

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
 Data File : BN005356.D
 Acq On : 29 Apr 2019 18:00
 Operator : JU/SJ
 Sample : K2456-16DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHN6DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.593	776	783	793	rBV	1085266	1703287	13.72%	1.192%
2	10.351	1242	1252	1259	rBV	1526028	2544317	20.49%	1.780%
3	12.022	1530	1536	1545	rVB	601005	997265	8.03%	0.698%
4	12.245	1562	1574	1590	rVB	1645224	2806879	22.61%	1.964%
5	13.063	1704	1713	1720	rBV2	189021	318301	2.56%	0.223%
6	13.381	1761	1767	1769	rBV	806644	1249859	10.07%	0.874%
7	13.545	1788	1795	1800	rVV	1289600	2260742	18.21%	1.582%
8	13.598	1800	1804	1808	rVV	794964	1144523	9.22%	0.801%
9	13.645	1808	1812	1814	rVV	300332	439633	3.54%	0.308%
10	13.681	1814	1818	1824	rVV2	485995	819910	6.60%	0.574%
11	13.781	1830	1835	1839	rVV	657260	1004552	8.09%	0.703%
12	13.945	1852	1863	1871	rBV2	1689605	3038149	24.47%	2.126%
13	14.228	1901	1911	1917	rVV2	2115287	3432240	27.65%	2.401%
14	14.286	1917	1921	1925	rVV2	316389	500723	4.03%	0.350%
15	14.445	1942	1948	1956	rVV	192948	432032	3.48%	0.302%
16	14.633	1970	1980	1987	rVV2	339984	702372	5.66%	0.491%
17	14.710	1988	1993	1999	rVB	402066	565926	4.56%	0.396%
18	14.839	2008	2015	2022	rBV4	419209	1039149	8.37%	0.727%
19	15.104	2055	2060	2065	rVB2	469240	663948	5.35%	0.465%
20	15.222	2076	2080	2085	rVV3	803628	1240782	9.99%	0.868%
21	15.280	2085	2090	2101	rVV	986148	1949216	15.70%	1.364%
22	15.404	2108	2111	2120	rVV2	365848	642542	5.18%	0.450%
23	15.492	2121	2126	2135	rVB6	158557	412966	3.33%	0.289%
24	15.575	2135	2140	2152	rBV6	177228	401782	3.24%	0.281%
25	15.969	2200	2207	2216	rBV4	257767	541110	4.36%	0.379%
26	16.286	2247	2261	2266	rBV4	392983	1050616	8.46%	0.735%
27	16.339	2266	2270	2275	rVV2	376955	570939	4.60%	0.399%
28	16.439	2282	2287	2292	rVB3	302855	505103	4.07%	0.353%
29	16.798	2345	2348	2357	rVB	216613	402915	3.25%	0.282%
30	16.980	2373	2379	2382	rBV	2542790	3661563	29.49%	2.562%
31	17.022	2382	2386	2391	rVV	3642068	5048095	40.66%	3.532%
32	17.074	2391	2395	2398	rVV	431529	654193	5.27%	0.458%
33	17.110	2398	2401	2406	rVV	583003	807969	6.51%	0.565%
34	17.174	2407	2412	2417	rVV3	231639	467476	3.77%	0.327%

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Integration Parameters: LSCINT.P

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
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35	17.504	2464	2468	2473	rBV	478712	603778	4.86%	0.422%
36	17.563	2474	2478	2484	rVB2	248975	389797	3.14%	0.273%
37	17.680	2489	2498	2502	rBV3	224076	609917	4.91%	0.427%
38	17.780	2510	2515	2522	rBV2	165590	371300	2.99%	0.260%
39	17.857	2523	2528	2532	rVV	1249641	1789881	14.42%	1.252%
40	17.904	2532	2536	2545	rVB	1730423	2449287	19.73%	1.714%
41	17.986	2545	2550	2554	rBV	264883	363828	2.93%	0.255%
42	18.051	2554	2561	2565	rVV2	2679540	4461792	35.94%	3.122%
43	18.086	2565	2567	2573	rVB	856568	1127409	9.08%	0.789%
44	18.180	2579	2583	2589	rBV2	212055	338561	2.73%	0.237%
45	18.327	2600	2608	2610	rBV4	172561	320984	2.59%	0.225%
46	18.369	2610	2615	2619	rVV	1039300	1535119	12.37%	1.074%
47	18.404	2619	2621	2627	rVB3	237580	343958	2.77%	0.241%
48	18.492	2633	2636	2647	rVB5	123117	315945	2.54%	0.221%
49	18.616	2654	2657	2662	rVV4	389349	660234	5.32%	0.462%
50	18.669	2662	2666	2669	rVV	413488	582861	4.69%	0.408%
51	18.710	2669	2673	2677	rVB	270262	375848	3.03%	0.263%
52	18.792	2677	2687	2691	rBV3	1027620	1849862	14.90%	1.294%
53	18.851	2691	2697	2700	rVV3	793344	1466135	11.81%	1.026%
54	18.880	2700	2702	2706	rVV	519626	627806	5.06%	0.439%
55	18.927	2706	2710	2723	rVV2	910776	2206908	17.78%	1.544%
56	19.057	2723	2732	2739	rVV	4775005	7178940	57.83%	5.023%
57	19.127	2739	2744	2747	rVV	539070	844738	6.80%	0.591%
58	19.163	2747	2750	2753	rVV2	357441	583784	4.70%	0.408%
59	19.204	2753	2757	2762	rVV	1518850	2100645	16.92%	1.470%
60	19.257	2762	2766	2770	rVV4	228095	374288	3.01%	0.262%
61	19.327	2770	2778	2784	rVV3	296496	723595	5.83%	0.506%
62	19.421	2784	2794	2803	rVV	8335552	12414836	100.00%	8.686%
63	19.504	2804	2808	2814	rVB2	252235	451398	3.64%	0.316%
64	19.663	2830	2835	2841	rVB5	210146	442556	3.56%	0.310%
65	19.751	2846	2850	2861	rBV2	890638	1779626	14.33%	1.245%
66	19.898	2868	2875	2877	rVV5	836353	1744821	14.05%	1.221%
67	19.921	2877	2879	2885	rVB	1357860	1708626	13.76%	1.195%
68	20.027	2893	2897	2902	rVV	907434	1259461	10.14%	0.881%
69	20.086	2902	2907	2911	rVV	1339323	1830483	14.74%	1.281%
70	20.227	2926	2931	2935	rVV	972290	1328826	10.70%	0.930%
71	20.274	2935	2939	2944	rVB	1133664	1479348	11.92%	1.035%

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72	20.404	2956	2961	2965	rVB4	171310	286494	2.31%	0.200%
73	20.680	3005	3008	3016	rVB	499645	851798	6.86%	0.596%
74	20.839	3027	3035	3040	rBV6	327487	965558	7.78%	0.676%
75	20.892	3040	3044	3047	rVV	707081	902870	7.27%	0.632%
76	20.921	3047	3049	3053	rVV	361274	480177	3.87%	0.336%
77	20.980	3057	3059	3067	rVB	387511	573565	4.62%	0.401%
78	21.204	3090	3097	3101	rBV3	4320613	8610030	69.35%	6.024%
79	21.245	3101	3104	3111	rVB	2512238	3596616	28.97%	2.516%
80	21.415	3129	3133	3138	rVB	657764	884813	7.13%	0.619%
81	21.568	3156	3159	3163	rBV	233061	313694	2.53%	0.219%
82	21.704	3179	3182	3185	rBV3	241060	282475	2.28%	0.198%
83	21.762	3185	3192	3196	rBV	894533	1335607	10.76%	0.934%
84	21.810	3196	3200	3206	rVB3	536739	937877	7.55%	0.656%
85	21.880	3207	3212	3215	rBV2	327058	633954	5.11%	0.444%
86	21.951	3220	3224	3227	rVV3	544488	843667	6.80%	0.590%
87	21.980	3227	3229	3234	rVB2	539244	691337	5.57%	0.484%
88	22.057	3239	3242	3247	rVB	278352	343843	2.77%	0.241%
89	22.286	3278	3281	3286	rVB2	403612	571627	4.60%	0.400%
90	22.386	3295	3298	3305	rVB3	243060	502914	4.05%	0.352%
91	22.592	3330	3333	3341	rVB4	153861	306876	2.47%	0.215%
92	22.757	3355	3361	3364	rBV2	1210694	2522091	20.32%	1.765%
93	22.921	3385	3389	3396	rVB	450500	755026	6.08%	0.528%
94	23.221	3434	3440	3444	rBV	724696	1299623	10.47%	0.909%
95	23.268	3444	3448	3451	rVV	299502	489360	3.94%	0.342%
96	23.309	3451	3455	3464	rVB2	1084603	2556595	20.59%	1.789%
97	23.404	3465	3471	3477	rBV2	2219375	4025372	32.42%	2.816%
98	23.968	3562	3567	3574	rVB2	661064	1236989	9.96%	0.865%
99	24.692	3684	3690	3698	rBV	510936	1109870	8.94%	0.777%
100	25.580	3830	3841	3853	rVB4	506566	1960141	15.79%	1.371%

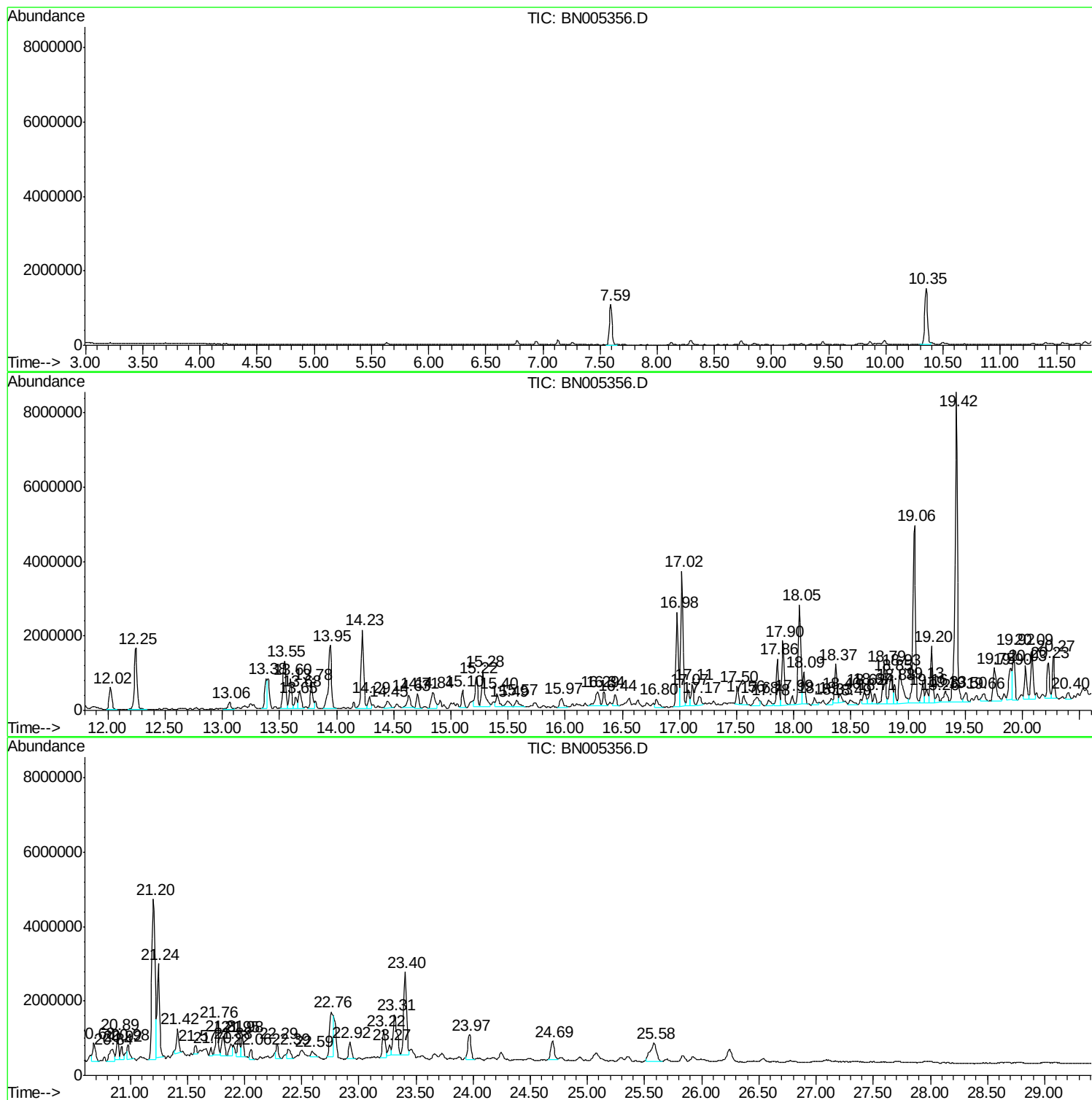
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ALS Vial : 7 Sample Multiplier: 1

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



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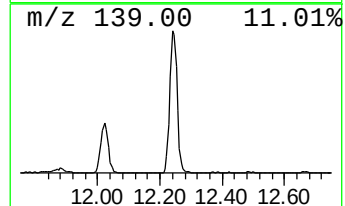
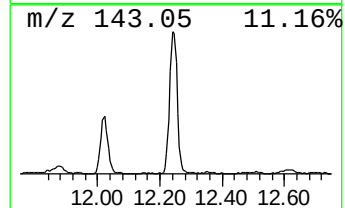
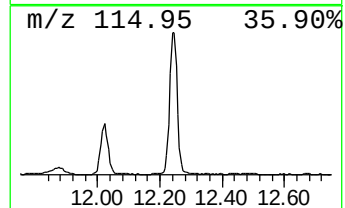
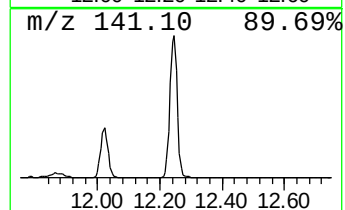
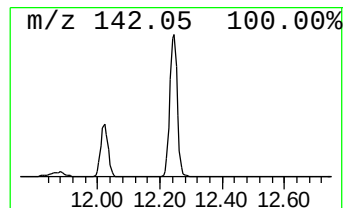
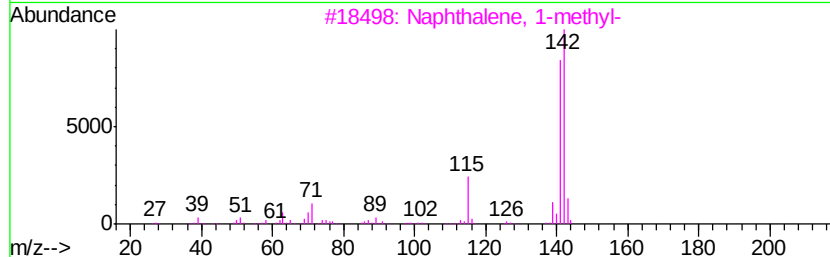
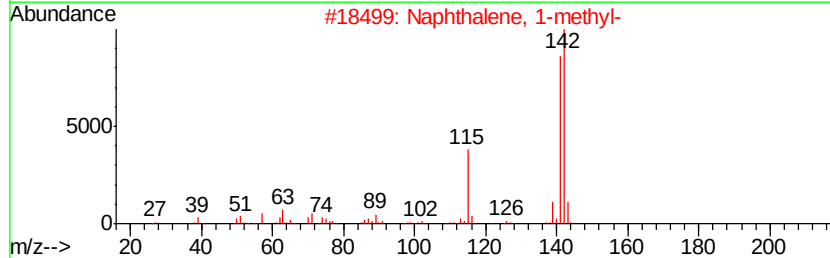
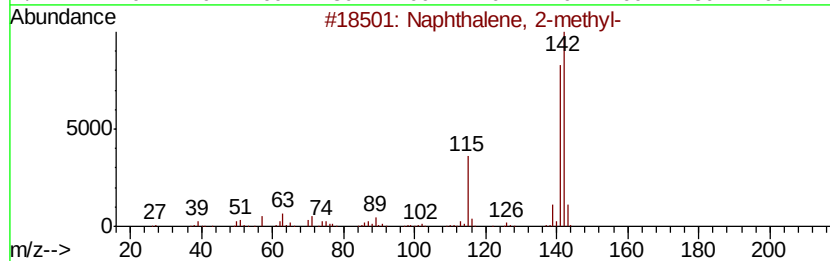
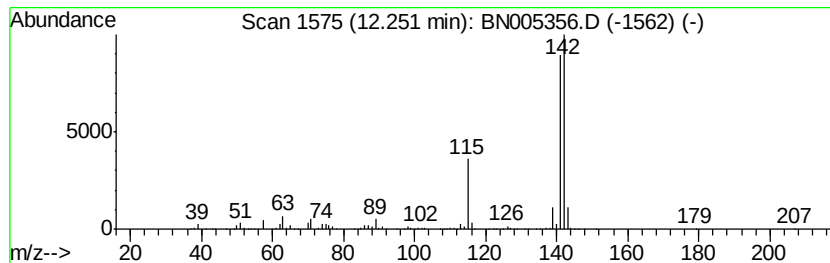
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.25	22.06 ng/ul	2806880	Naphthalene-d8	10.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		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		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



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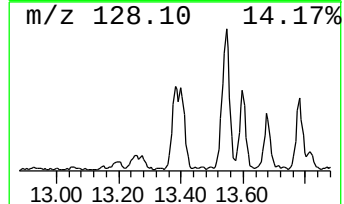
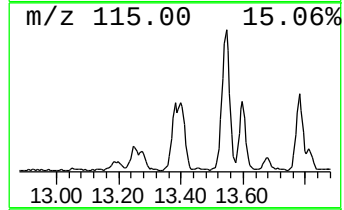
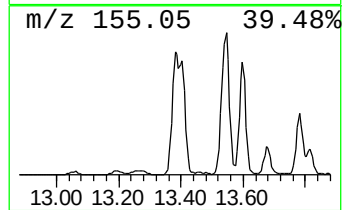
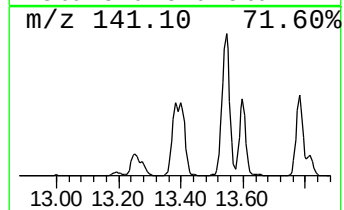
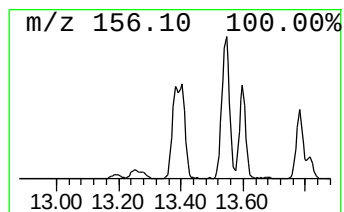
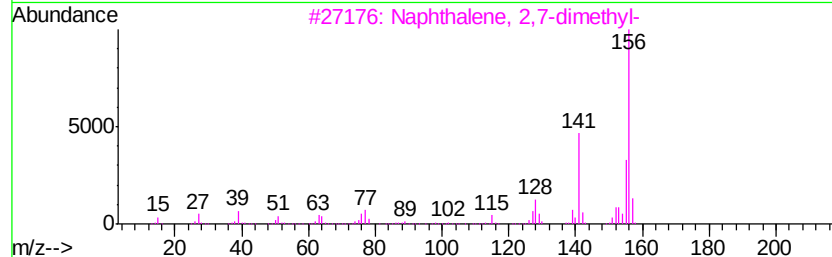
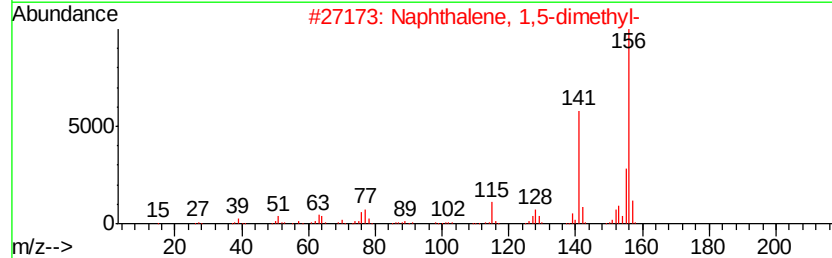
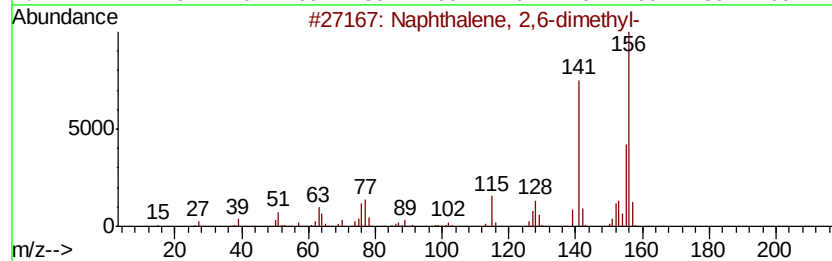
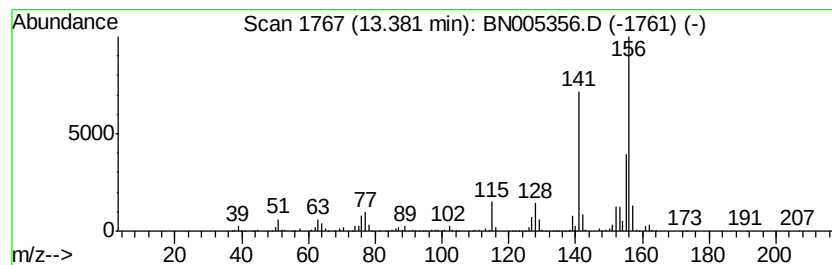
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	7.28 ng/ul	1249860	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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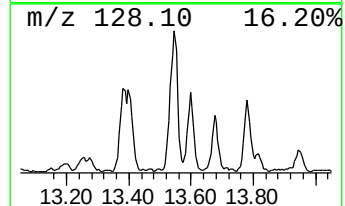
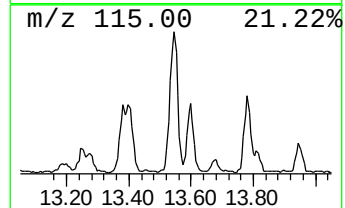
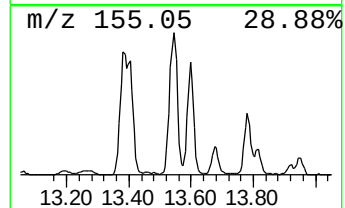
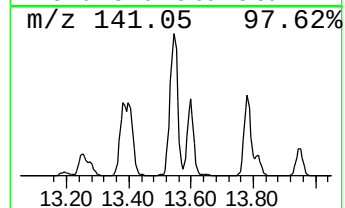
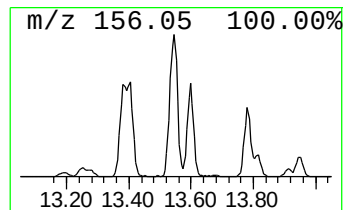
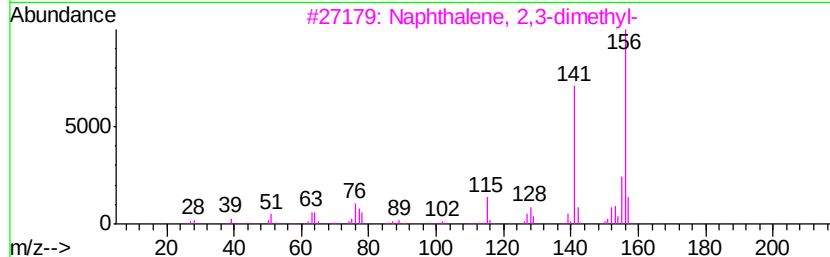
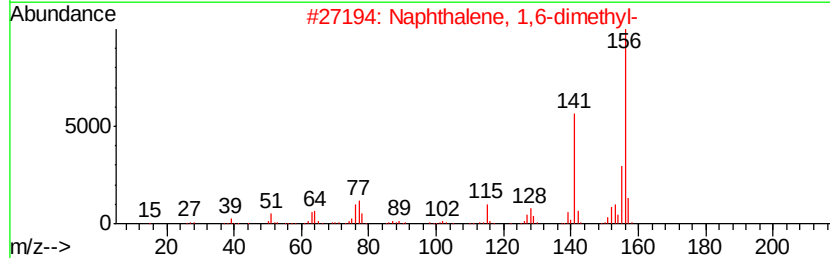
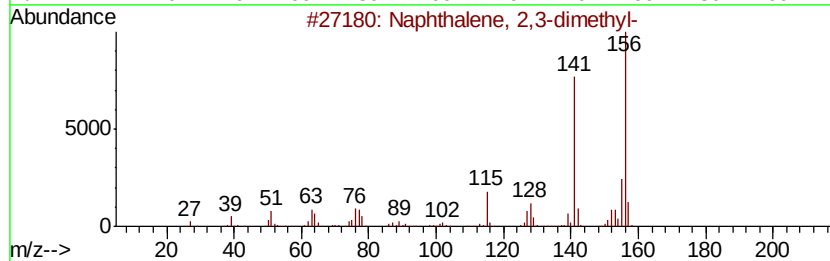
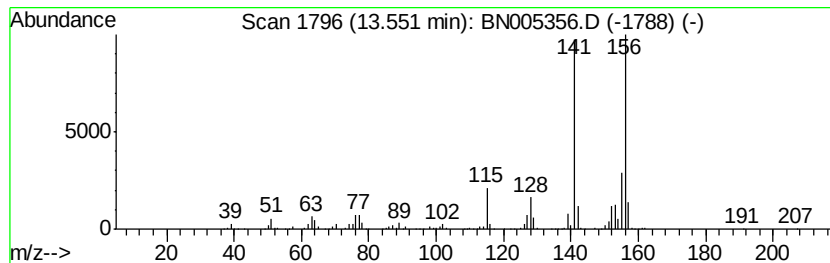
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	13.17 ng/ul	2260740	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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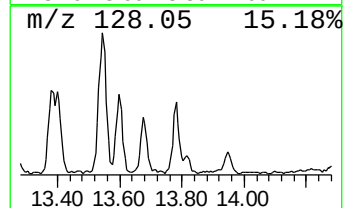
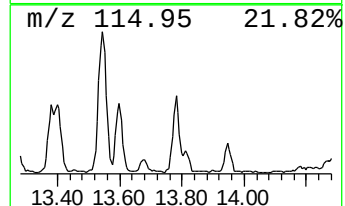
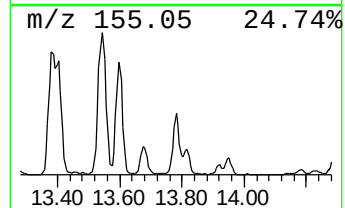
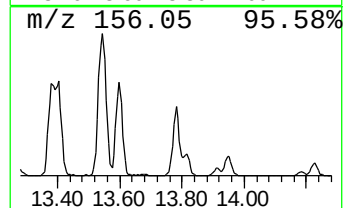
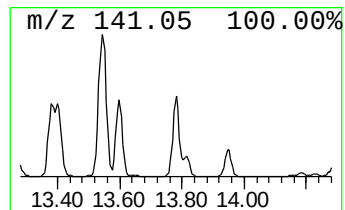
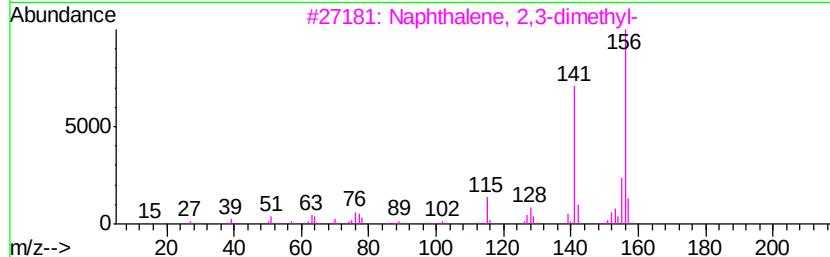
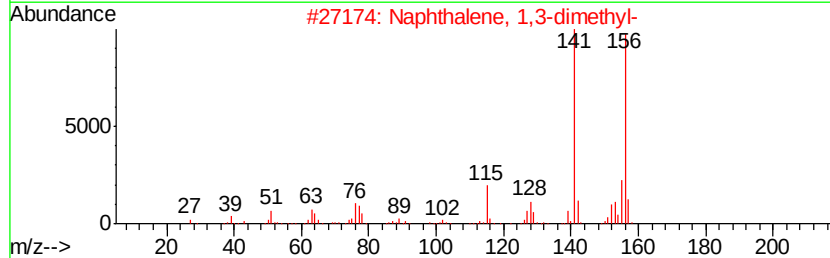
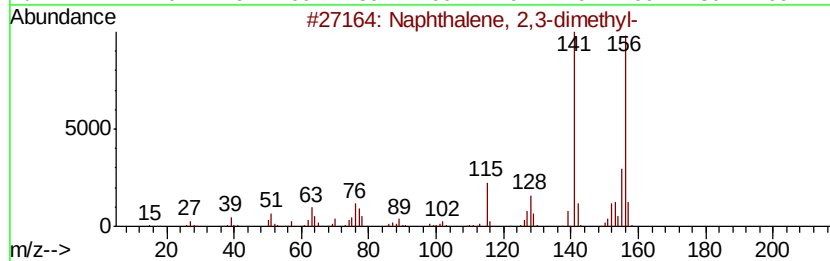
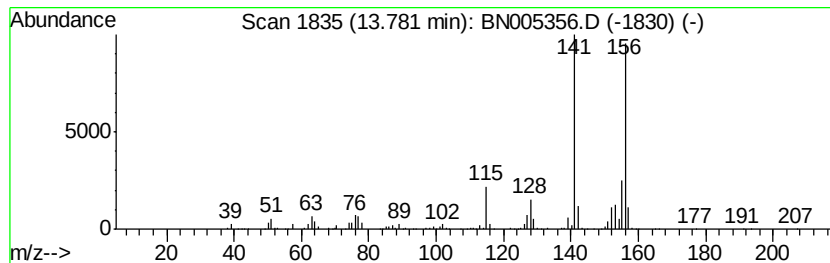
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	5.85 ng/ul	1004550	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



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Sample : K2456-16DL 5X
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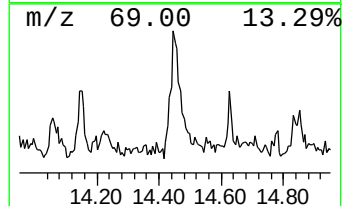
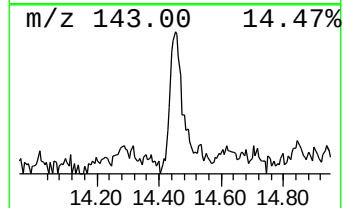
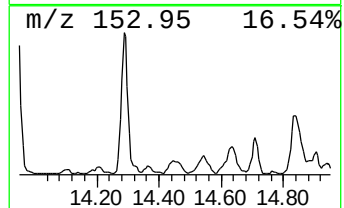
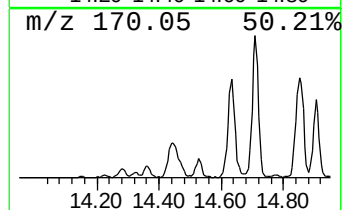
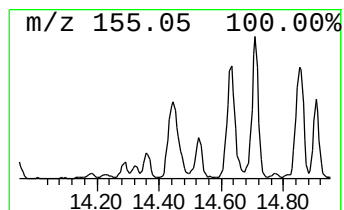
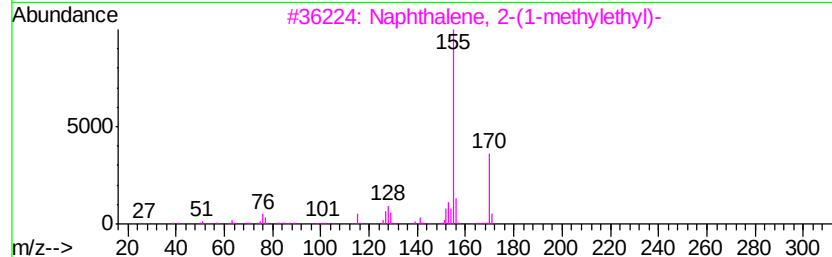
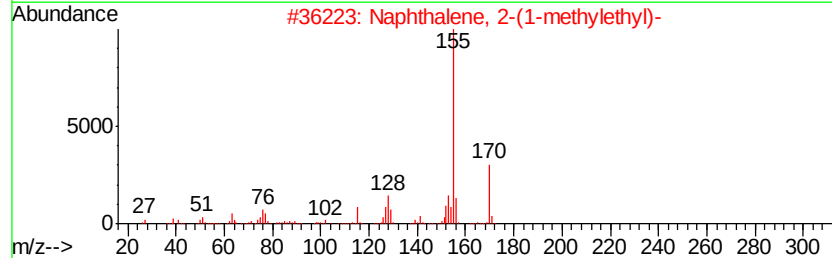
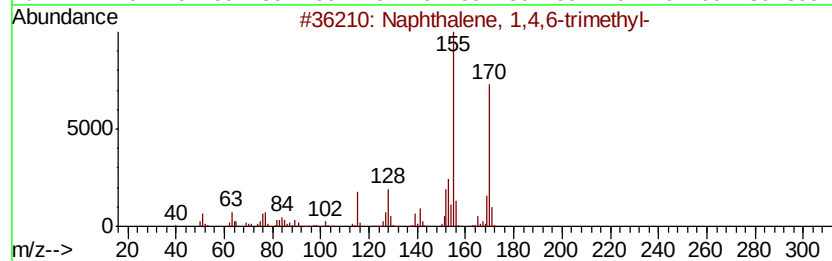
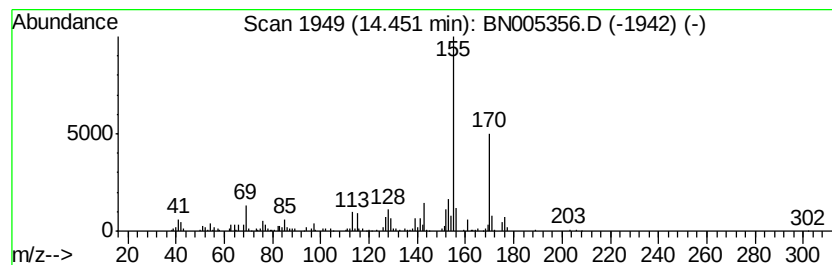
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 1,4,6-trimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.52 ng/ul	432032	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 90
2		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 87
3		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 87
4		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 78
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170 C8H7ClO2	001450-74-4 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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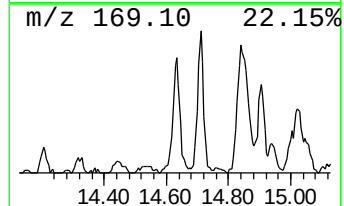
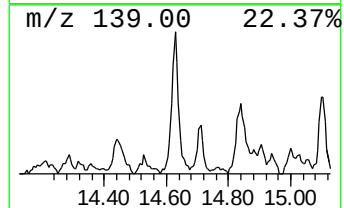
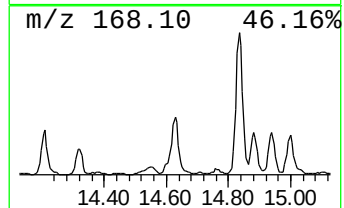
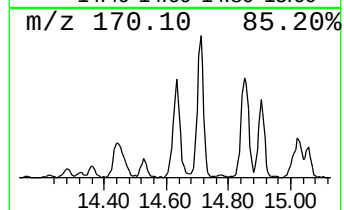
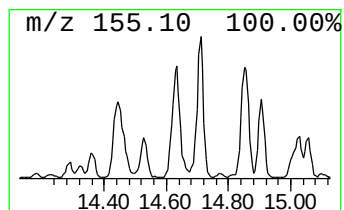
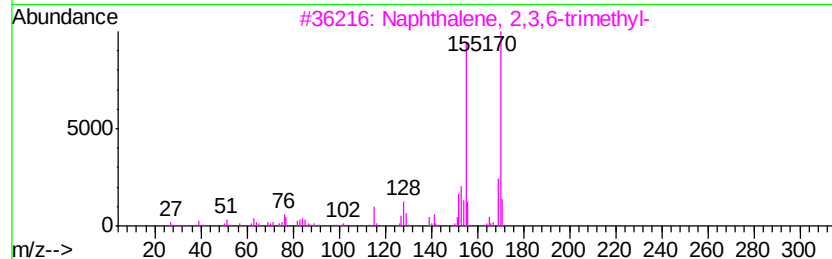
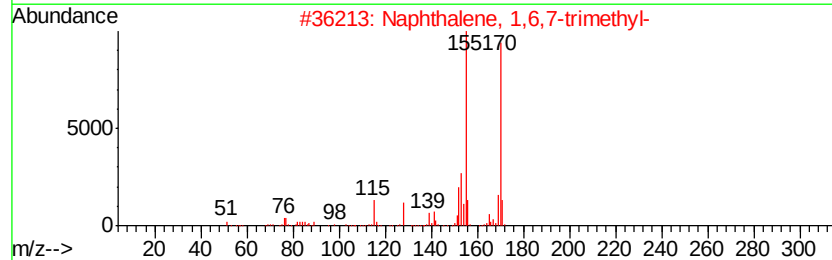
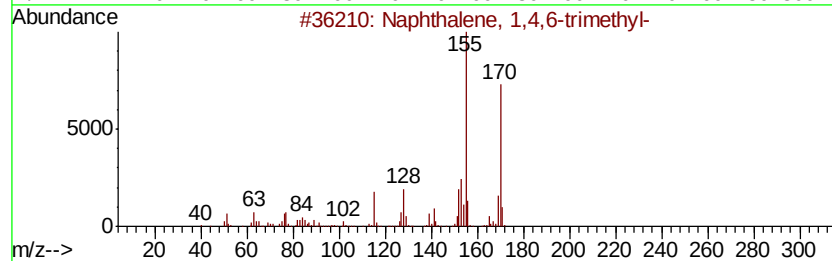
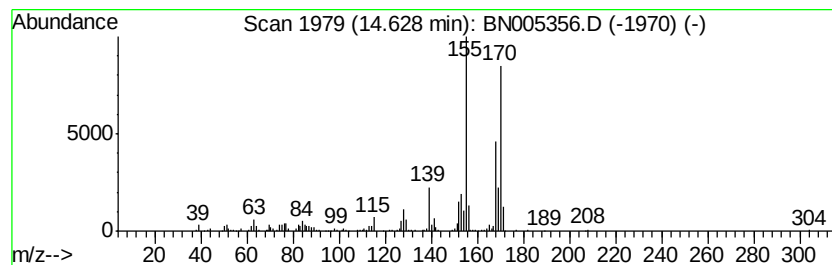
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	4.09 ng/ul	702372	Acenaphthene-d10	14.23

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
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Acq On : 29 Apr 2019 18:00
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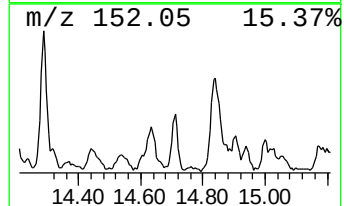
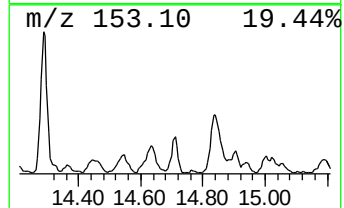
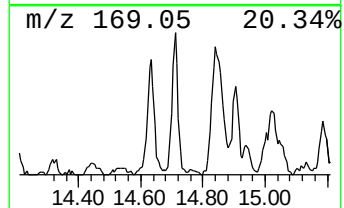
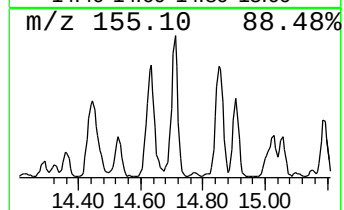
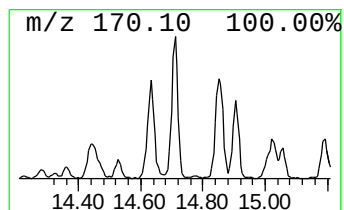
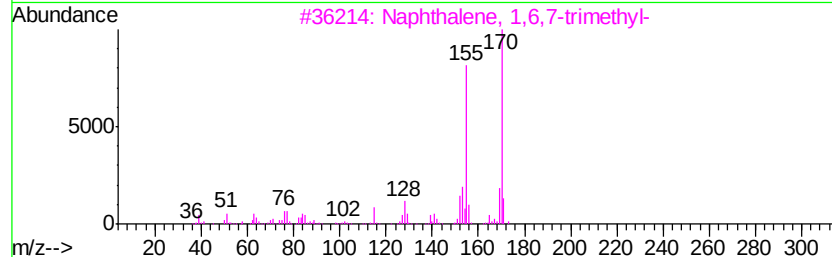
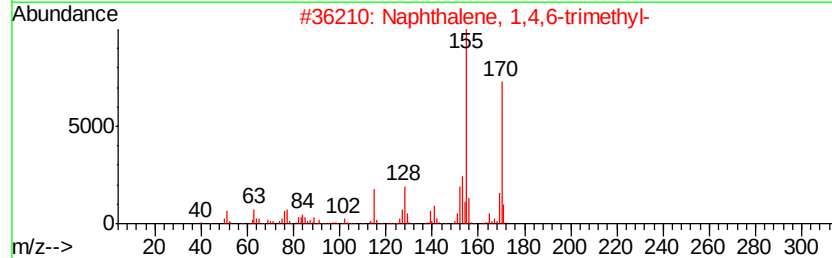
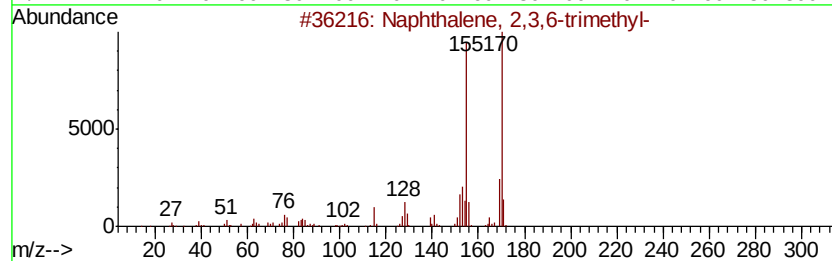
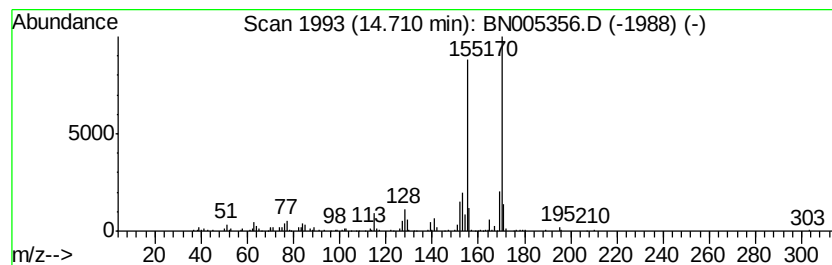
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	3.30 ng/ul	565926	Acenaphthene-d10	14.23

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
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Sample : K2456-16DL 5X
Misc :
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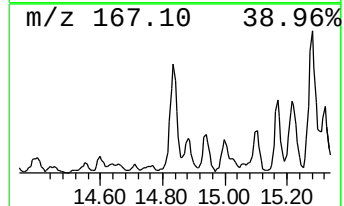
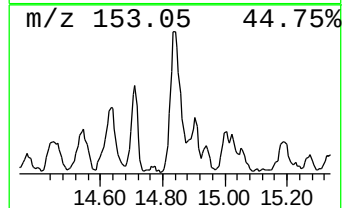
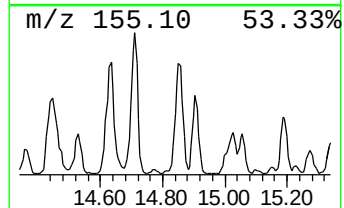
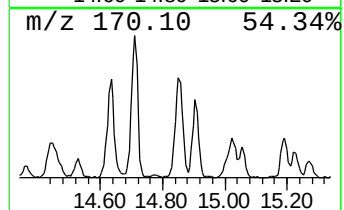
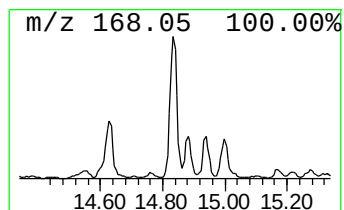
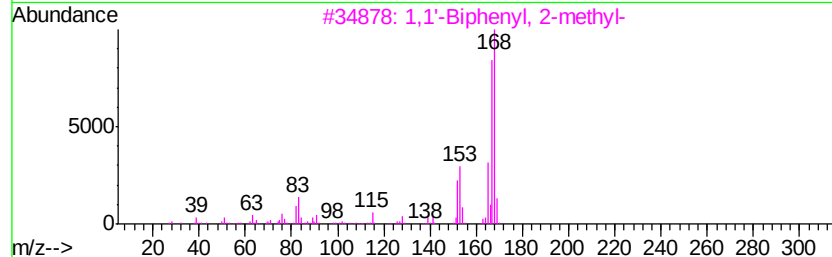
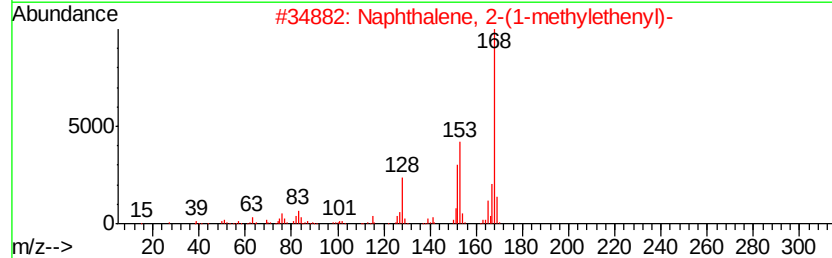
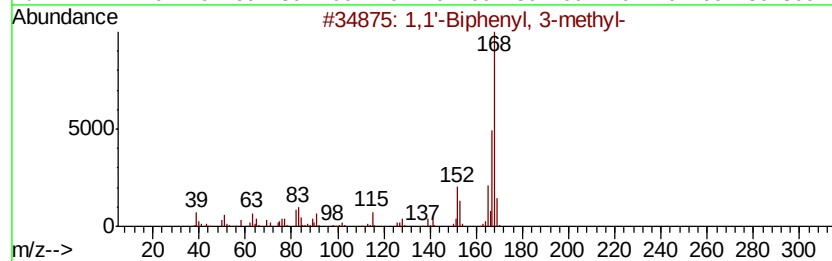
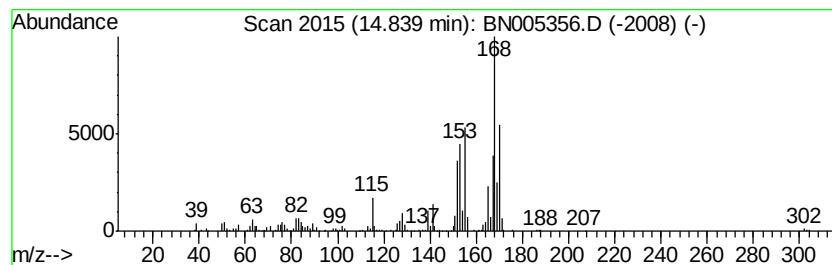
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.84	6.06 ng/ul	1039150	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	49
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	35



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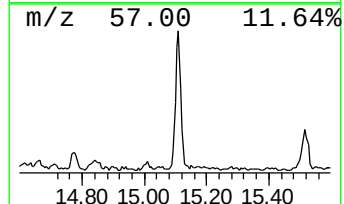
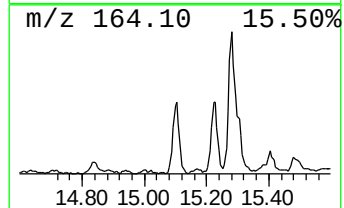
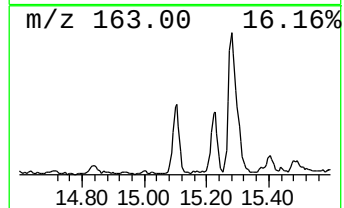
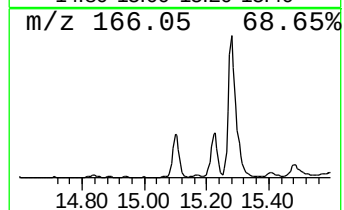
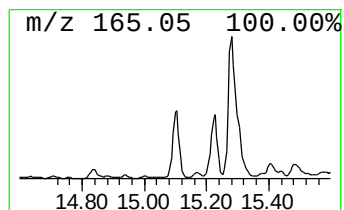
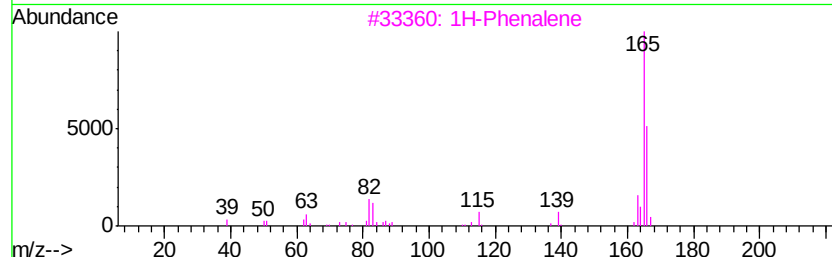
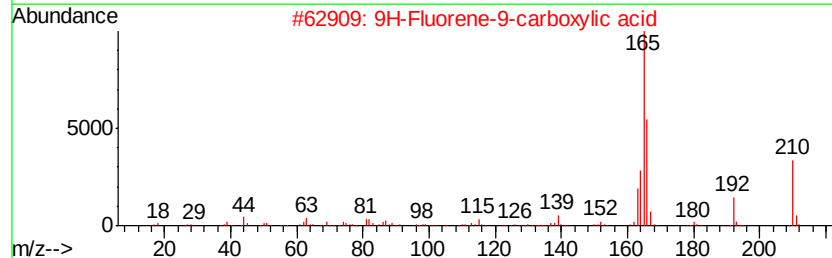
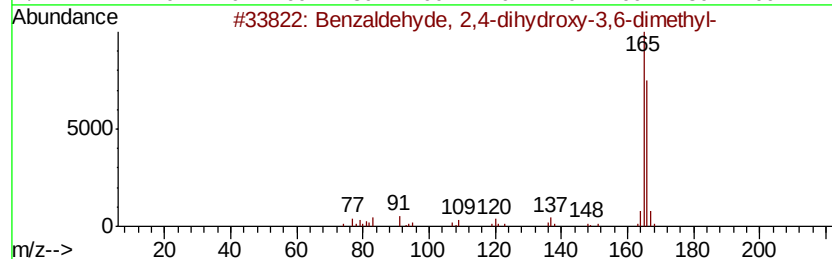
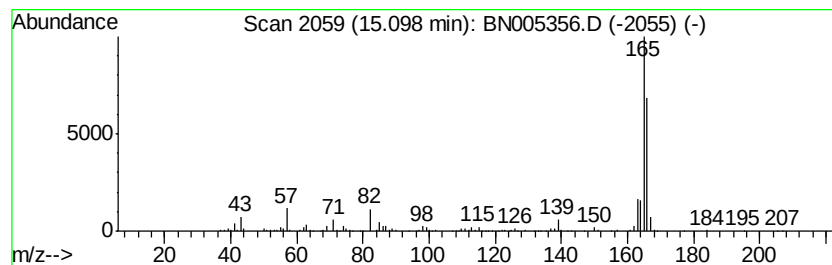
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzaldehyde, 2,4-dihydroxy... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.87 ng/ul	663948	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	64
2			9H-Fluorene-9-carboxylic acid	210	C14H10O2	001989-33-9	59
3			1H-Phenylene	166	C13H10	000203-80-5	53
4			Fluorene-9-methanol	196	C14H12O	024324-17-2	50
5			3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
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Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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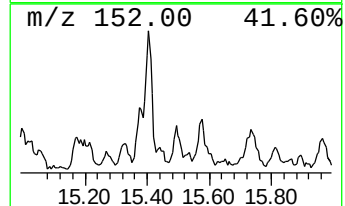
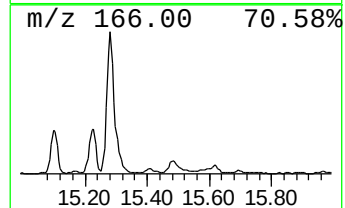
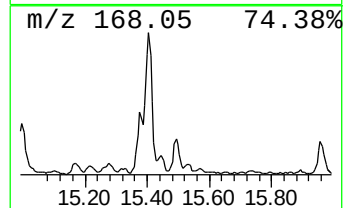
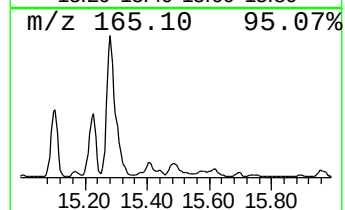
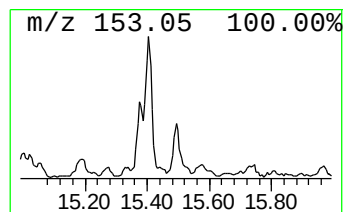
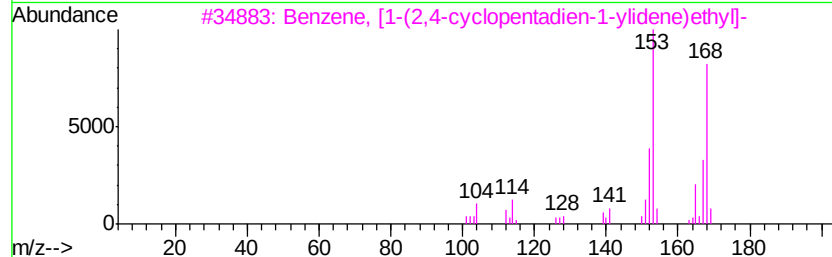
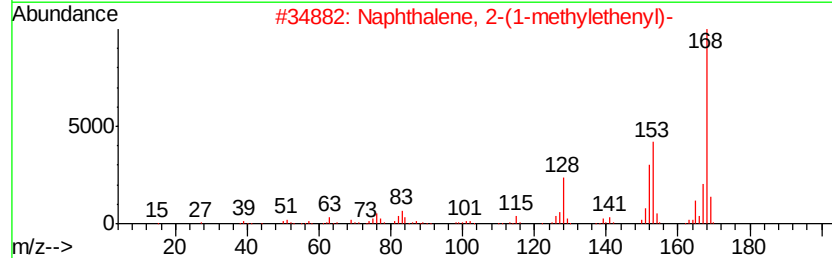
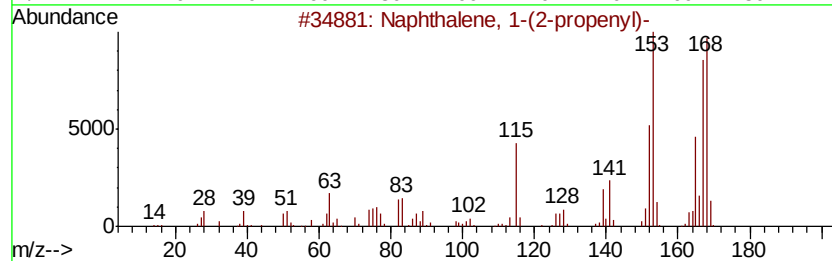
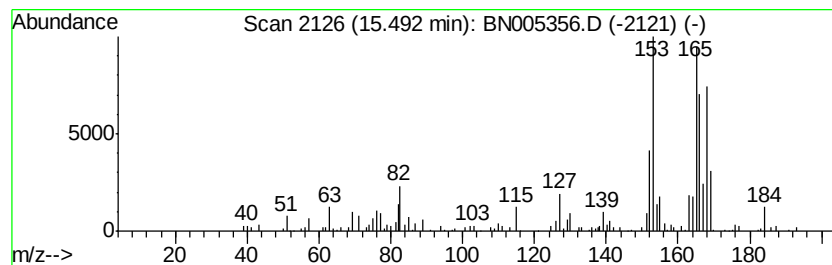
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-01 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.41 ng/ul	412966	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	43
2			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	38
3			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	32
4			3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	22
5			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN6DL

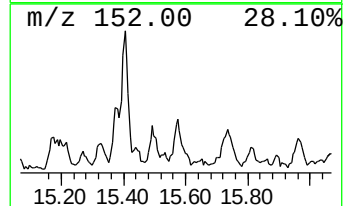
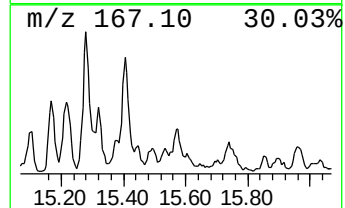
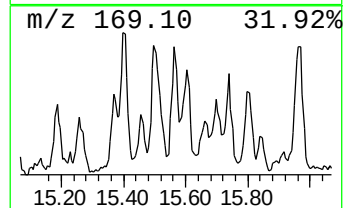
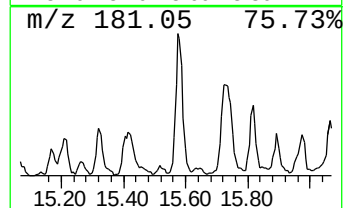
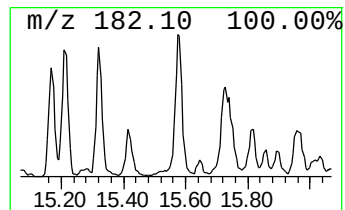
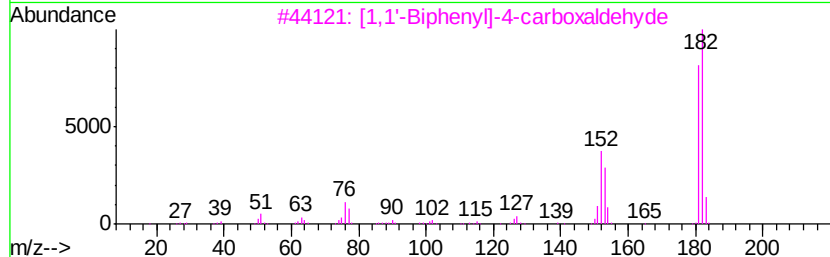
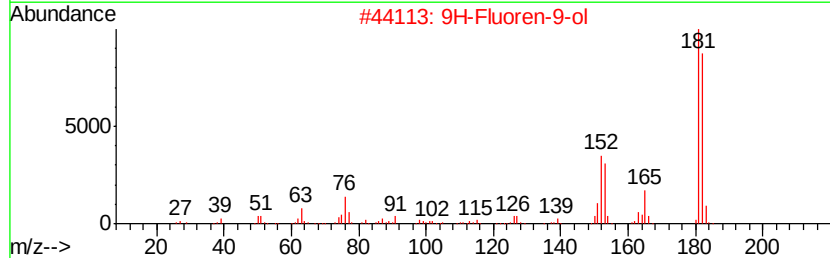
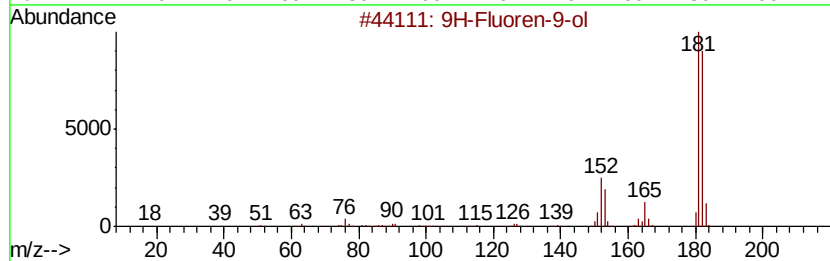
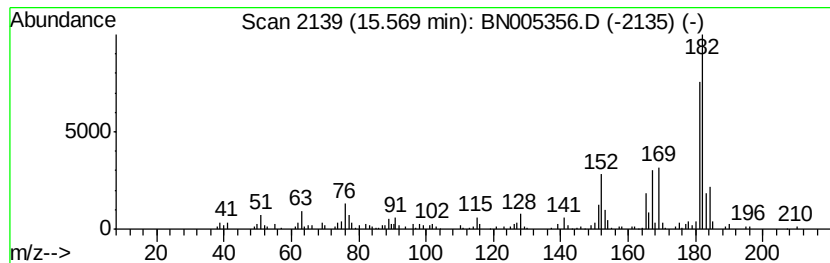
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 9H-Fluoren-9-ol Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.34 ng/ul	401782	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	81
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	74
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
4			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
5			2-Hydroxyfluorene	182	C13H10O	002443-58-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

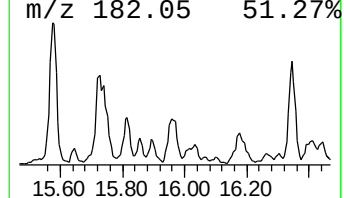
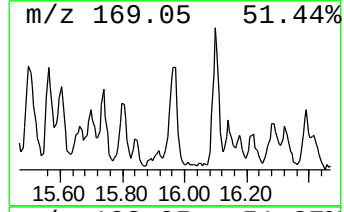
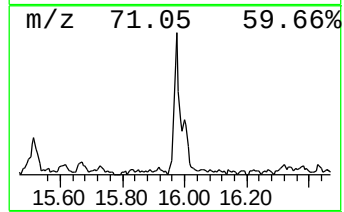
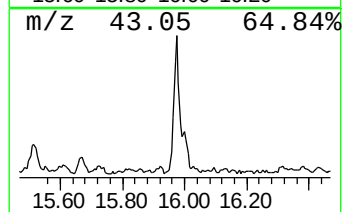
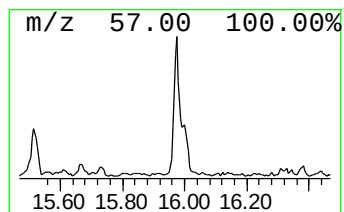
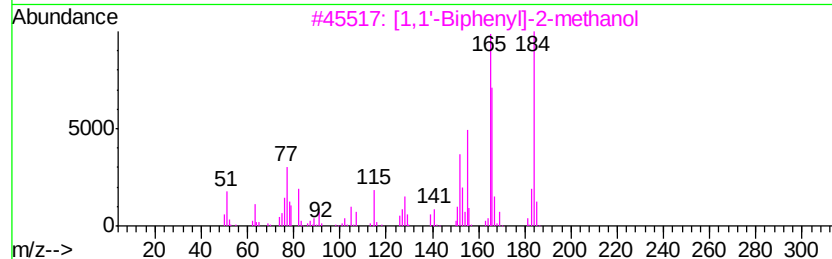
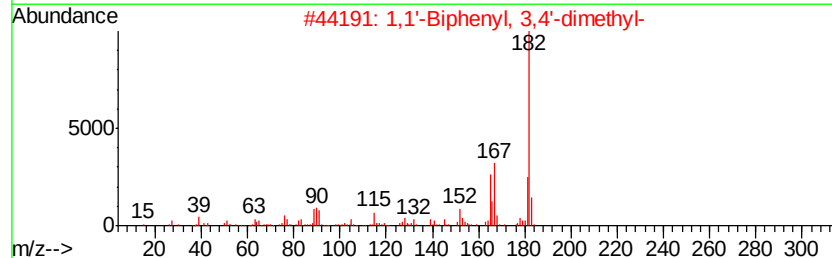
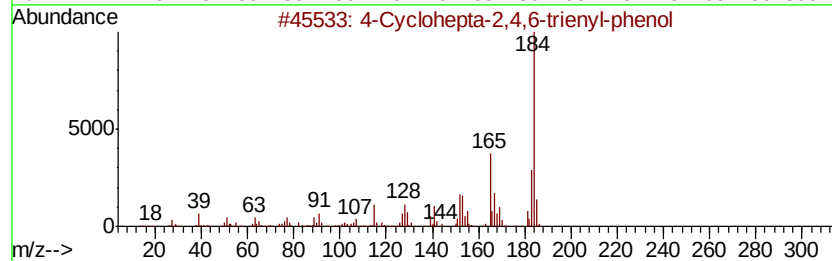
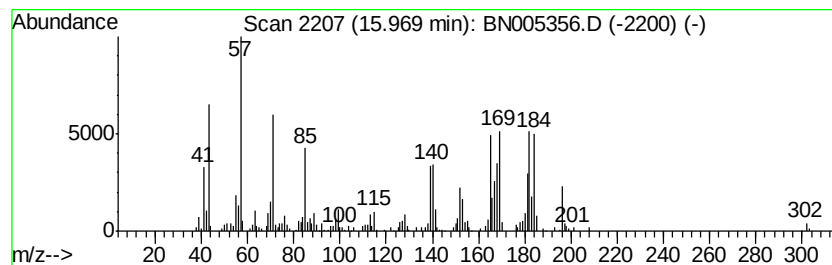
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-02 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.97	2.96 ng/ul	541110	Phenanthrene-d10		16.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	46
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	22
3	[1,1'-Biphenyl]-2-methanol	184	C13H12O	002928-43-0	22
4	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	14
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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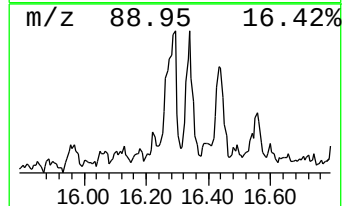
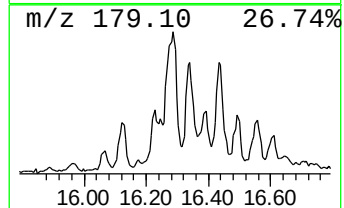
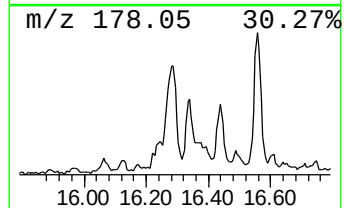
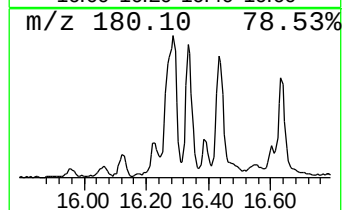
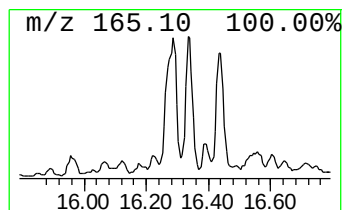
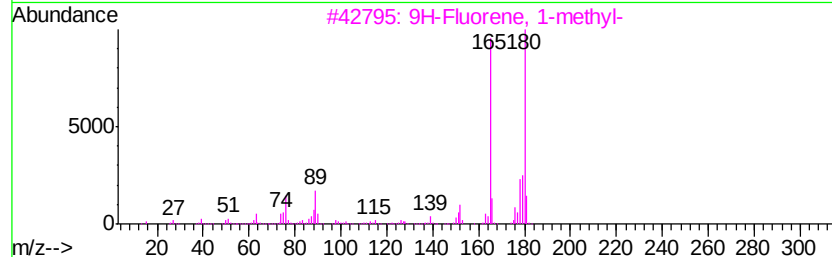
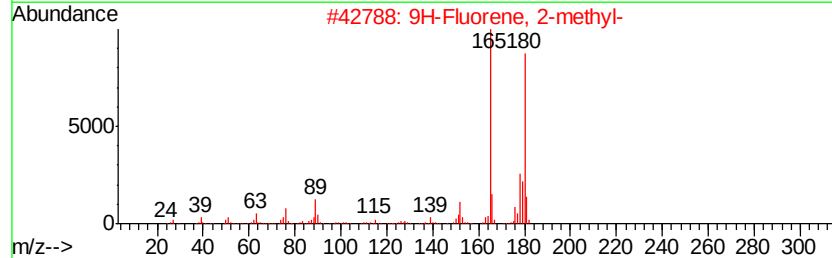
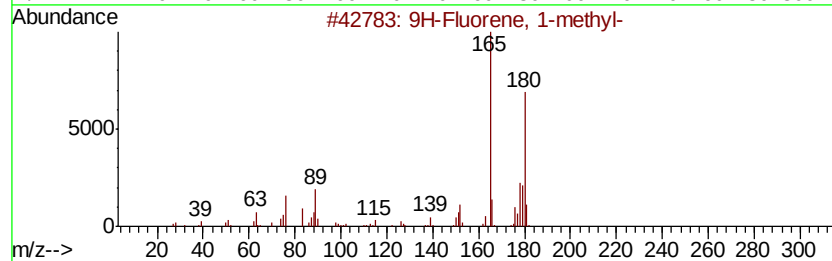
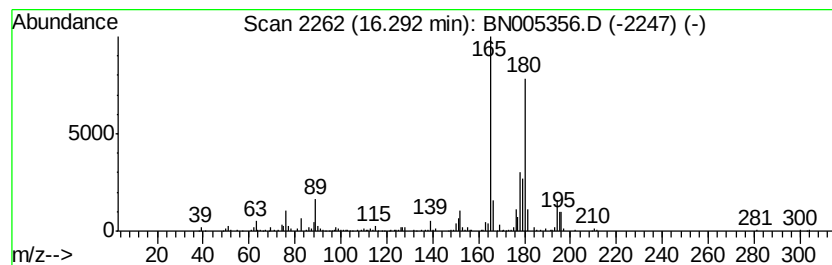
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	5.74 ng/ul	1050620	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
3			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
5			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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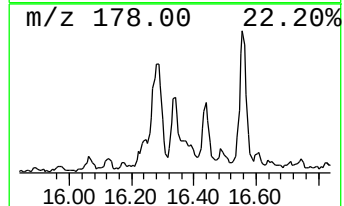
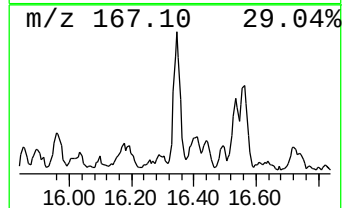
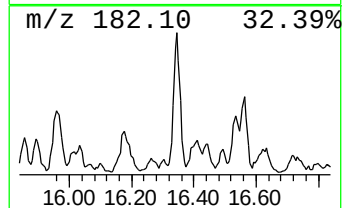
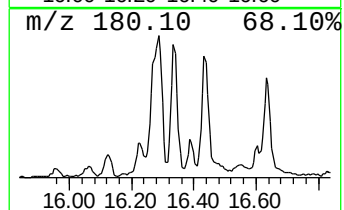
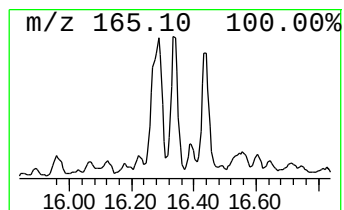
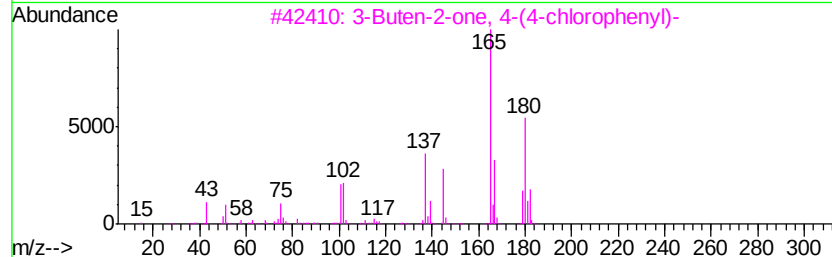
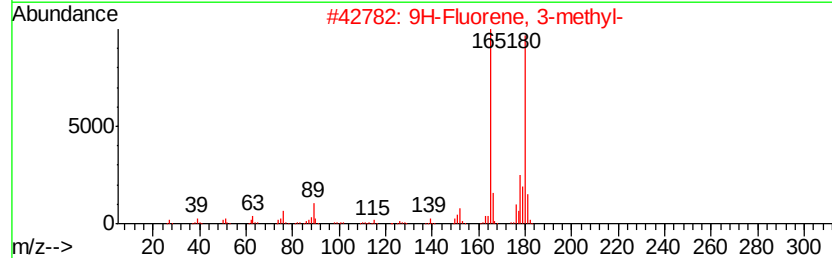
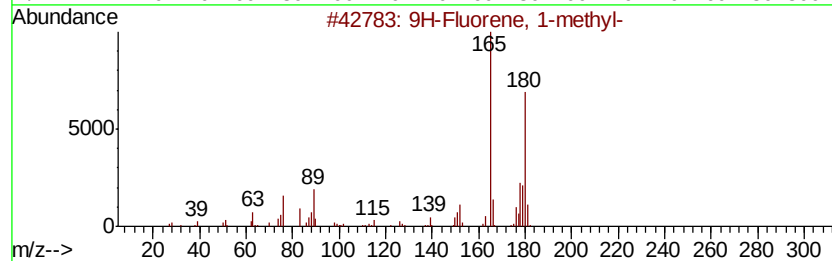
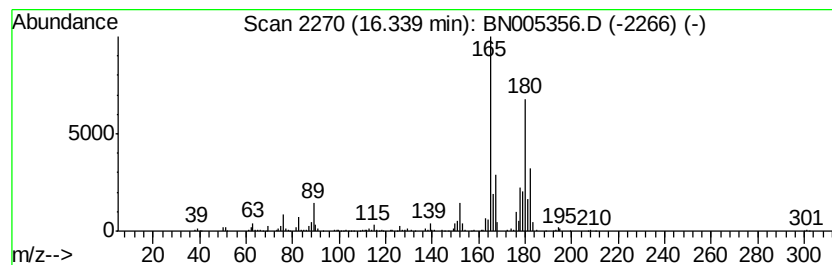
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 9H-Fluorene, 3-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.12 ng/ul	570939	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70
3		3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	64
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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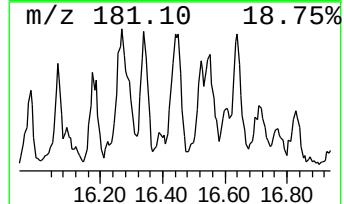
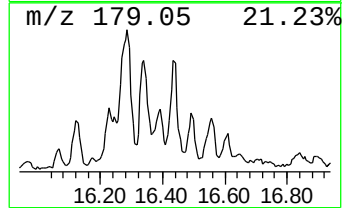
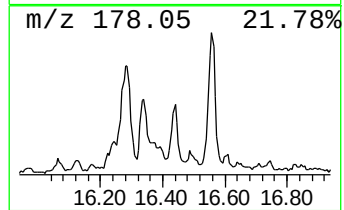
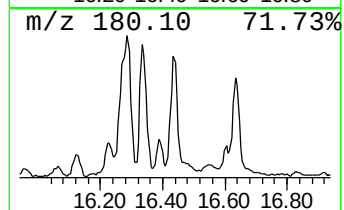
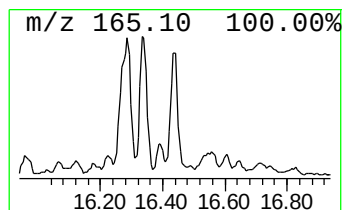
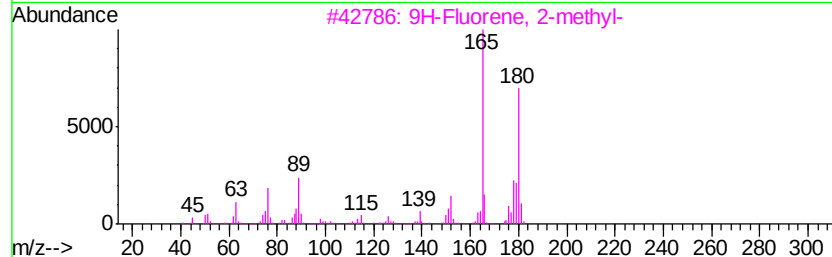
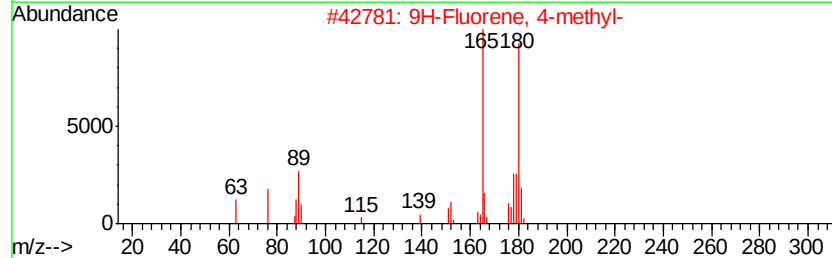
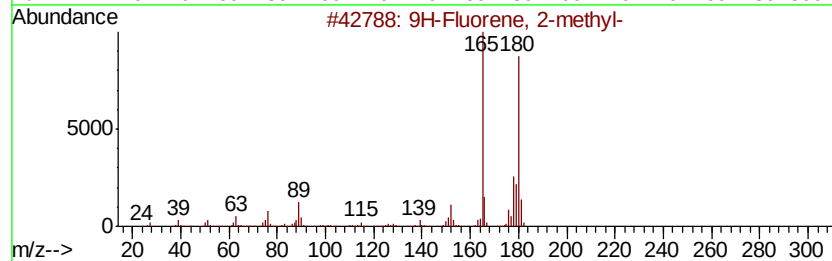
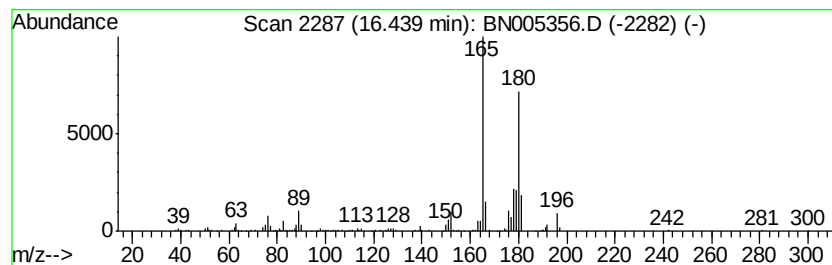
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 9H-Fluorene, 2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.76 ng/ul	505103	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
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Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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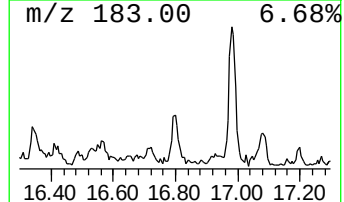
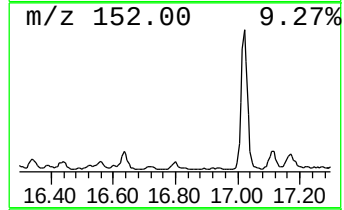
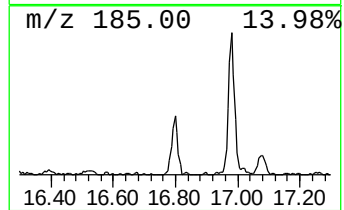
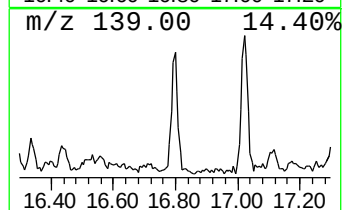
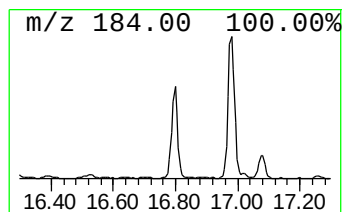
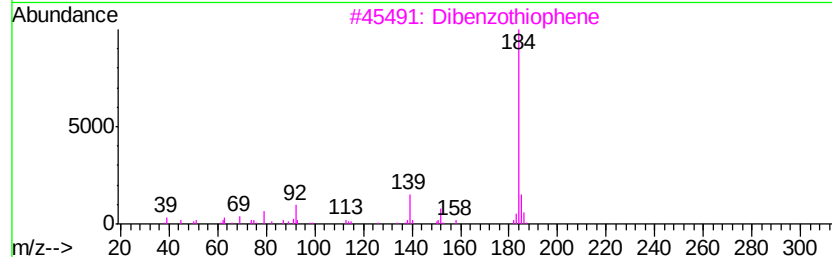
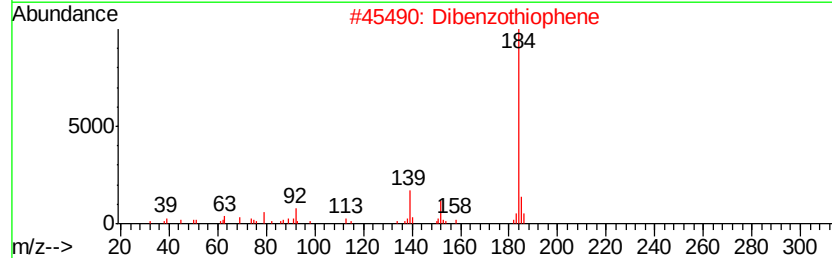
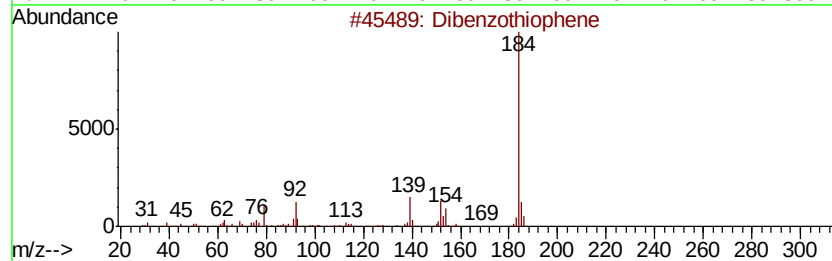
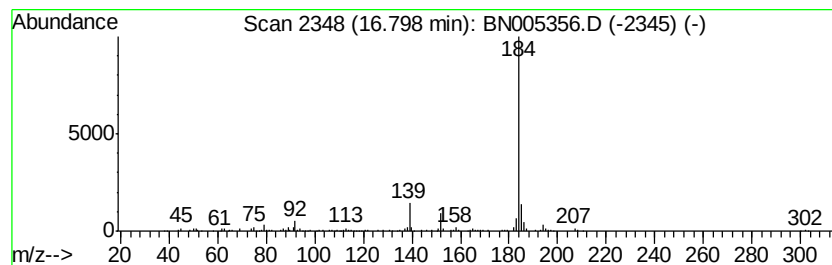
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Dibenzothiophene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.20 ng/ul	402915	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Dibenzothiophene	184	C12H8S	000132-65-0	94
3		Dibenzothiophene	184	C12H8S	000132-65-0	93
4		Dibenzothiophene	184	C12H8S	000132-65-0	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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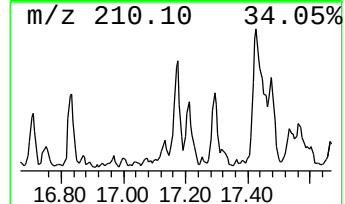
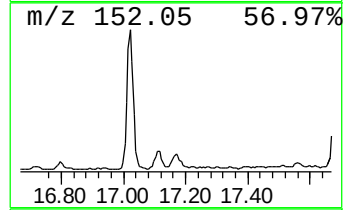
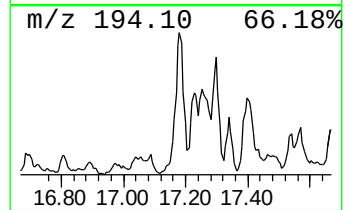
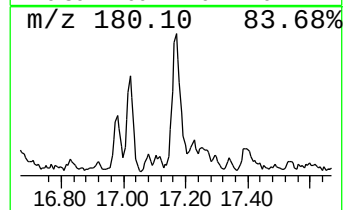
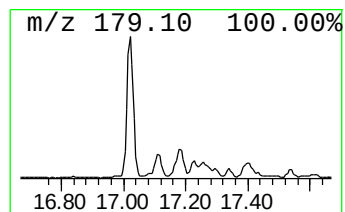
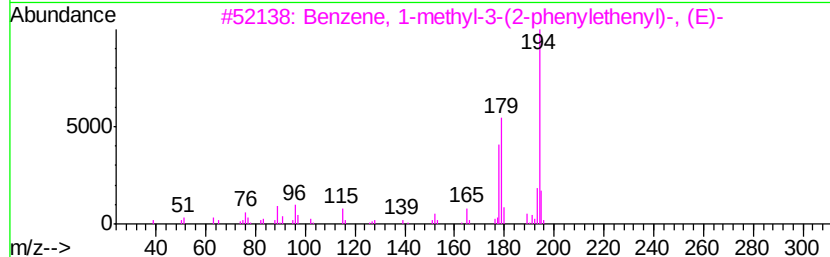
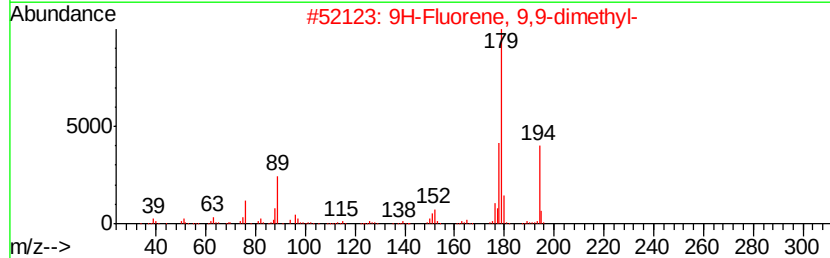
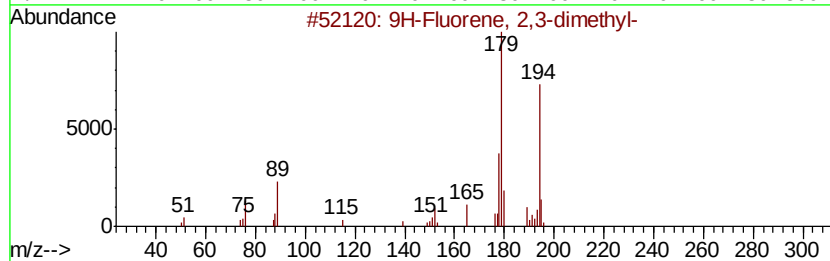
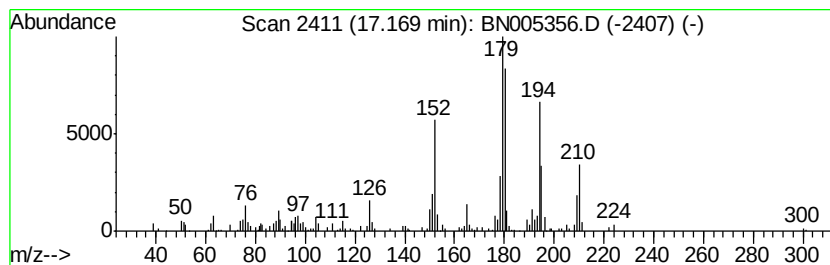
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 9H-Fluorene, 2,3-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	2.55 ng/ul	467476	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	70
2		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	49
3		Benzene, 1-methyl-3-(2-phenylethyl)-	194	C15H14	014064-48-3	46
4		Benzo[flquinoline	179	C13H9N	000085-02-9	38
5		Benzo[g]quinoline	179	C13H9N	000260-36-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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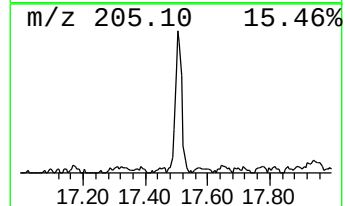
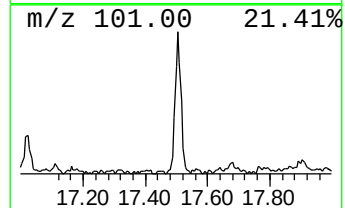
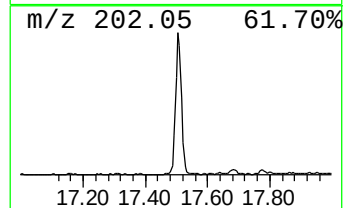
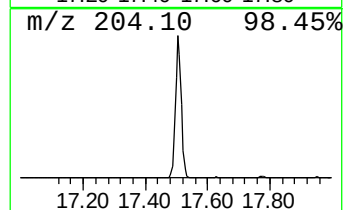
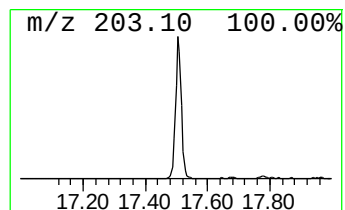
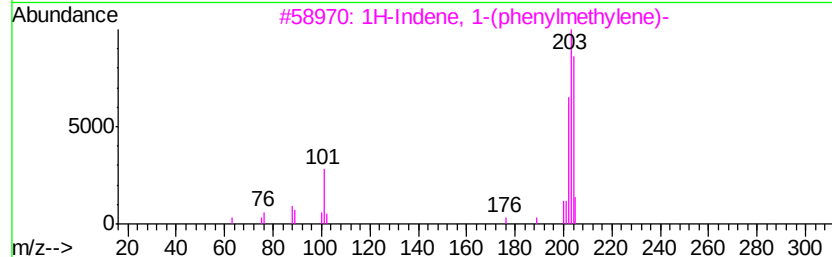
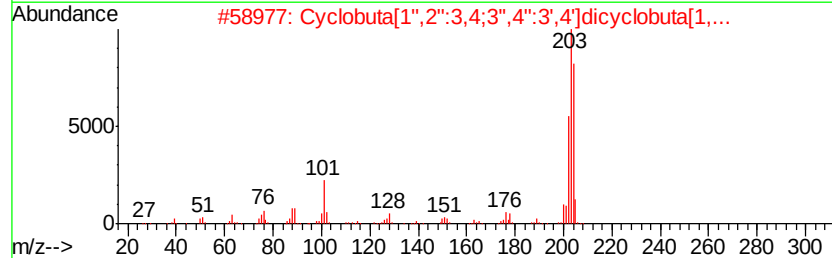
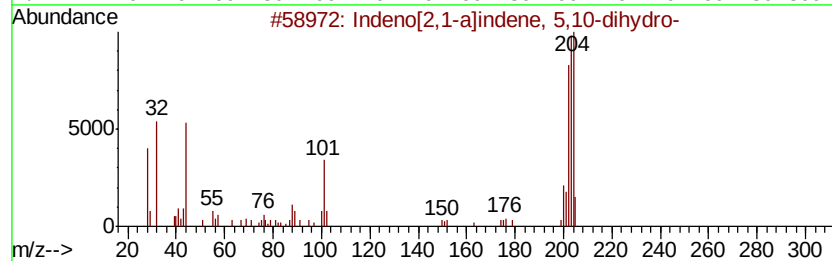
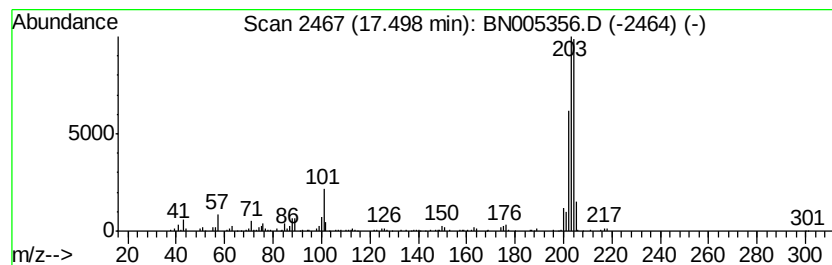
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Indeno[2,1-a]indene, 5,10-d... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	3.30 ng/ul	603778	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	81
2		Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	81
3		1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	81
4		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
5		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
GAHN6DL

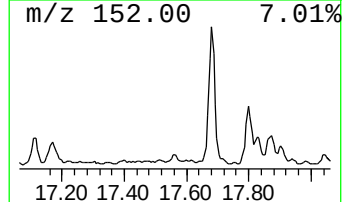
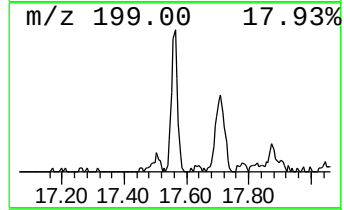
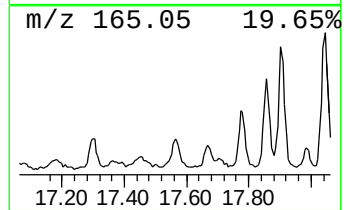
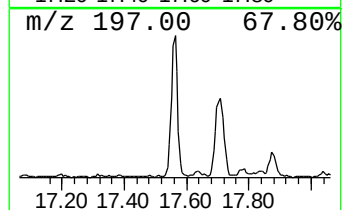
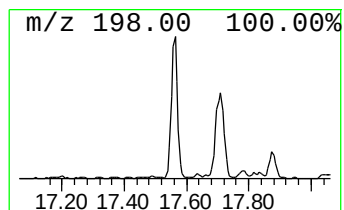
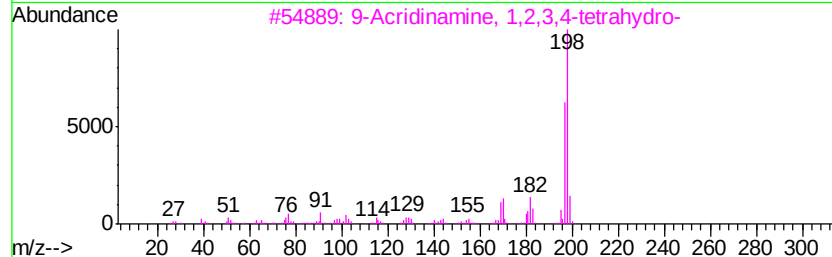
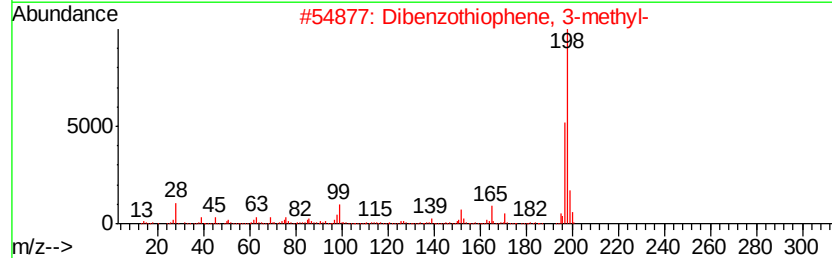
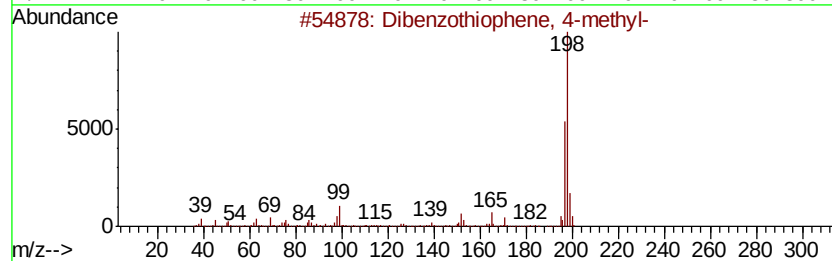
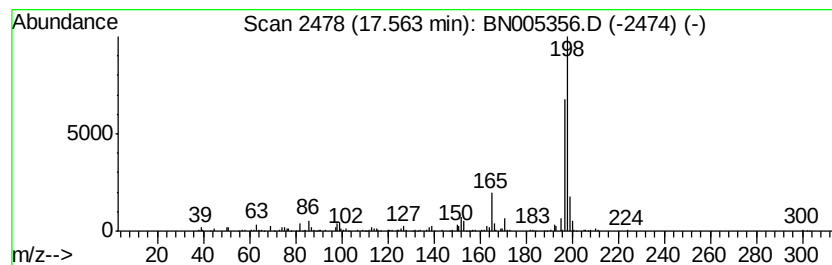
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Dibenzothiophene, 4-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.13 ng/ul	389797	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
3		9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
4		9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64
5		Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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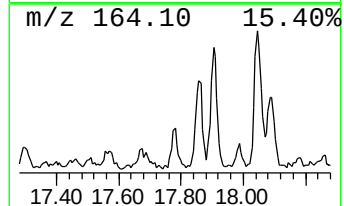
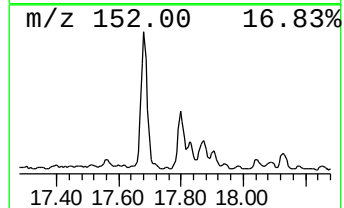
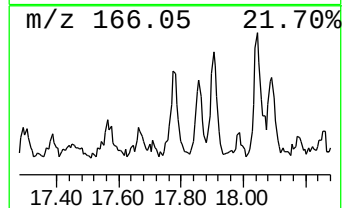
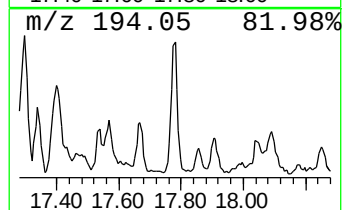
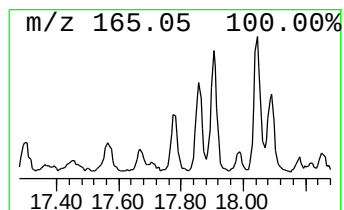
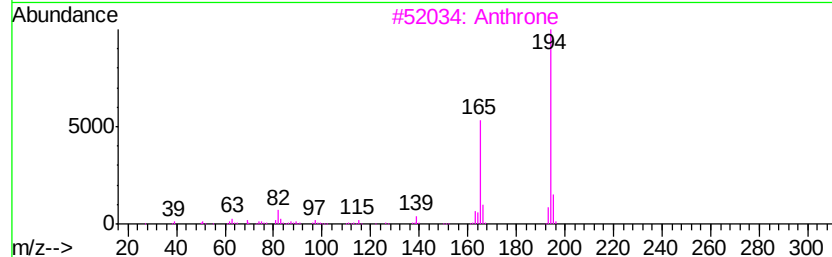
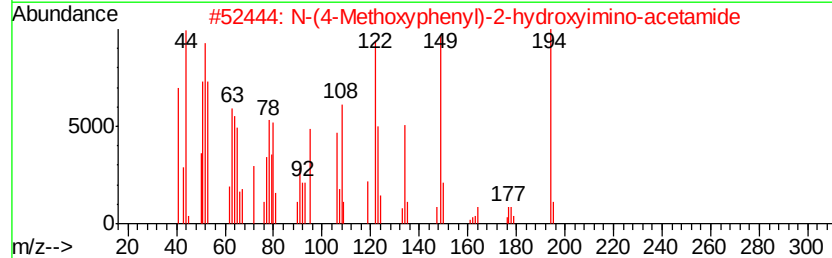
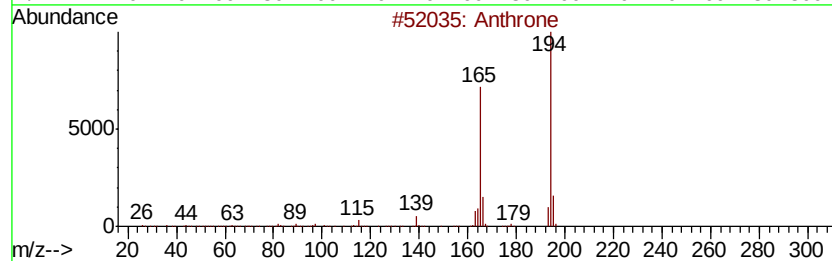
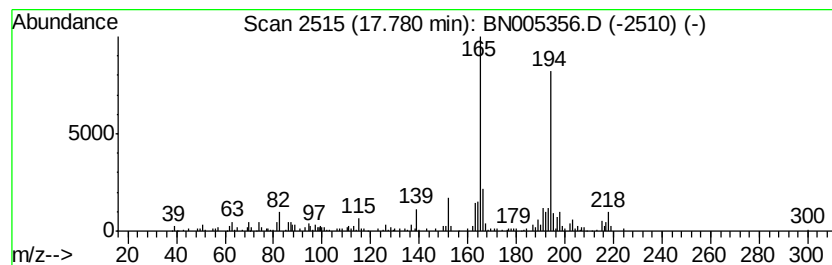
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Anthrone Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.03 ng/ul	371300	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthrone	194	C14H10O	000090-44-8	93
2		N-(4-Methoxyphenyl)-2-hydroxymi...	194	C9H10N2O3	1000143-61-3	92
3		Anthrone	194	C14H10O	000090-44-8	90
4		1-Phenanthrenol	194	C14H10O	002433-56-9	81
5		3-Phenanthrol	194	C14H10O	000605-87-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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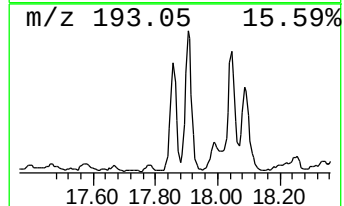
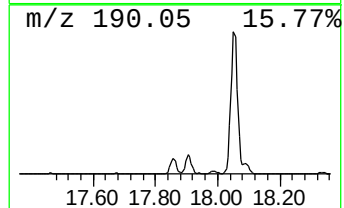
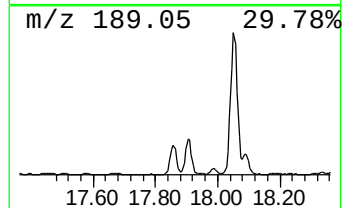
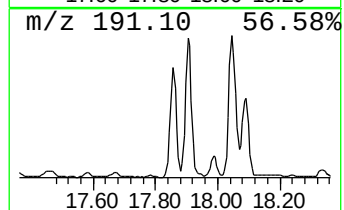
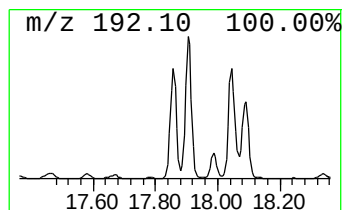
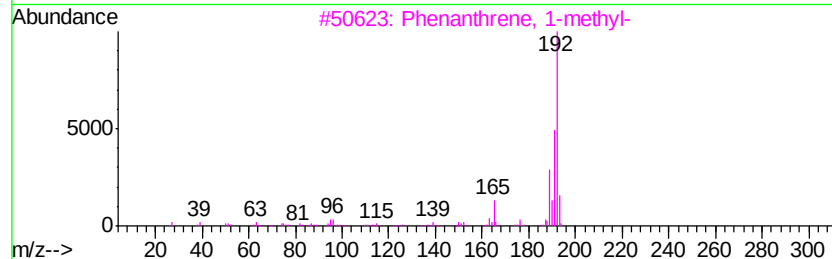
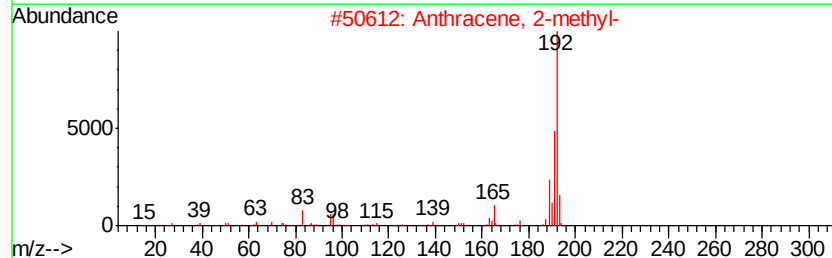
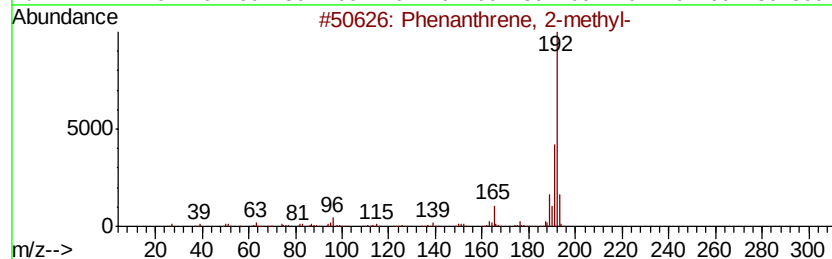
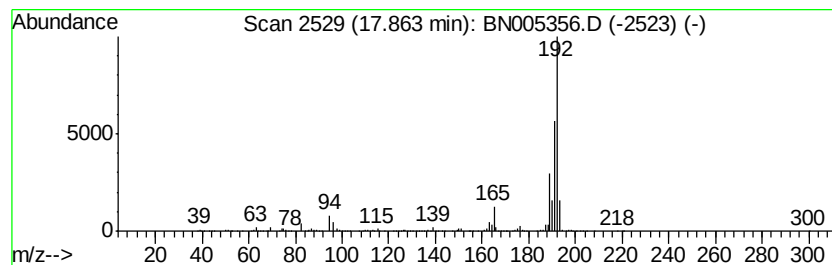
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	9.78 ng/ul	1789880	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN6DL

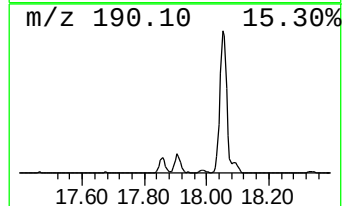
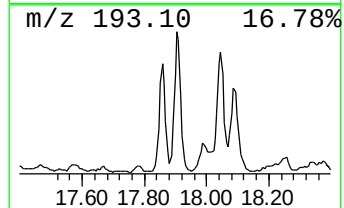
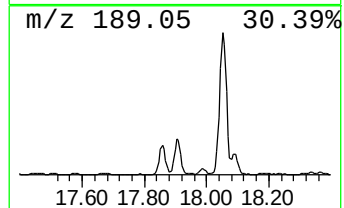
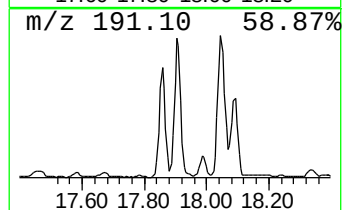
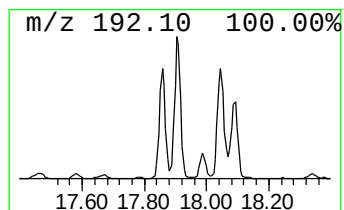
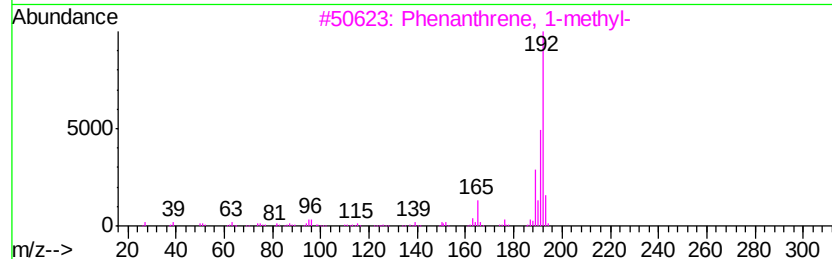
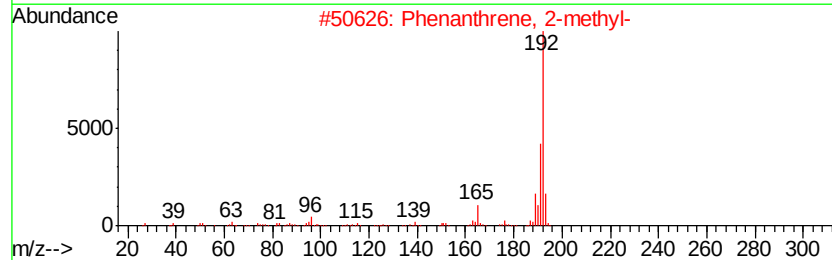
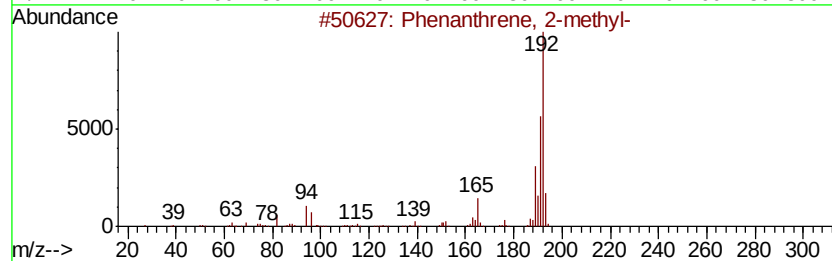
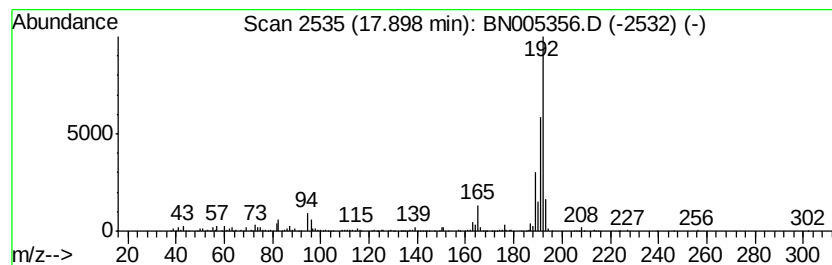
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	13.38 ng/ul	2449290	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
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Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

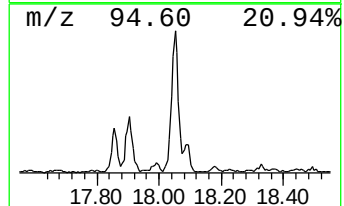
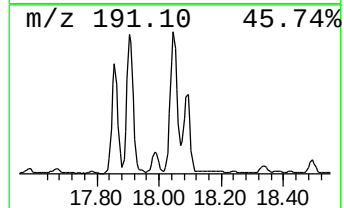
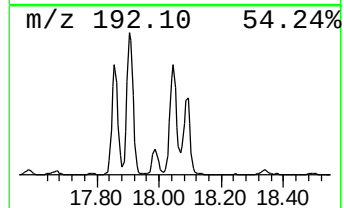
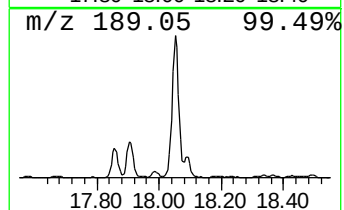
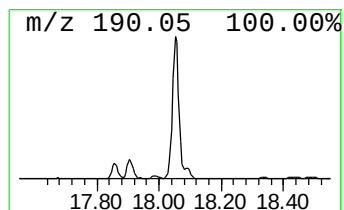
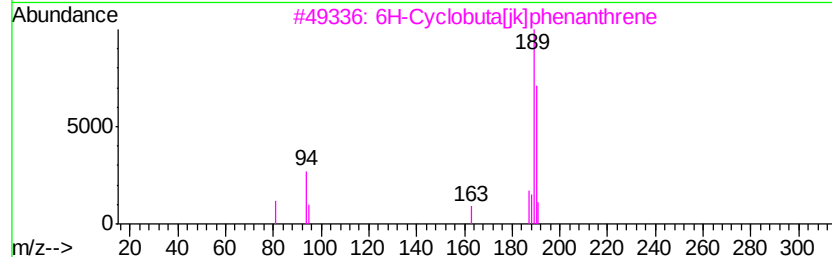
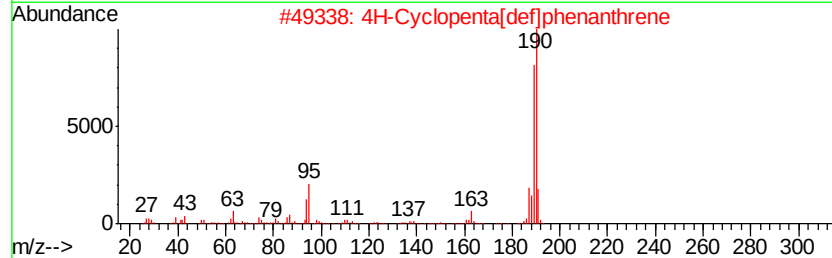
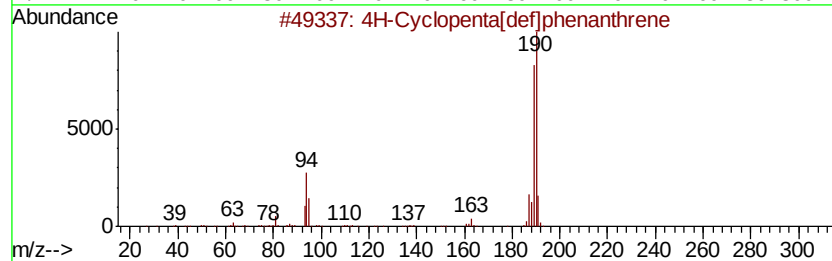
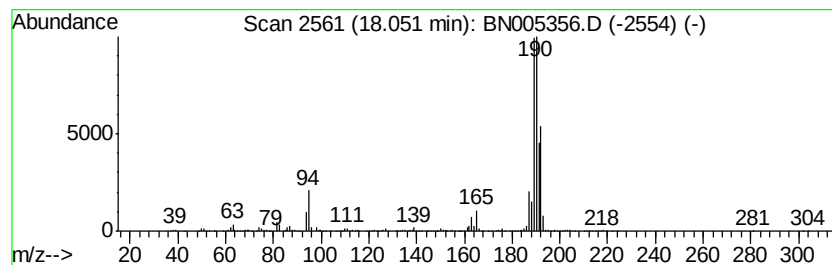
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.05	24.37 ng/ul	4461790	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92	
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53	
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53	
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45	
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN6DL

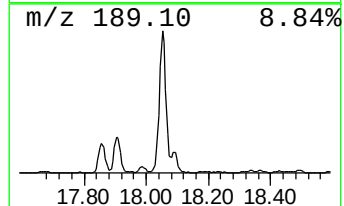
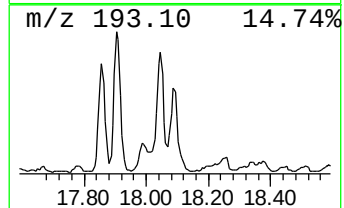
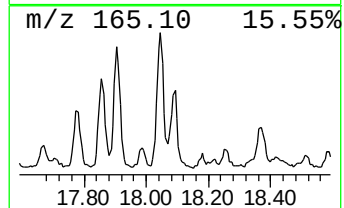
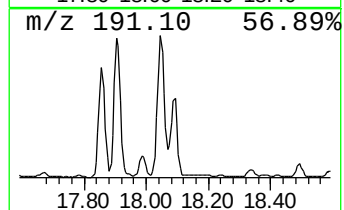
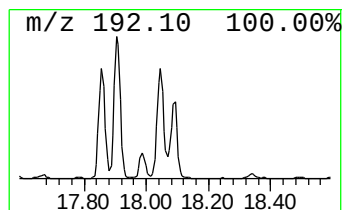
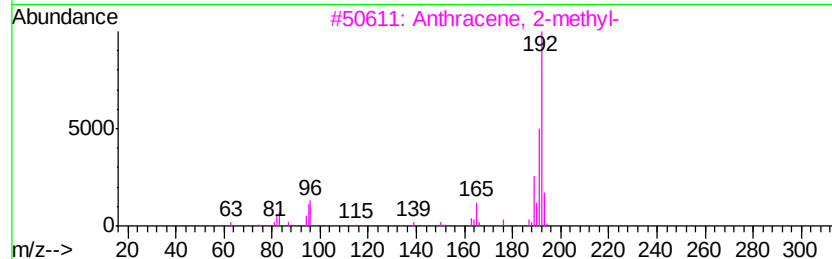
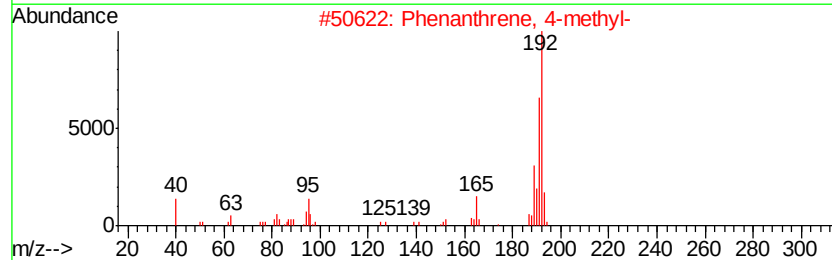
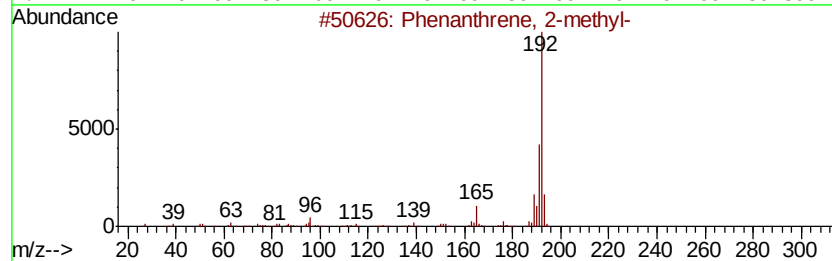
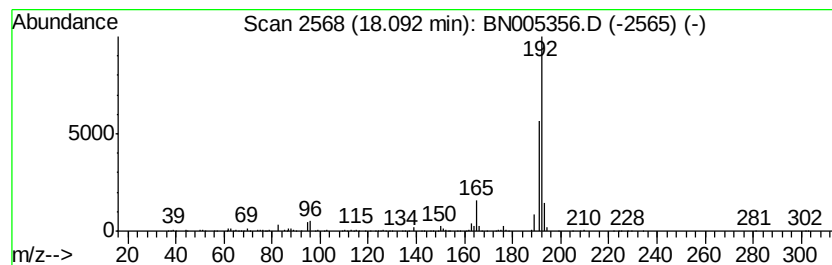
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	6.16 ng/ul	1127410	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN6DL

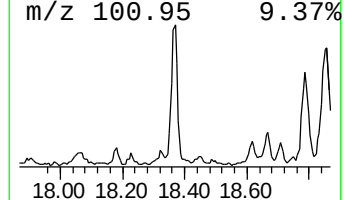
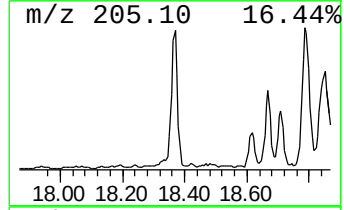
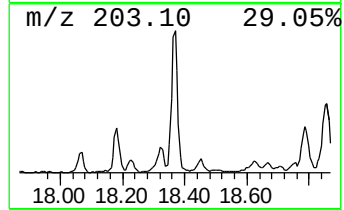
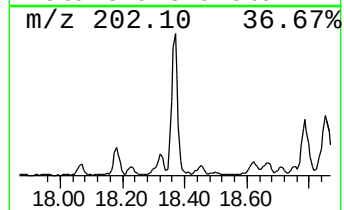
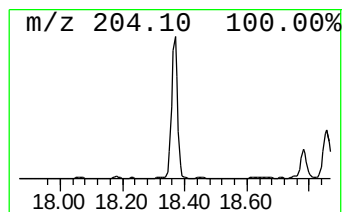
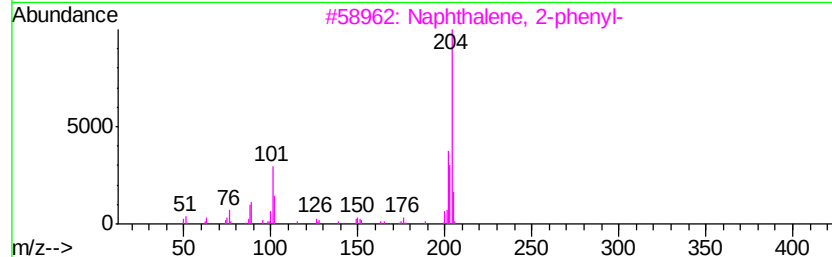
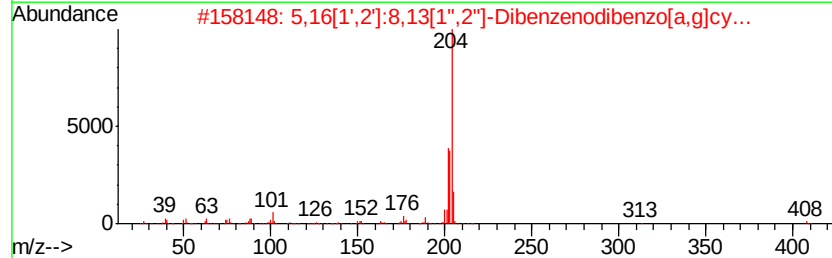
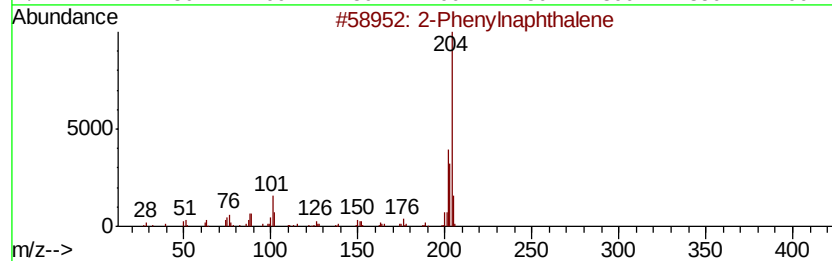
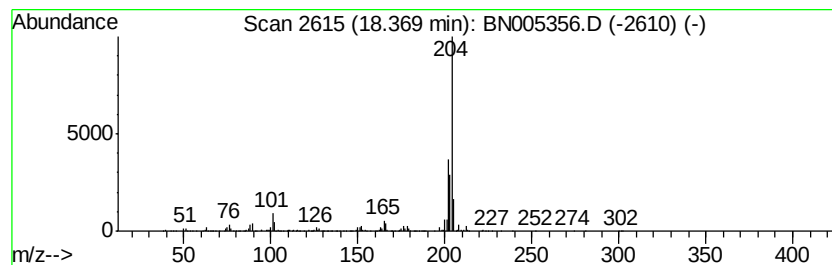
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 2-Phenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	8.39 ng/ul	1535120	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	89
2		5,16[1',2']: ^{8,13} [1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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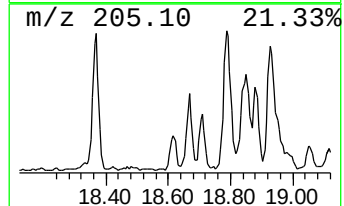
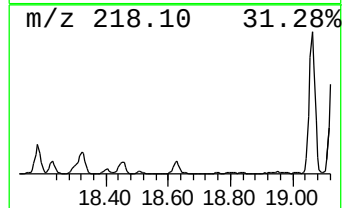
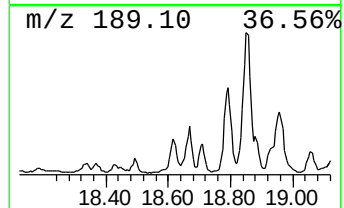
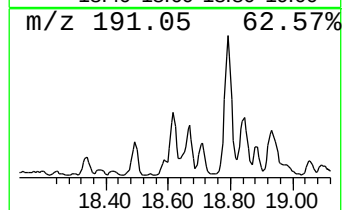
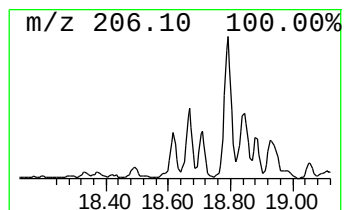
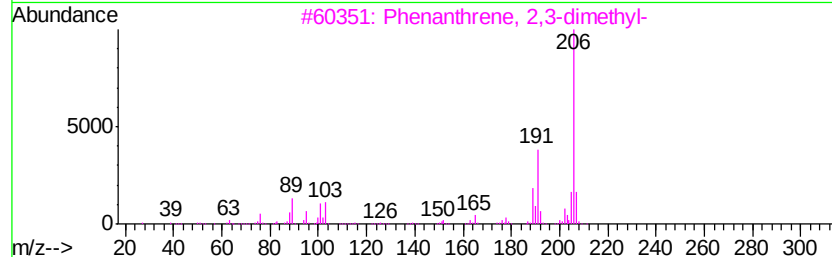
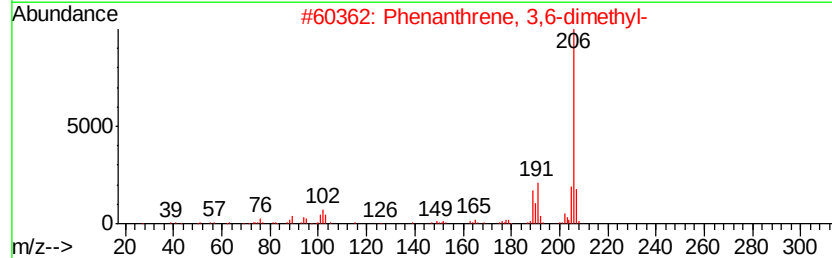
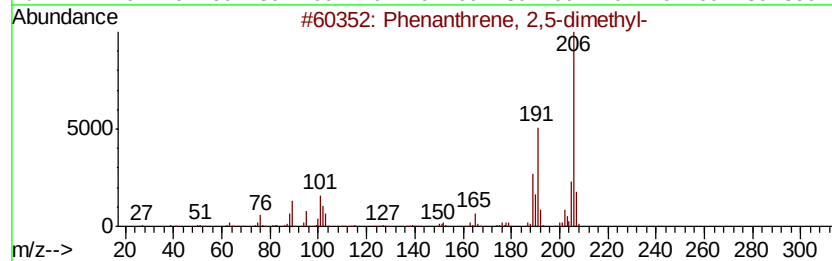
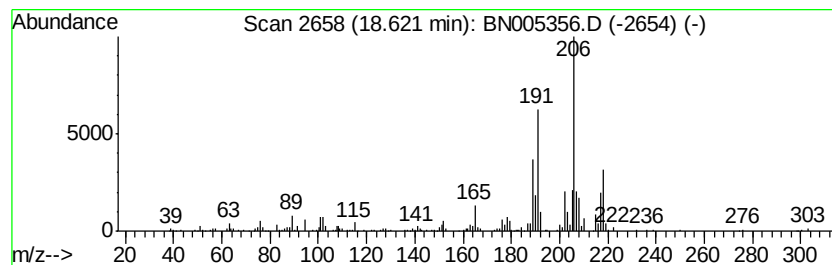
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Phenanthrene, 2,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.61 ng/ul	660234	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
5		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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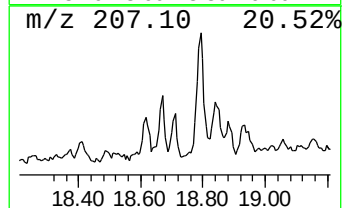
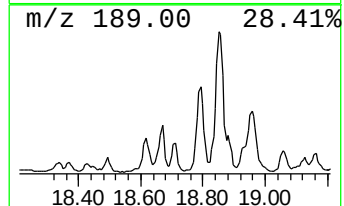
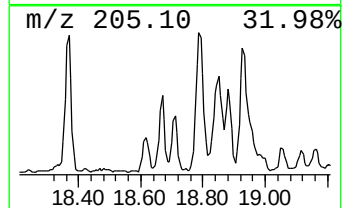
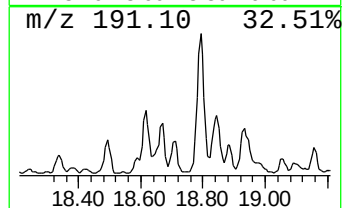
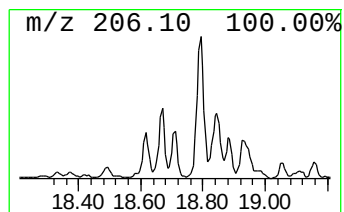
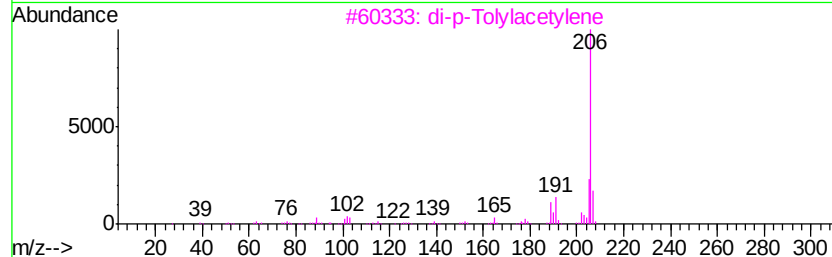
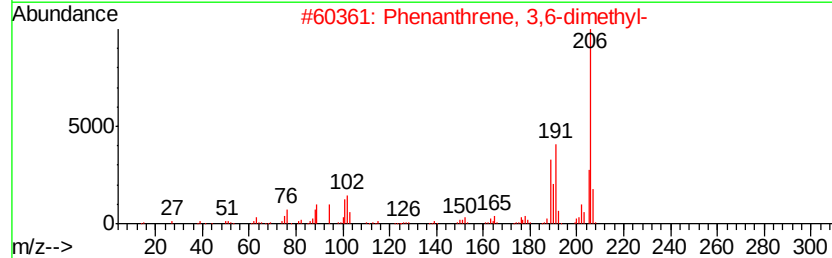
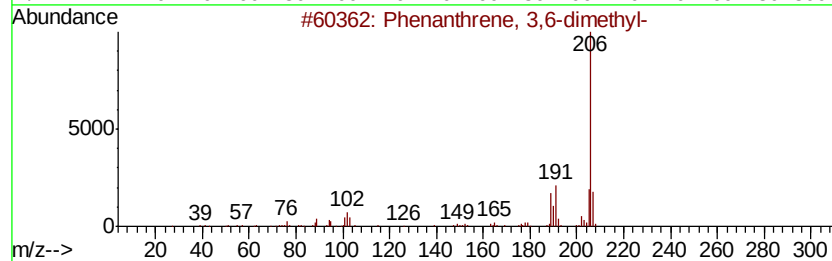
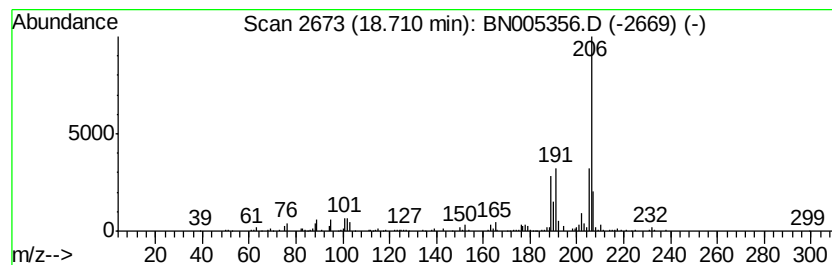
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Phenanthrene, 3,6-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	2.05 ng/ul	375848	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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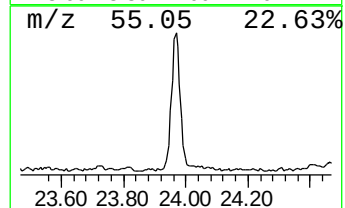
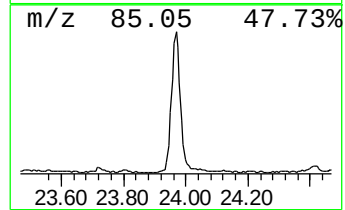
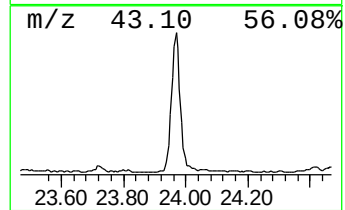
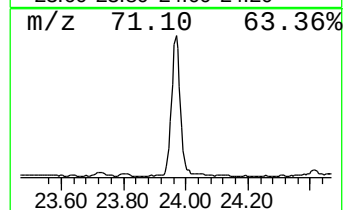
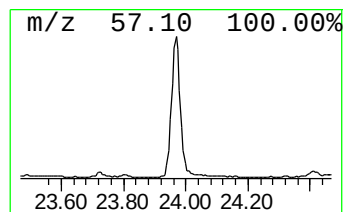
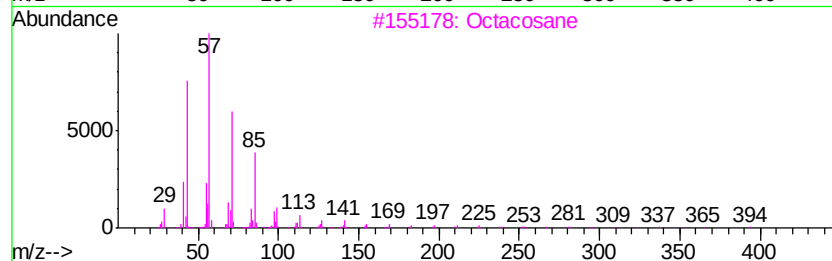
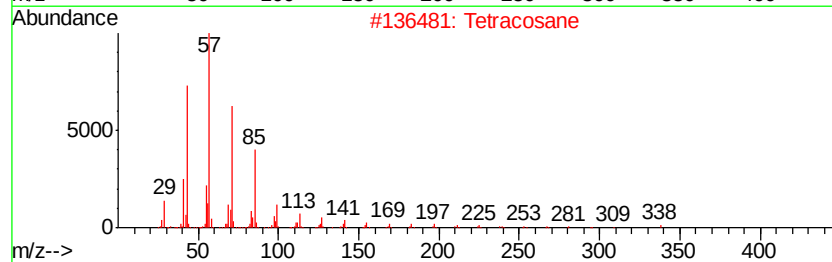
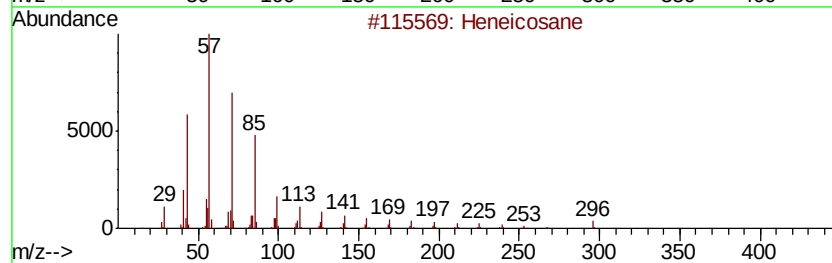
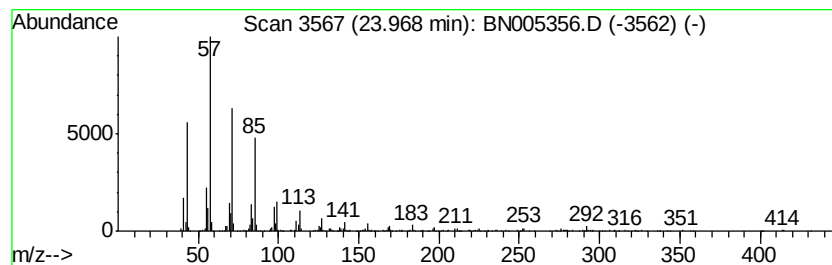
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	6.15 ng/ul	1236990	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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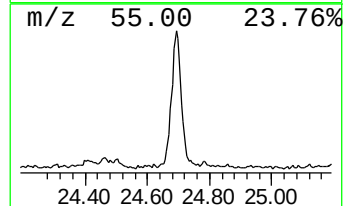
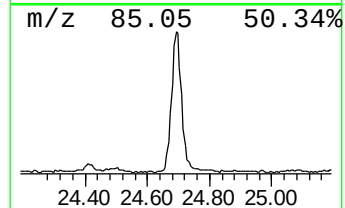
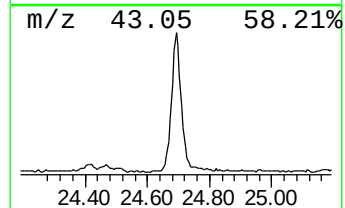
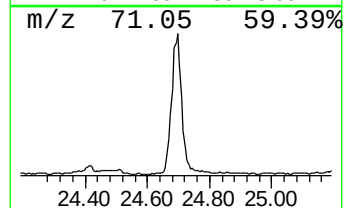
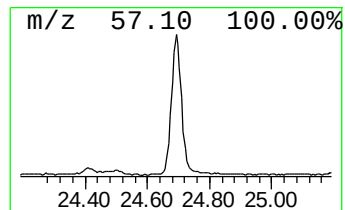
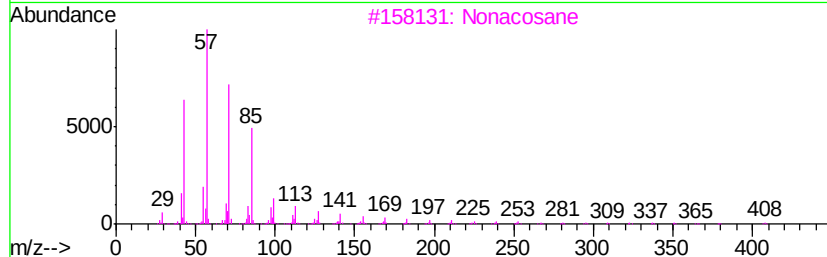
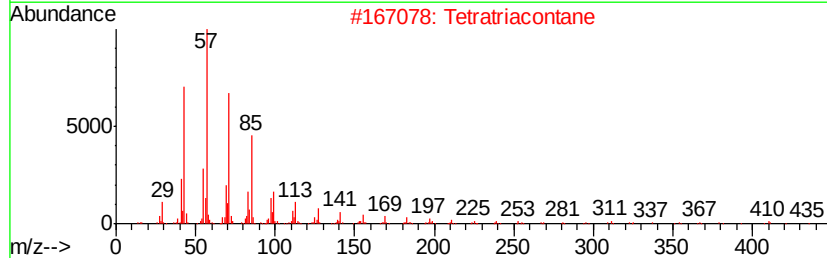
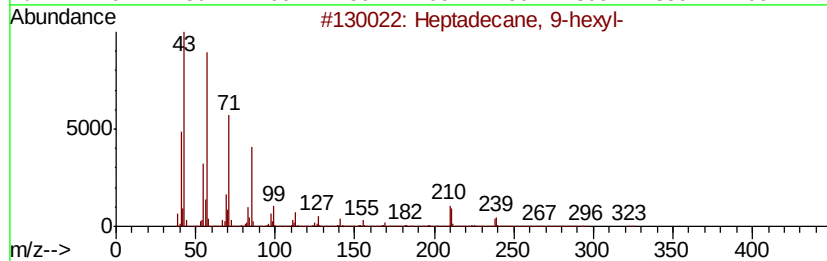
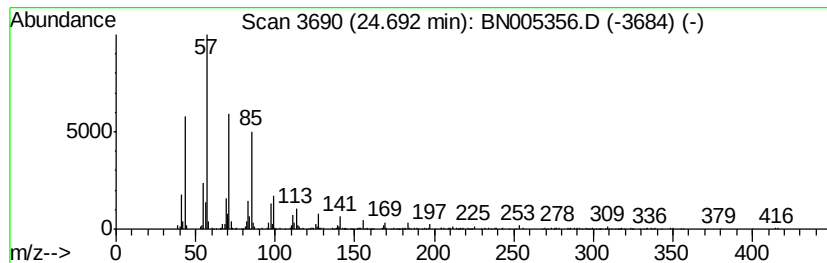
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	5.51 ng/ul	1109870	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
2			Tetratriacontane	479	C34H70	014167-59-0	91
3			Nonacosane	408	C29H60	000630-03-5	90
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5			Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042919\
 Data File : BN005356.D
 Acq On : 29 Apr 2019 18:00
 Operator : JU/SJ
 Sample : K2456-16DL 5X
 Misc :
 ALS Vial : 7 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
Naphthalene, 1-me...	12.25	22.1	ng/ul	2806880	2	10.35	2544320	20.0
Naphthalene, 2,6-...	13.38	7.3	ng/ul	1249860	3	14.23	3432240	20.0
Naphthalene, 2,3-...	13.55	13.2	ng/ul	2260740	3	14.23	3432240	20.0
Naphthalene, 1,3-...	13.78	5.8	ng/ul	1004550	3	14.23	3432240	20.0
Naphthalene, 1,4,...	14.45	2.5	ng/ul	432032	3	14.23	3432240	20.0
Naphthalene, 1,6,...	14.63	4.1	ng/ul	702372	3	14.23	3432240	20.0
Naphthalene, 2,3,...	14.71	3.3	ng/ul	565926	3	14.23	3432240	20.0
1,1'-Biphenyl, 3-...	14.84	6.1	ng/ul	1039150	3	14.23	3432240	20.0
Benzaldehyde, 2,4...	15.10	3.9	ng/ul	663948	3	14.23	3432240	20.0
unknown-01	15.49	2.4	ng/ul	412966	3	14.23	3432240	20.0
9H-Fluorene-9-ol	15.57	2.3	ng/ul	401782	3	14.23	3432240	20.0
unknown-02	15.97	3.0	ng/ul	541110	4	16.98	3661560	20.0
9H-Fluorene, 1-me...	16.29	5.7	ng/ul	1050620	4	16.98	3661560	20.0
9H-Fluorene, 3-me...	16.34	3.1	ng/ul	570939	4	16.98	3661560	20.0
9H-Fluorene, 2-me...	16.44	2.8	ng/ul	505103	4	16.98	3661560	20.0
Dibenzothiophene	16.80	2.2	ng/ul	402915	4	16.98	3661560	20.0
9H-Fluorene, 2,3-...	17.17	2.5	ng/ul	467476	4	16.98	3661560	20.0
Indeno[2,1-a]inde...	17.50	3.3	ng/ul	603778	4	16.98	3661560	20.0
Dibenzothiophene,...	17.56	2.1	ng/ul	389797	4	16.98	3661560	20.0
Anthrone	17.78	2.0	ng/ul	371300	4	16.98	3661560	20.0
Phenanthrene, 2-m...	17.86	9.8	ng/ul	1789880	4	16.98	3661560	20.0
Phenanthrene, 1-m...	17.90	13.4	ng/ul	2449290	4	16.98	3661560	20.0
4H-Cyclopenta[def...	18.05	24.4	ng/ul	4461790	4	16.98	3661560	20.0
Anthracene, 2-met...	18.09	6.2	ng/ul	1127410	4	16.98	3661560	20.0
2-Phenyl naphthalene	18.37	8.4	ng/ul	1535120	4	16.98	3661560	20.0
Phenanthrene, 2,5...	18.62	3.6	ng/ul	660234	4	16.98	3661560	20.0
Phenanthrene, 3,6...	18.71	2.0	ng/ul	375848	4	16.98	3661560	20.0
(DEL) Alkane: Str...	23.97	6.2	ng/ul	1236990	6	23.40	4025370	20.0
(DEL) Alkane: Str...	24.69	5.5	ng/ul	1109870	6	23.40	4025370	20.0