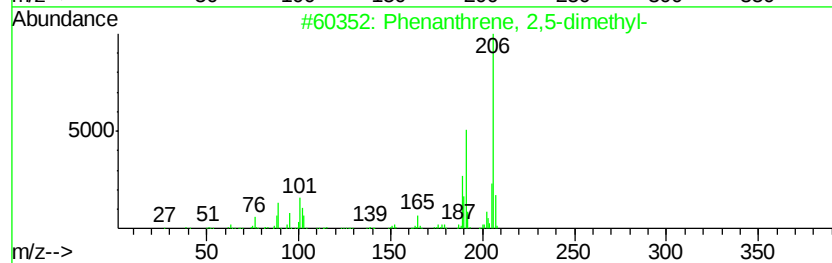
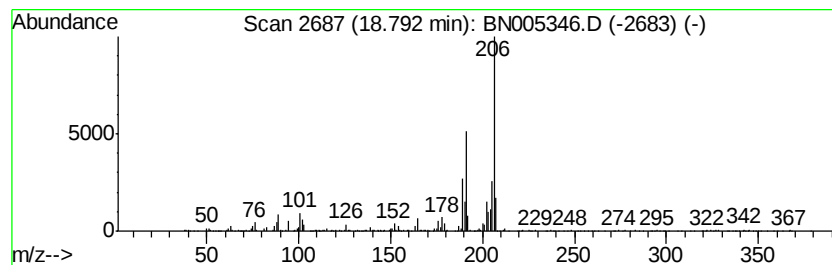
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	3.06 ng/ul	884602	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005346.D
Acq On : 27 Apr 2019 08:34
Operator : JU/SJ
Sample : K2455-03DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ5DL

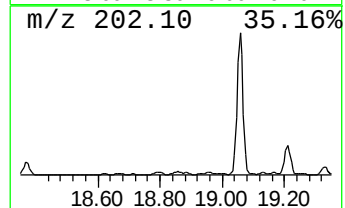
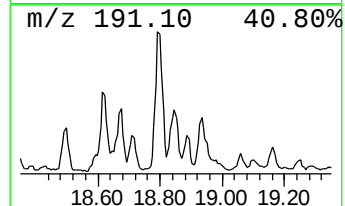
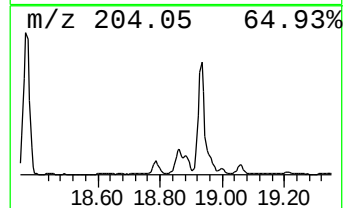
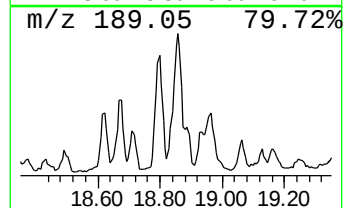
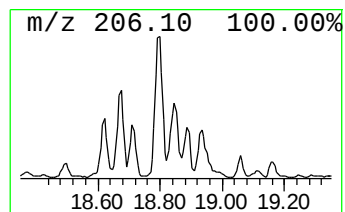
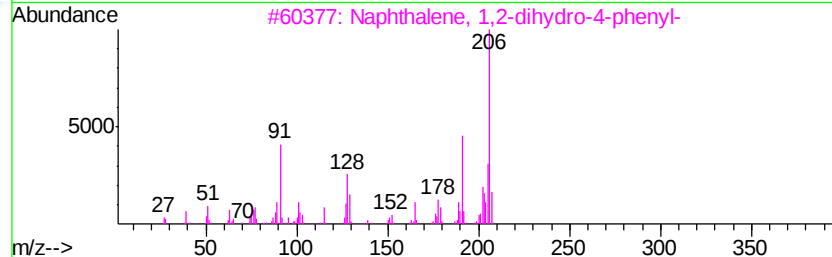
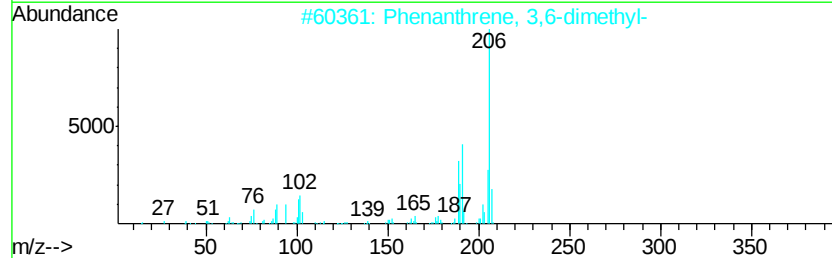
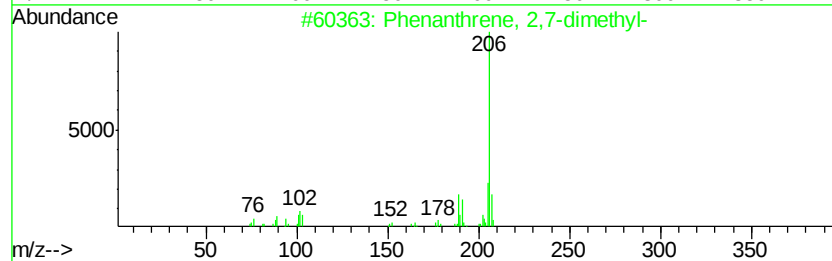
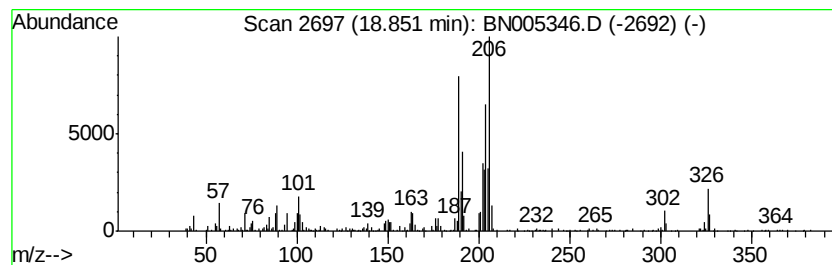
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Phenanthrene, 2,7-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	2.47 ng/ul	713667	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	55
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
3		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	46
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
5		3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005346.D
Acq On : 27 Apr 2019 08:34
Operator : JU/SJ
Sample : K2455-03DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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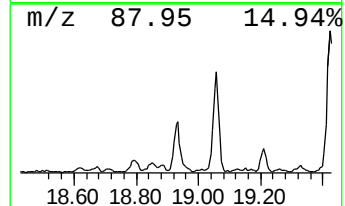
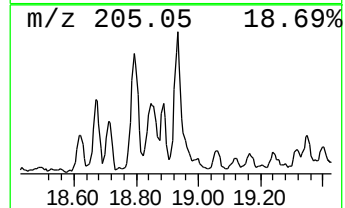
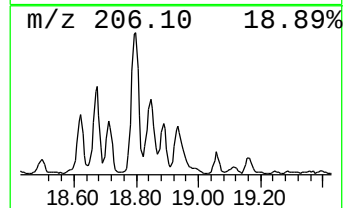
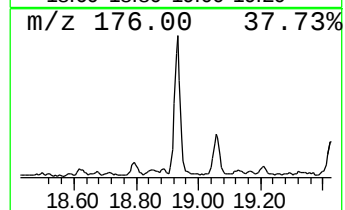
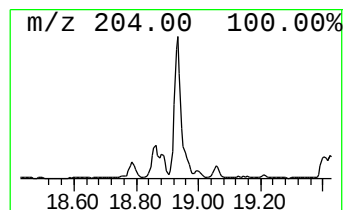
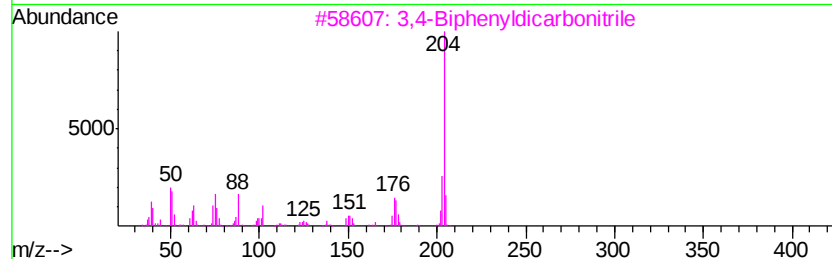
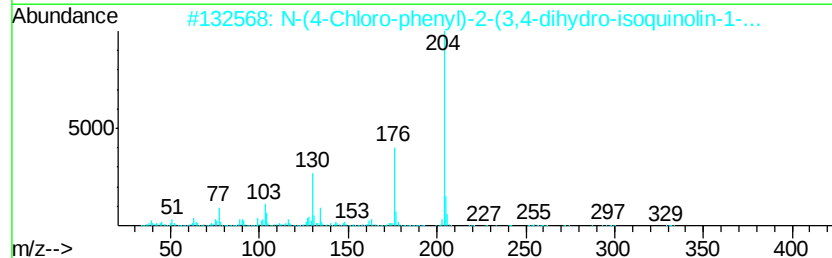
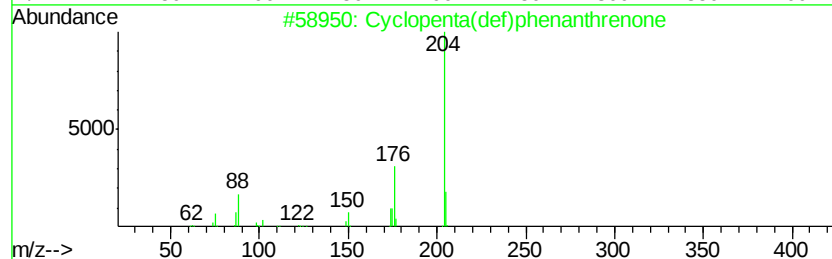
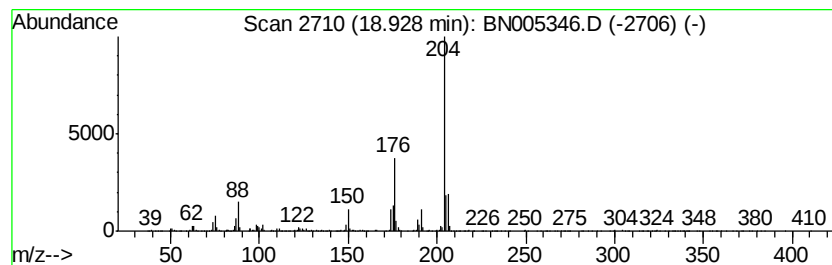
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Cyclopenta(def)phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	3.87 ng/ul	1117850	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	95
2		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	59
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5		5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005346.D
Acq On : 27 Apr 2019 08:34
Operator : JU/SJ
Sample : K2455-03DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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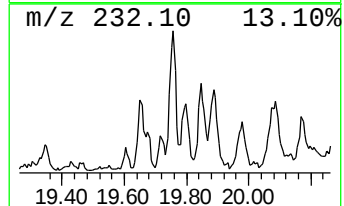
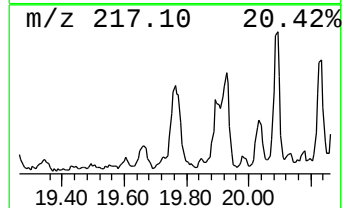
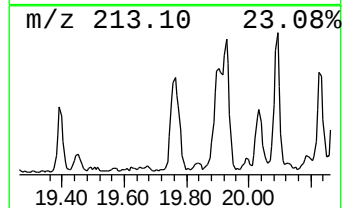
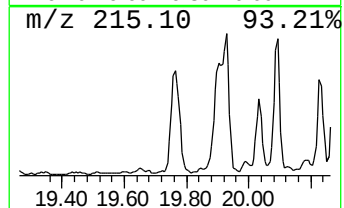
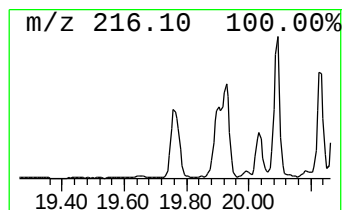
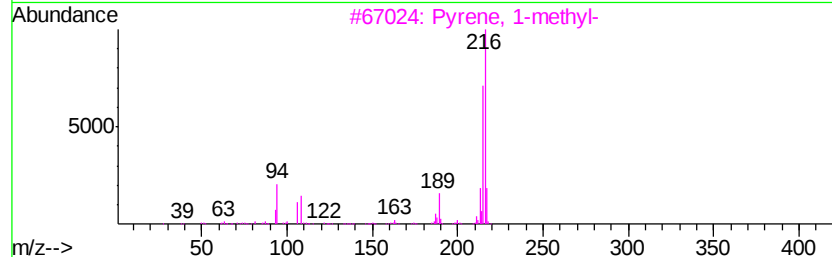
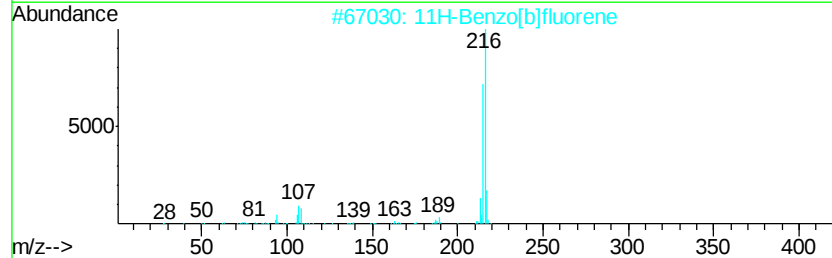
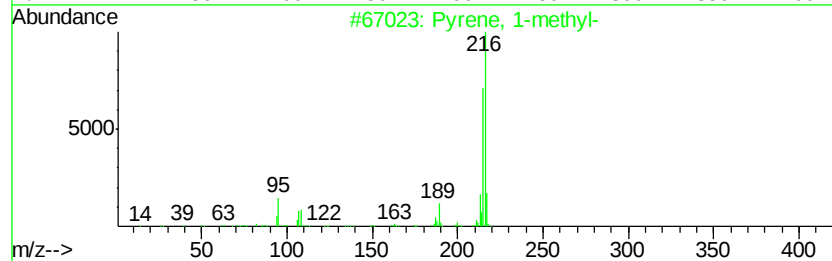
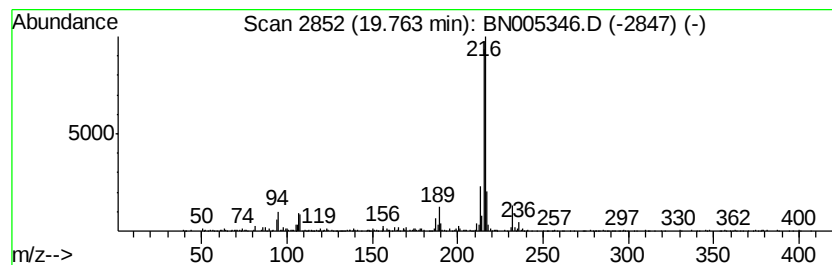
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.62 ng/ul	883635	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005346.D
Acq On : 27 Apr 2019 08:34
Operator : JU/SJ
Sample : K2455-03DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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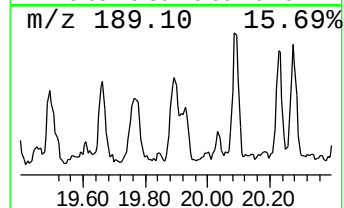
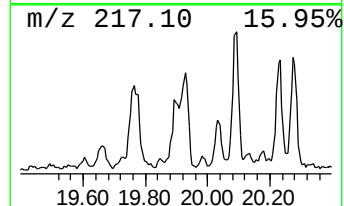
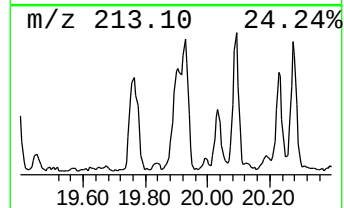
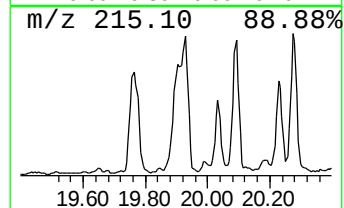
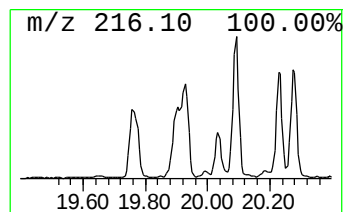
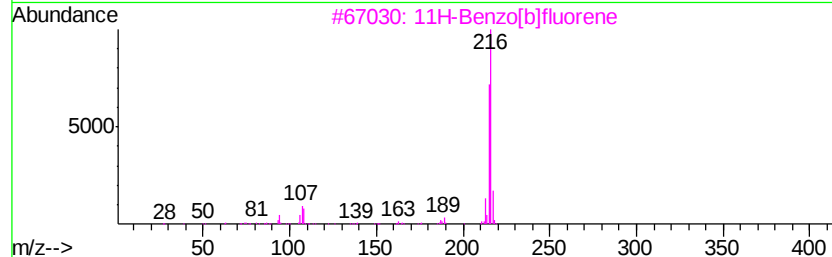
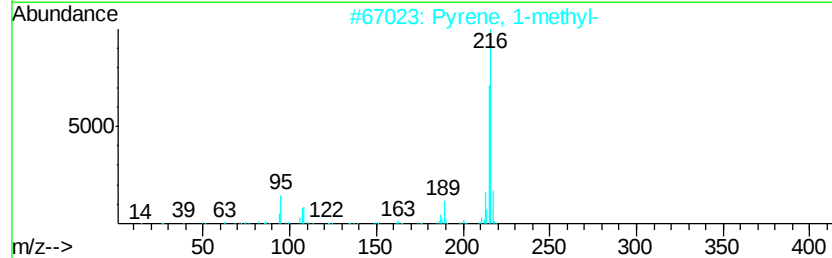
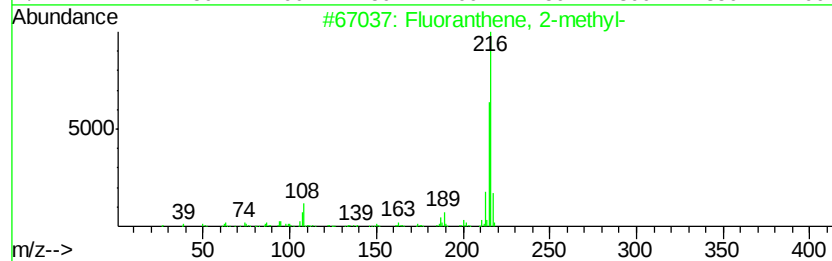
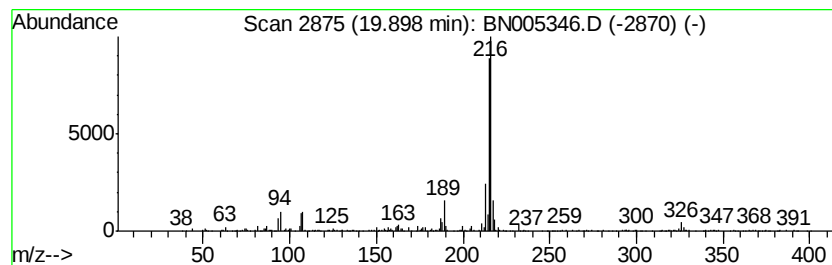
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Fluoranthene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.13 ng/ul	717101	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005346.D
 Acq On : 27 Apr 2019 08:34
 Operator : JU/SJ
 Sample : K2455-03DL 25X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Indene	8.12	4.0	ng/ul	537125	1	7.59	2691040	20.0
Naphthalene, 1-me...	12.25	23.5	ng/ul	4758680	2	10.36	4052240	20.0
Naphthalene, 1-et...	13.25	2.6	ng/ul	700150	3	14.23	5313840	20.0
Naphthalene, 2,6-...	13.39	5.3	ng/ul	1413940	3	14.23	5313840	20.0
Naphthalene, 2,3-...	13.55	8.5	ng/ul	2251930	3	14.23	5313840	20.0
Naphthalene, 1,5-...	13.78	3.3	ng/ul	885221	3	14.23	5313840	20.0
Naphthalene, 1,4,...	14.63	2.7	ng/ul	712479	3	14.23	5313840	20.0
Azulene, 4,6,8-tr...	14.85	2.5	ng/ul	666106	3	14.23	5313840	20.0
9H-Fluorene, 1-me...	16.29	2.3	ng/ul	657030	4	16.98	5773910	20.0
Anthracene, 2-met...	17.86	7.9	ng/ul	2279800	4	16.98	5773910	20.0
Phenanthrene, 2-m...	17.91	8.6	ng/ul	2486900	4	16.98	5773910	20.0
4H-Cyclopenta[def...	18.05	8.6	ng/ul	2486220	4	16.98	5773910	20.0
Phenanthrene, 4-m...	18.09	4.1	ng/ul	1175330	4	16.98	5773910	20.0
Tricyclo[8.2.2.2(...	18.37	3.2	ng/ul	934328	4	16.98	5773910	20.0
9,10-Anthracenedione	18.41	4.0	ng/ul	1163180	4	16.98	5773910	20.0
Phenanthrene, 2,5...	18.79	3.1	ng/ul	884602	4	16.98	5773910	20.0
Phenanthrene, 2,7...	18.85	2.5	ng/ul	713667	4	16.98	5773910	20.0
Cyclopenta(def)ph...	18.93	3.9	ng/ul	1117850	4	16.98	5773910	20.0
Pyrene, 1-methyl-	19.76	2.6	ng/ul	883635	5	21.22	6749150	20.0
Fluoranthene, 2-m...	19.90	2.1	ng/ul	717101	5	21.22	6749150	20.0