

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005273.D
 Acq On : 25 Apr 2019 05:08
 Operator : JU/SJ
 Sample : K2455-03 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ5

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	7.258	719	726	735	rVV2	1393958	2447323	6.89%	0.476%
2	7.593	776	783	791	rBV	1727498	2753912	7.75%	0.536%
3	8.122	863	873	882	rBV	1482490	2444318	6.88%	0.476%
4	9.793	1148	1157	1163	rBV3	704118	1697259	4.77%	0.330%
5	9.863	1163	1169	1173	rBV	818301	1501238	4.22%	0.292%
6	10.357	1245	1253	1257	rBV	2890666	5031927	14.16%	0.979%
7	10.410	1257	1262	1270	rVB	8766504	14489220	40.76%	2.820%
8	11.810	1493	1500	1505	rVV	732329	1196770	3.37%	0.233%
9	12.034	1529	1538	1546	rVB	20817073	35545319	100.00%	6.917%
10	12.251	1564	1575	1586	rVB	12851669	21601459	60.77%	4.204%
11	13.057	1705	1712	1722	rBV2	2042675	4106401	11.55%	0.799%
12	13.251	1739	1745	1757	rVB	1475180	3303107	9.29%	0.643%
13	13.387	1759	1768	1770	rBV	4763122	7630816	21.47%	1.485%
14	13.551	1788	1796	1801	rVV	6133558	11014610	30.99%	2.143%
15	13.604	1801	1805	1809	rVV	3904160	5548410	15.61%	1.080%
16	13.645	1809	1812	1814	rVV	875609	1198921	3.37%	0.233%
17	13.681	1814	1818	1824	rVV2	2339525	3611887	10.16%	0.703%
18	13.787	1831	1836	1840	rVV	2917537	4583896	12.90%	0.892%
19	13.951	1853	1864	1877	rVB3	6163426	10860199	30.55%	2.113%
20	14.157	1894	1899	1903	rBV	933763	1193918	3.36%	0.232%
21	14.228	1903	1911	1917	rVV4	3986973	8263112	23.25%	1.608%
22	14.292	1917	1922	1925	rVV2	1195994	1880720	5.29%	0.366%
23	14.445	1942	1948	1956	rVB2	971582	2234968	6.29%	0.435%
24	14.634	1970	1980	1988	rBV2	1865106	3627432	10.21%	0.706%
25	14.710	1988	1993	1998	rVB	1784510	2523523	7.10%	0.491%
26	14.845	2009	2016	2023	rBV3	1395831	3415983	9.61%	0.665%
27	14.910	2023	2027	2031	rVB	1251840	1560943	4.39%	0.304%
28	15.110	2056	2061	2066	rVB2	1219908	1964946	5.53%	0.382%
29	15.175	2066	2072	2074	rBV	675882	1075538	3.03%	0.209%
30	15.228	2076	2081	2085	rVB2	2184004	3588305	10.10%	0.698%
31	15.287	2085	2091	2096	rBV	5436916	8387008	23.60%	1.632%
32	15.410	2108	2112	2116	rVV3	836172	1070707	3.01%	0.208%
33	15.498	2122	2127	2136	rVB8	559852	1344782	3.78%	0.262%
34	15.581	2136	2141	2154	rVV4	952518	1969449	5.54%	0.383%

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35	15.734	2158	2167	2174	rVB4	590643	1637277	4.61%	0.319%
36	15.975	2201	2208	2212	rBV3	827278	1671047	4.70%	0.325%
37	16.292	2248	2262	2266	rBV3	1690073	4446130	12.51%	0.865%
38	16.339	2266	2270	2276	rVB2	1884338	2723515	7.66%	0.530%
39	16.439	2283	2287	2293	rVB3	866287	1502063	4.23%	0.292%
40	16.639	2317	2321	2329	rVB2	866639	1425741	4.01%	0.277%
41	16.798	2340	2348	2352	rBV2	1341746	2290028	6.44%	0.446%
42	16.986	2374	2380	2383	rBV	4632770	7228731	20.34%	1.407%
43	17.034	2383	2388	2393	rVV	23359010	34555465	97.22%	6.724%
44	17.081	2393	2396	2399	rVV	1268744	1885344	5.30%	0.367%
45	17.116	2399	2402	2407	rVV	2839476	3703644	10.42%	0.721%
46	17.175	2407	2412	2418	rVV3	749766	1672286	4.70%	0.325%
47	17.510	2465	2469	2473	rBV2	1575470	1984792	5.58%	0.386%
48	17.563	2474	2478	2485	rVB3	1315987	2078609	5.85%	0.404%
49	17.686	2489	2499	2501	rBV3	760961	2014753	5.67%	0.392%
50	17.781	2511	2515	2522	rBV2	608240	1243290	3.50%	0.242%
51	17.863	2523	2529	2533	rVV	7918913	11857121	33.36%	2.307%
52	17.916	2533	2538	2546	rVV	9120912	13117242	36.90%	2.553%
53	17.992	2546	2551	2555	rVV	822666	1090475	3.07%	0.212%
54	18.057	2555	2562	2566	rVV2	7375180	13499808	37.98%	2.627%
55	18.092	2566	2568	2574	rVB	4480244	5678530	15.98%	1.105%
56	18.375	2611	2616	2619	rVV	4295879	6082645	17.11%	1.184%
57	18.410	2619	2622	2628	rVB	4873874	6478460	18.23%	1.261%
58	18.498	2633	2637	2648	rVB3	458555	1233157	3.47%	0.240%
59	18.622	2654	2658	2663	rVV3	1504127	2615148	7.36%	0.509%
60	18.669	2663	2666	2670	rVV	1548460	2258949	6.36%	0.440%
61	18.710	2670	2673	2677	rVB	1010618	1250820	3.52%	0.243%
62	18.798	2682	2688	2692	rBV2	3090371	4794933	13.49%	0.933%
63	18.857	2692	2698	2701	rBV2	1814171	3258642	9.17%	0.634%
64	18.886	2701	2703	2707	rVB	1138219	1268729	3.57%	0.247%
65	18.933	2707	2711	2720	rBV	3658002	6382098	17.95%	1.242%
66	19.063	2728	2733	2739	rVB	13274673	18862154	53.07%	3.670%
67	19.133	2740	2745	2748	rBV	1397525	2075111	5.84%	0.404%
68	19.210	2754	2758	2762	rVB	2747993	3527165	9.92%	0.686%
69	19.263	2762	2767	2772	rBV	2360961	3144948	8.85%	0.612%
70	19.333	2772	2779	2785	rVB3	689445	1657192	4.66%	0.322%
71	19.433	2785	2796	2803	rBV	21936697	34870729	98.10%	6.786%

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72	19.663	2831	2835	2842	rVB5	754665	1606029	4.52%	0.313%
73	19.757	2846	2851	2861	rBV3	2680788	5763027	16.21%	1.121%
74	19.898	2869	2875	2877	rBV4	2295175	4097543	11.53%	0.797%
75	20.033	2894	2898	2902	rVV2	1565869	2201066	6.19%	0.428%
76	20.092	2903	2908	2912	rVB	3585574	4766245	13.41%	0.927%
77	20.227	2927	2931	2935	rVV	2793650	3693239	10.39%	0.719%
78	20.275	2935	2939	2944	rVB	3263730	4391529	12.35%	0.855%
79	20.686	3005	3009	3016	rVB	2057411	3124480	8.79%	0.608%
80	20.839	3029	3035	3041	rVV3	1310504	2841687	7.99%	0.553%
81	20.892	3041	3044	3047	rVV	1991960	2424297	6.82%	0.472%
82	20.927	3047	3050	3053	rVV	1305058	1638222	4.61%	0.319%
83	20.986	3053	3060	3067	rVB2	1555491	3269057	9.20%	0.636%
84	21.204	3091	3097	3102	rBV2	8474323	18115516	50.96%	3.525%
85	21.251	3102	3105	3111	rVB	6559826	9333237	26.26%	1.816%
86	21.416	3130	3133	3139	rVB	1998556	2751612	7.74%	0.535%
87	21.763	3186	3192	3197	rVV	2198953	3799267	10.69%	0.739%
88	21.816	3197	3201	3207	rVV3	1648780	2704097	7.61%	0.526%
89	21.886	3208	3213	3220	rVV3	942268	2602792	7.32%	0.506%
90	21.957	3221	3225	3228	rVV2	1322937	2144361	6.03%	0.417%
91	21.986	3228	3230	3235	rVV	1364976	1656488	4.66%	0.322%
92	22.380	3294	3297	3307	rVB3	798334	1624152	4.57%	0.316%
93	22.763	3355	3362	3366	rBV3	3263313	7349860	20.68%	1.430%
94	22.927	3385	3390	3399	rVB	1039731	1843466	5.19%	0.359%
95	23.227	3435	3441	3445	rBV	1961898	3432429	9.66%	0.668%
96	23.316	3452	3456	3461	rVB2	1684253	2663206	7.49%	0.518%
97	23.410	3466	3472	3478	rBV	2825585	5253456	14.78%	1.022%
98	25.068	3747	3754	3764	rVB4	392181	1262381	3.55%	0.246%
99	25.586	3833	3842	3855	rVB2	1267258	3771507	10.61%	0.734%
100	26.245	3947	3954	3964	rVB	708516	2029135	5.71%	0.395%

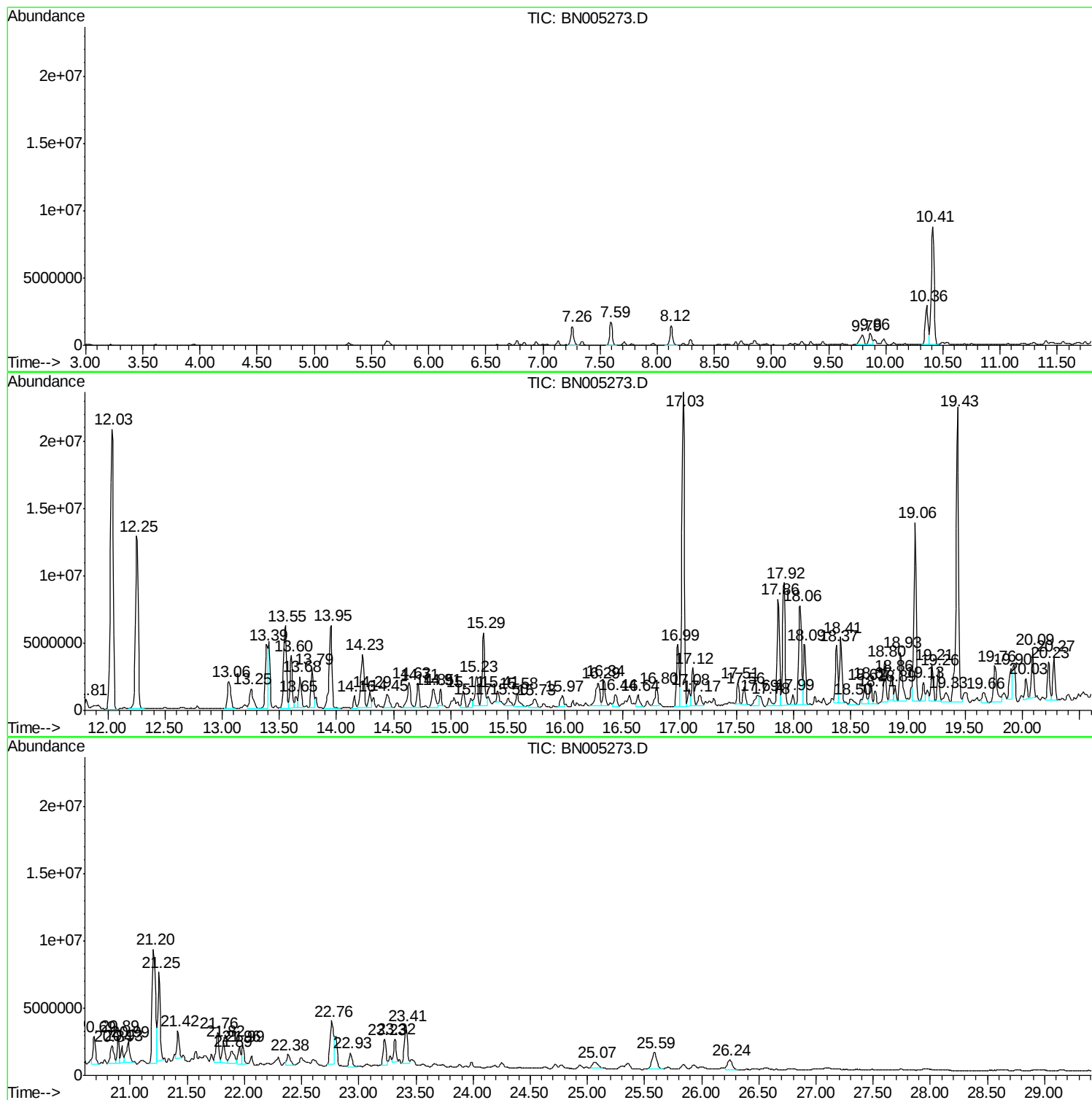
Sum of corrected areas: 513888480

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Instrument :
BNA_N
ClientSampleId :
GAHQ5

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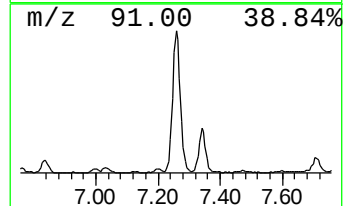
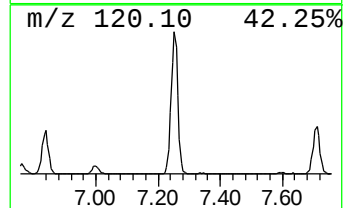
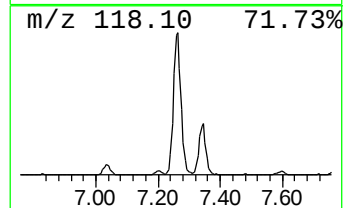
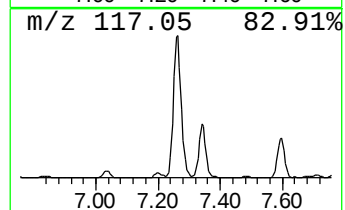
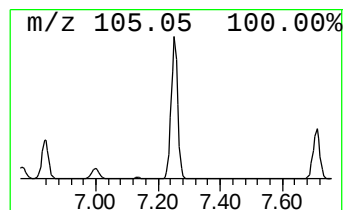
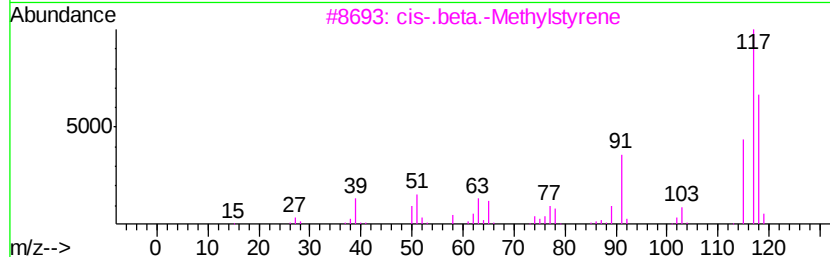
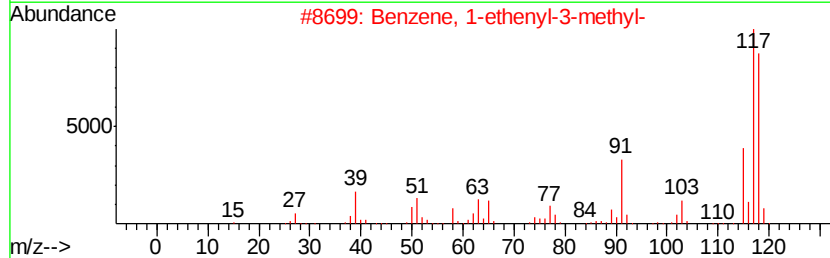
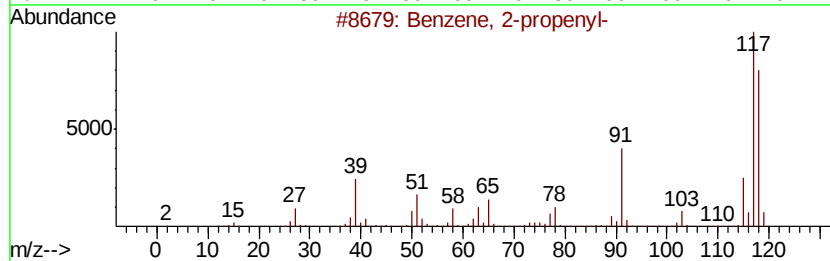
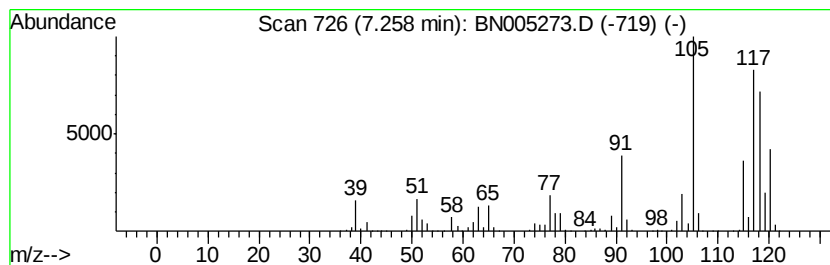
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 2-propenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	17.77 ng/ul	2447320	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	86
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	50
3		cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	50
4		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	50
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	50



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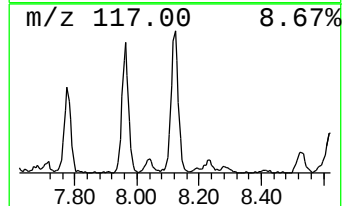
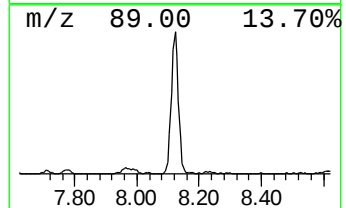
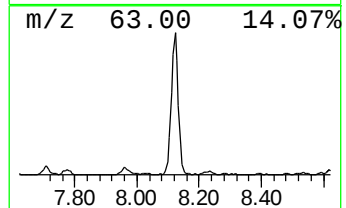
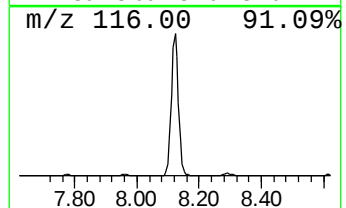
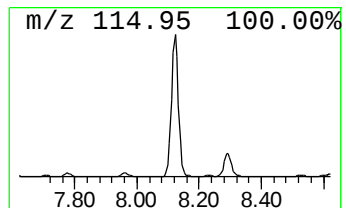
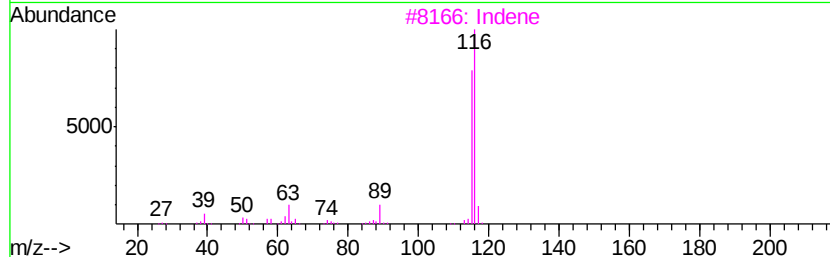
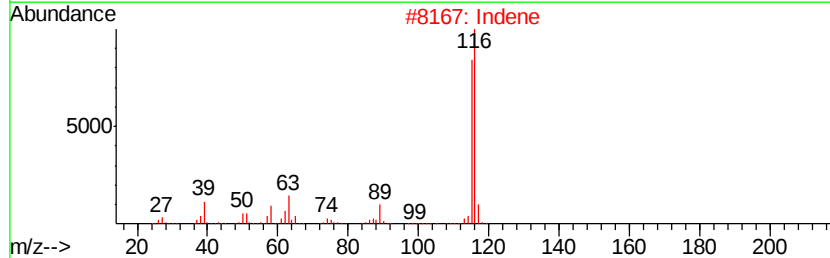
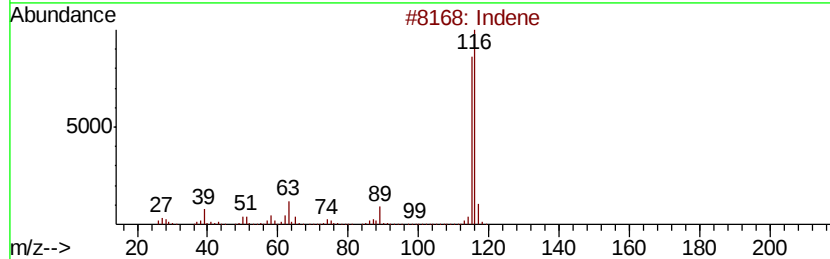
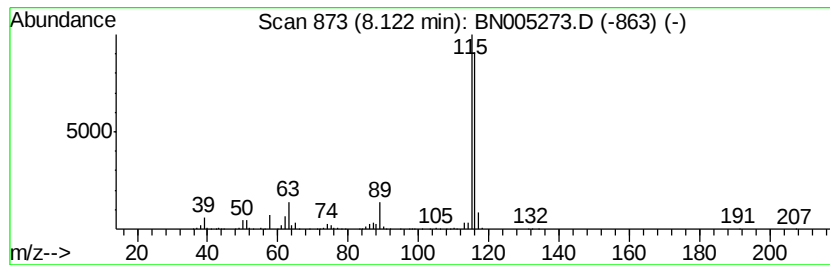
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	17.75 ng/ul	2444320	1,4-Dichlorobenzene-d4	7.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	95
2	Indene		116	C9H8	000095-13-6	95
3	Indene		116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
5	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91



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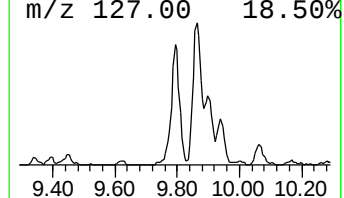
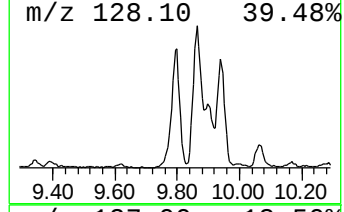
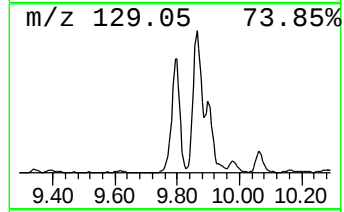
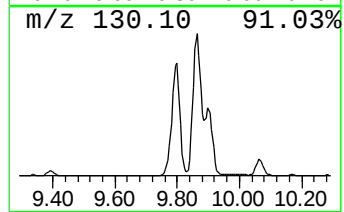
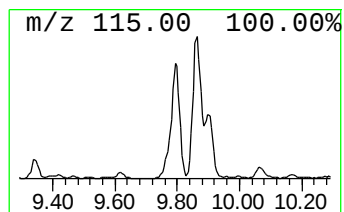
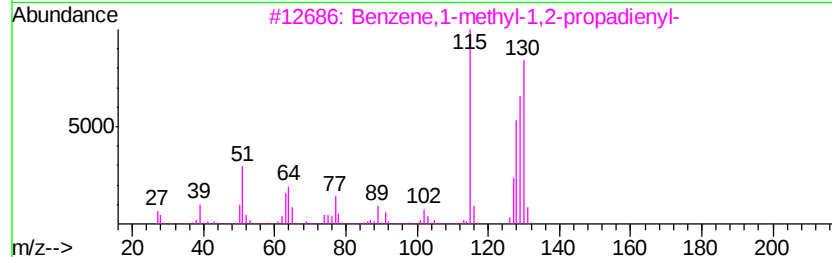
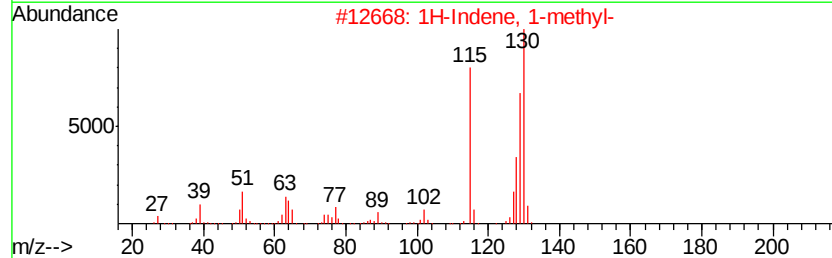
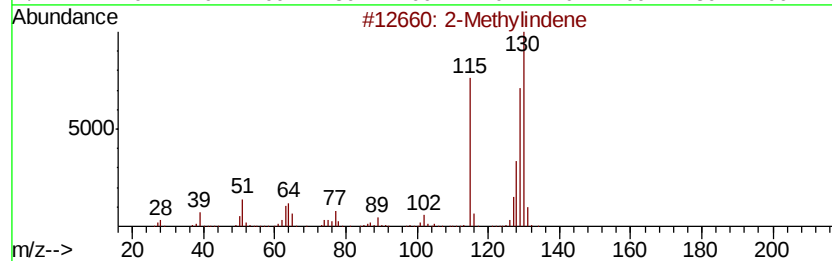
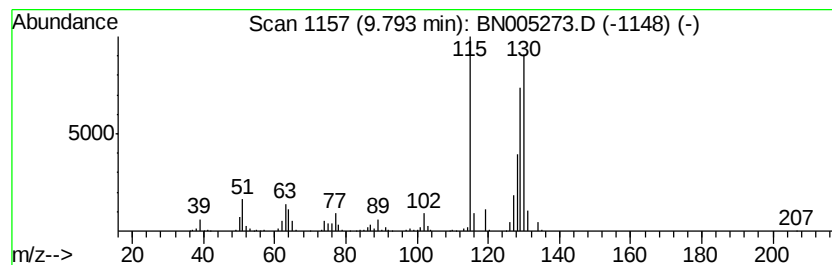
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Methylindene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	6.75 ng/ul	1697260	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4		Benzene, 1-butenyl-	130	C10H10	000622-76-4	95
5		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95



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Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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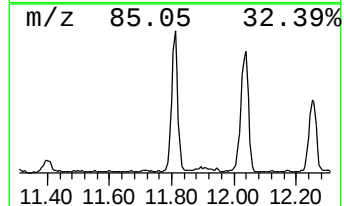
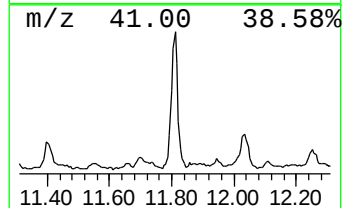
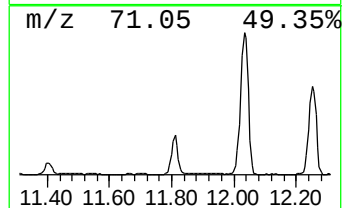
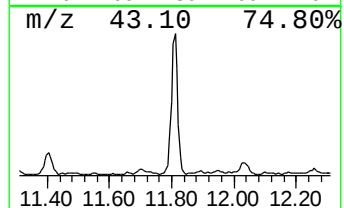
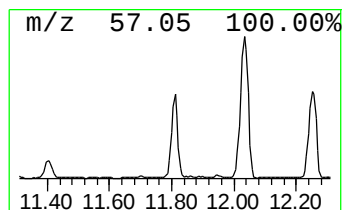
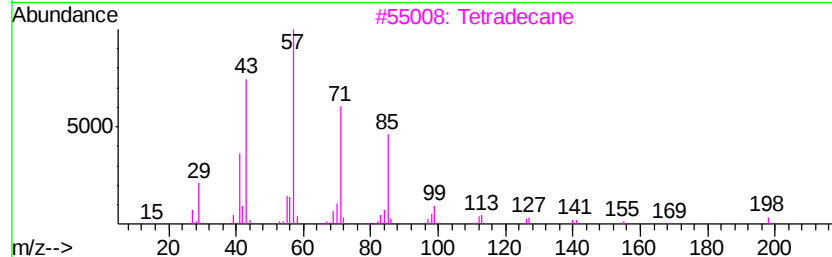
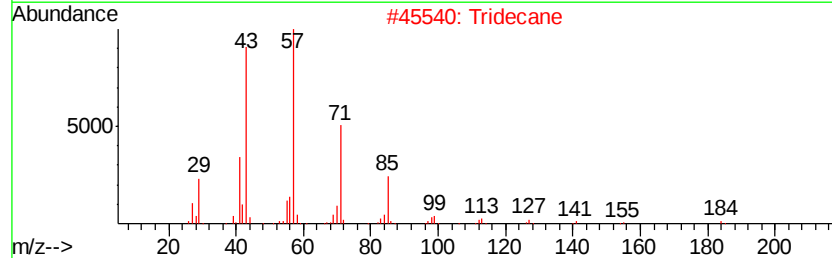
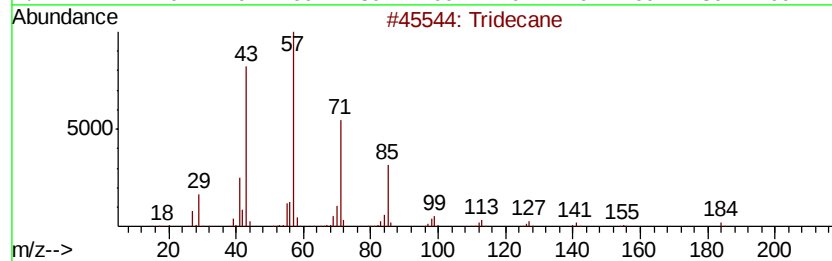
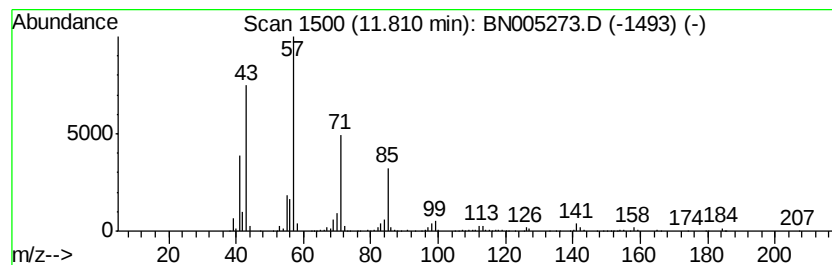
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	4.76 ng/ul	1196770	Napthalene-d8	10.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	95
2	Tridecane		184	C13H28	000629-50-5	93
3	Tetradecane		198	C14H30	000629-59-4	86
4	Hexadecane		226	C16H34	000544-76-3	86
5	Tetradecane		198	C14H30	000629-59-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
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Sample : K2455-03 5X
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ClientSampleId :
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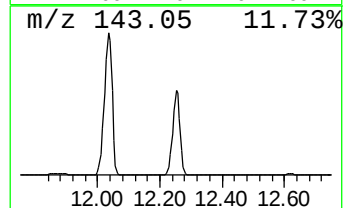
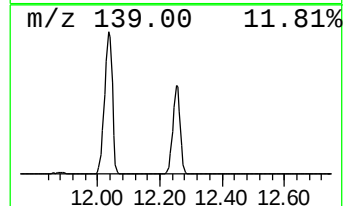
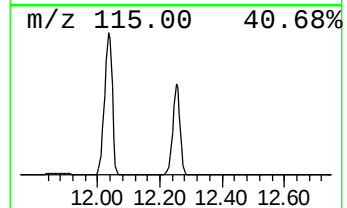
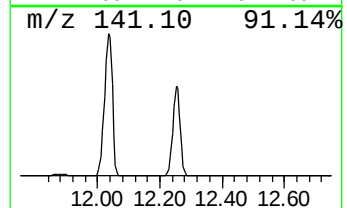
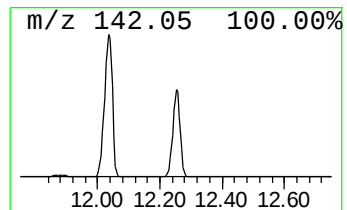
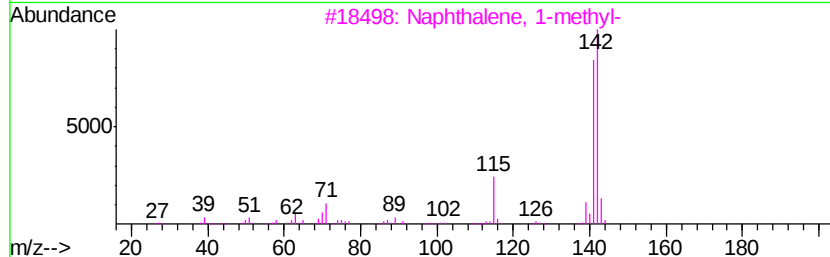
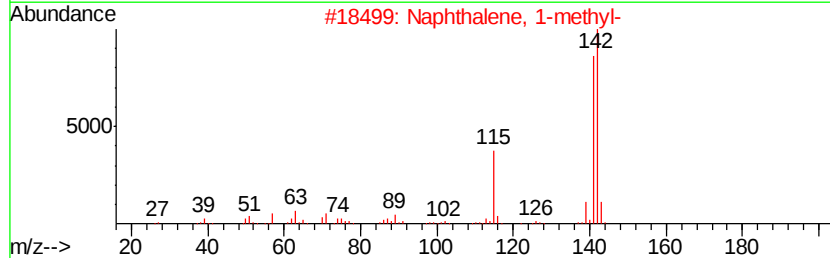
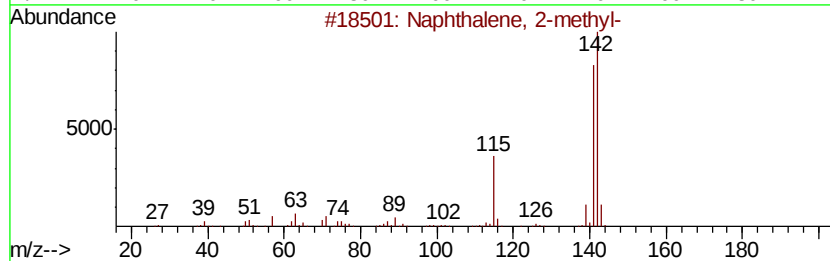
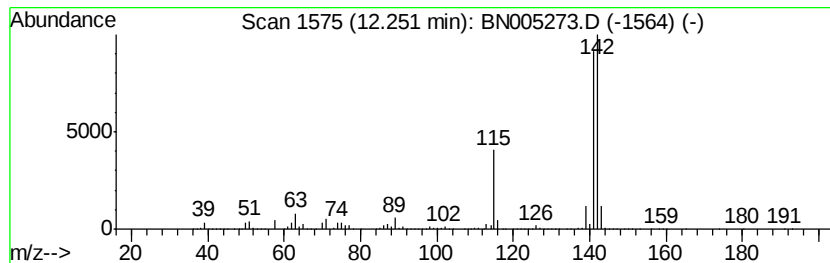
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	85.86 ng/ul	21601500	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		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
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Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

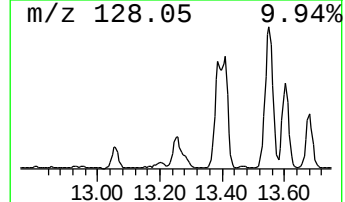
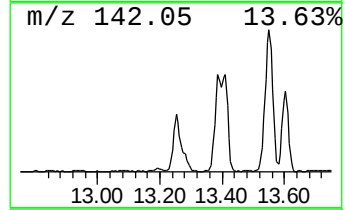
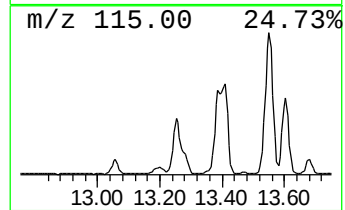
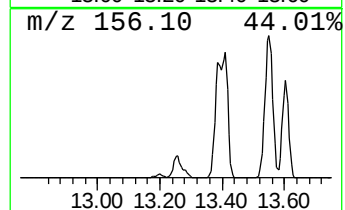
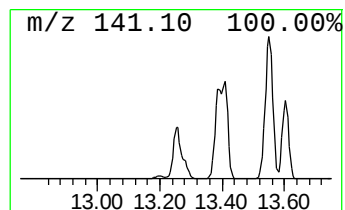
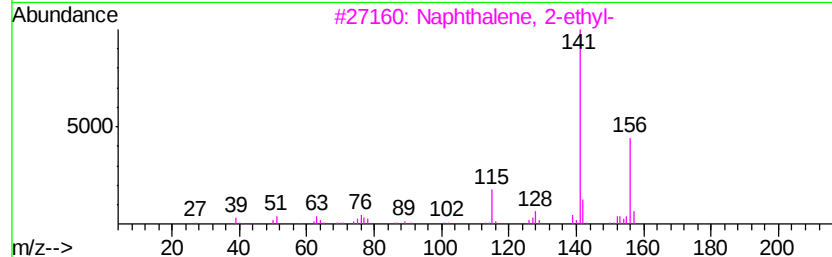
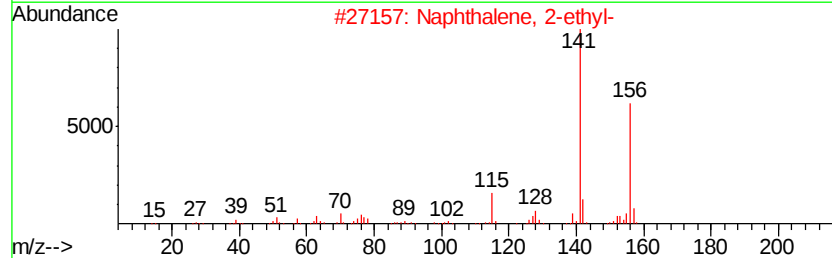
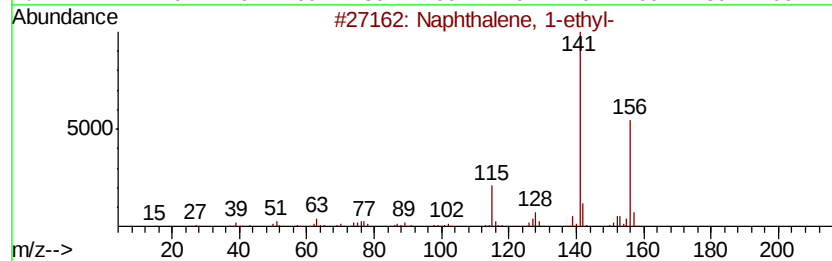
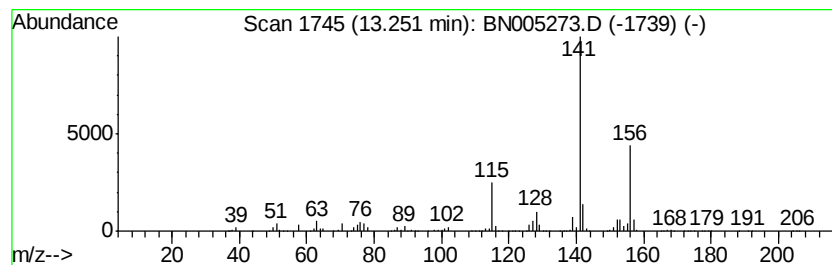
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	7.99 ng/ul	3303110	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
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 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
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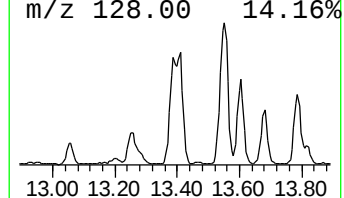
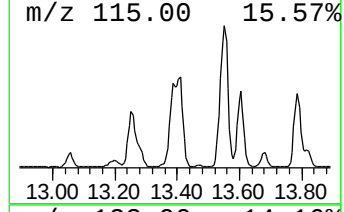
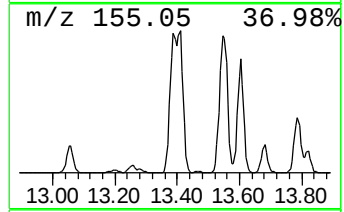
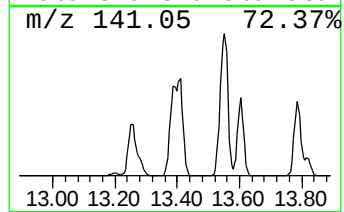
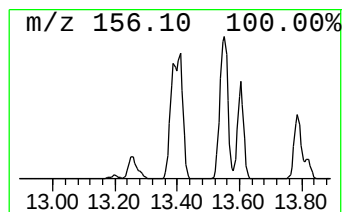
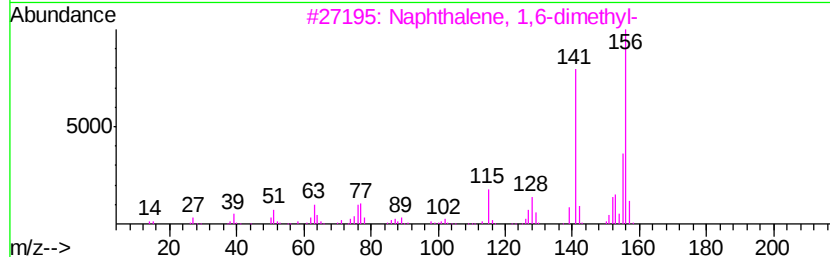
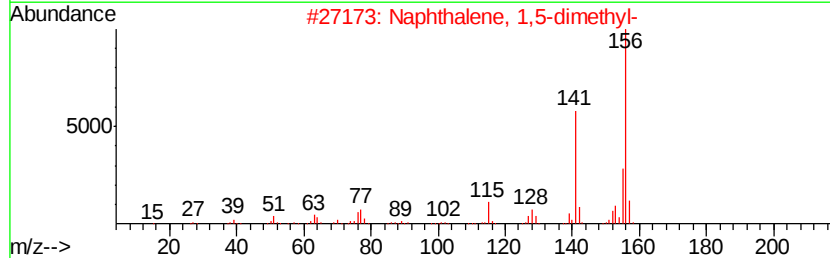
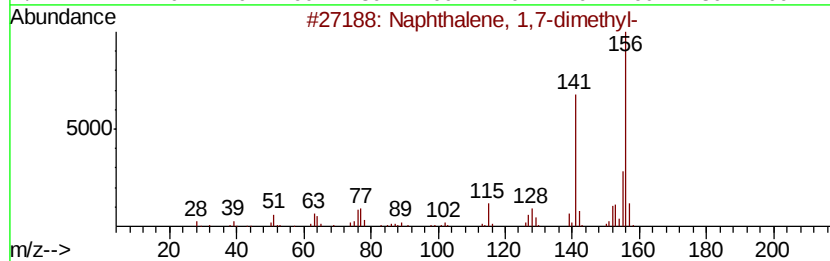
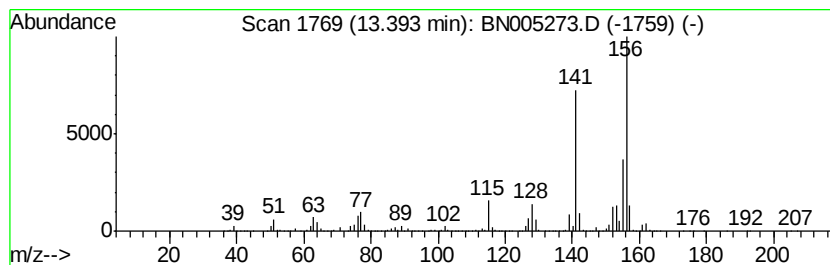
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	18.47 ng/ul	7630820	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
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Sample : K2455-03 5X
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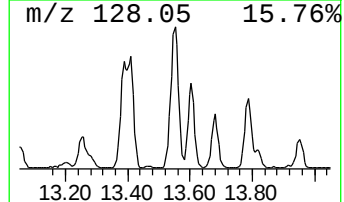
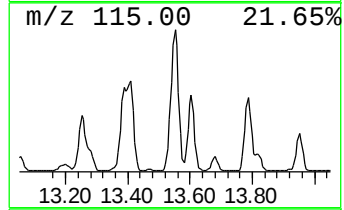
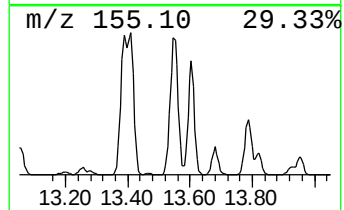
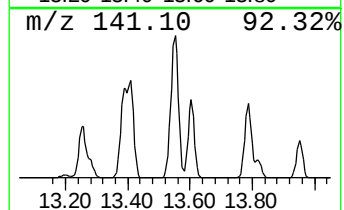
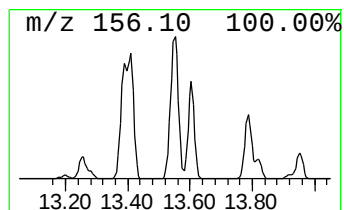
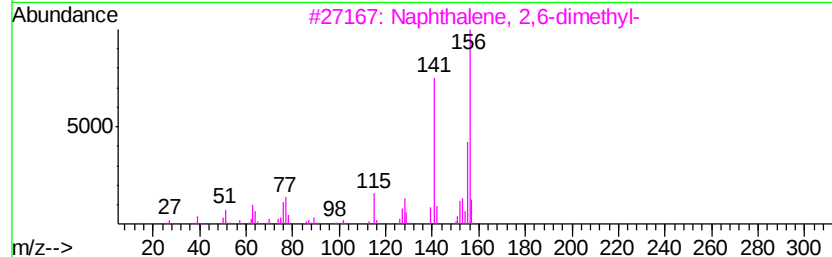
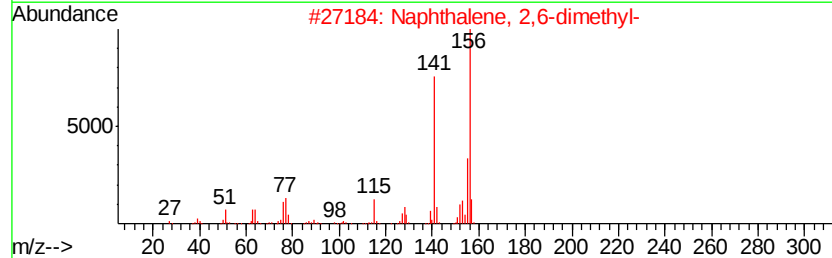
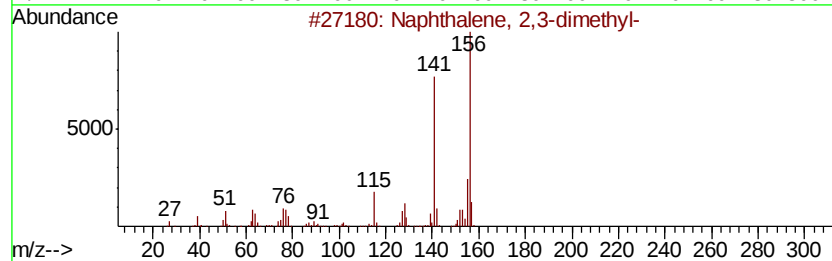
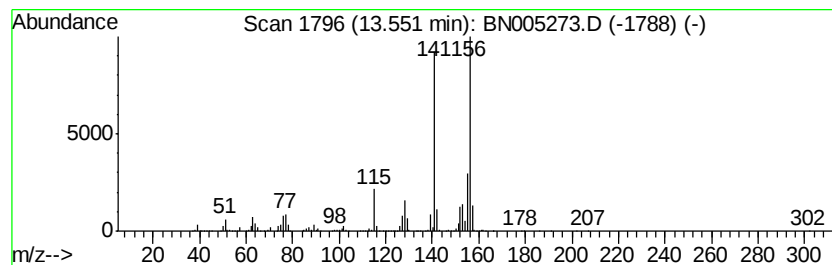
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	26.66 ng/ul	11014600	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, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
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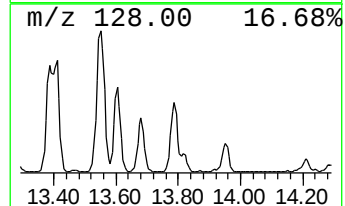
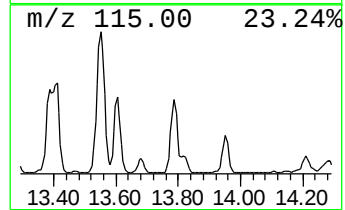
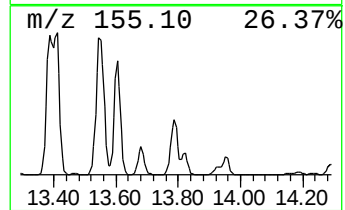
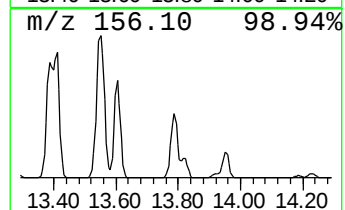
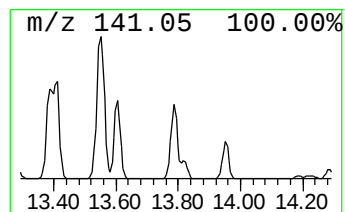
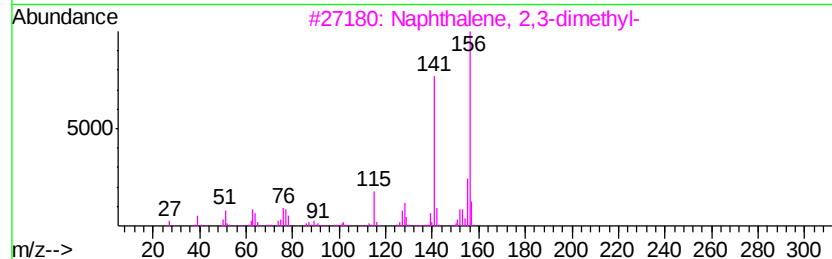
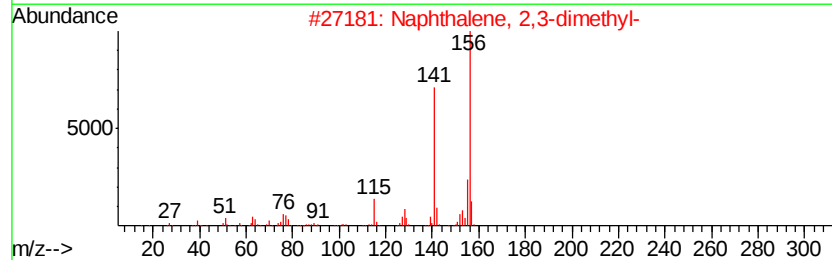
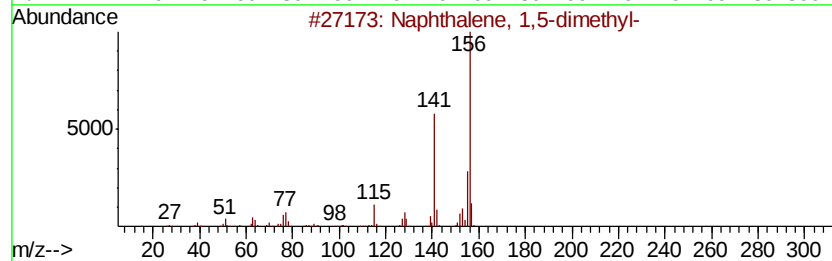
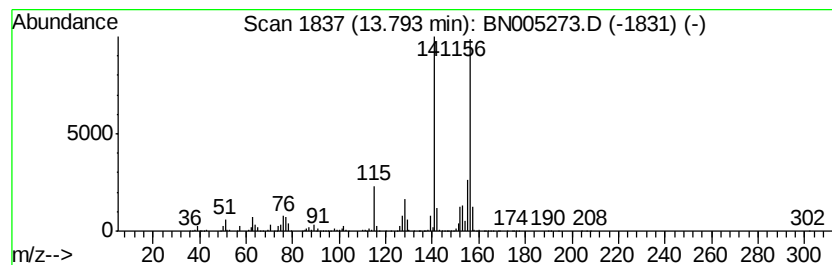
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	11.09 ng/ul	4583900	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
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Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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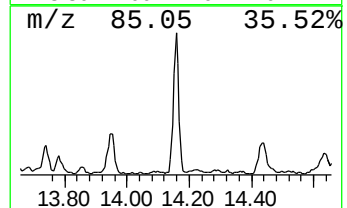
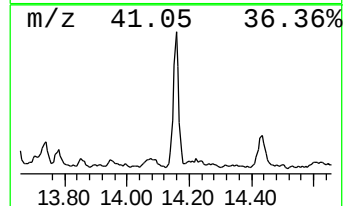
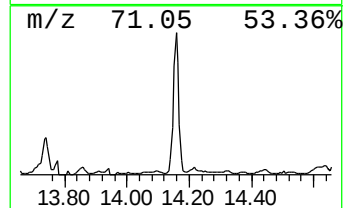
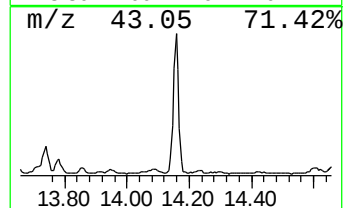
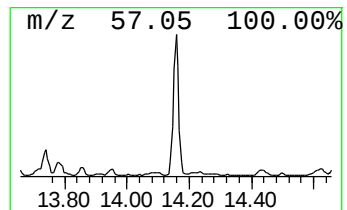
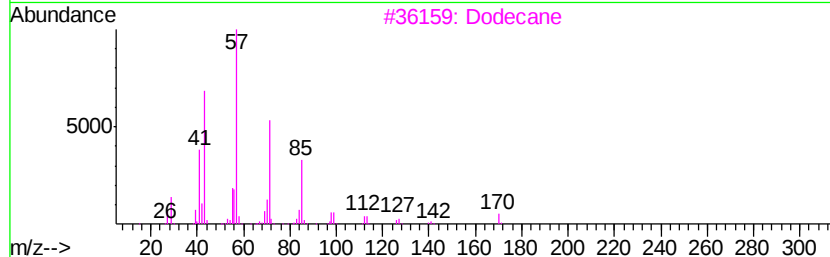
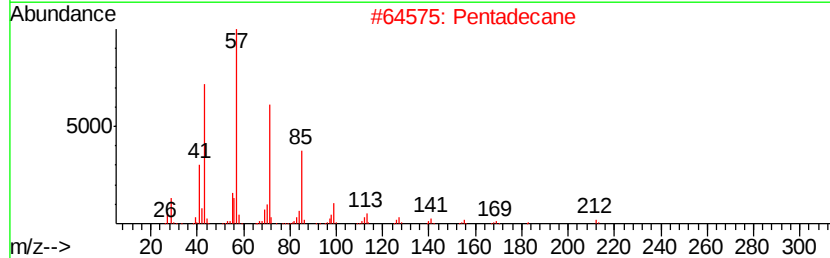
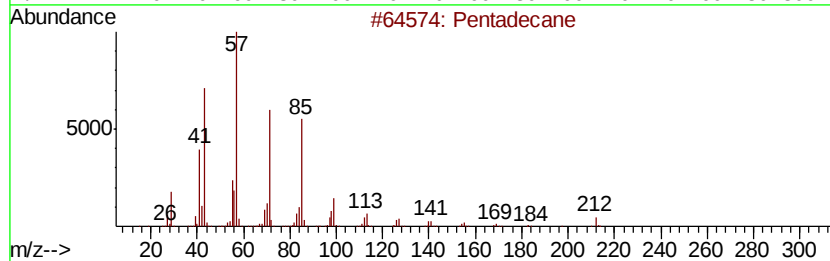
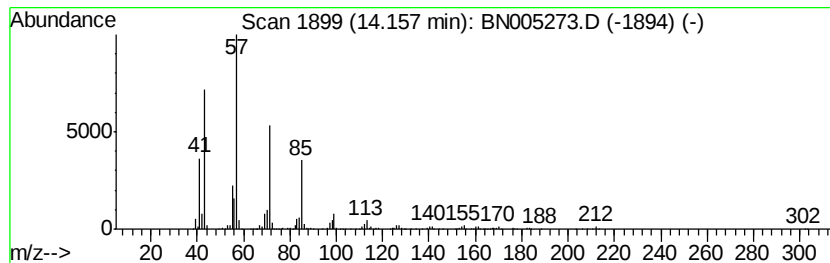
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.89 ng/ul	1193920	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			Dodecane	170	C12H26	000112-40-3	94
4			Pentadecane	212	C15H32	000629-62-9	94
5			Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ5

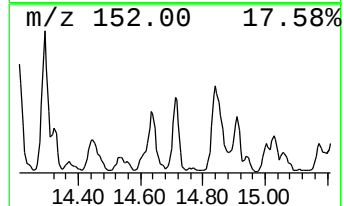
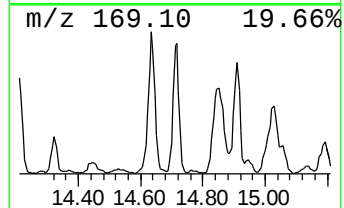
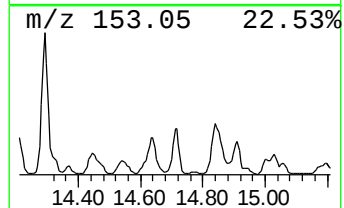
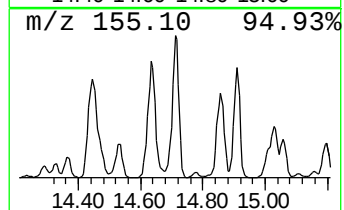
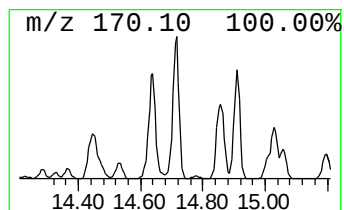
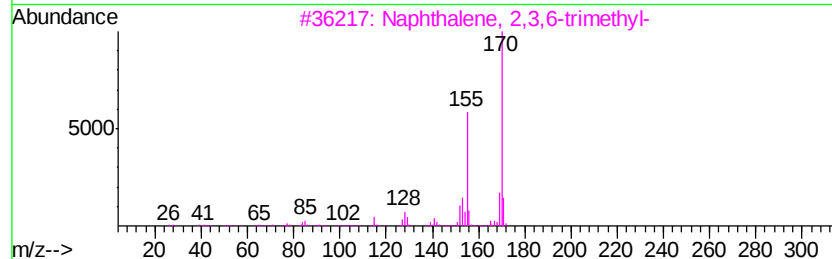
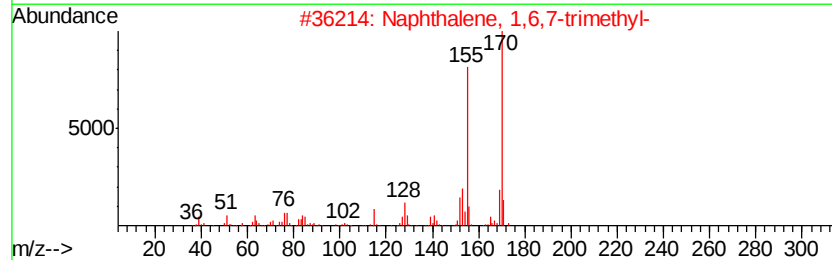
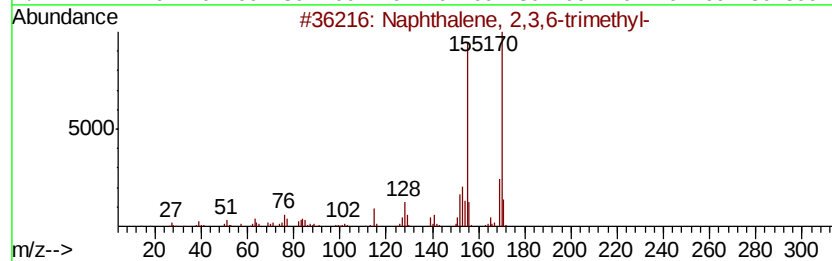
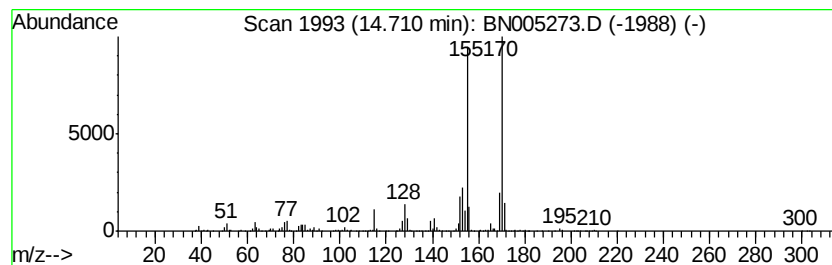
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	6.11 ng/ul	2523520	Acenaphthene-d10	14.23

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

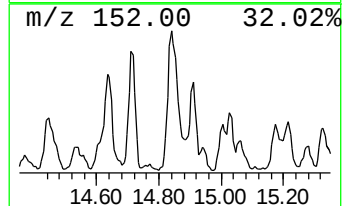
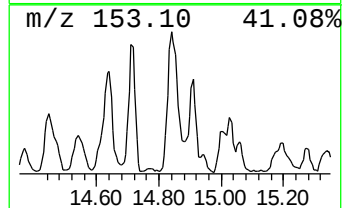
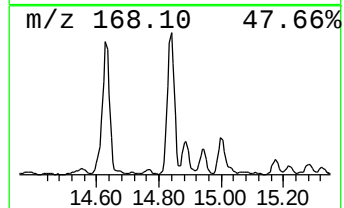
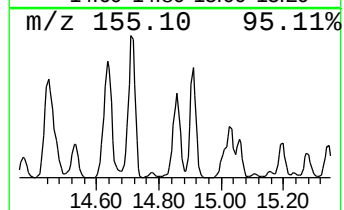
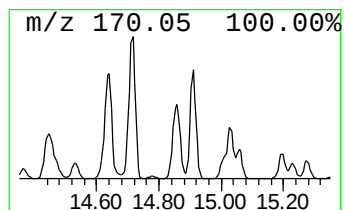
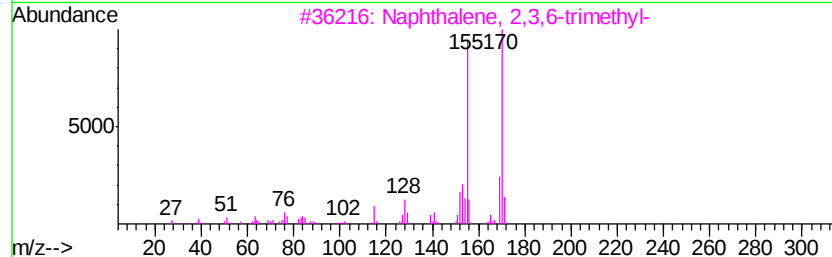
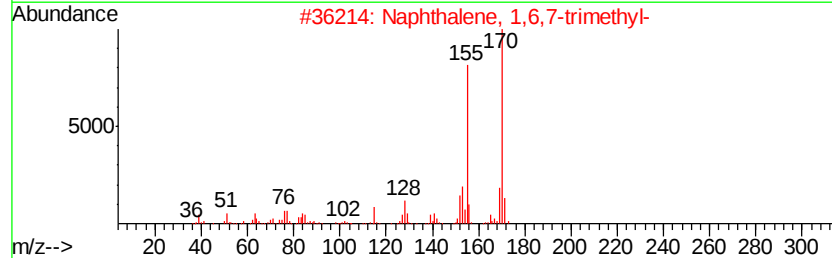
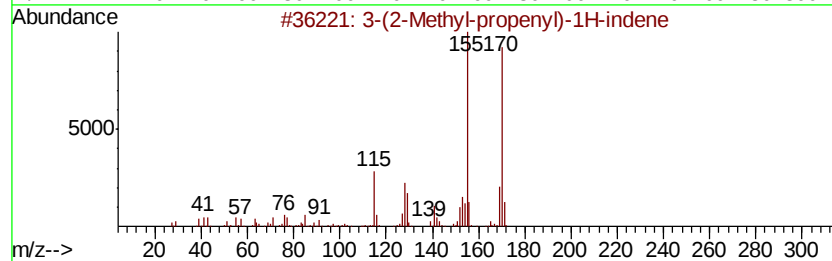
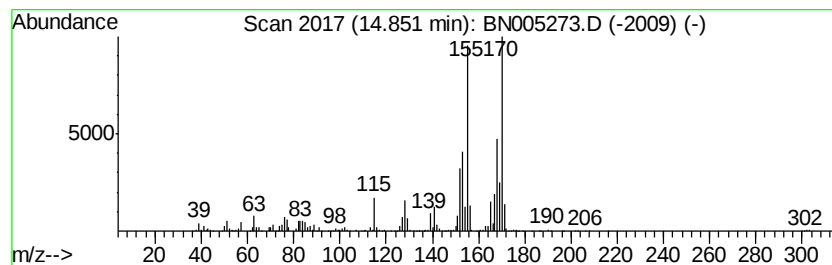
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	8.27 ng/ul	3415980	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 62
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 50
3		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 50
4		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 50
5		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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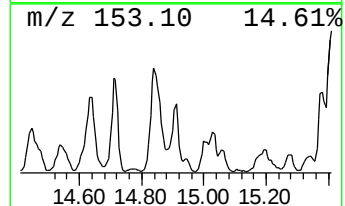
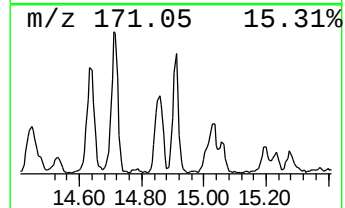
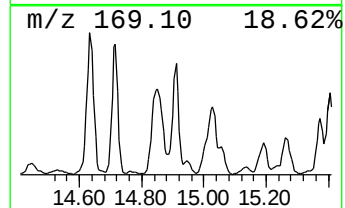
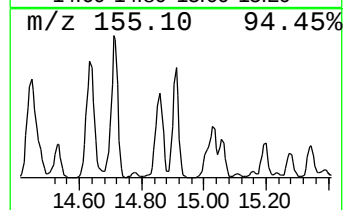
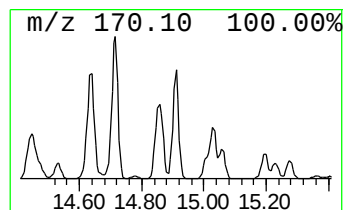
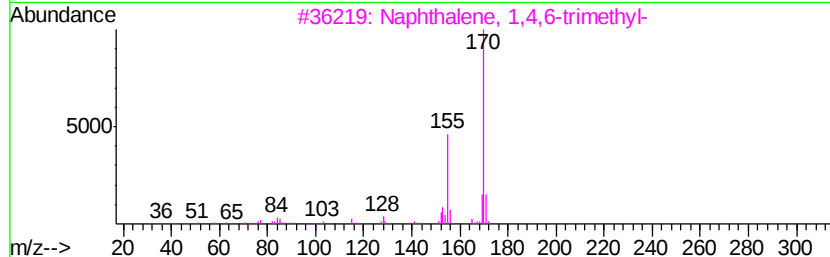
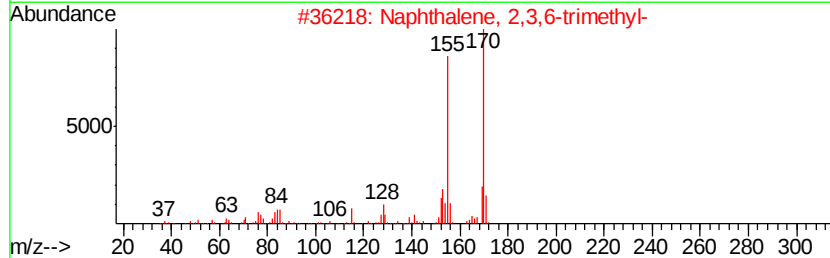
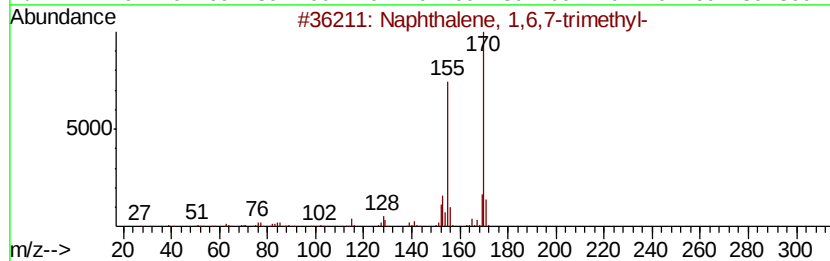
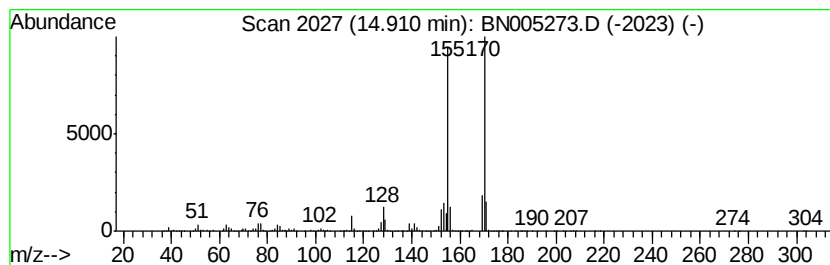
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.78 ng/ul	1560940	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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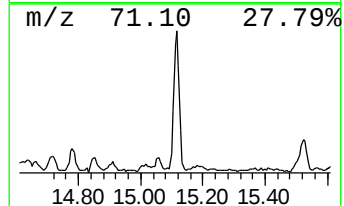
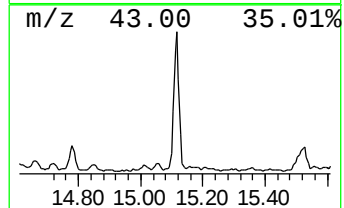
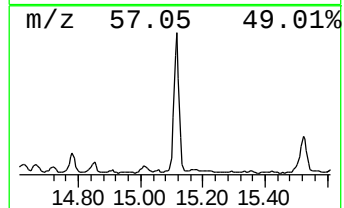
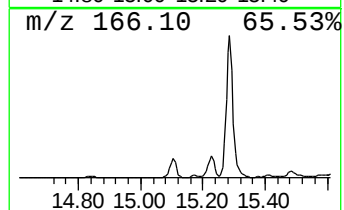
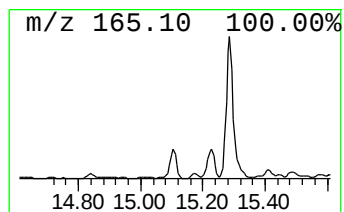
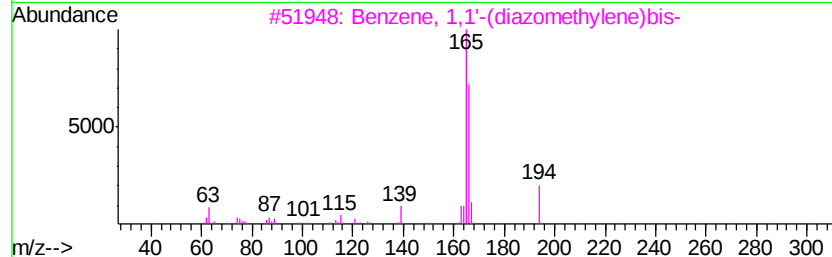
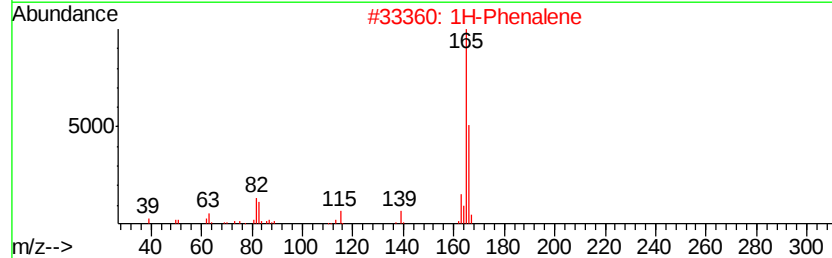
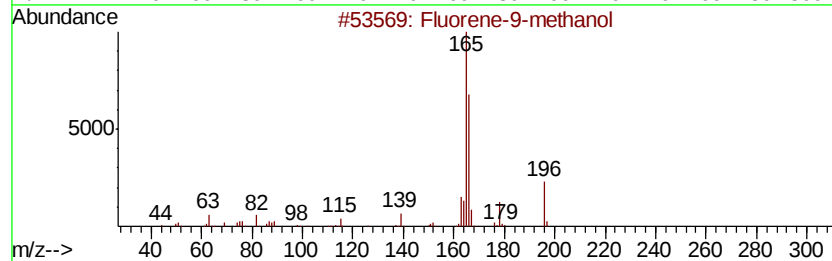
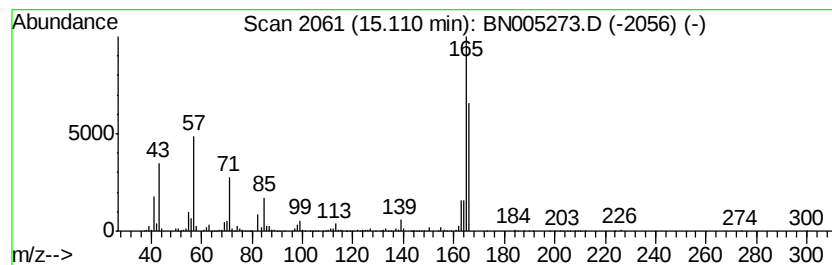
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Fluorene-9-methanol Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	4.76 ng/ul	1964950	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluorene-9-methanol	196	C14H12O	024324-17-2	53
2			1H-Phenylene	166	C13H10	000203-80-5	53
3			Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	45
4			Fluorene-9-methanol	196	C14H12O	024324-17-2	45
5			Fluorene	166	C13H10	000086-73-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ5

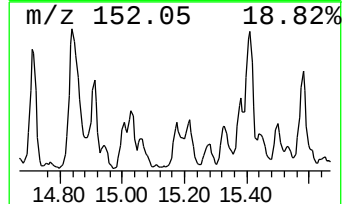
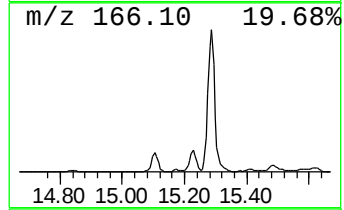
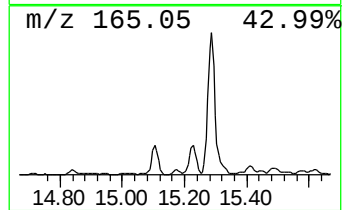
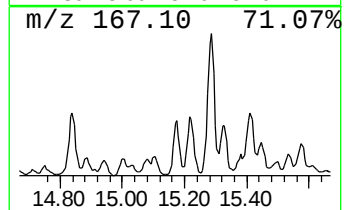
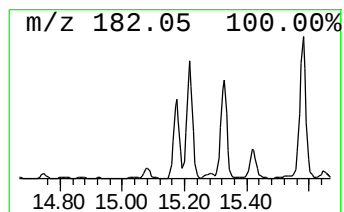
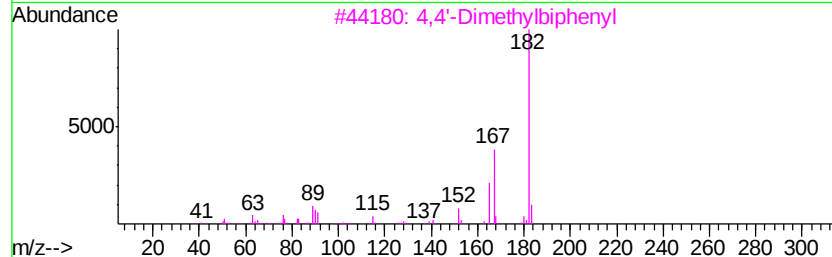
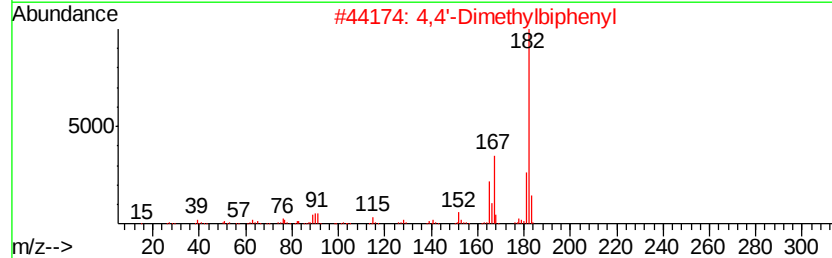
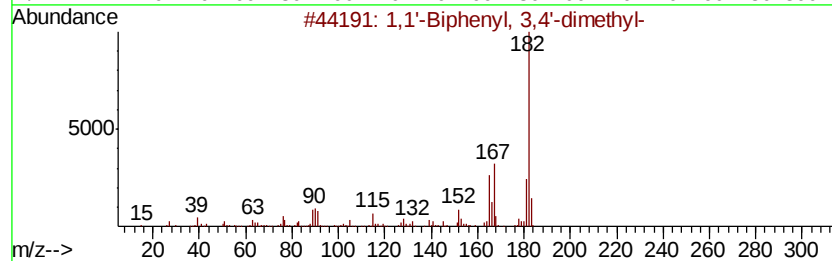
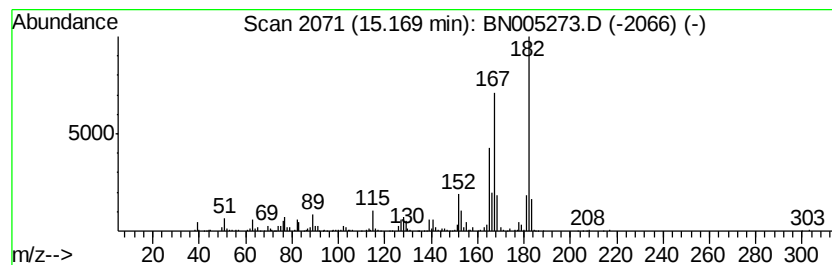
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.60 ng/ul	1075540	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	91
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
3			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	87
4			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	87
5			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
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Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

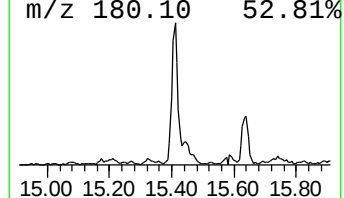
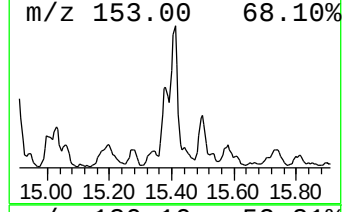
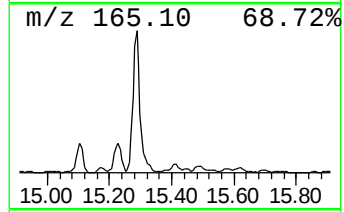
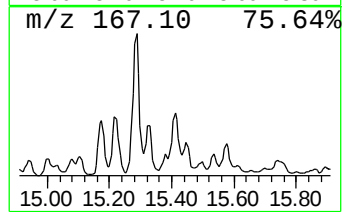
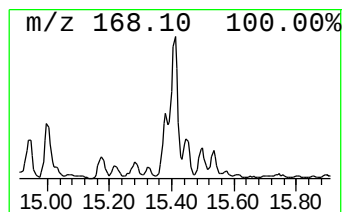
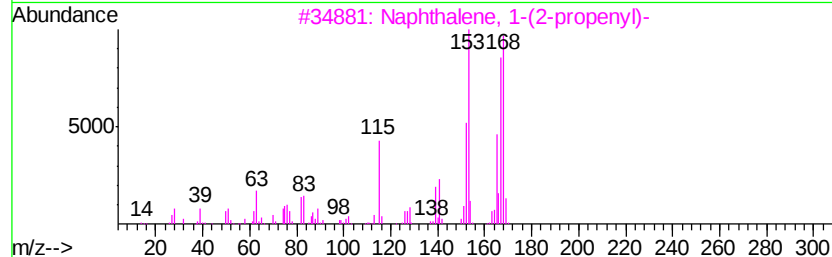
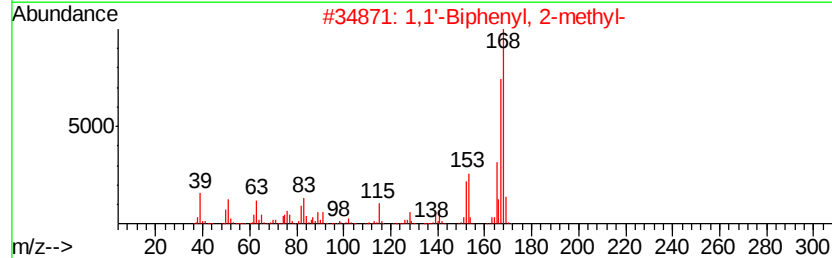
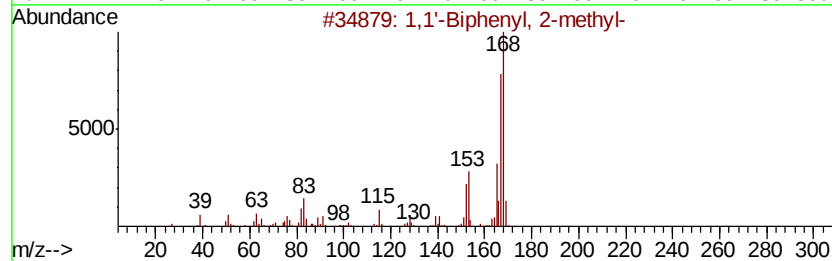
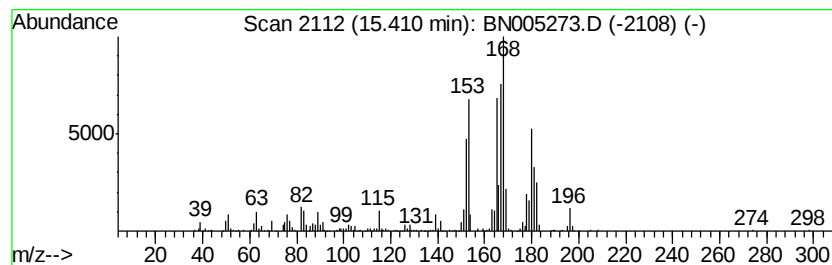
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2-methyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	2.59 ng/ul	1070710	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3	60
2	1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3	53
3	Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3	46
4	1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6	46
5	1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

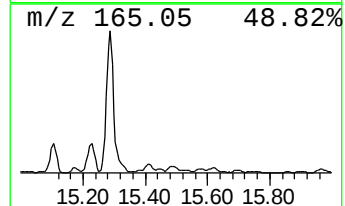
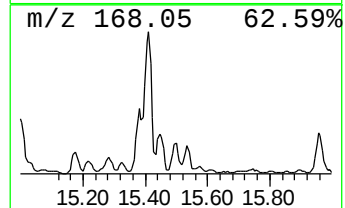
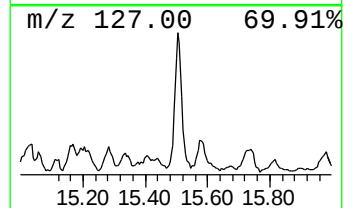
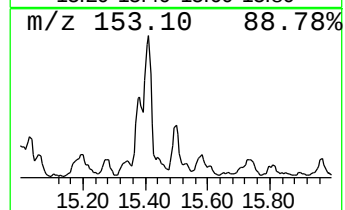
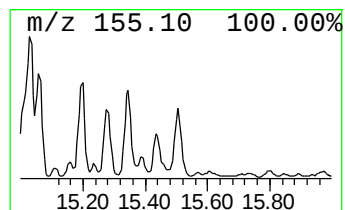
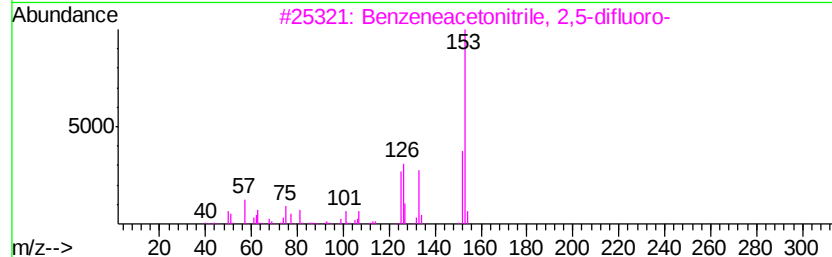
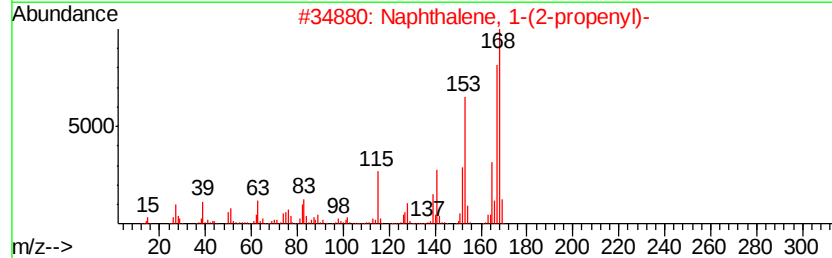
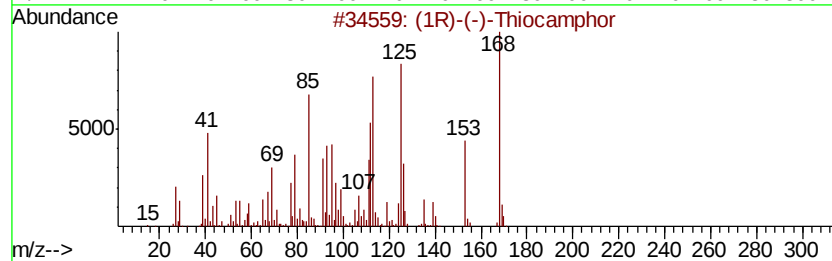
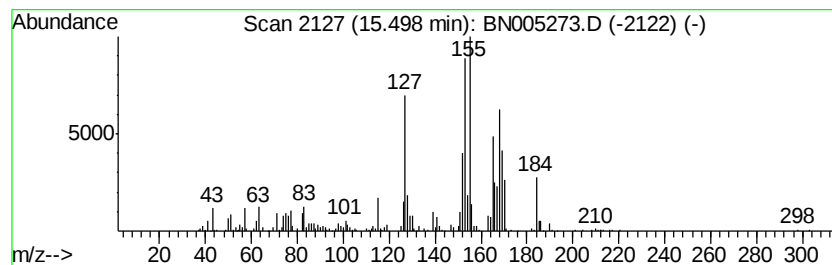
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-01 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.25 ng/ul	1344780	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	(1R)-(-)-Thiocamphor	168 C10H16S	053402-10-1	38
2	Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3	27
3	Benzeneacetonitrile, 2,5-difluoro-	153 C8H5F2N	069584-87-8	18
4	Naphthalene, 2-methyl-1-propyl-	184 C14H16	054774-89-9	18
5	1'-Acetonaphthone	170 C12H10O	000941-98-0	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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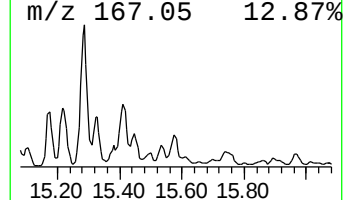
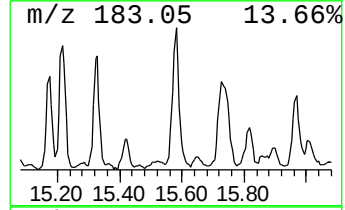
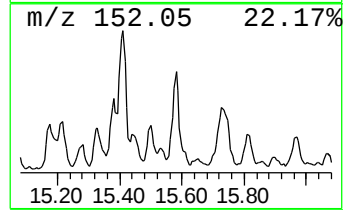
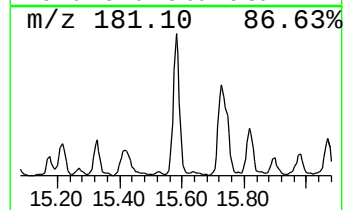
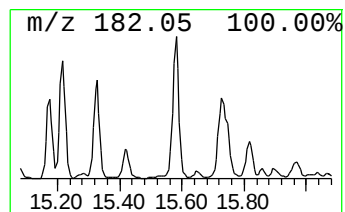
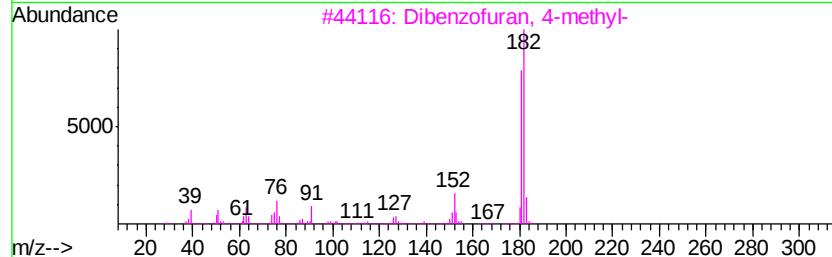
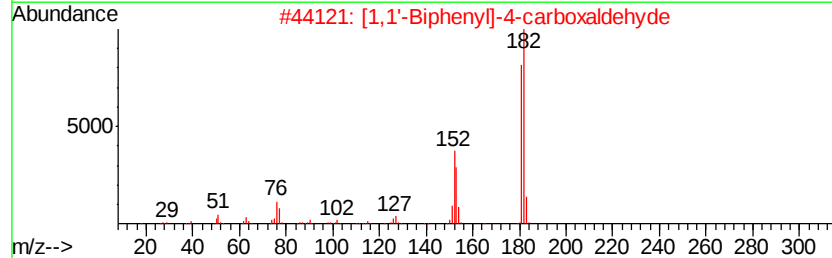
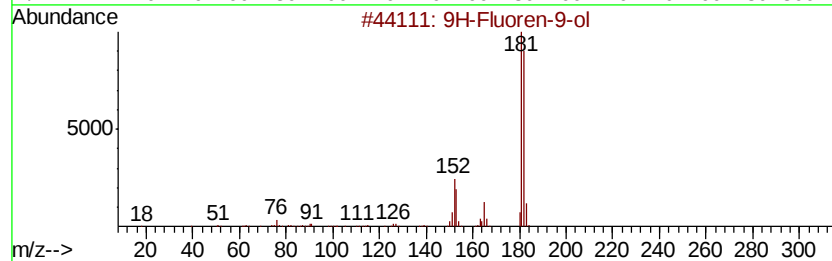
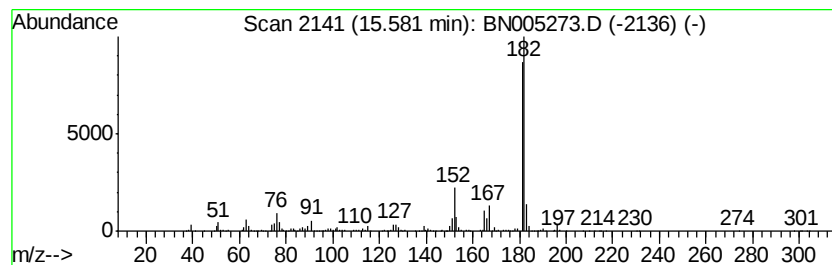
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 9H-Fluoren-9-ol Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	4.77 ng/ul	1969450	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		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
4		Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	59
5		2-Fluorenamine	181	C13H11N	000153-78-6	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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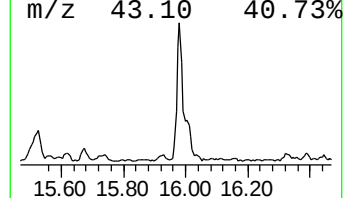
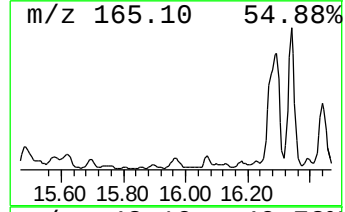
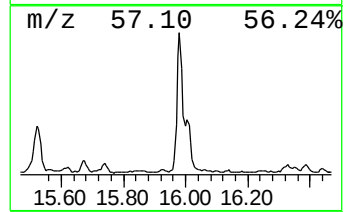
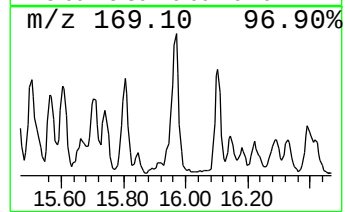
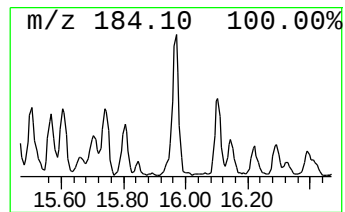
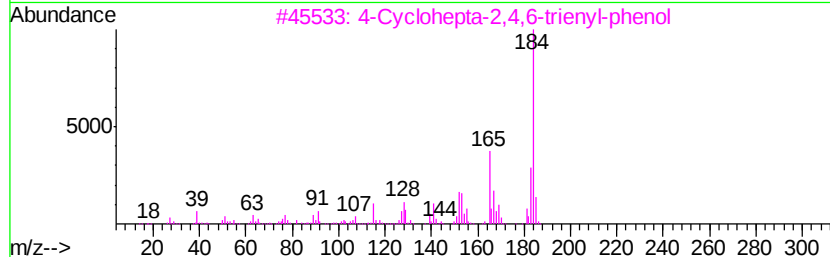
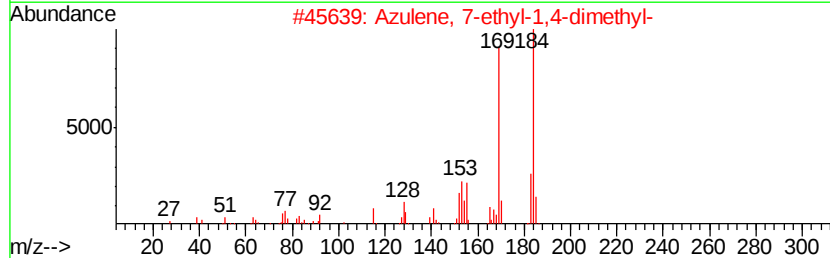
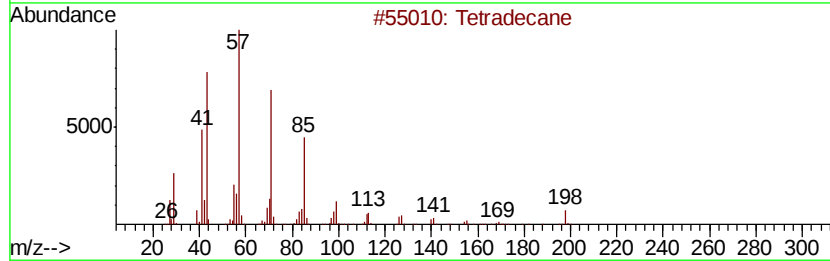
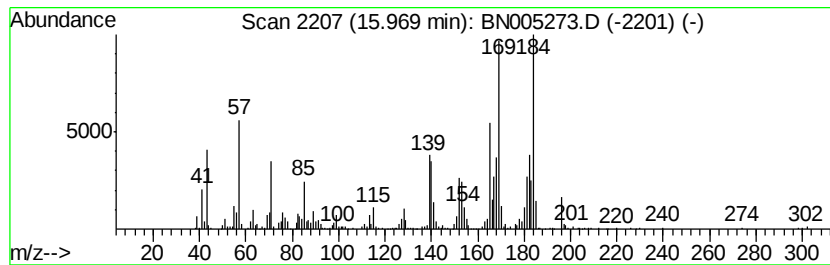
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	4.62 ng/ul	1671050	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	46
2			Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	42
3			4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	38
4			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	38
5			1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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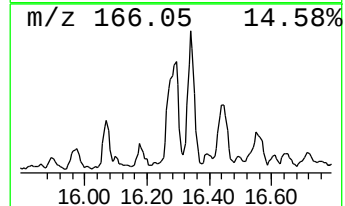
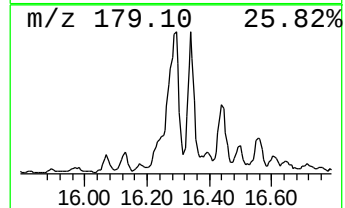
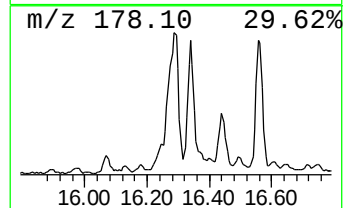
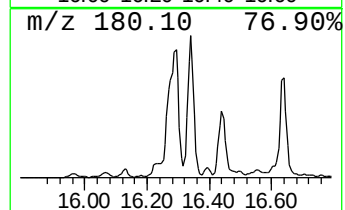
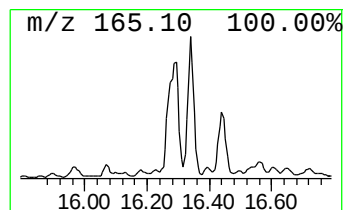
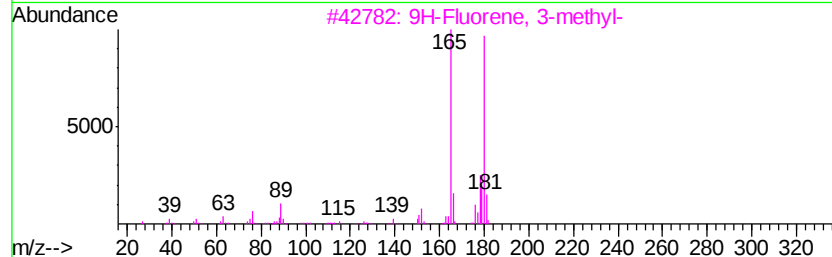
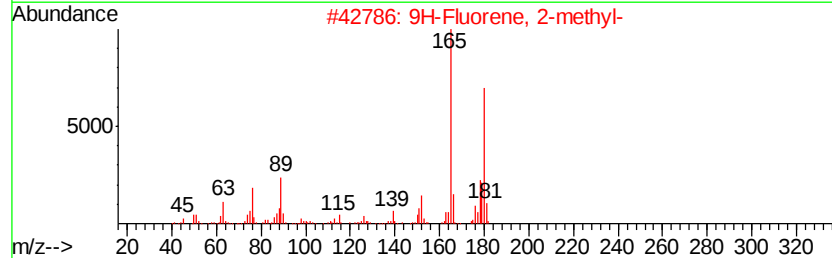
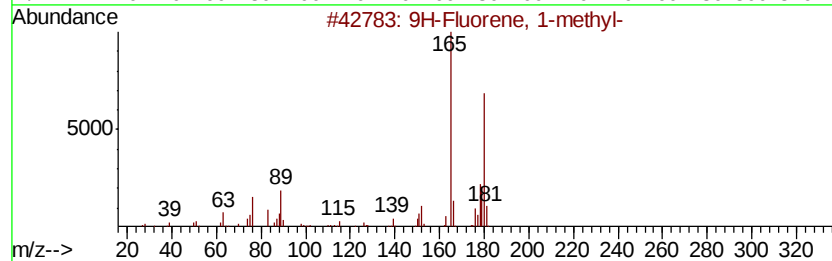
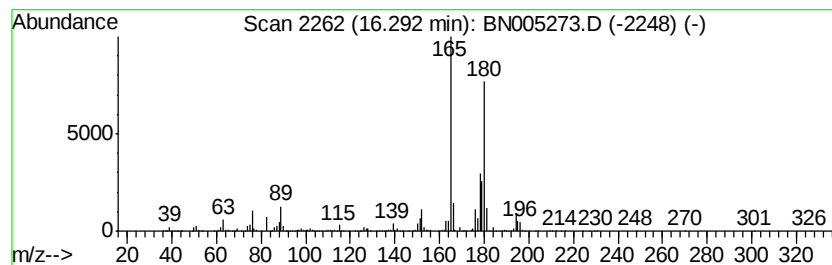
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	12.30 ng/ul	4446130	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, 3-methyl-	180	C14H12	002523-39-9	95
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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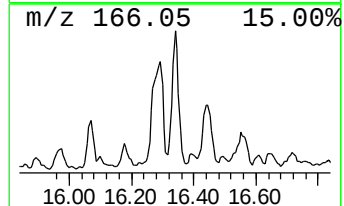
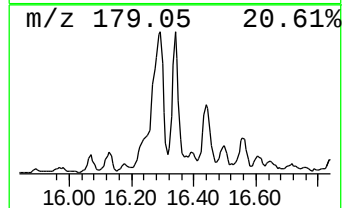
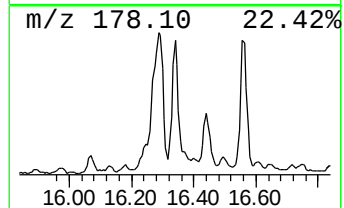
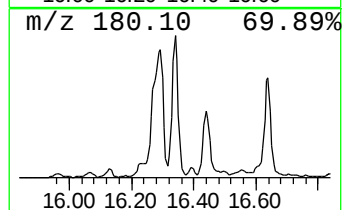
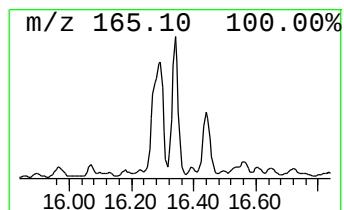
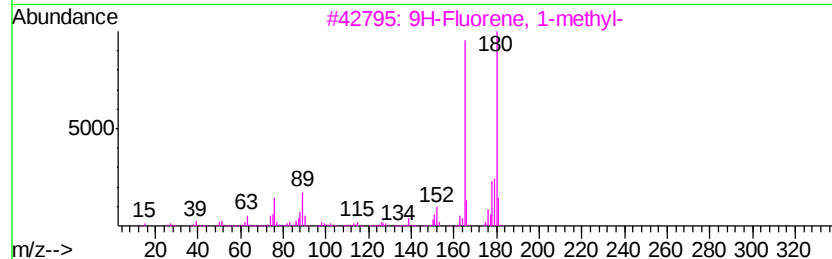
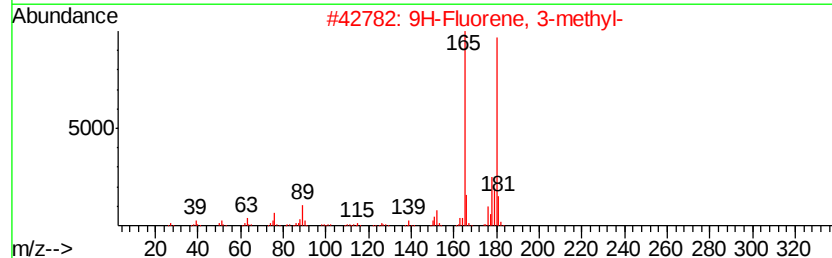
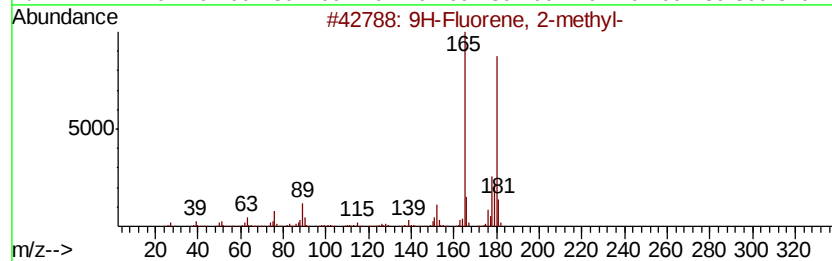
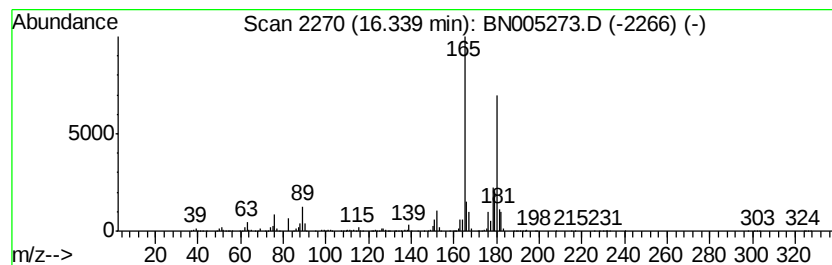
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	7.54 ng/ul	2723520	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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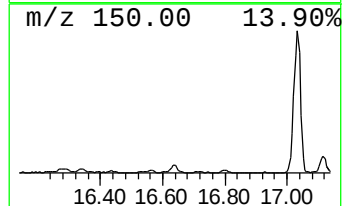
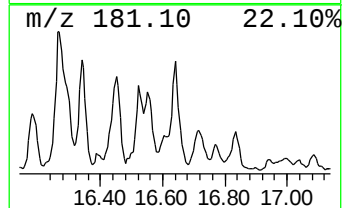
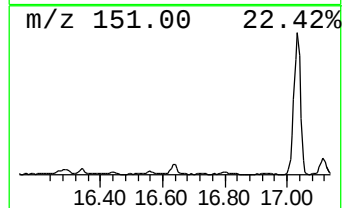
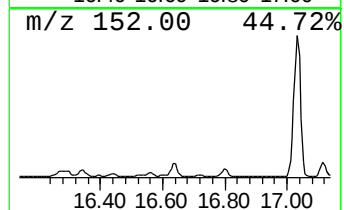
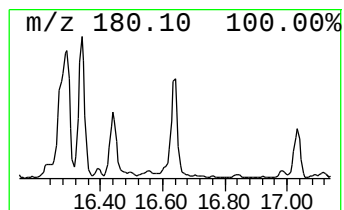
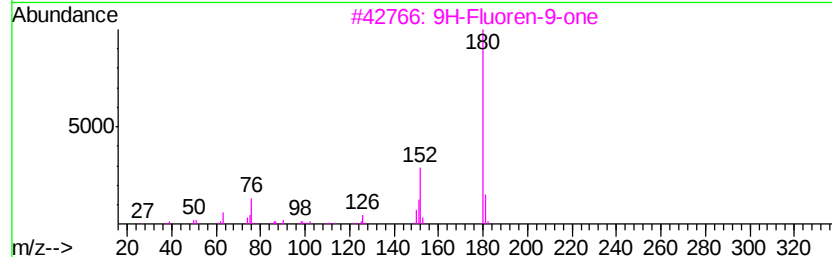
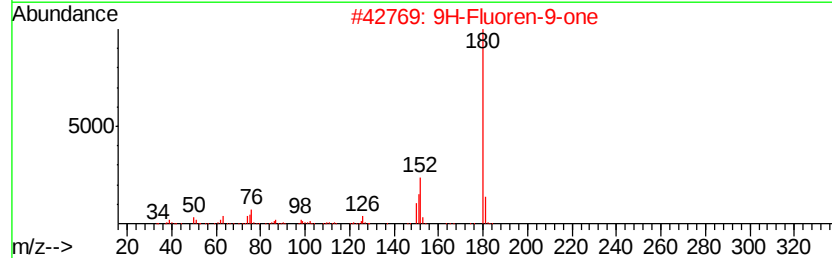
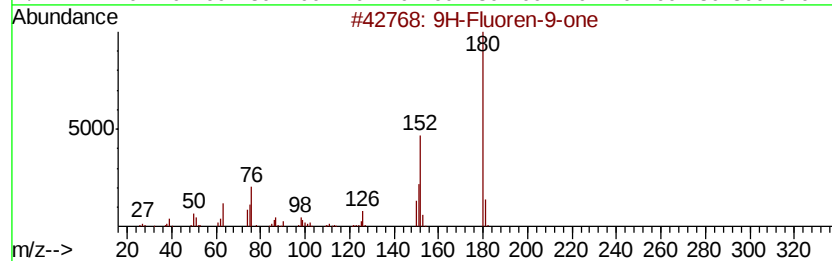
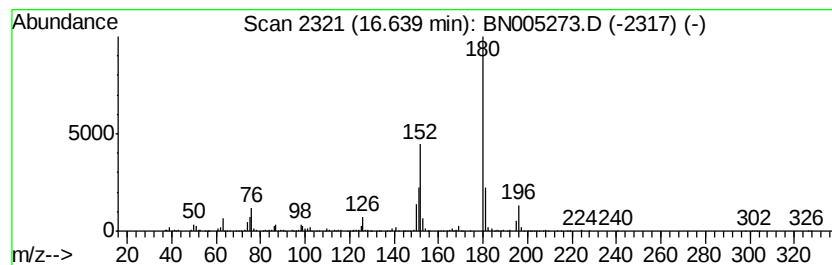
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 9H-Fluoren-9-one Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	3.94 ng/ul	1425740	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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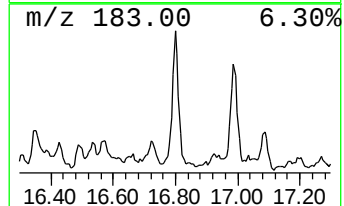
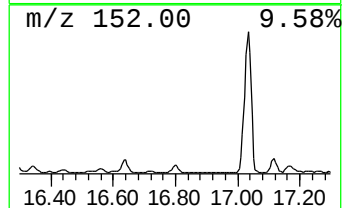
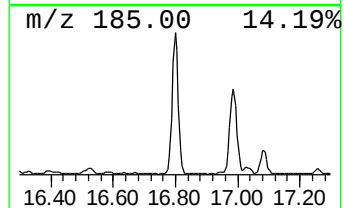
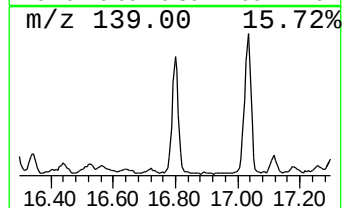
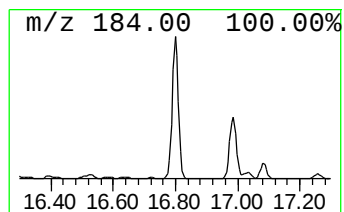
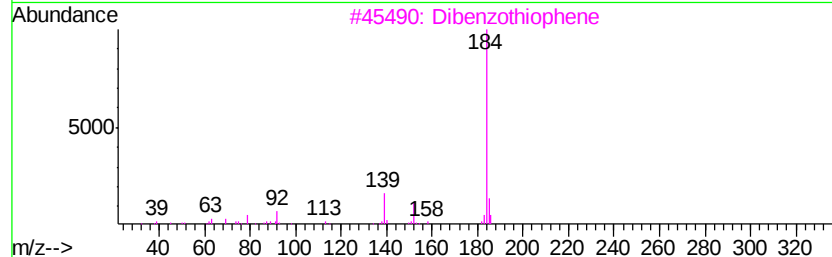
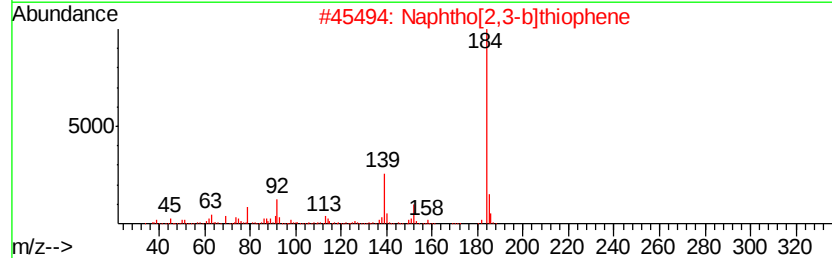
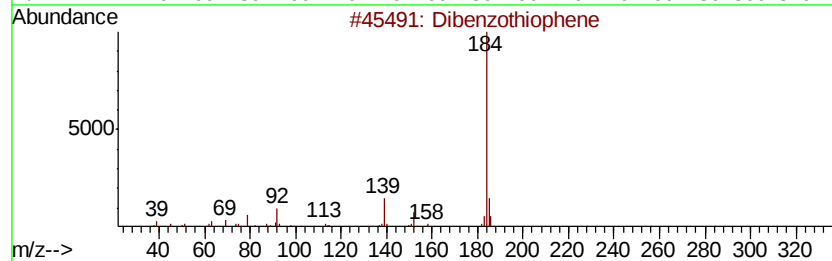
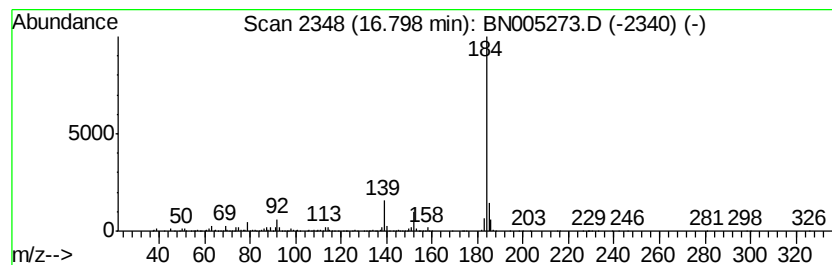
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Dibenzothiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	6.34 ng/ul	2290030	Phenanthrene-d10	16.99

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ5

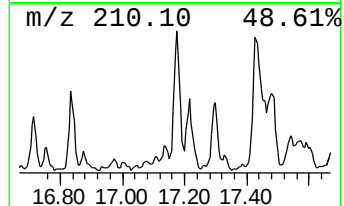
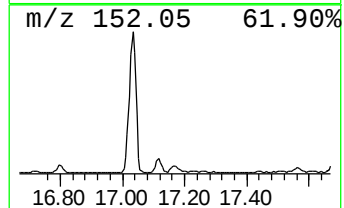
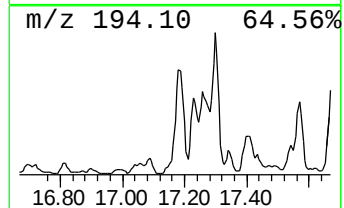
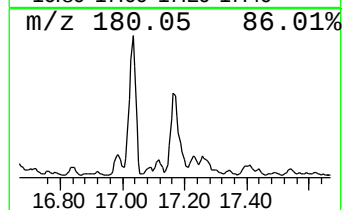
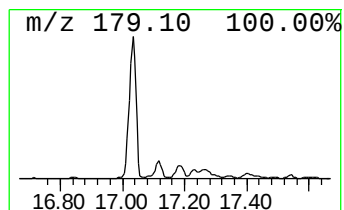
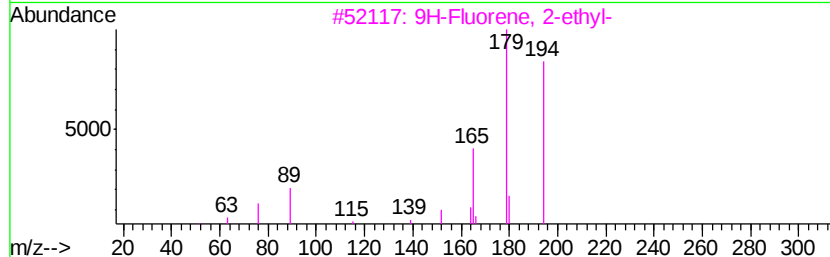
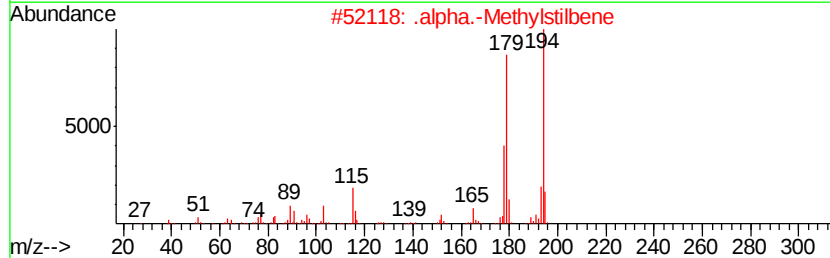
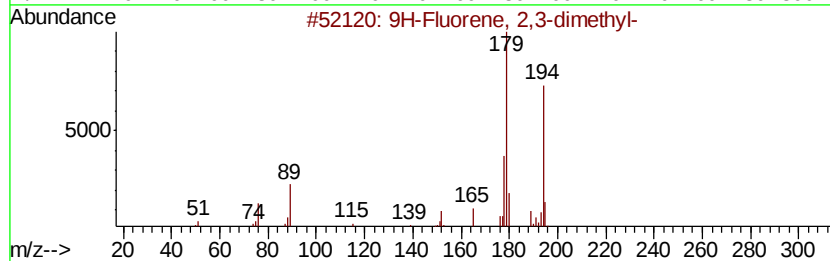
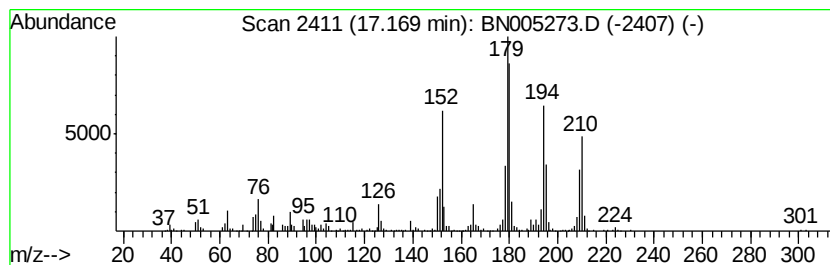
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 9H-Fluorene, 2,3-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	4.63 ng/ul	1672290	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	70
2			.alpha.-Methylstilbene	194	C15H14	000779-51-1	50
3			9H-Fluorene, 2-ethyl-	194	C15H14	001207-20-1	43
4			Benzene, 1-methyl-2-(2-phenyleth...	194	C15H14	074685-42-0	43
5			Phenanthridine	179	C13H9N	000229-87-8	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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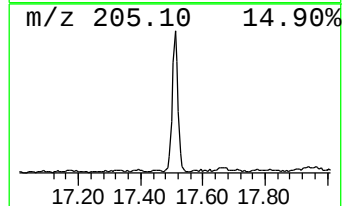
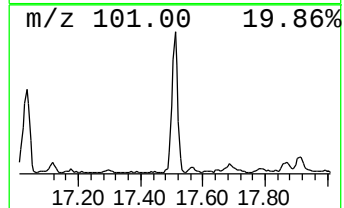
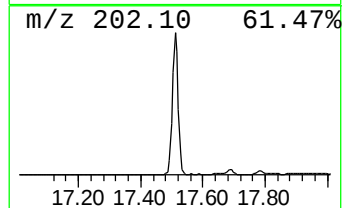
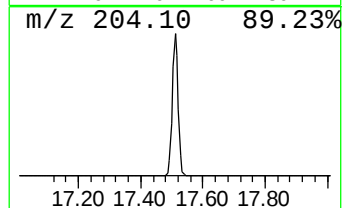
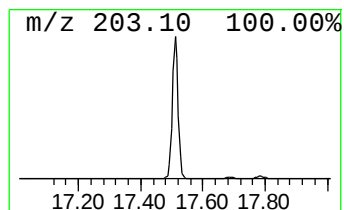
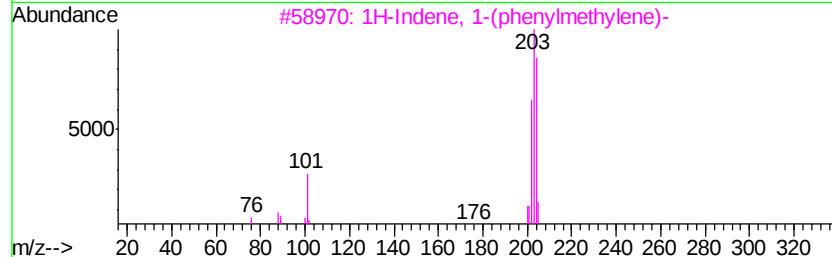
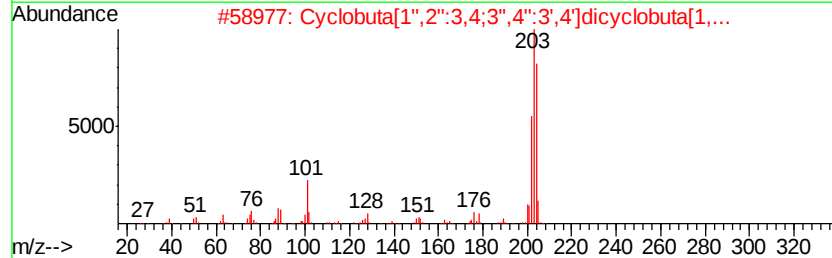
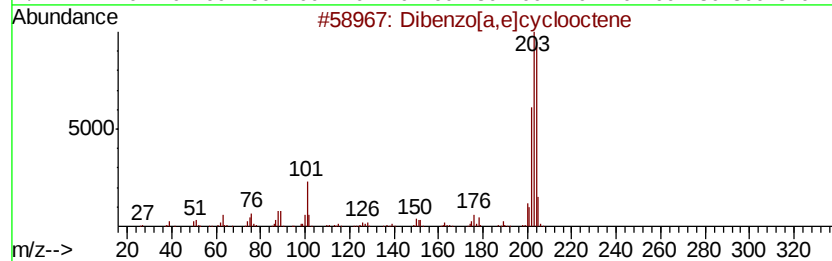
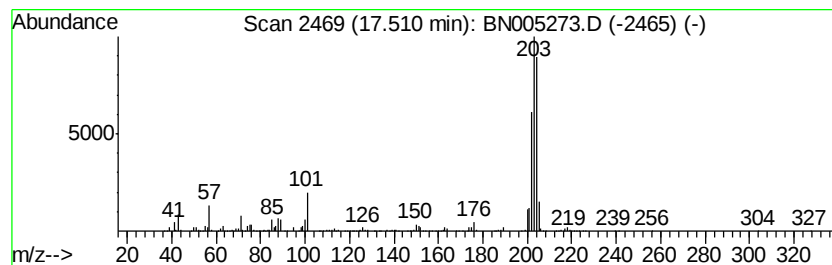
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Dibenzo[a,e]cyclooctene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	5.49 ng/ul	1984790	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	90
2			Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	76
3			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
4			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
5			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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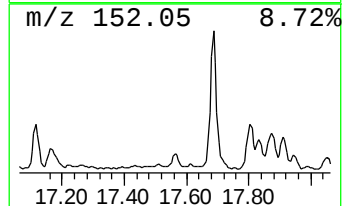
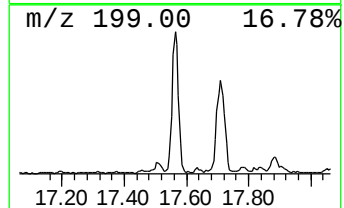
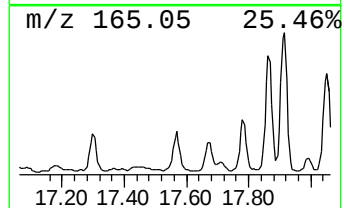
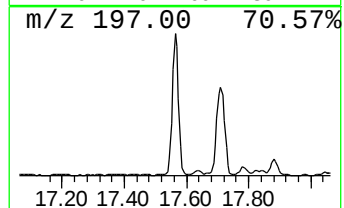
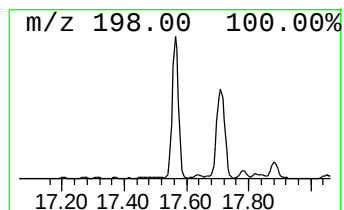
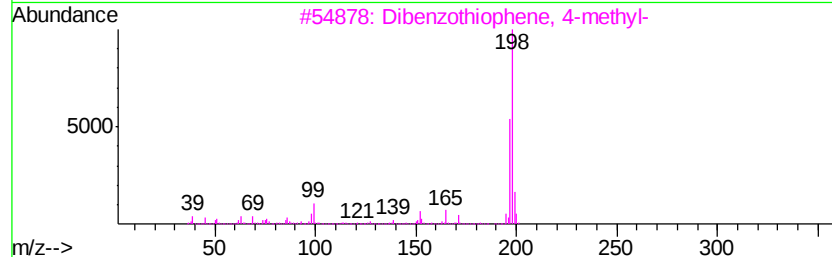
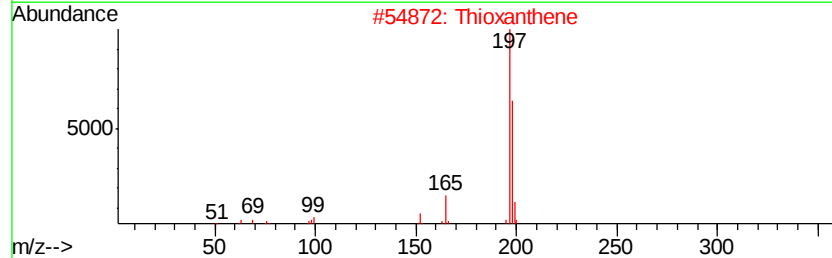
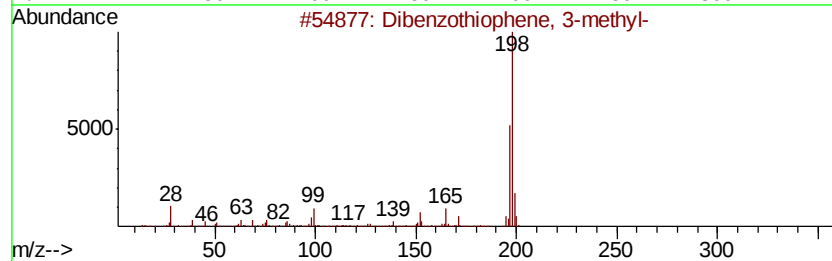
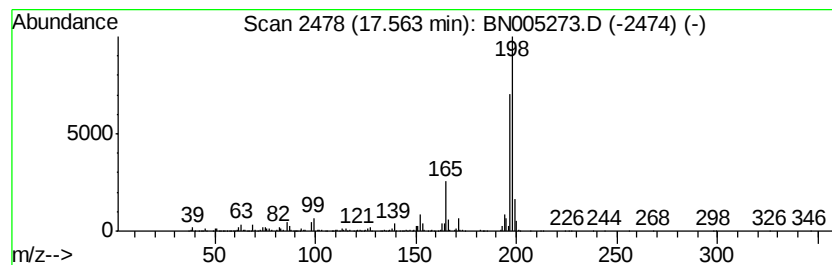
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Dibenzothiophene, 3-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	5.75 ng/ul	2078610	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
2			Thioxanthene	198	C13H10S	000261-31-4	86
3			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	83
4			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
5			9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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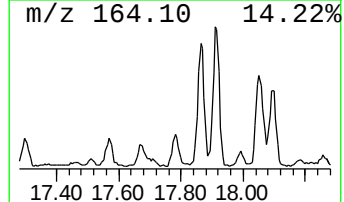
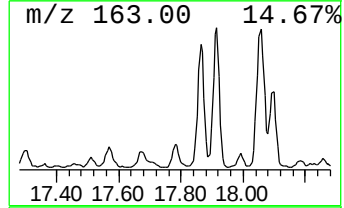
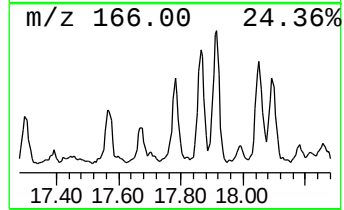
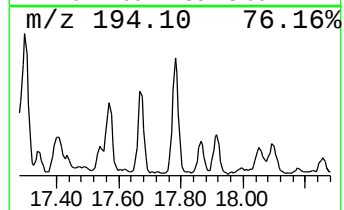
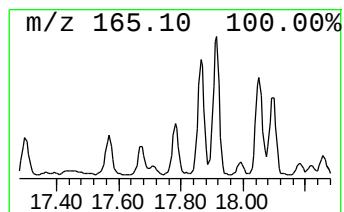
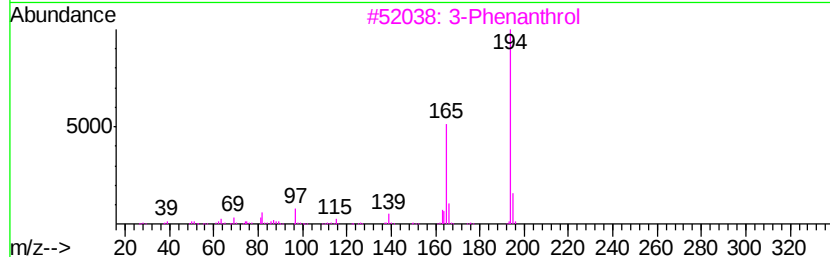
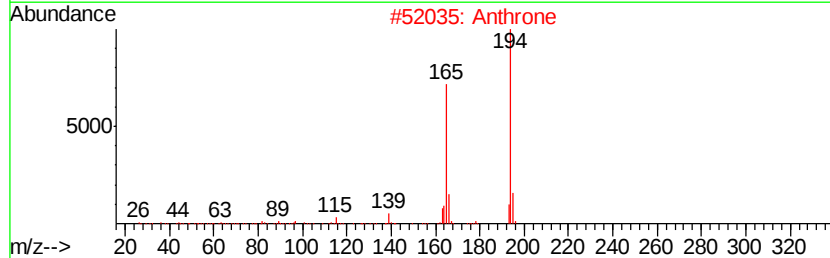
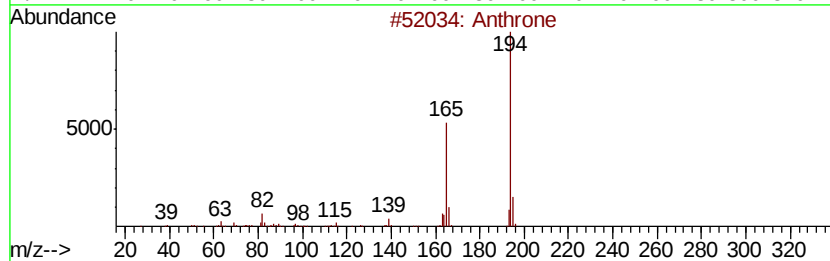
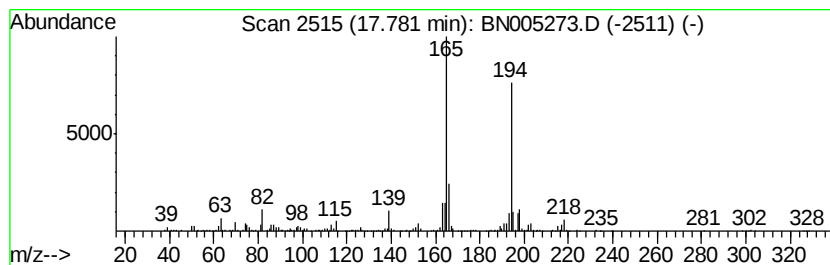
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Anthrone Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	3.44 ng/ul	1243290	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthrone	194	C14H10O	000090-44-8	90
2		Anthrone	194	C14H10O	000090-44-8	90
3		3-Phenanthrol	194	C14H10O	000605-87-8	87
4		2-Phenanthrenol	194	C14H10O	000605-55-0	81
5		Anthrone	194	C14H10O	000090-44-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

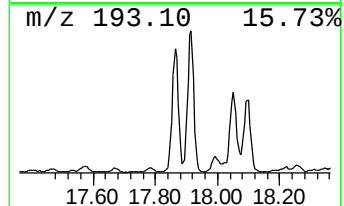
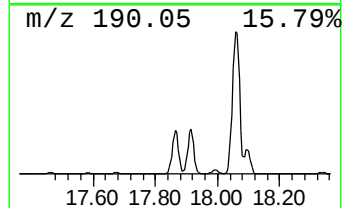
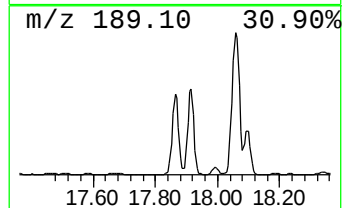
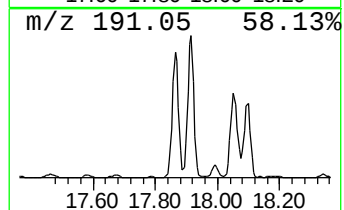
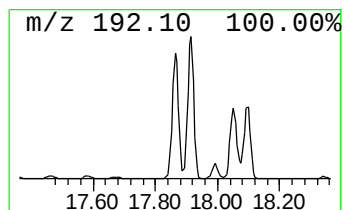
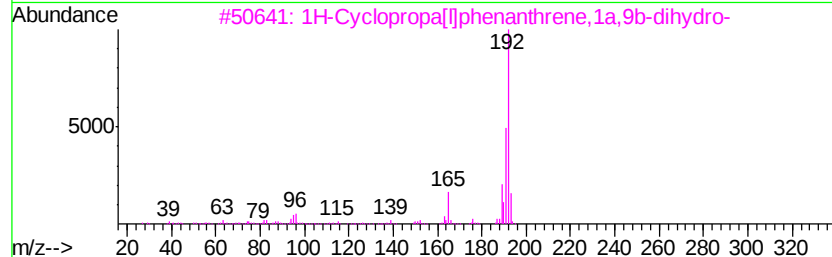
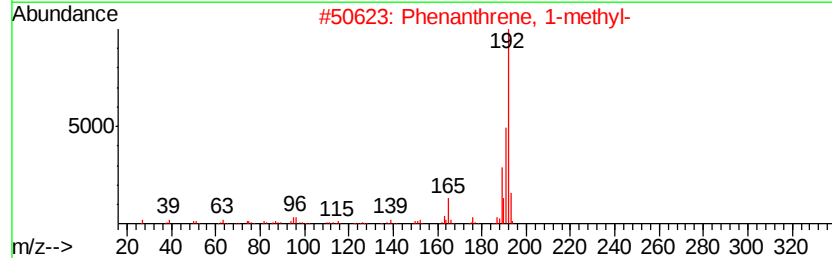
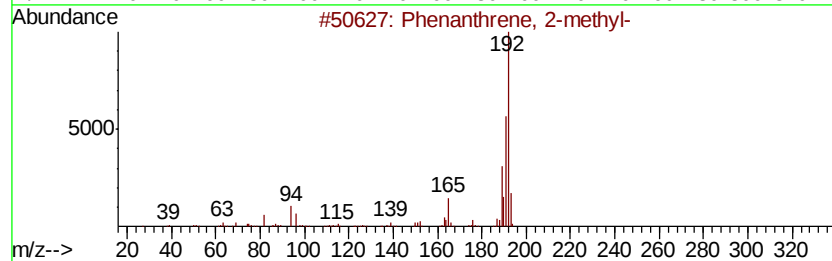
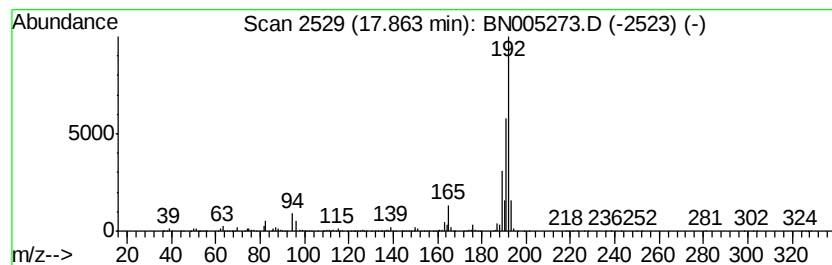
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.86	32.81 ng/ul	11857100	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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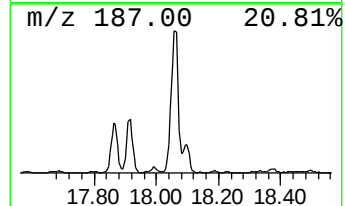
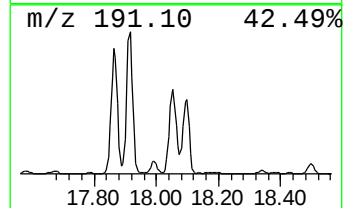
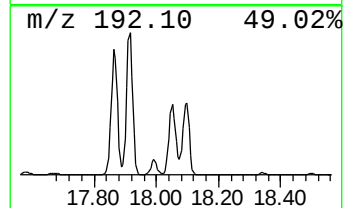
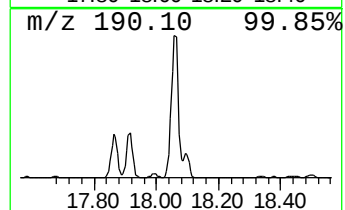
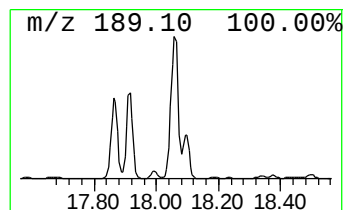
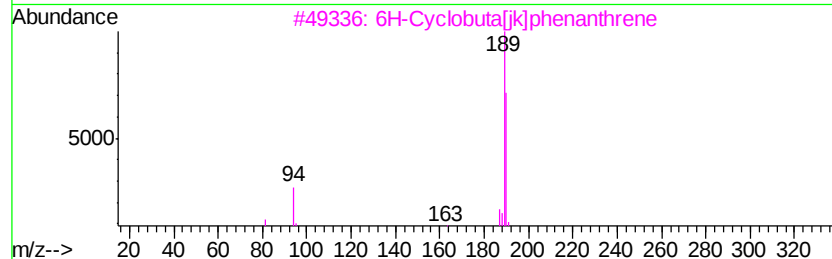
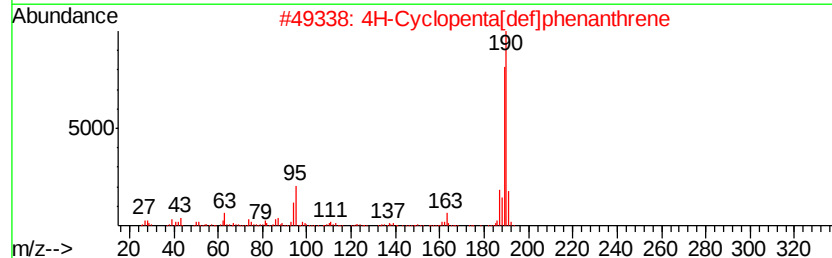
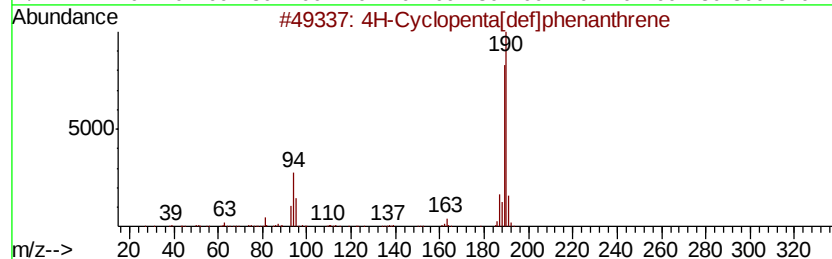
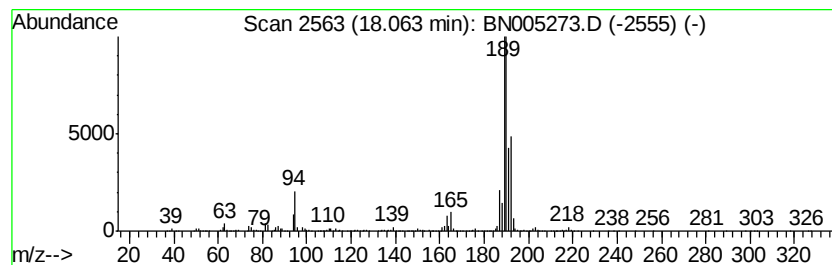
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	37.35 ng/ul	13499800	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	49
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005273.D
Acq On : 25 Apr 2019 05:08
Operator : JU/SJ
Sample : K2455-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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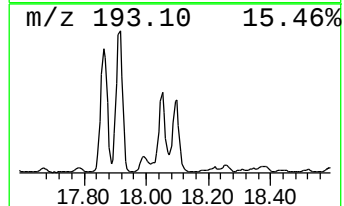
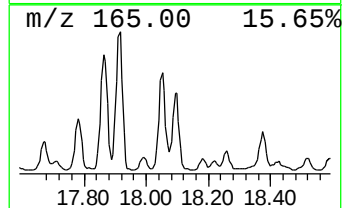
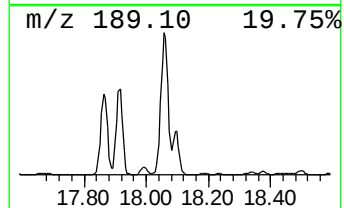
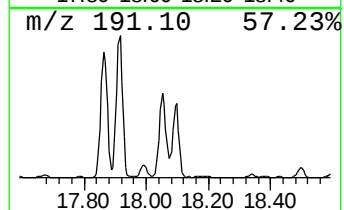
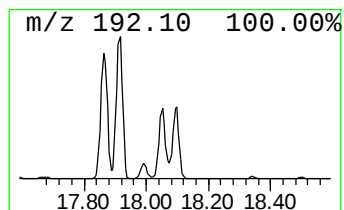
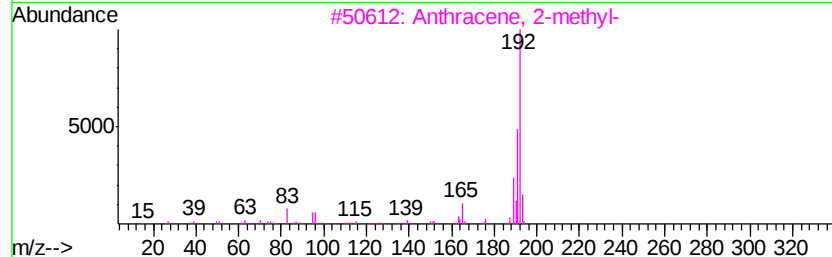
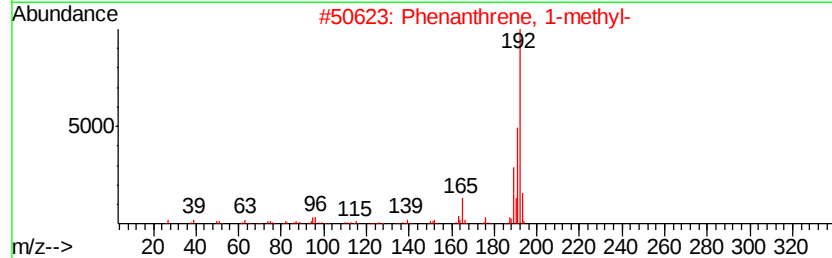
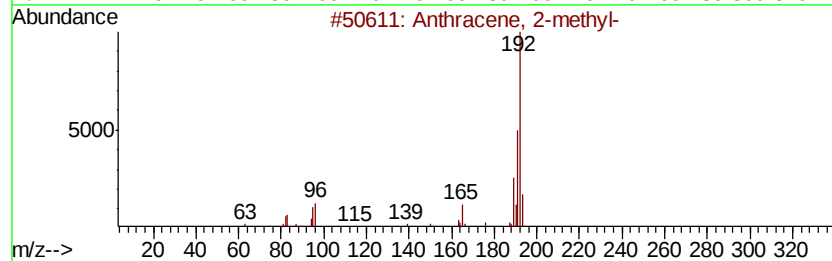
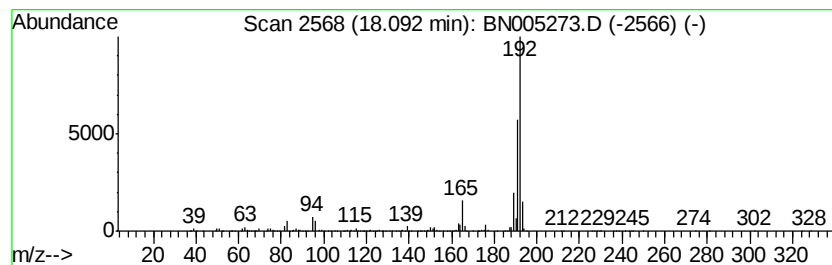
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	15.71 ng/ul	5678530	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005273.D
 Acq On : 25 Apr 2019 05:08
 Operator : JU/SJ
 Sample : K2455-03 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ5

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, 2-propenyl-	7.26	17.8	ng/ul	2447320	1	7.59	2753910	20.0
Indene	8.12	17.8	ng/ul	2444320	1	7.59	2753910	20.0
2-Methylindene	9.79	6.8	ng/ul	1697260	2	10.36	5031930	20.0
(DEL) Alkane: Str...	11.81	4.8	ng/ul	1196770	2	10.36	5031930	20.0
Naphthalene, 1-me...	12.25	85.9	ng/ul	21601500	2	10.36	5031930	20.0
Naphthalene, 1-et...	13.25	8.0	ng/ul	3303110	3	14.23	8263110	20.0
Naphthalene, 1,7-...	13.39	18.5	ng/ul	7630820	3	14.23	8263110	20.0
Naphthalene, 2,3-...	13.55	26.7	ng/ul	11014600	3	14.23	8263110	20.0
Naphthalene, 1,5-...	13.79	11.1	ng/ul	4583900	3	14.23	8263110	20.0
(DEL) Alkane: Str...	14.16	2.9	ng/ul	1193920	3	14.23	8263110	20.0
Naphthalene, 2,3,...	14.71	6.1	ng/ul	2523520	3	14.23	8263110	20.0
3-(2-Methyl-prope...	14.85	8.3	ng/ul	3415980	3	14.23	8263110	20.0
Naphthalene, 1,6,...	14.91	3.8	ng/ul	1560940	3	14.23	8263110	20.0
Fluorene-9-methanol	15.11	4.8	ng/ul	1964950	3	14.23	8263110	20.0
1,1'-Biphenyl, 3,...	15.17	2.6	ng/ul	1075540	3	14.23	8263110	20.0
1,1'-Biphenyl, 2-...	15.41	2.6	ng/ul	1070710	3	14.23	8263110	20.0
unknown-01	15.50	3.3	ng/ul	1344780	3	14.23	8263110	20.0
9H-Fluoren-9-ol	15.58	4.8	ng/ul	1969450	3	14.23	8263110	20.0
(DEL) Alkane: Str...	15.97	4.6	ng/ul	1671050	4	16.99	7228730	20.0
9H-Fluorene, 1-me...	16.29	12.3	ng/ul	4446130	4	16.99	7228730	20.0
9H-Fluorene, 2-me...	16.34	7.5	ng/ul	2723520	4	16.99	7228730	20.0
9H-Fluoren-9-one	16.64	3.9	ng/ul	1425740	4	16.99	7228730	20.0
Dibenzothiophene	16.80	6.3	ng/ul	2290030	4	16.99	7228730	20.0
9H-Fluorene, 2,3-...	17.17	4.6	ng/ul	1672290	4	16.99	7228730	20.0
Dibenzo[a,e]cyclo...	17.51	5.5	ng/ul	1984790	4	16.99	7228730	20.0
Dibenzothiophene,...	17.56	5.8	ng/ul	2078610	4	16.99	7228730	20.0
Anthrone	17.78	3.4	ng/ul	1243290	4	16.99	7228730	20.0
Phenanthrene, 2-m...	17.86	32.8	ng/ul	11857100	4	16.99	7228730	20.0
4H-Cyclopenta[def...	18.06	37.4	ng/ul	13499800	4	16.99	7228730	20.0
Anthracene, 2-met...	18.09	15.7	ng/ul	5678530	4	16.99	7228730	20.0