

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005306.D
 Acq On : 26 Apr 2019 06:28
 Operator : JU/SJ
 Sample : K2456-10 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

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	775	783	794	rBV	1949598	3079379	17.99%	1.268%
2	10.352	1243	1252	1258	rBV	2793927	4827520	28.21%	1.988%
3	11.804	1492	1499	1504	rBV	620279	934351	5.46%	0.385%
4	12.022	1530	1536	1544	rVB	1079168	1700797	9.94%	0.700%
5	12.246	1568	1574	1586	rVB	1226109	1986367	11.61%	0.818%
6	13.069	1706	1714	1725	rBV	1009902	1526810	8.92%	0.629%
7	13.251	1740	1745	1759	rVB	442073	1085004	6.34%	0.447%
8	13.387	1759	1768	1770	rBV	2434871	4341506	25.37%	1.788%
9	13.546	1786	1795	1800	rVV	3079308	5336307	31.18%	2.197%
10	13.598	1800	1804	1809	rVV	1930908	2767744	16.17%	1.140%
11	13.646	1809	1812	1814	rVV	412824	576309	3.37%	0.237%
12	13.675	1814	1817	1823	rVV2	833897	1374987	8.03%	0.566%
13	13.781	1830	1835	1839	rVV	1299395	2018780	11.80%	0.831%
14	13.945	1852	1863	1873	rBV2	3245746	5413415	31.63%	2.229%
15	14.151	1893	1898	1903	rBV	791680	1059931	6.19%	0.436%
16	14.228	1903	1911	1917	rVV2	4013252	6193622	36.19%	2.550%
17	14.287	1917	1921	1925	rVV2	506421	683842	4.00%	0.282%
18	14.440	1941	1947	1956	rVB	518629	1154681	6.75%	0.475%
19	14.634	1970	1980	1987	rBV2	794808	1562564	9.13%	0.643%
20	14.710	1987	1993	1998	rVB	892977	1212377	7.08%	0.499%
21	14.845	2009	2016	2022	rBV2	684435	1650195	9.64%	0.679%
22	14.904	2022	2026	2030	rVB	581949	738087	4.31%	0.304%
23	15.110	2055	2061	2066	rVB2	890066	1379086	8.06%	0.568%
24	15.222	2075	2080	2085	rVB3	1037867	1694178	9.90%	0.698%
25	15.281	2085	2090	2095	rBV	2206127	3481763	20.34%	1.434%
26	15.498	2122	2127	2135	rVB7	270932	711573	4.16%	0.293%
27	15.575	2135	2140	2144	rBV	349455	604720	3.53%	0.249%
28	15.734	2159	2167	2174	rVB6	269034	683815	4.00%	0.282%
29	15.975	2201	2208	2212	rBV3	606779	1268366	7.41%	0.522%
30	16.287	2254	2261	2266	rBV2	660456	1427829	8.34%	0.588%
31	16.340	2266	2270	2275	rVB2	712245	1025962	5.99%	0.422%
32	16.439	2282	2287	2293	rVB3	417090	705428	4.12%	0.290%
33	16.557	2303	2307	2312	rVB3	325645	484721	2.83%	0.200%
34	16.981	2373	2379	2383	rBV2	4760455	7511712	43.89%	3.093%

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35	17.022	2383	2386	2392	rVV	9040833	13028157	76.13%	5.364%
36	17.081	2392	2396	2398	rVV2	548599	778732	4.55%	0.321%
37	17.110	2398	2401	2406	rVV	1176898	1597925	9.34%	0.658%
38	17.175	2406	2412	2417	rVV3	410236	865559	5.06%	0.356%
39	17.510	2465	2469	2473	rBV	746231	924409	5.40%	0.381%
40	17.563	2474	2478	2485	rVB2	473340	715336	4.18%	0.295%
41	17.651	2488	2493	2497	rBV	755330	1240844	7.25%	0.511%
42	17.863	2523	2529	2533	rBV	2886196	4136123	24.17%	1.703%
43	17.910	2533	2537	2545	rVB	3482730	4775039	27.90%	1.966%
44	17.986	2546	2550	2555	rBV	436436	622301	3.64%	0.256%
45	18.051	2555	2561	2565	rVV2	3724742	6374727	37.25%	2.625%
46	18.092	2565	2568	2574	rVB	1782908	2284579	13.35%	0.941%
47	18.328	2601	2608	2611	rBV3	314211	596119	3.48%	0.245%
48	18.369	2611	2615	2618	rVV	1539861	2109126	12.32%	0.868%
49	18.404	2618	2621	2627	rVB2	1443525	2007681	11.73%	0.827%
50	18.622	2654	2658	2662	rVV2	679709	1116252	6.52%	0.460%
51	18.669	2662	2666	2670	rVV	812289	1168790	6.83%	0.481%
52	18.710	2670	2673	2677	rVB	501568	618149	3.61%	0.255%
53	18.792	2682	2687	2692	rVV2	1643489	2812412	16.43%	1.158%
54	18.851	2692	2697	2701	rVV3	1324695	2577740	15.06%	1.061%
55	18.886	2701	2703	2706	rVV	777805	816650	4.77%	0.336%
56	18.928	2706	2710	2724	rVV3	1206653	3145130	18.38%	1.295%
57	19.057	2727	2732	2738	rVV	6905585	9562882	55.88%	3.937%
58	19.128	2740	2744	2748	rVV	799083	1230353	7.19%	0.507%
59	19.163	2748	2750	2754	rVV3	507814	800358	4.68%	0.330%
60	19.210	2754	2758	2762	rVV	1739997	2307884	13.49%	0.950%
61	19.263	2762	2767	2771	rVV	787948	1086347	6.35%	0.447%
62	19.328	2771	2778	2785	rVB2	541569	1124413	6.57%	0.463%
63	19.428	2785	2795	2803	rBV	10891378	17113688	100.00%	7.046%
64	19.510	2804	2809	2814	rVB3	384245	696799	4.07%	0.287%
65	19.663	2831	2835	2842	rVB5	385701	826261	4.83%	0.340%
66	19.757	2846	2851	2861	rBV3	1471899	3046121	17.80%	1.254%
67	19.898	2869	2875	2877	rVV4	1390528	2576695	15.06%	1.061%
68	19.928	2877	2880	2885	rVB	2353474	3247713	18.98%	1.337%
69	20.033	2893	2898	2903	rVV	1678607	2461381	14.38%	1.013%
70	20.092	2903	2908	2911	rVV	2029162	2809403	16.42%	1.157%
71	20.228	2927	2931	2935	rVV	1632791	2141682	12.51%	0.882%

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72	20.275	2935	2939	2944	rVB2	1993834	2598368	15.18%	1.070%
73	20.533	2979	2983	2986	rBV2	365364	597367	3.49%	0.246%
74	20.651	2998	3003	3006	rBV	443514	863126	5.04%	0.355%
75	20.686	3006	3009	3016	rVB2	614767	1207711	7.06%	0.497%
76	20.857	3028	3038	3041	rBV6	461055	1348740	7.88%	0.555%
77	20.892	3041	3044	3048	rBV	1110633	1282671	7.50%	0.528%
78	20.927	3048	3050	3054	rVB	558922	564644	3.30%	0.232%
79	21.216	3091	3099	3103	rBV2	7846872	16309958	95.30%	6.715%
80	21.257	3103	3106	3112	rVB	4151509	5738851	33.53%	2.363%
81	21.422	3130	3134	3140	rVB	1493800	2197098	12.84%	0.905%
82	21.716	3181	3184	3187	rBV	494536	626831	3.66%	0.258%
83	21.775	3187	3194	3198	rVV	1640149	2473197	14.45%	1.018%
84	21.822	3198	3202	3208	rVB2	1042000	1568013	9.16%	0.646%
85	21.892	3209	3214	3216	rBV2	574107	938602	5.48%	0.386%
86	21.963	3222	3226	3229	rBV	772574	1072189	6.27%	0.441%
87	21.992	3229	3231	3236	rVB	1126628	1408576	8.23%	0.580%
88	22.069	3241	3244	3249	rVB	459762	614427	3.59%	0.253%
89	22.304	3281	3284	3289	rVB3	469506	658195	3.85%	0.271%
90	22.604	3333	3335	3344	rVB4	276320	570069	3.33%	0.235%
91	22.774	3357	3364	3368	rBV2	1961424	4768631	27.86%	1.963%
92	22.933	3387	3391	3401	rVB	733217	1354601	7.92%	0.558%
93	23.233	3437	3442	3447	rBV	1261688	2074051	12.12%	0.854%
94	23.321	3453	3457	3462	rBV2	1414296	2345941	13.71%	0.966%
95	23.421	3468	3474	3480	rBV	3436954	6433457	37.59%	2.649%
96	23.998	3567	3572	3577	rVB	396204	696417	4.07%	0.287%
97	24.263	3612	3617	3624	rVB3	277871	560001	3.27%	0.231%
98	24.721	3691	3695	3702	rVB3	311129	610386	3.57%	0.251%
99	25.592	3834	3843	3857	rVB3	800650	2578112	15.06%	1.061%
100	26.257	3950	3956	3967	rVB	462192	1267290	7.41%	0.522%

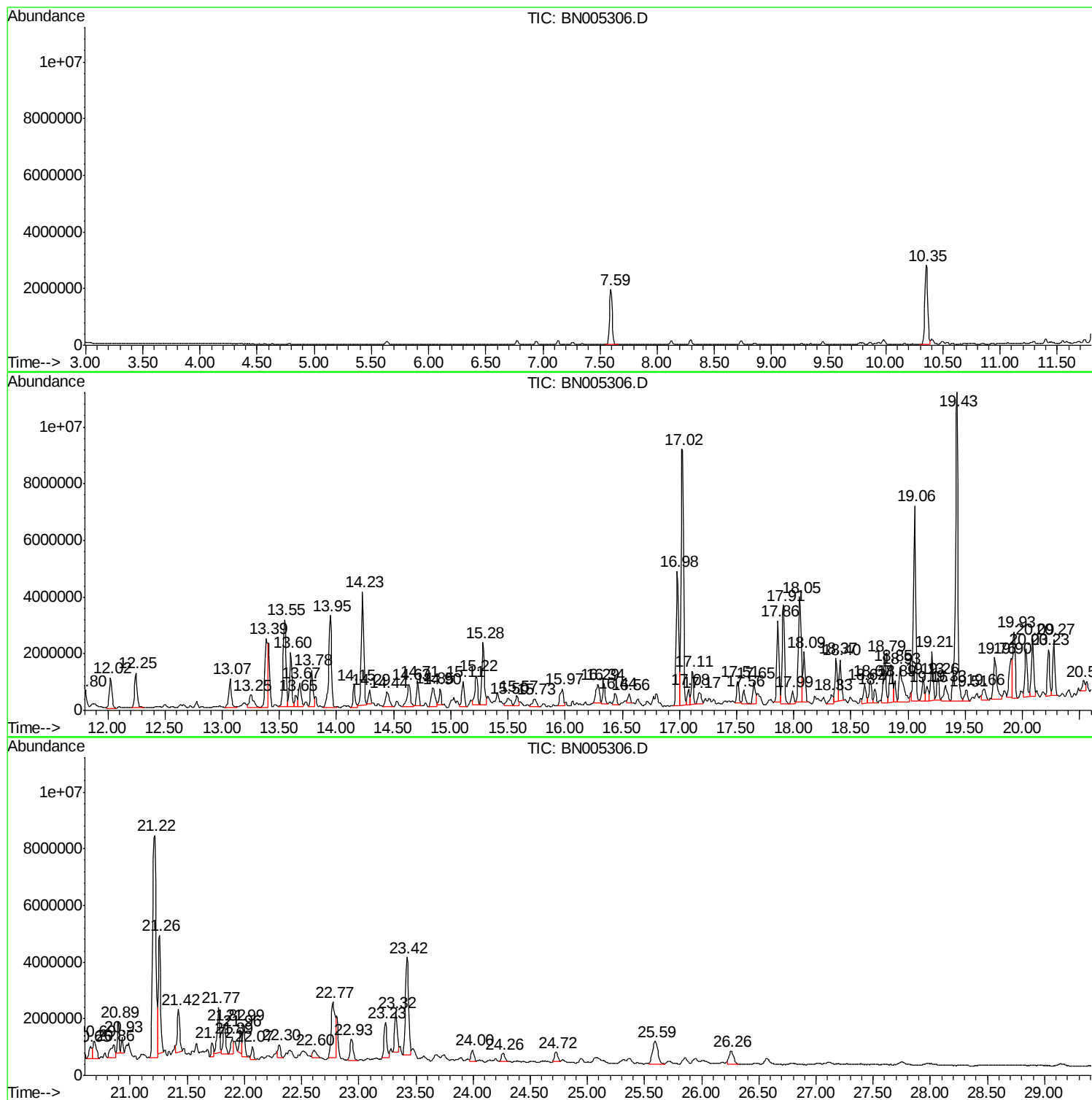
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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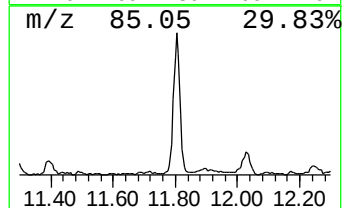
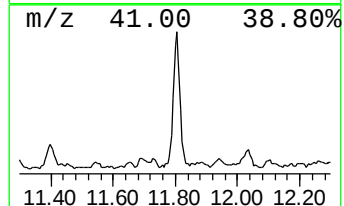
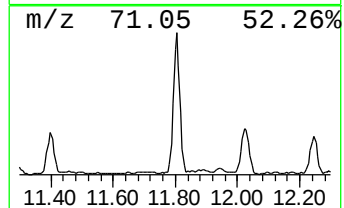
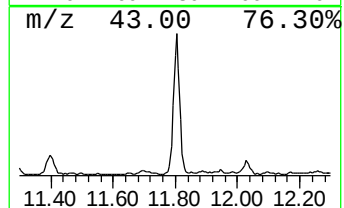
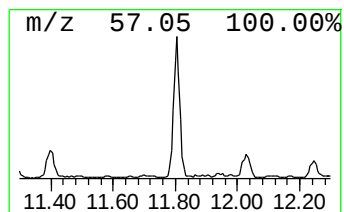
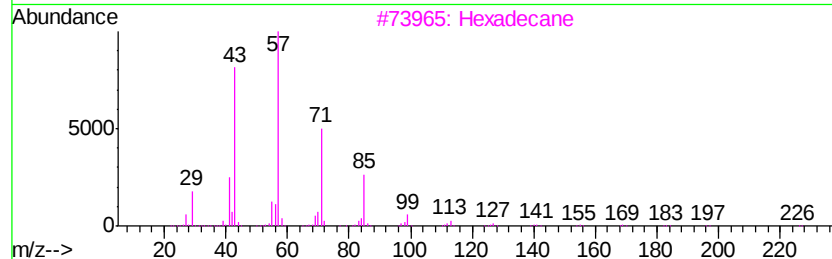
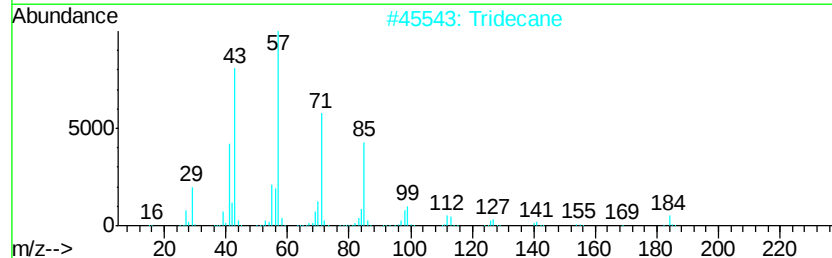
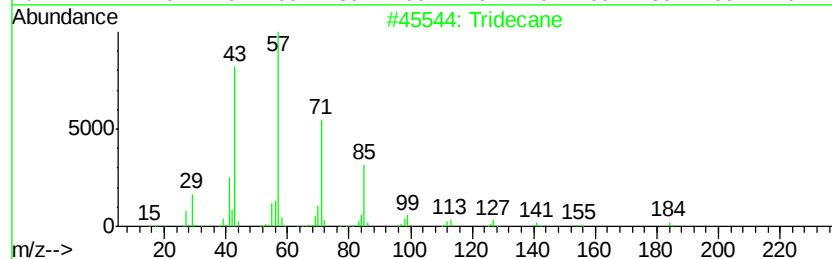
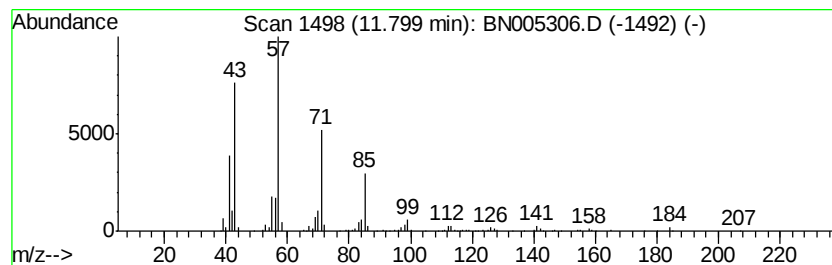
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.87 ng/ul	934351	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Tridecane	184	C13H28	000629-50-5	93
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Eicosane	282	C20H42	000112-95-8	90



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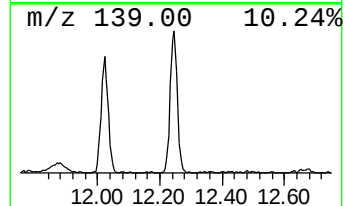
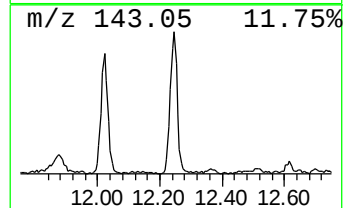
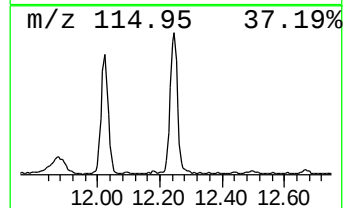
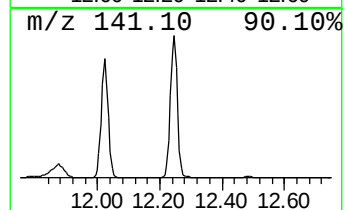
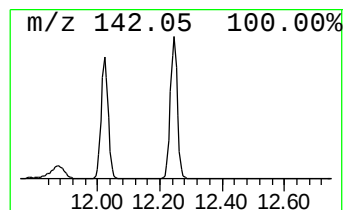
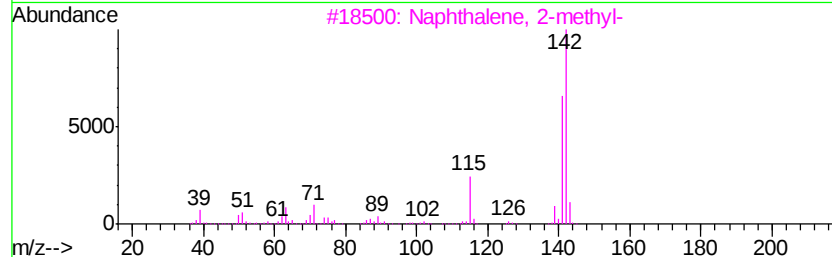
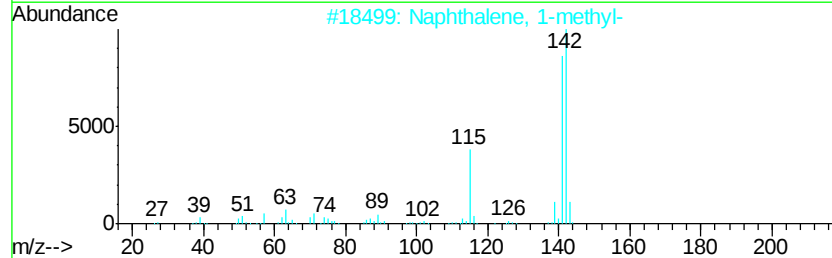
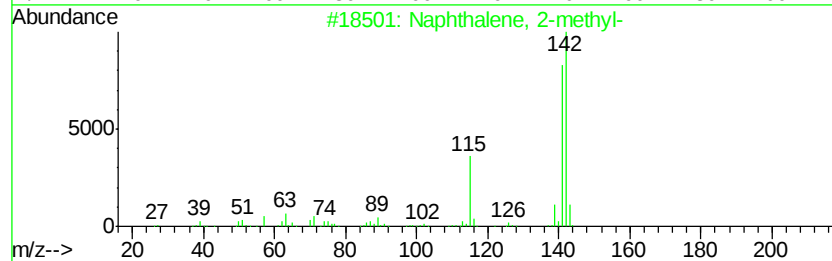
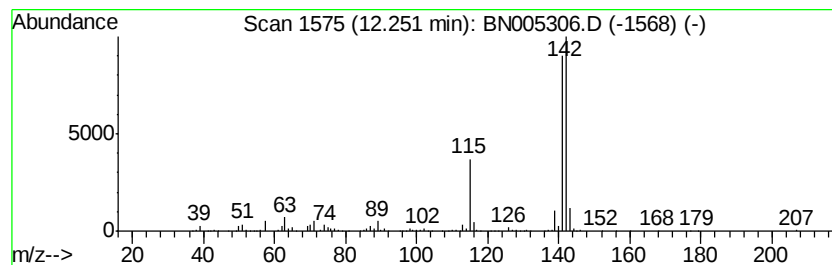
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	8.23 ng/ul	1986370	Naphthalene-d8	10.35

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, 2-methyl-	142	C11H10	000091-57-6	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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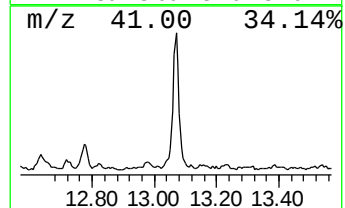
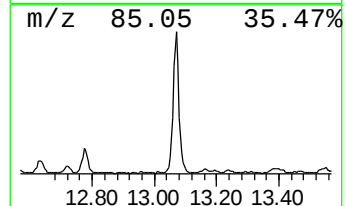
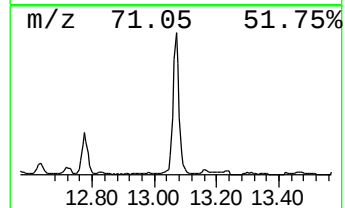
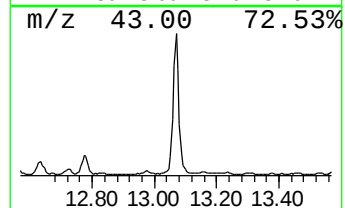
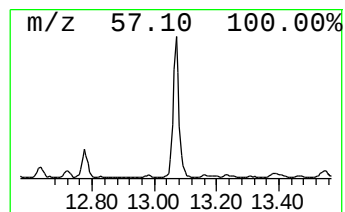
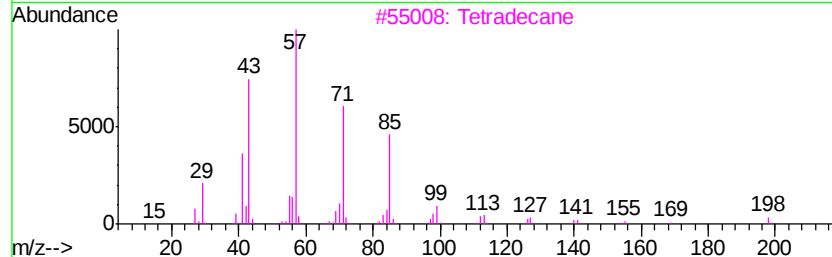
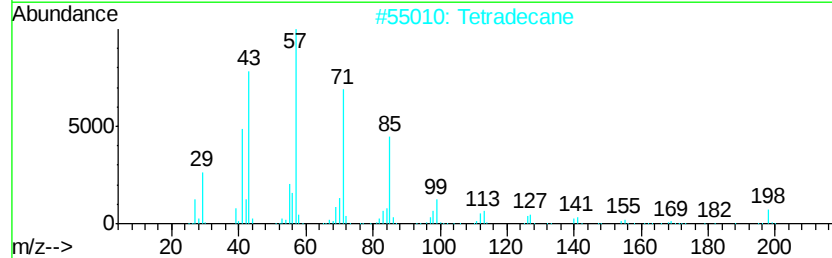
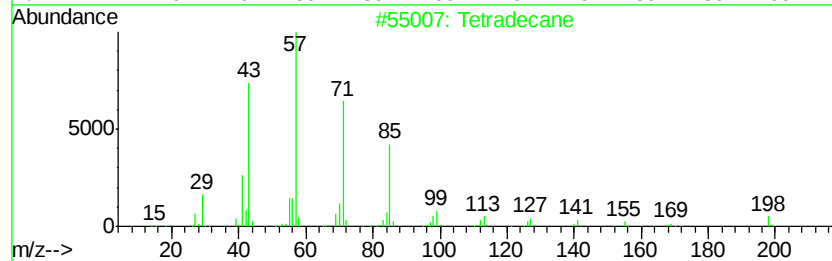
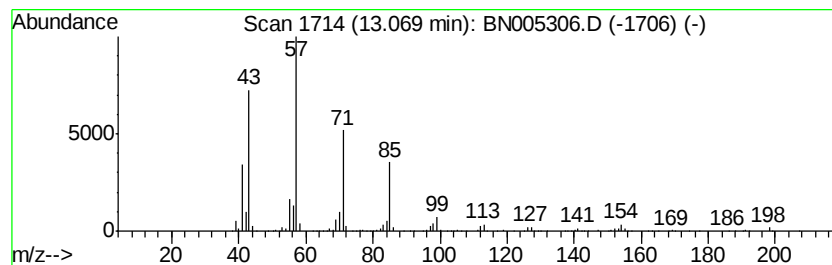
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	4.93 ng/ul	1526810	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Tetradecane	198	C14H30	000629-59-4	94
3			Tetradecane	198	C14H30	000629-59-4	94
4			Hexadecane	226	C16H34	000544-76-3	91
5			Hexadecane	226	C16H34	000544-76-3	90



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Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

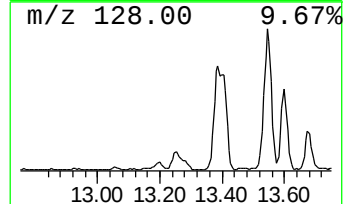
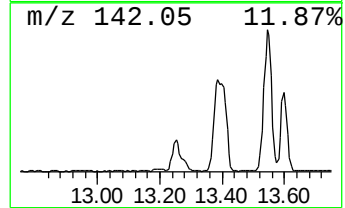
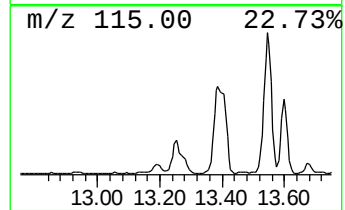
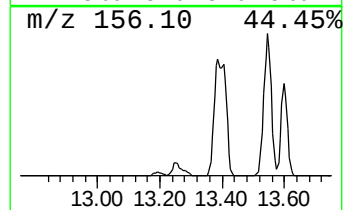
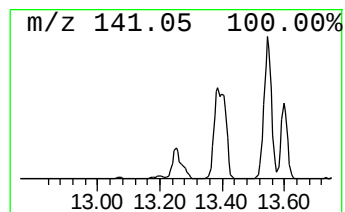
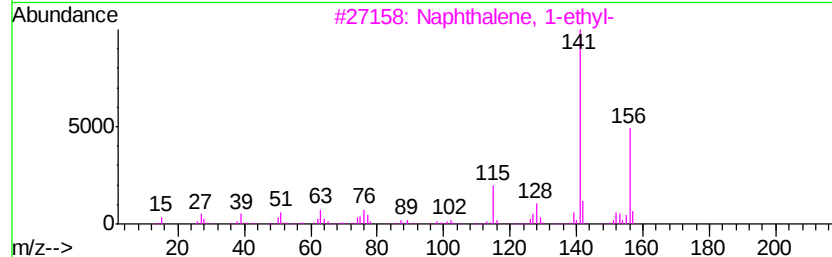
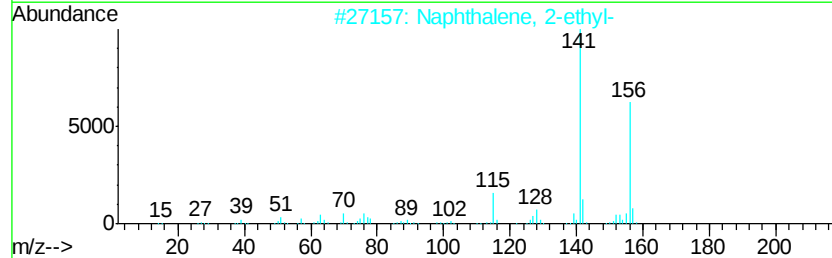
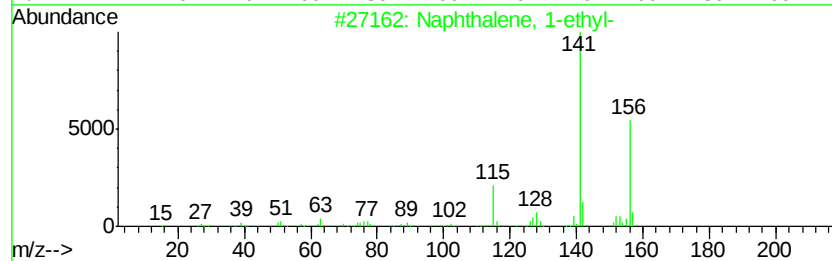
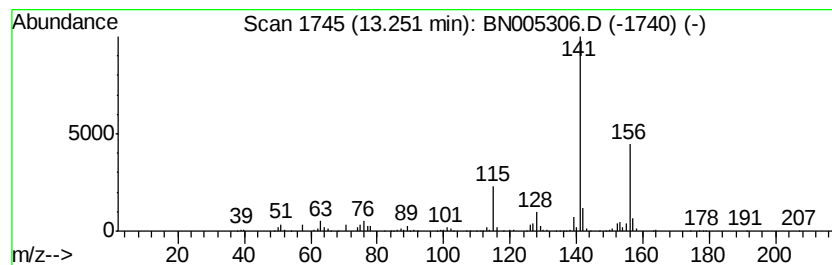
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.50 ng/ul	1085000	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 95
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
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Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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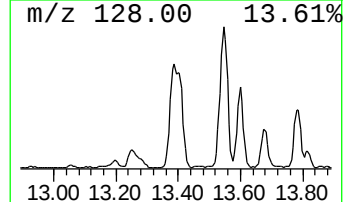
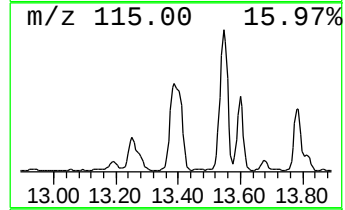
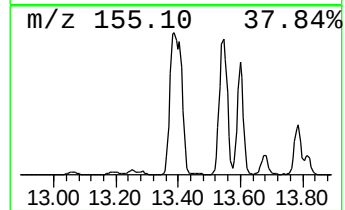
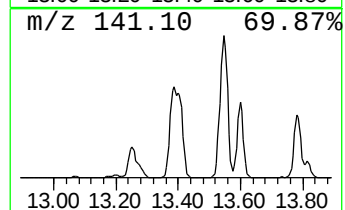
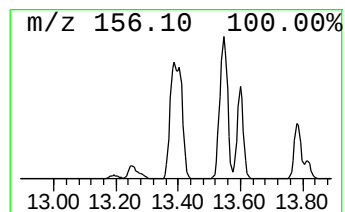
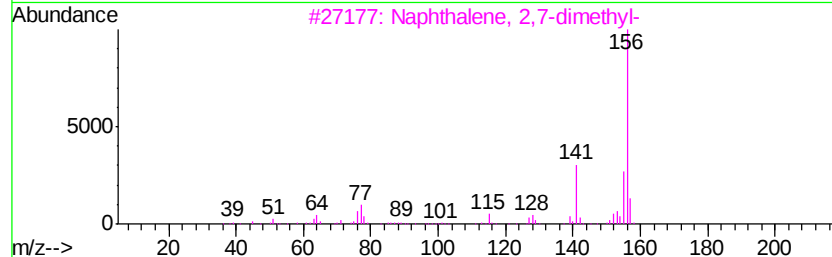
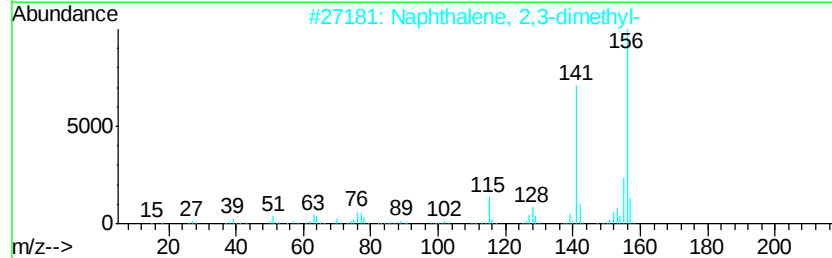
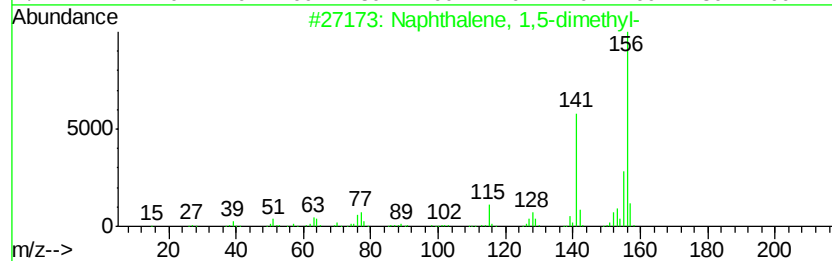
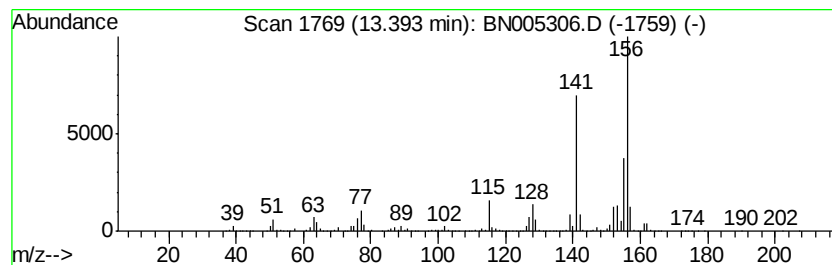
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	14.02 ng/ul	4341510	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, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
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Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

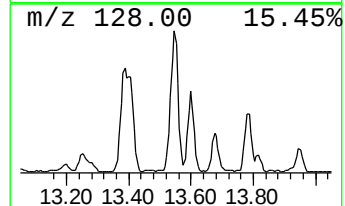
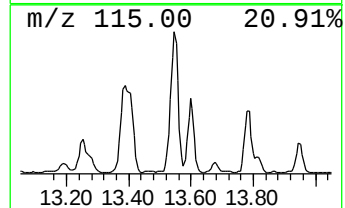
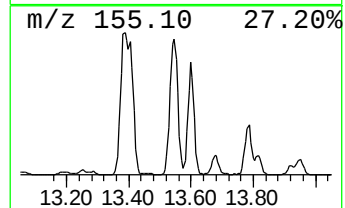
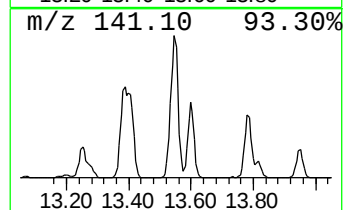
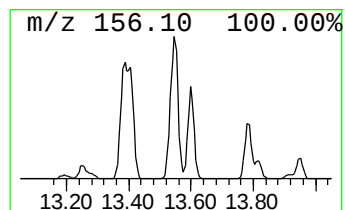
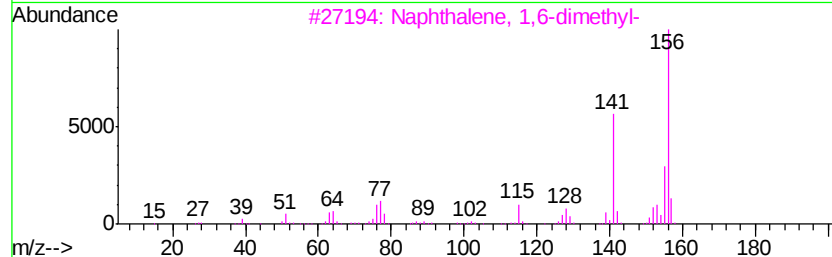
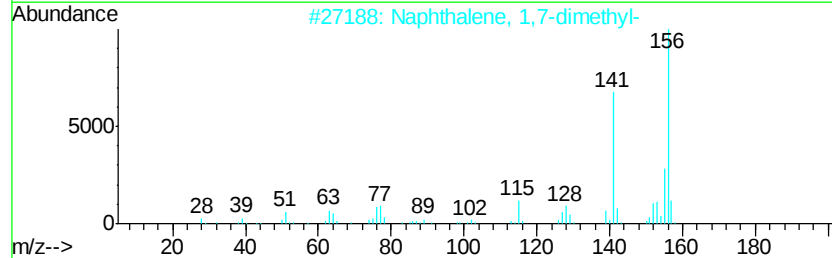
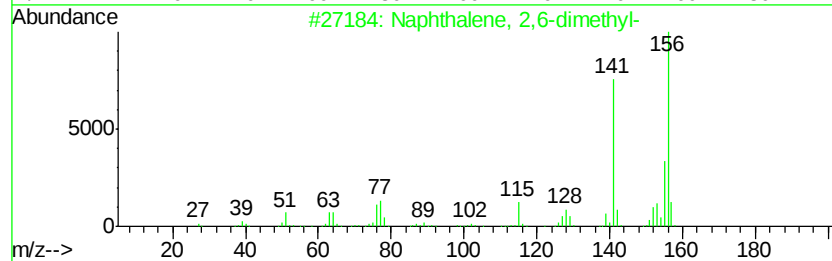
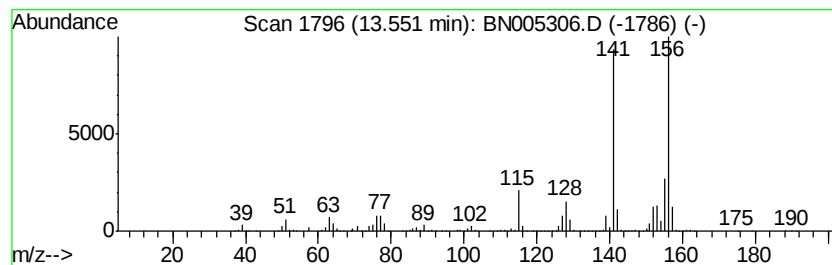
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	17.23 ng/ul	5336310	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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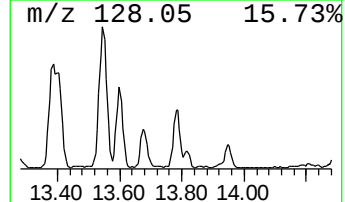
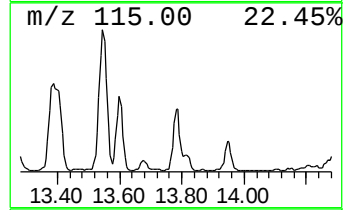
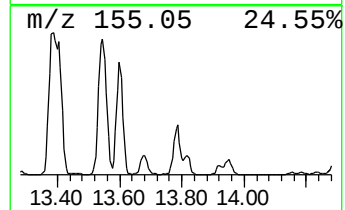
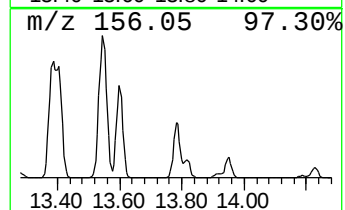
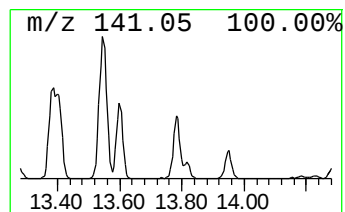
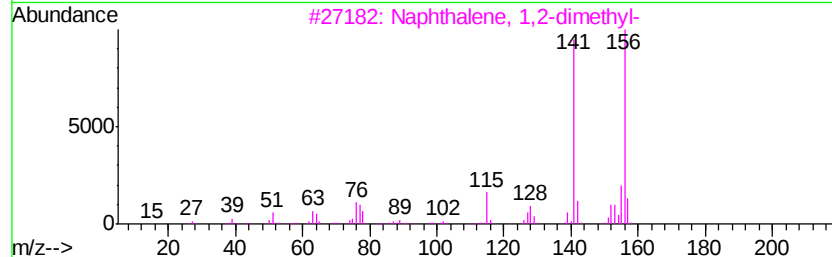
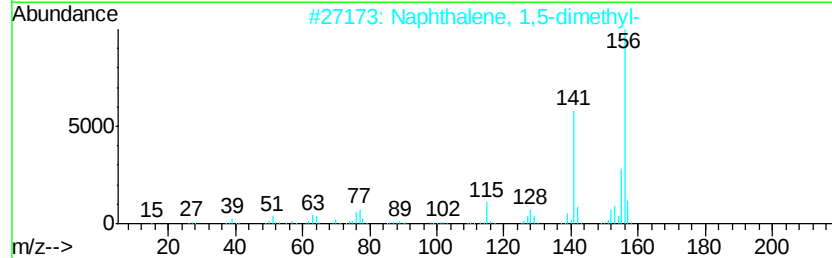
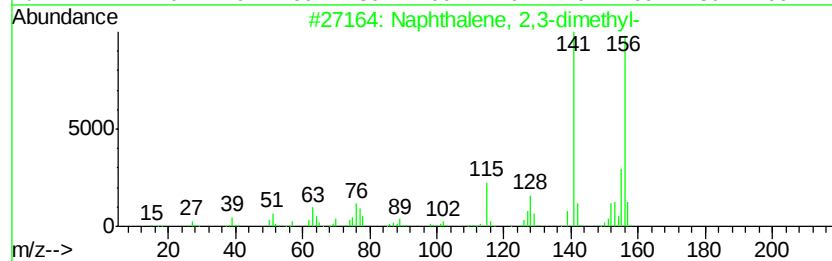
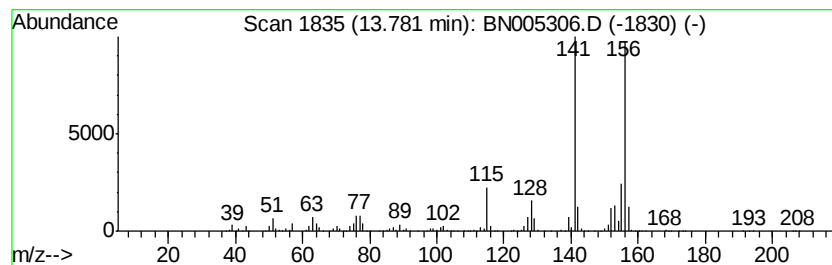
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	6.52 ng/ul	2018780	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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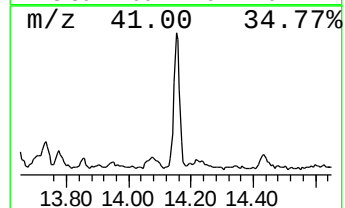
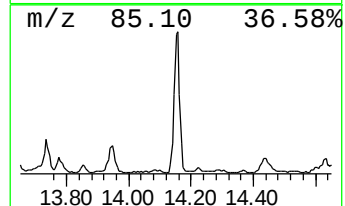
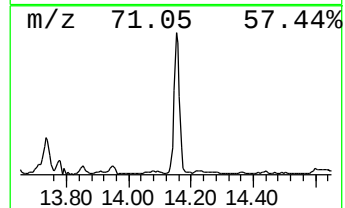
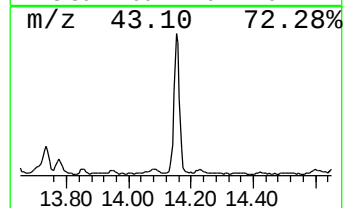
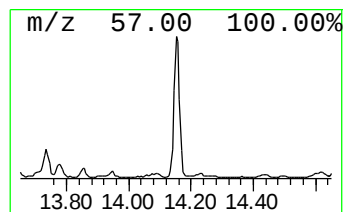
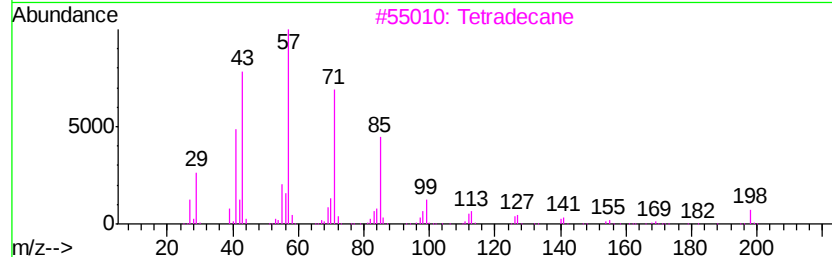
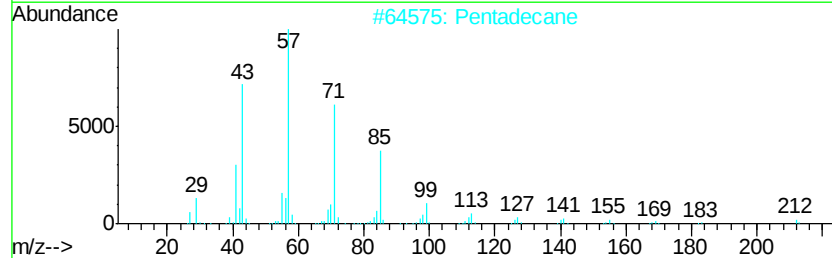
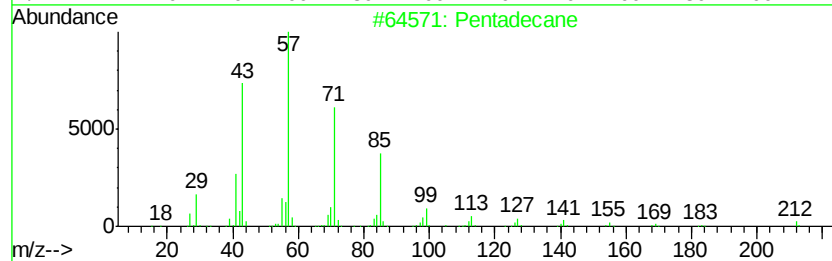
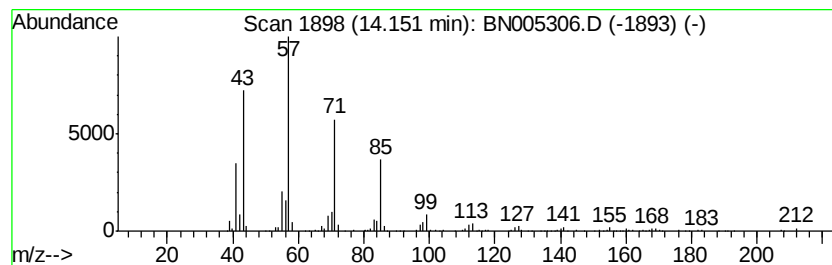
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	3.42 ng/ul	1059930	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	96
2			Pentadecane	212	C15H32	000629-62-9	94
3			Tetradecane	198	C14H30	000629-59-4	90
4			Tetradecane	198	C14H30	000629-59-4	87
5			Hexadecane	226	C16H34	000544-76-3	86



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ClientSampleId :
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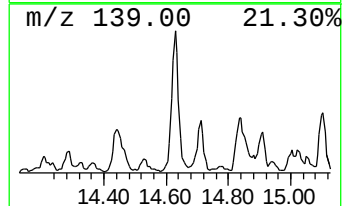
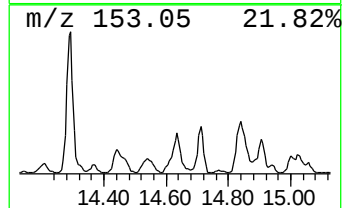
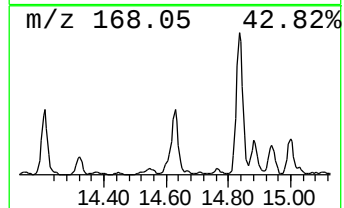
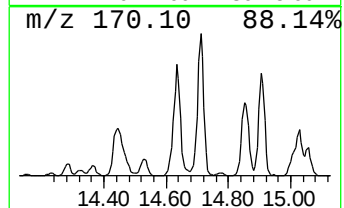
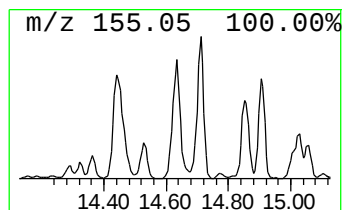
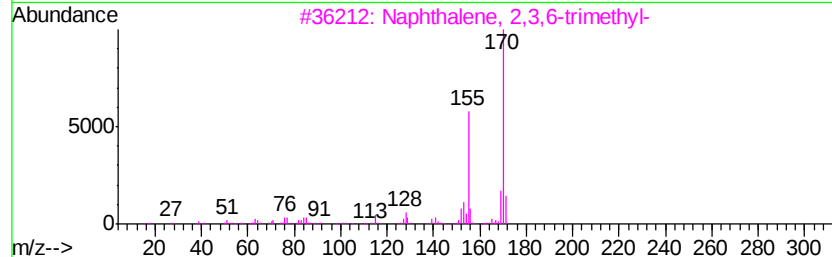
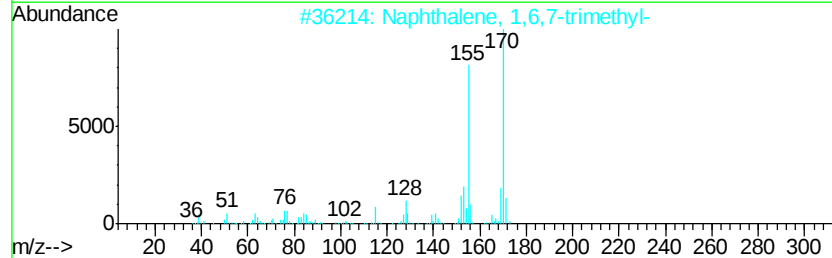
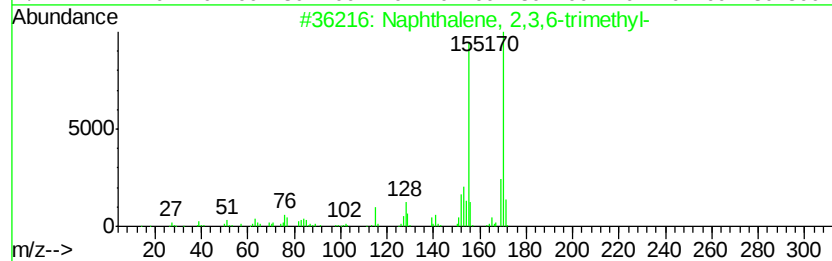
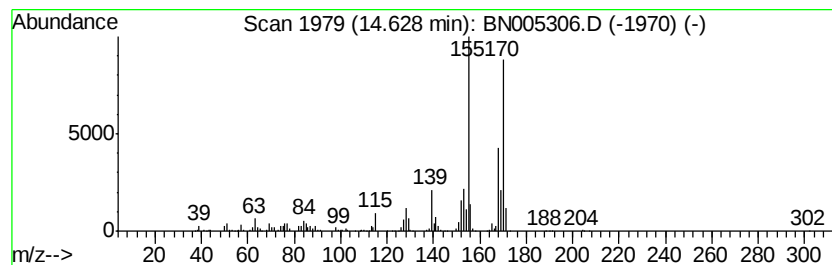
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	5.05 ng/ul	1562560	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	95
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
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Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

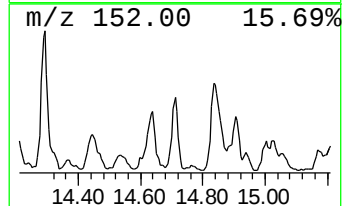
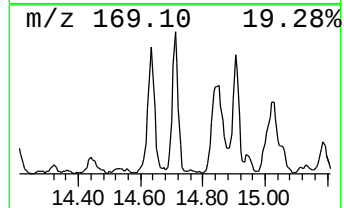
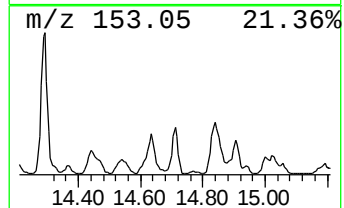
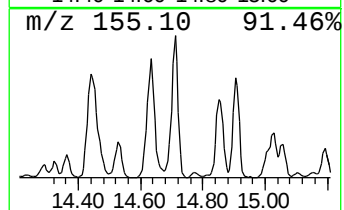
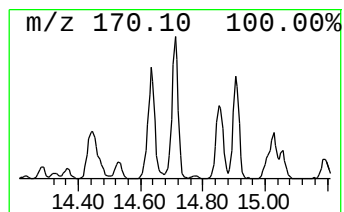
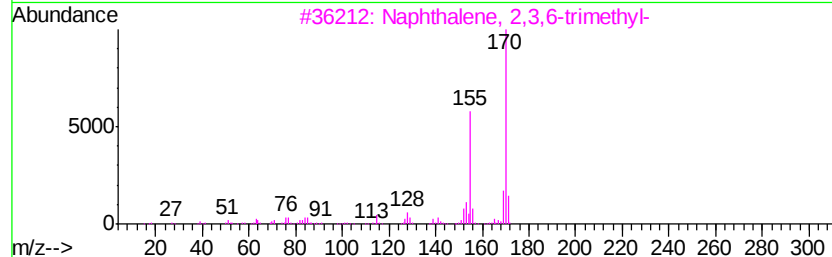
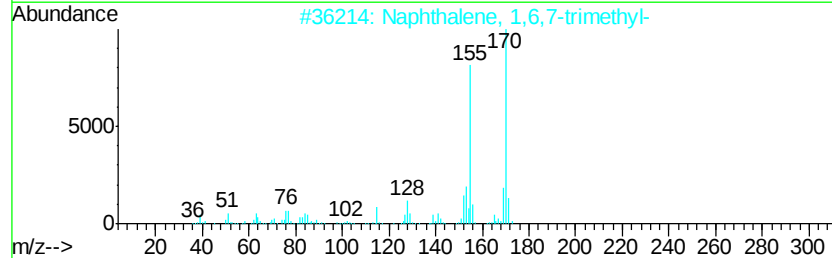
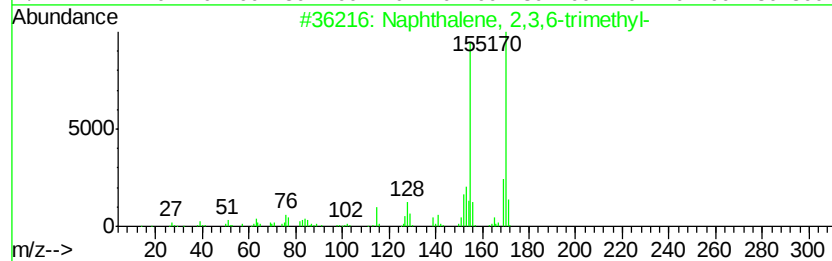
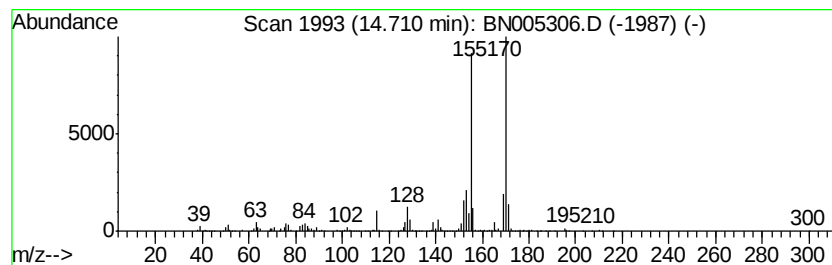
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.71	3.91 ng/ul	1212380	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, 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\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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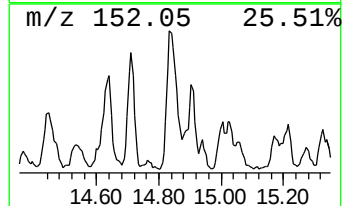
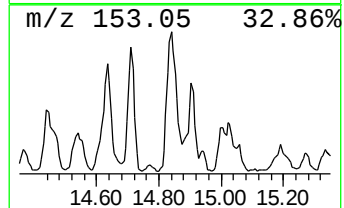
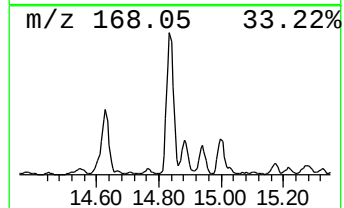
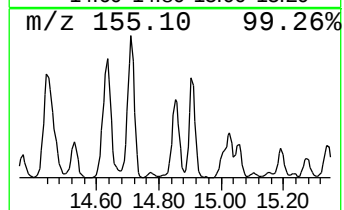
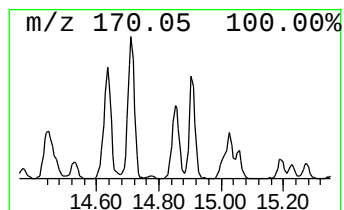
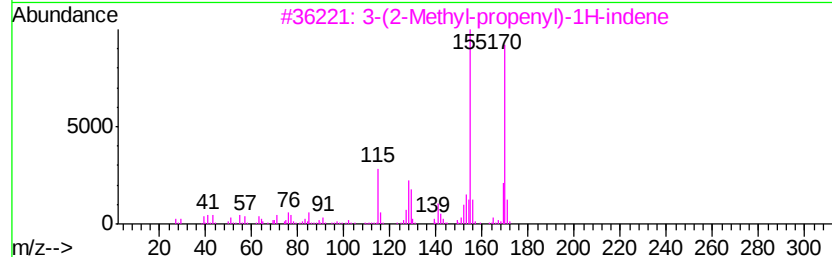
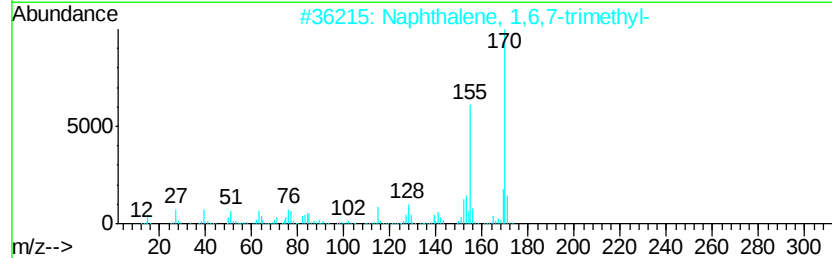
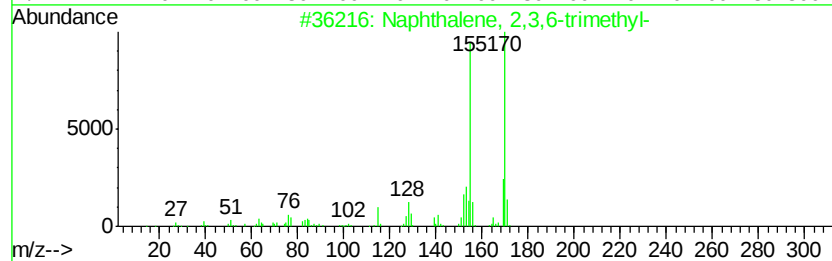
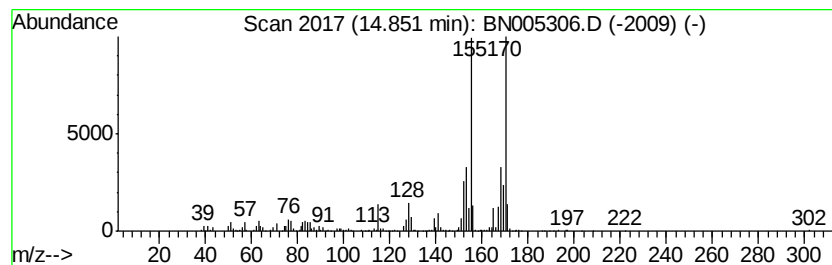
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	5.33 ng/ul	1650200	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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Acq On : 26 Apr 2019 06:28
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Sample : K2456-10 10X
Misc :
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Instrument :
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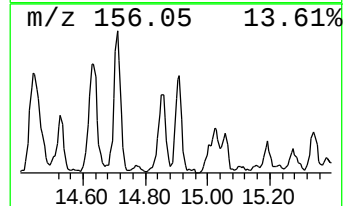
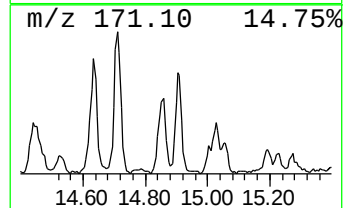
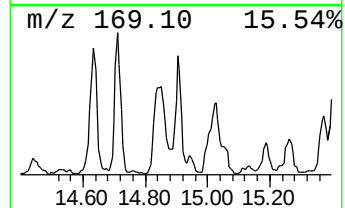
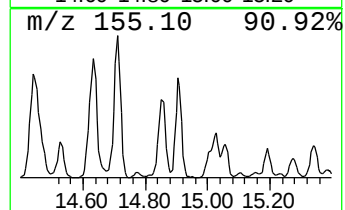
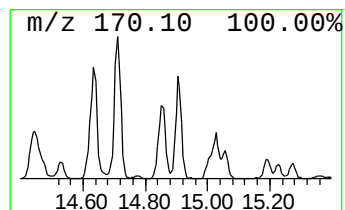
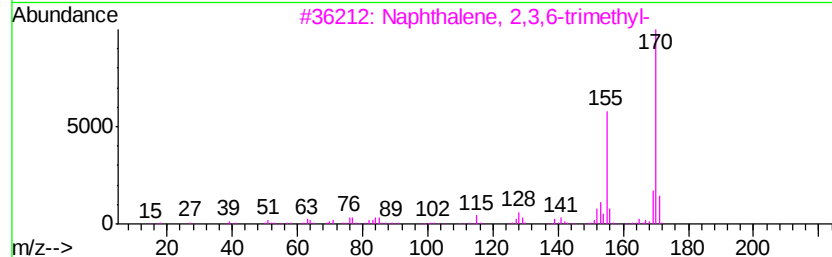
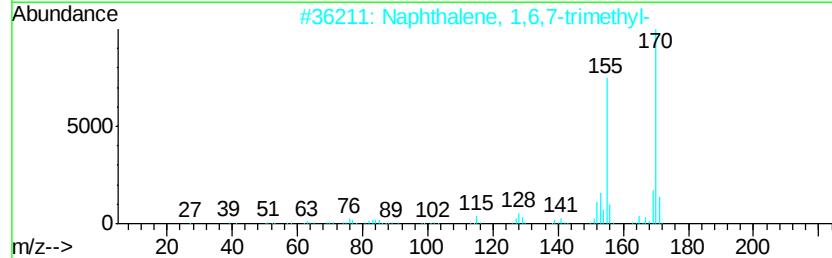
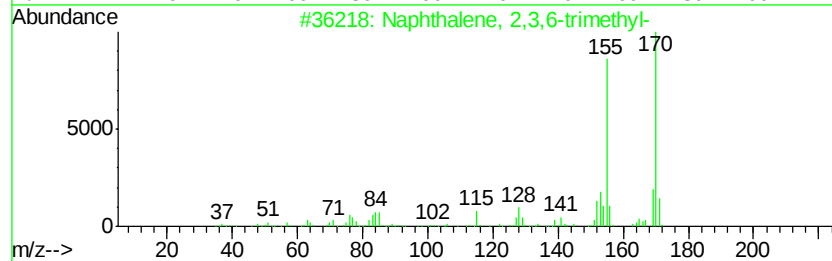
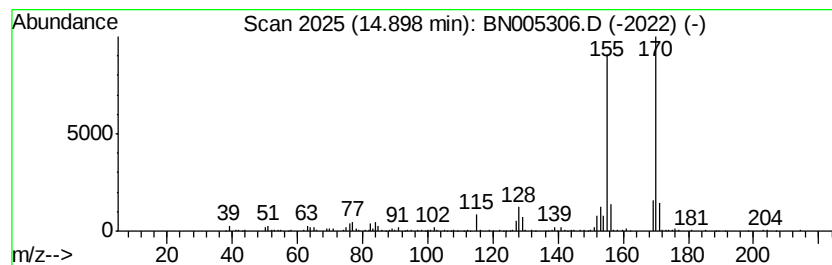
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.38 ng/ul	738087	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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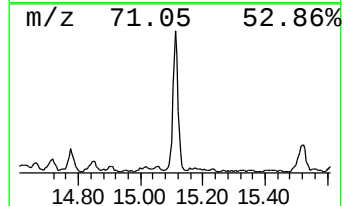
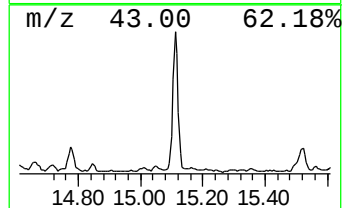
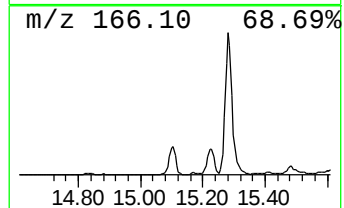
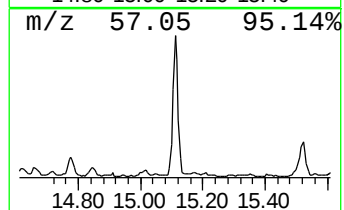
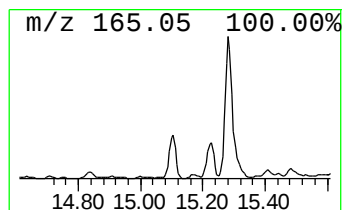
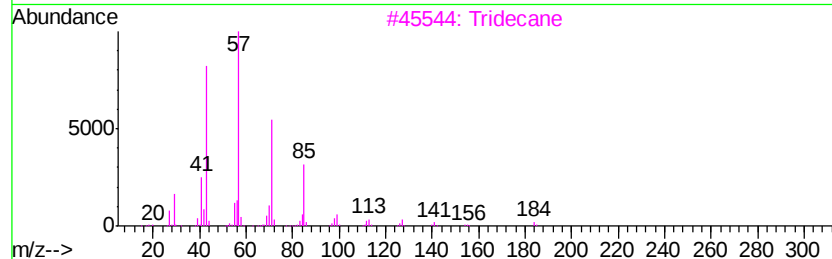
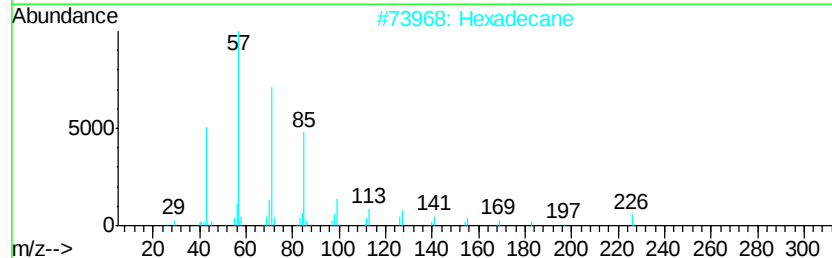
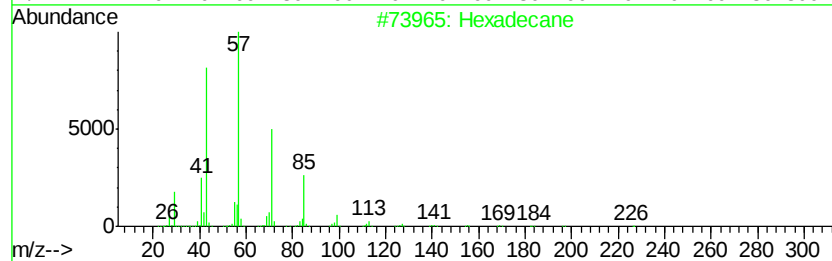
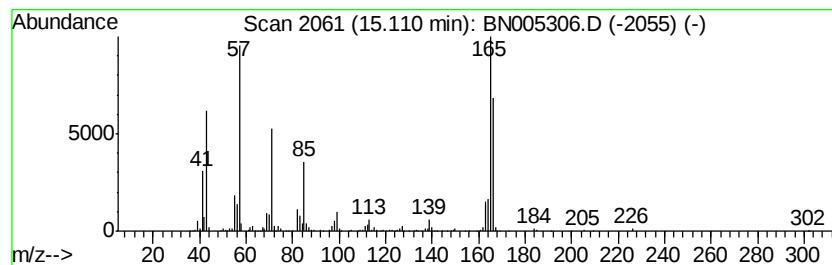
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	4.45 ng/ul	1379090	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	74
2			Hexadecane	226	C16H34	000544-76-3	38
3			Tridecane	184	C13H28	000629-50-5	38
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	38
5			Fluorene	166	C13H10	000086-73-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
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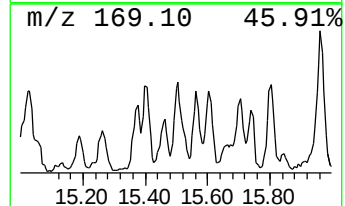
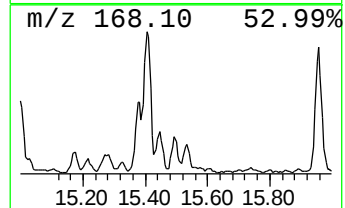
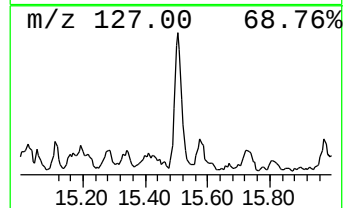
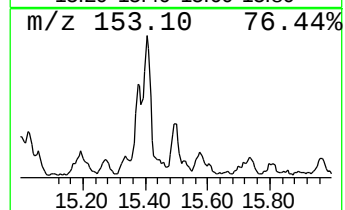
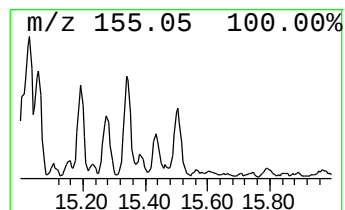
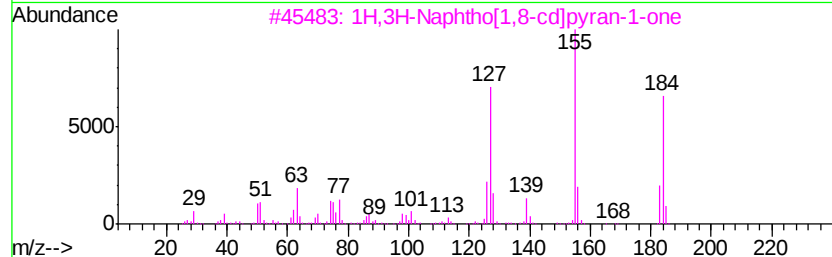
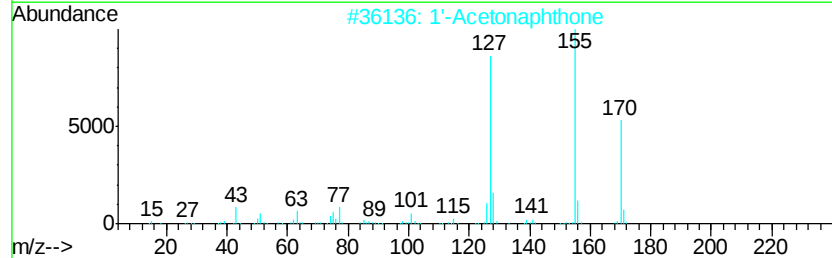
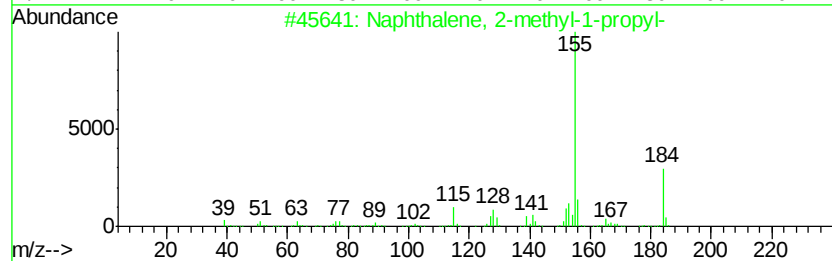
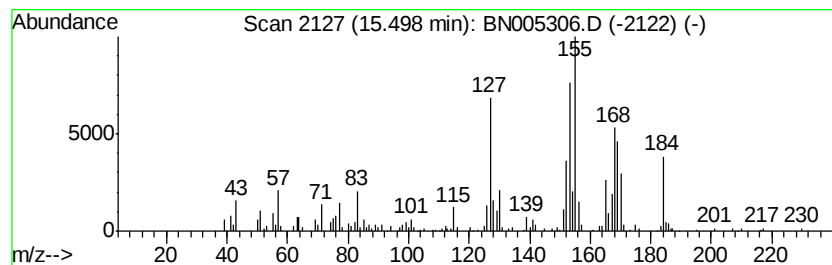
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-02 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	2.30 ng/ul	711573	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	42
2			1'-Acetonaphthone	170	C12H10O	000941-98-0	25
3			1H,3H-Naphtho[1,8-cd]pyran-1-one	184	C12H8O2	000518-86-5	25
4			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	25
5			1-Butanone, 1-(2-naphthalenyl)-	198	C14H14O	017666-88-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005306.D
 Acq On : 26 Apr 2019 06:28
 Operator : JU/SJ
 Sample : K2456-10 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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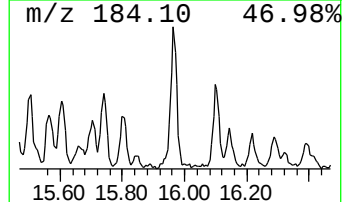
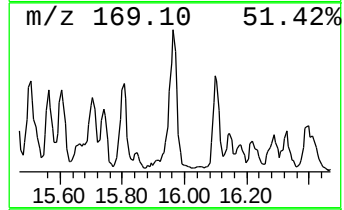
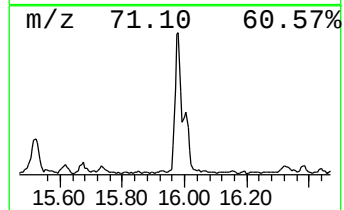
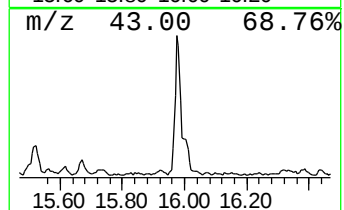
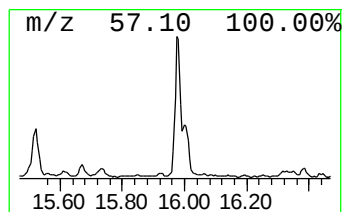
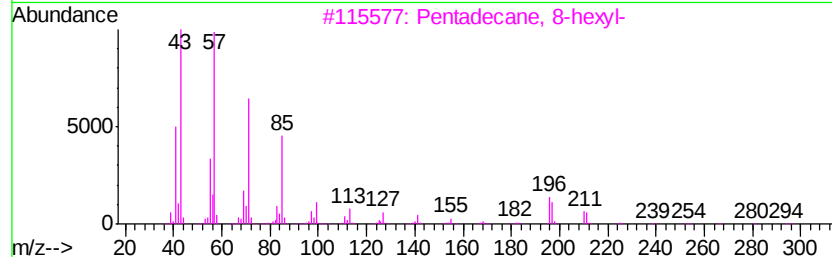
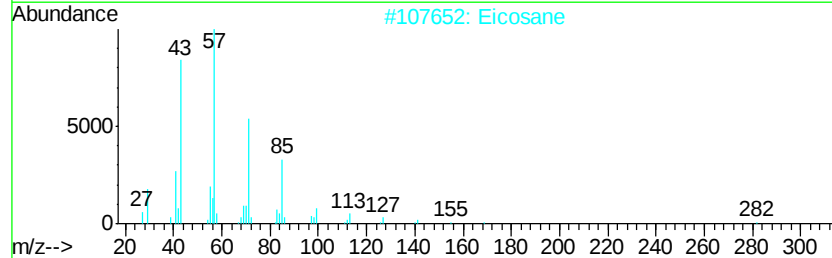
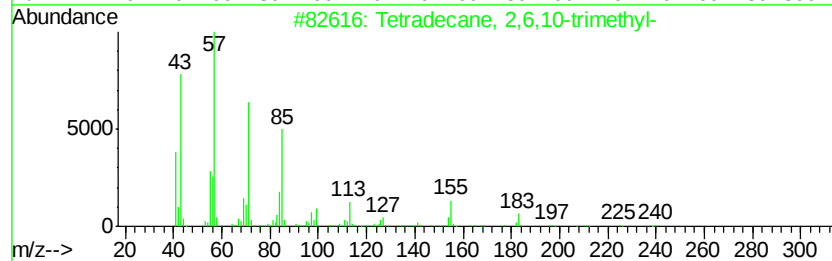
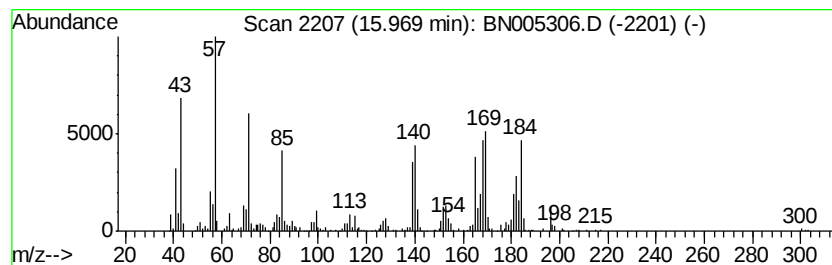
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	3.38 ng/ul	1268370	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	70
2			Eicosane	282	C20H42	000112-95-8	55
3			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	53
4			3,5-Dimethyldodecane	198	C14H30	107770-99-0	49
5			Nonadecane	268	C19H40	000629-92-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

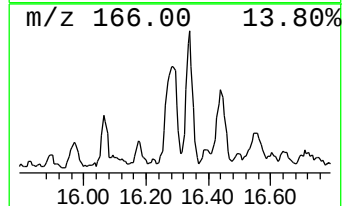
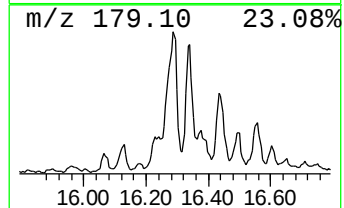
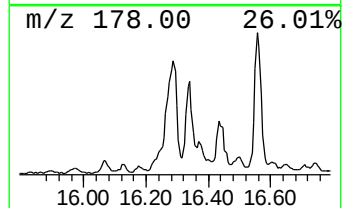
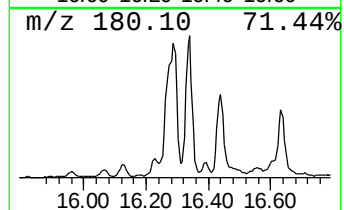
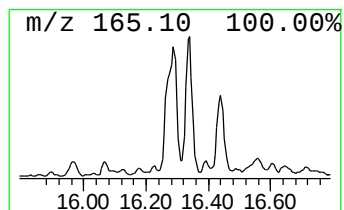
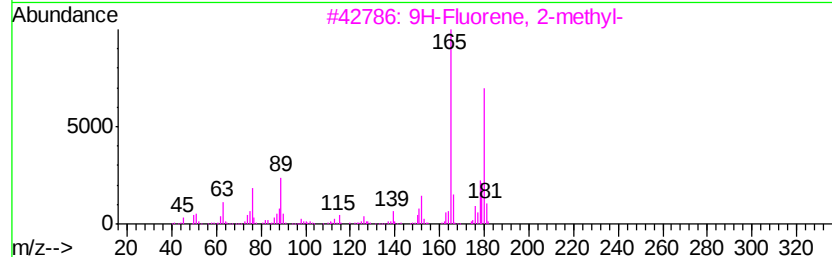
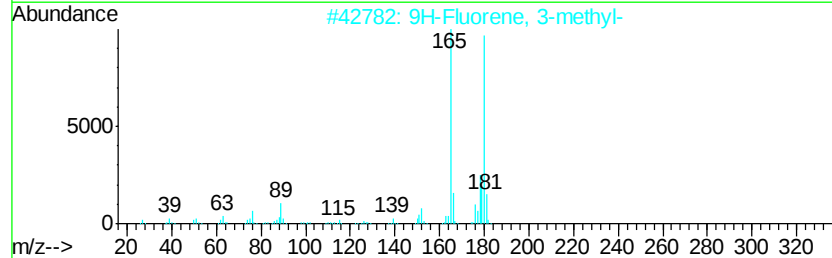
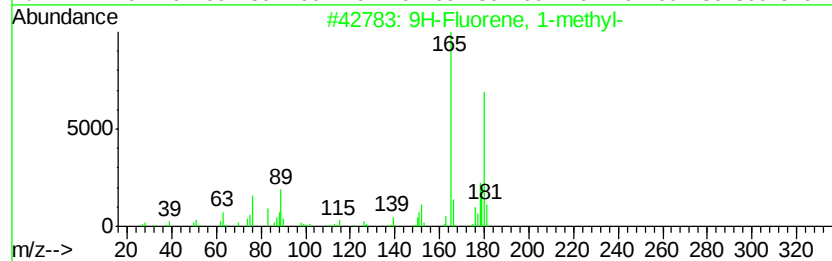
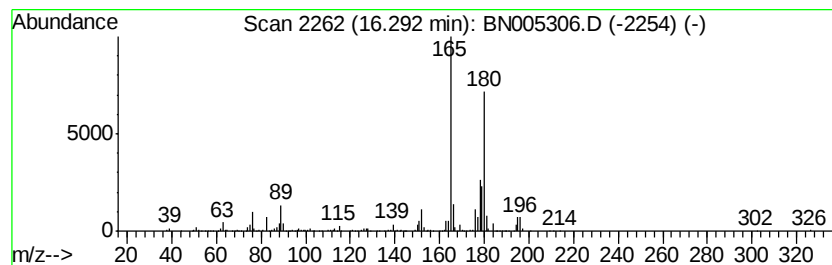
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 9H-Fluorene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.29	3.80 ng/ul	1427830	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, 3-methyl-		180	C14H12	002523-39-9	94
3	9H-Fluorene, 2-methyl-		180	C14H12	001430-97-3	90
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\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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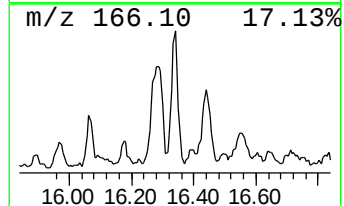
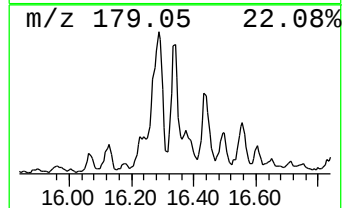
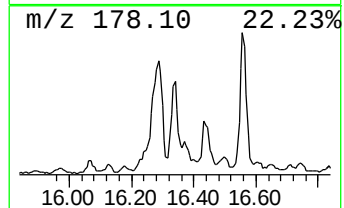
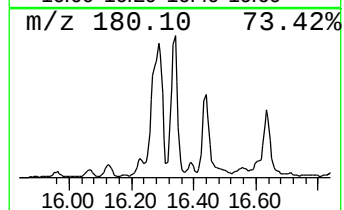
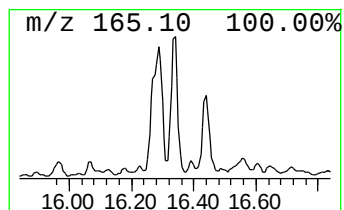
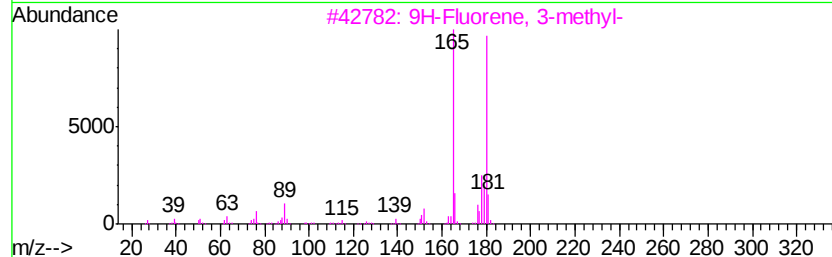
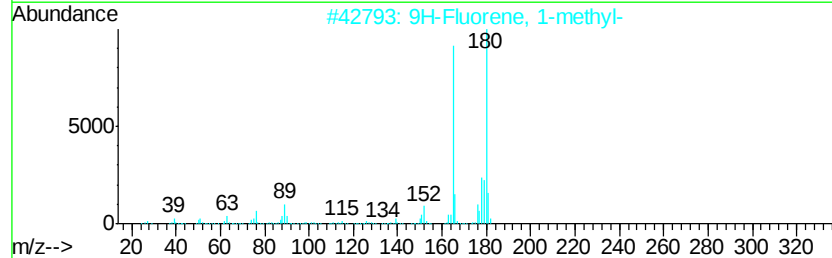
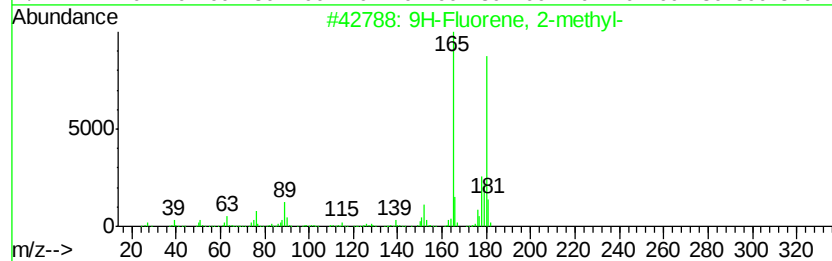
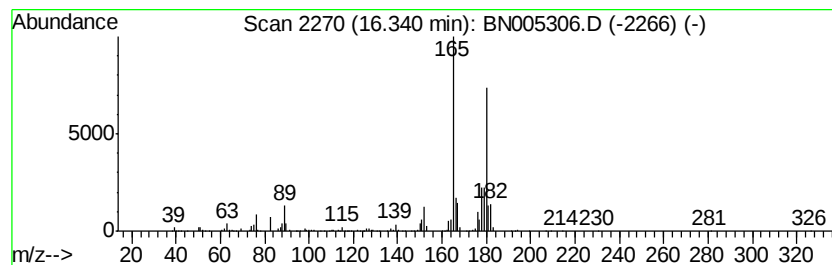
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.73 ng/ul	1025960	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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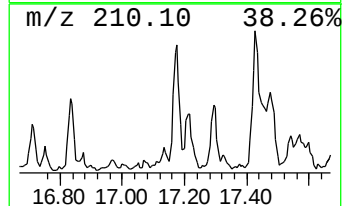
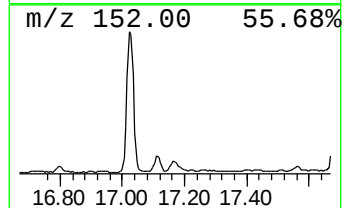
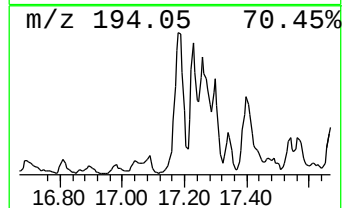
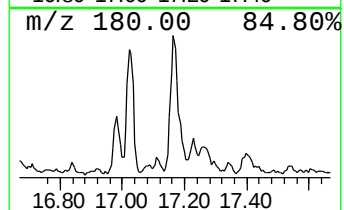
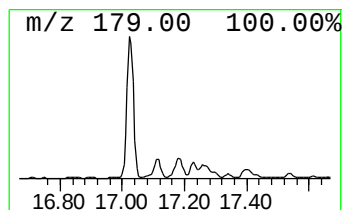
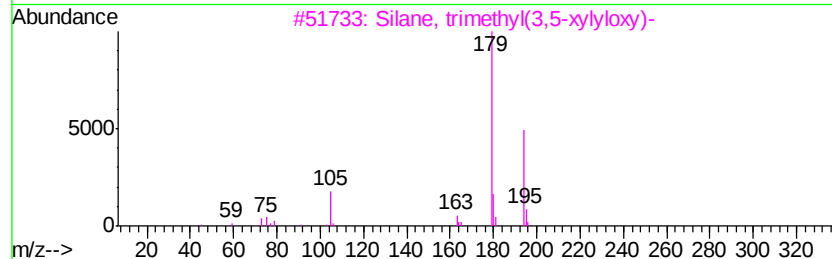
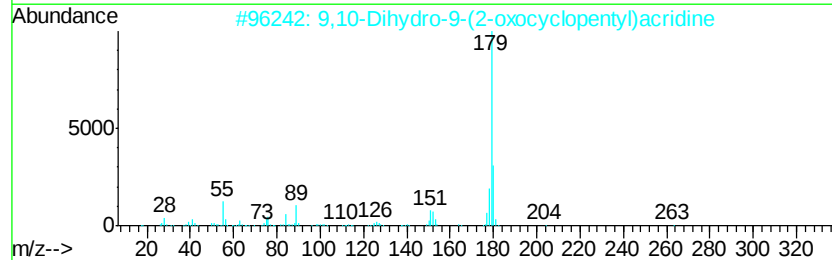
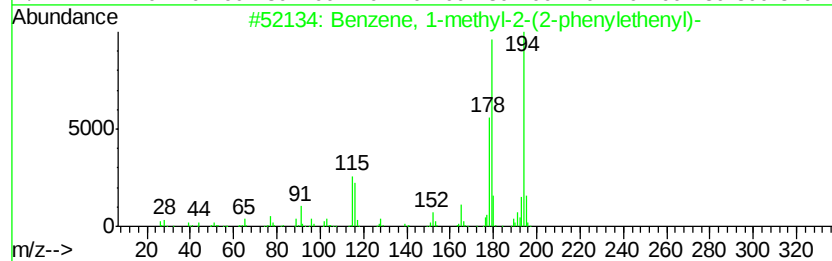
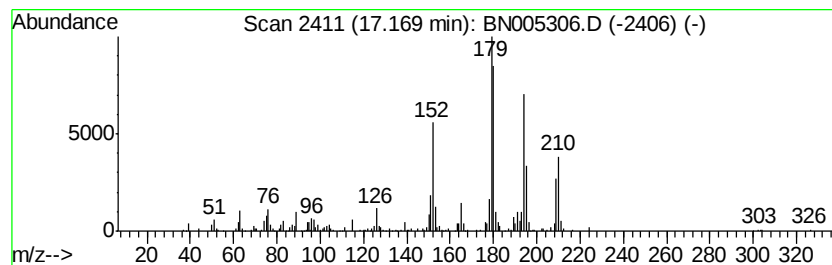
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-03 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	2.30 ng/ul	865559	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-phenyleth...	194	C15H14	074685-42-0	49
2		9,10-Dihydro-9-(2-oxocyclopentyl)...	263	C18H17NO	015539-19-2	43
3		Silane, trimethyl(3,5-xylyloxy)-	194	C11H18OSi	017994-05-7	43
4		Phenanthridine	179	C13H9N	000229-87-8	41
5		Benzo[h]quinoline	179	C13H9N	000230-27-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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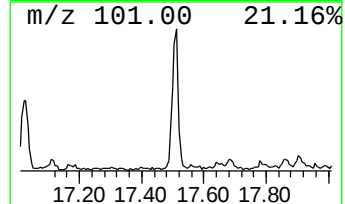
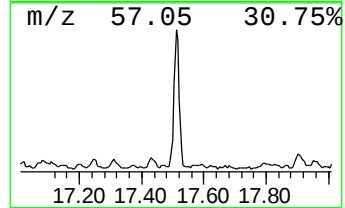
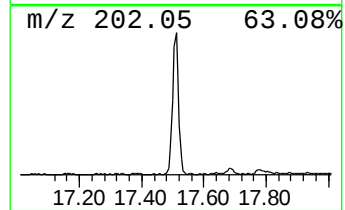
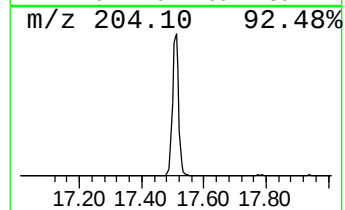
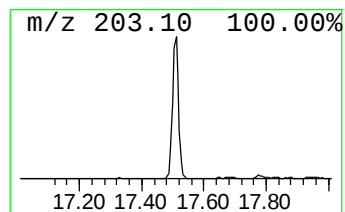
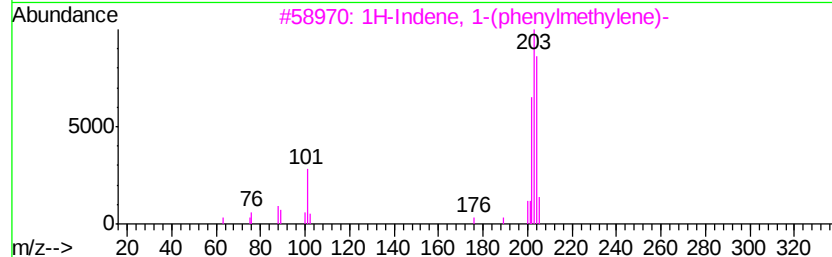
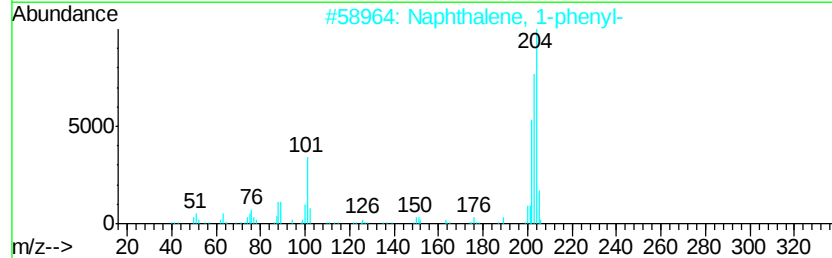
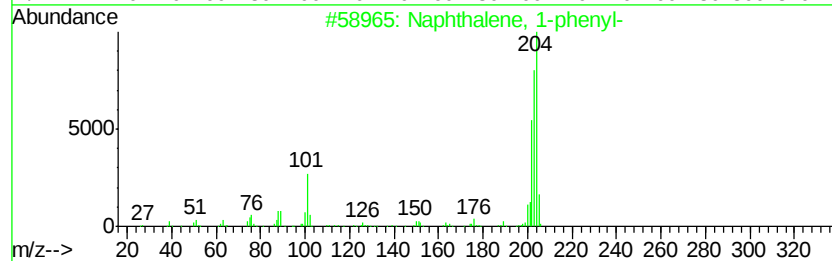
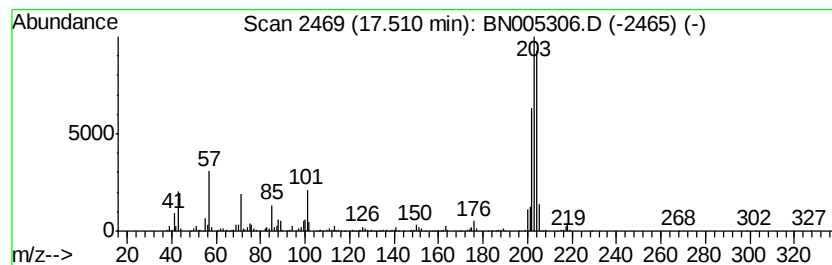
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Naphthalene, 1-phenyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	2.46 ng/ul	924409	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
3			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	70
4			Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	70
5			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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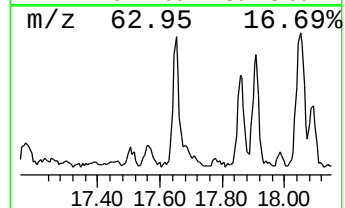
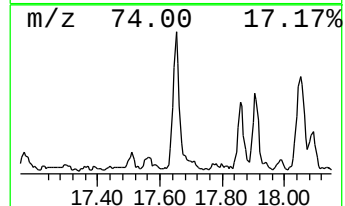
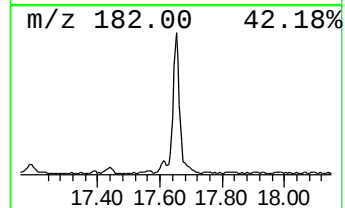
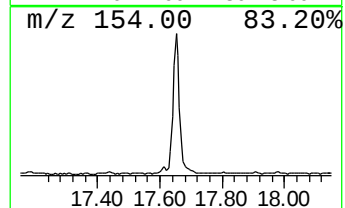
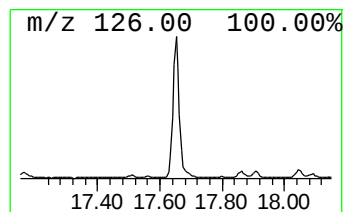
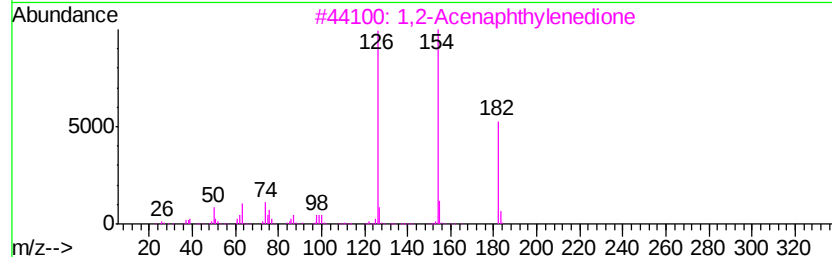
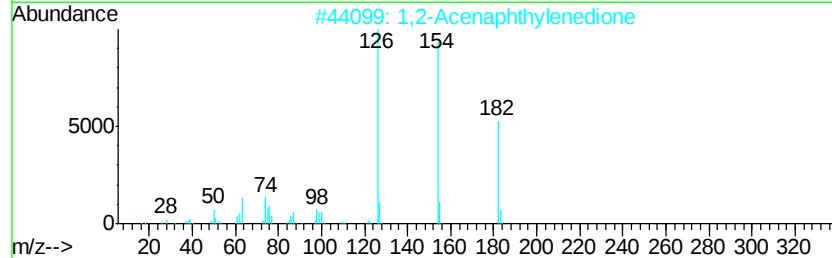
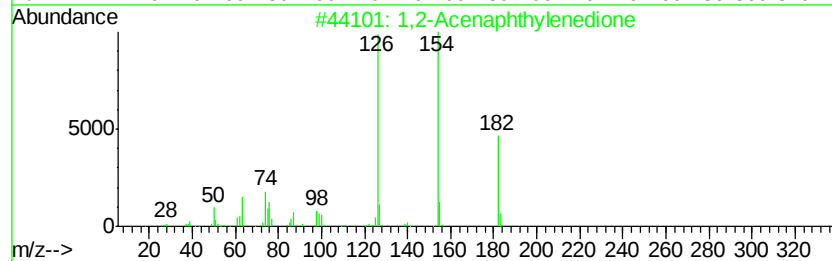
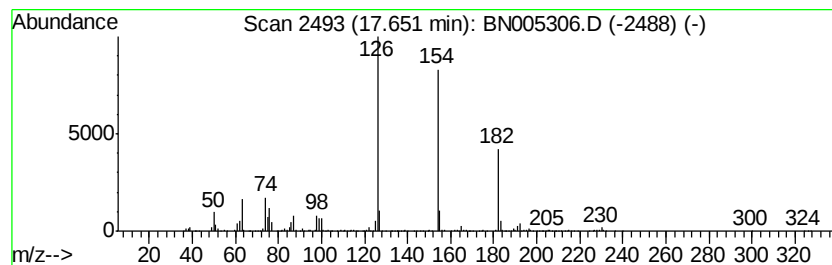
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,2-Acenaphthylenedione Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	3.30 ng/ul	1240840	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	98
2			1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	97
3			1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	94
4			1H-Benz[f]indene-1,2,3-trione	210	C13H6O3	020927-01-9	91
5			1H-Benz[f]indene-1,3(2H)-dione, ...	228	C13H8O4	038627-57-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
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Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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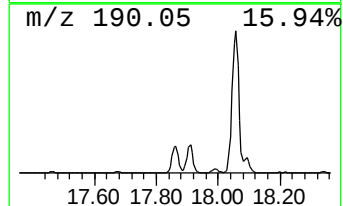
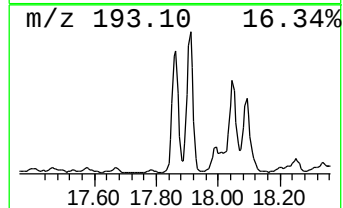
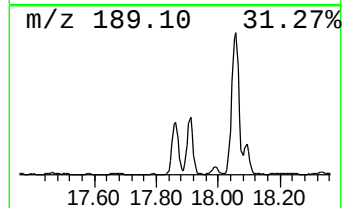
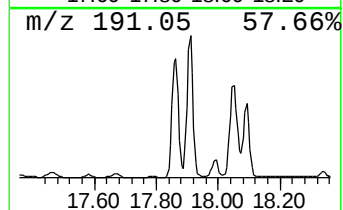
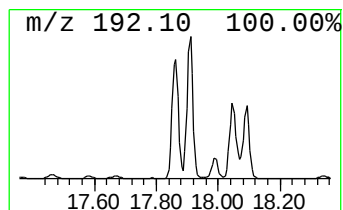
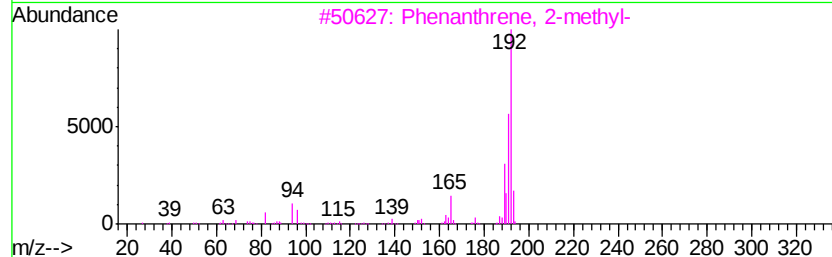
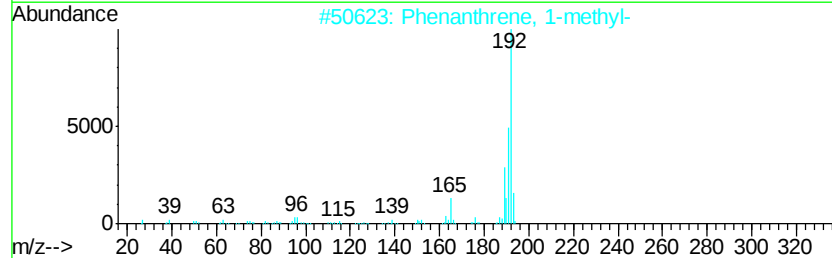
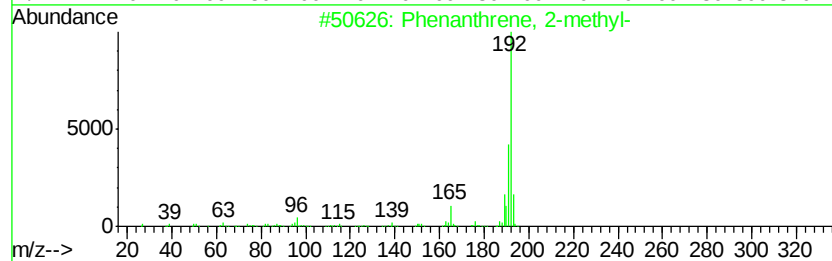
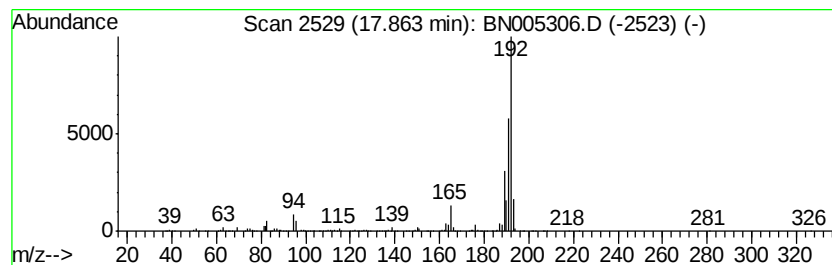
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	11.01 ng/ul	4136120	Phenanthrene-d10	16.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
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Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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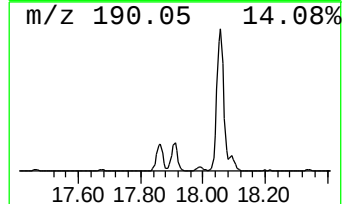
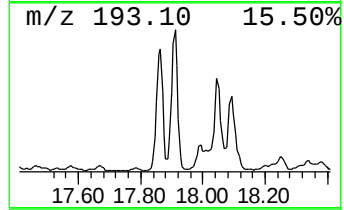
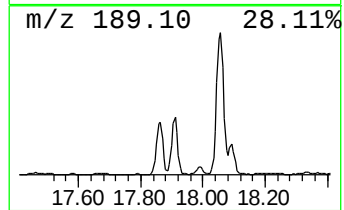
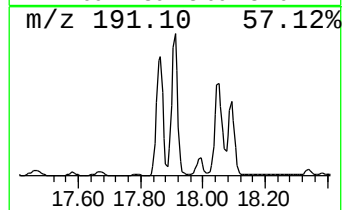
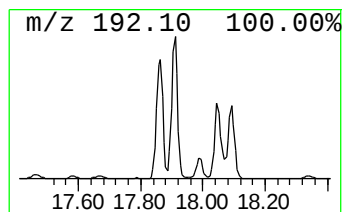
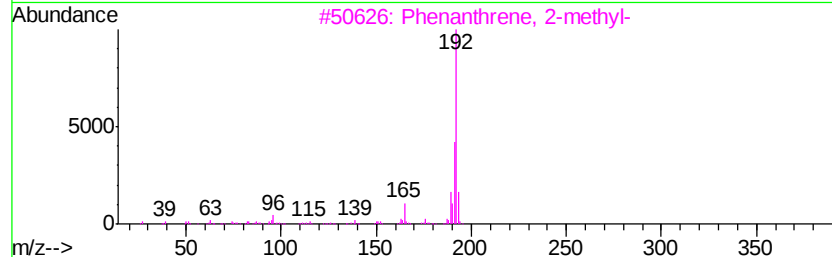
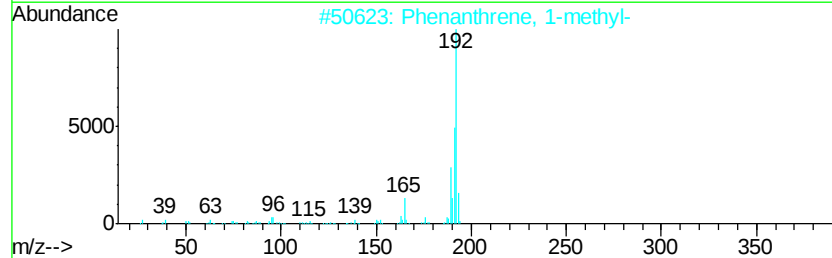
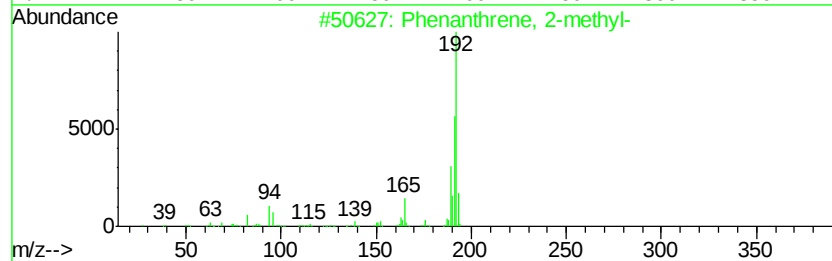
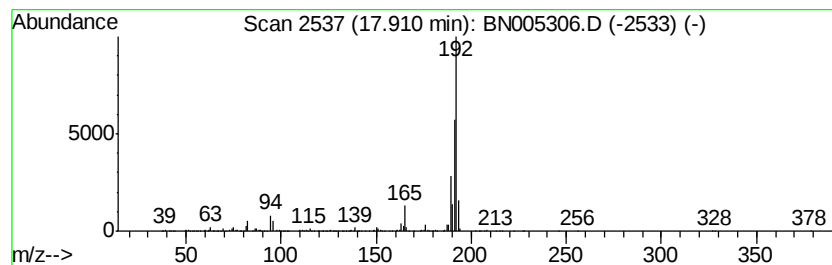
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	12.71 ng/ul	4775040	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, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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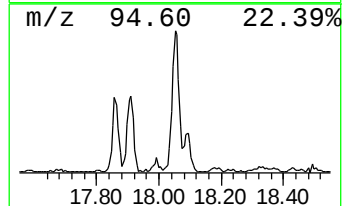
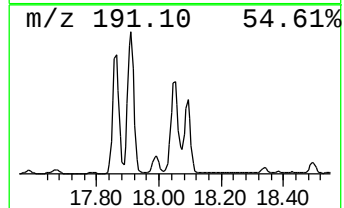
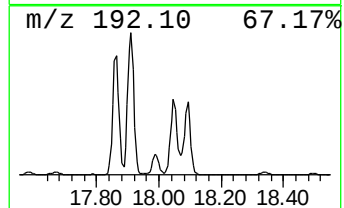
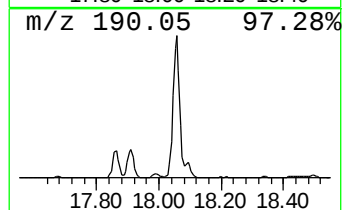
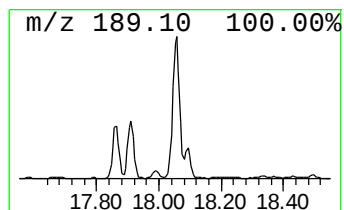
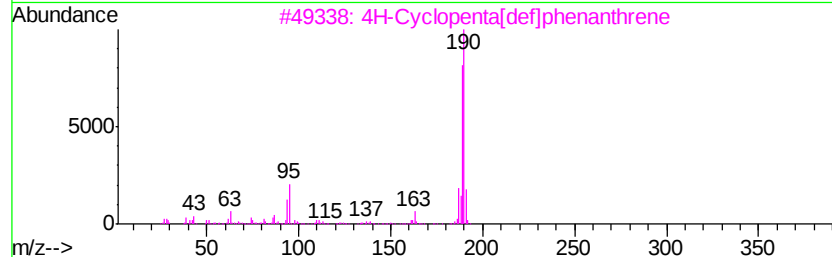
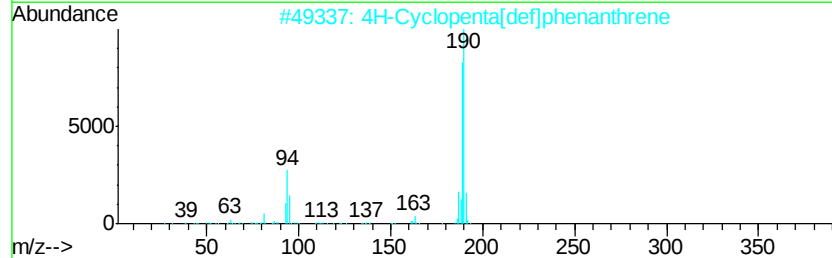
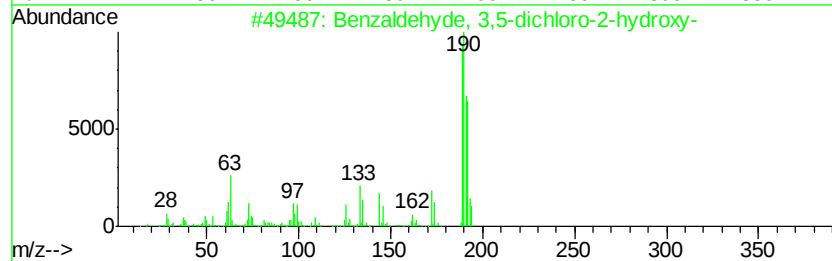
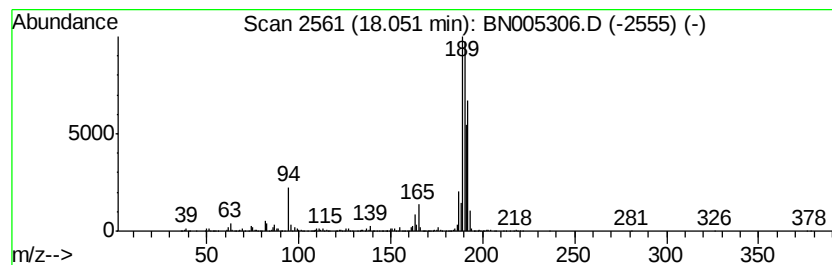
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	16.97 ng/ul	6374730	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	35



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Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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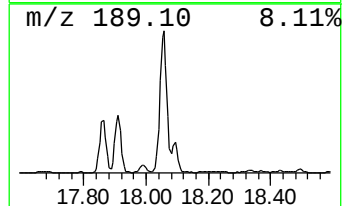
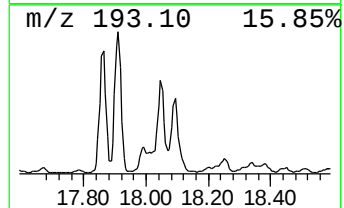
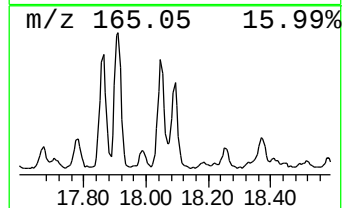
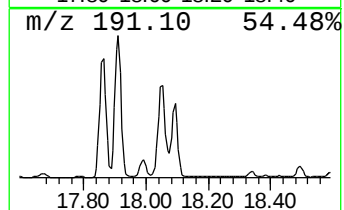
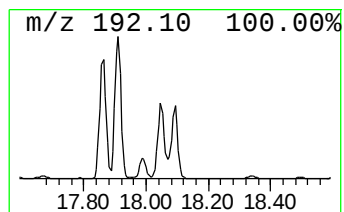
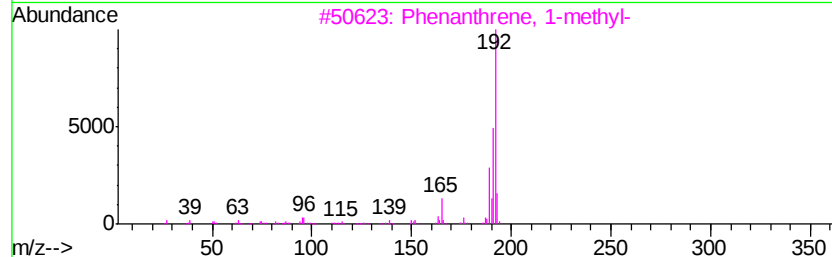
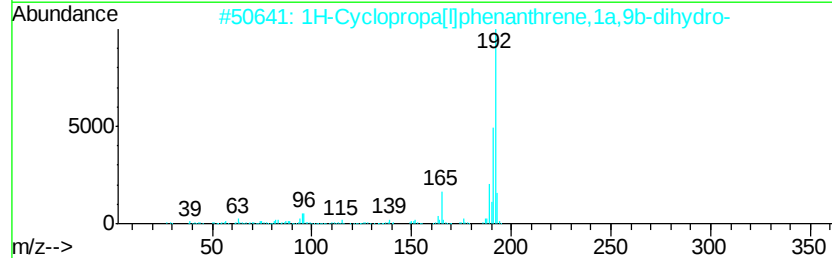
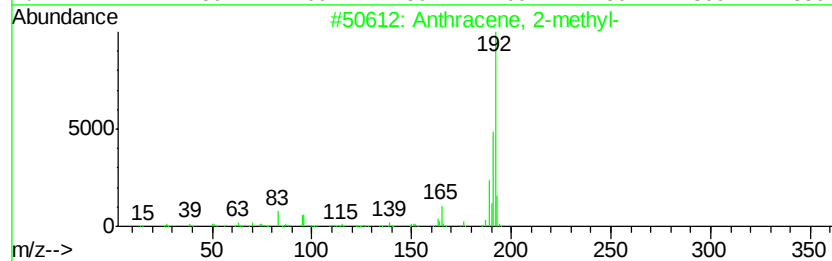
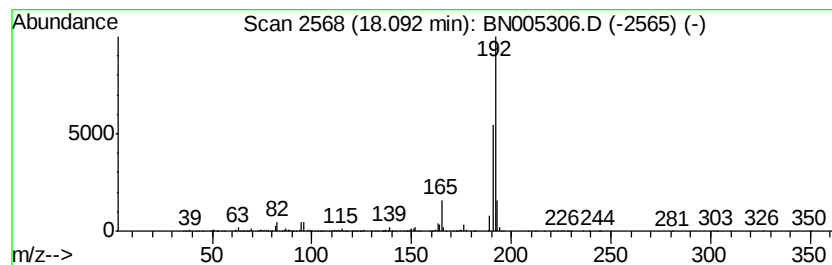
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	6.08 ng/u1	2284580	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
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ALS Vial : 23 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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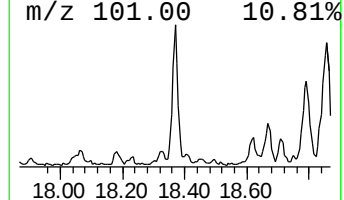
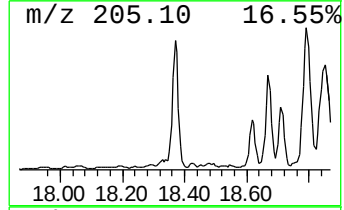
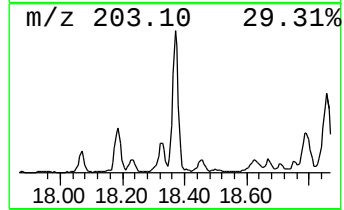
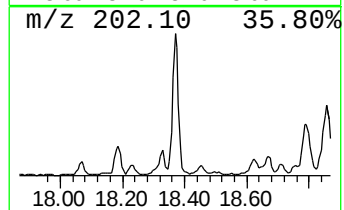
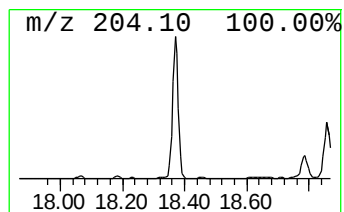
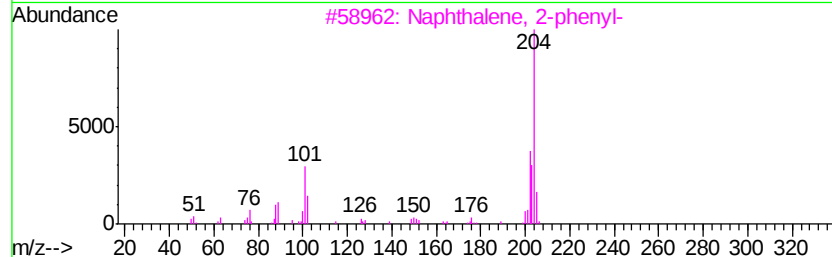
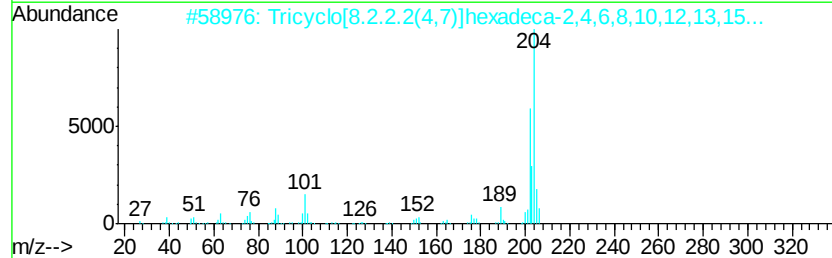
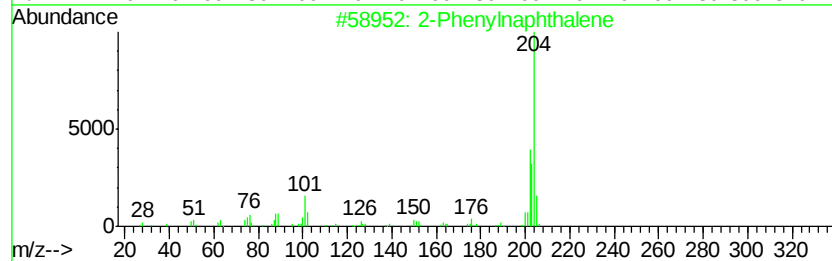
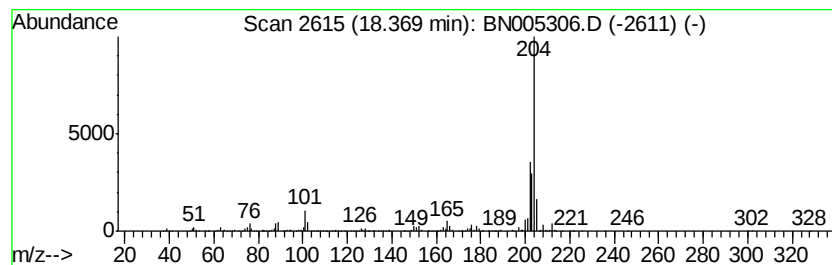
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 2-Phenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	5.62 ng/ul	2109130	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	90
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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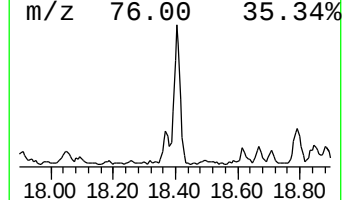
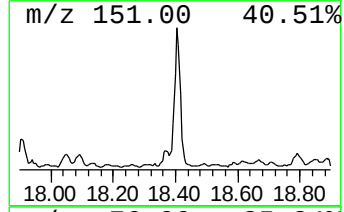
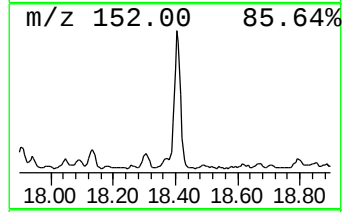
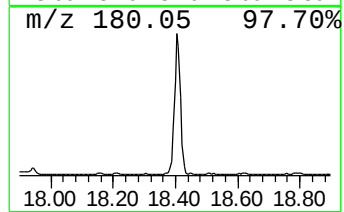
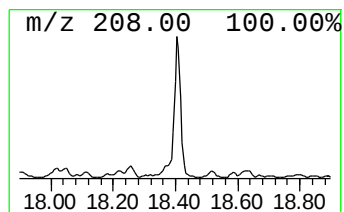
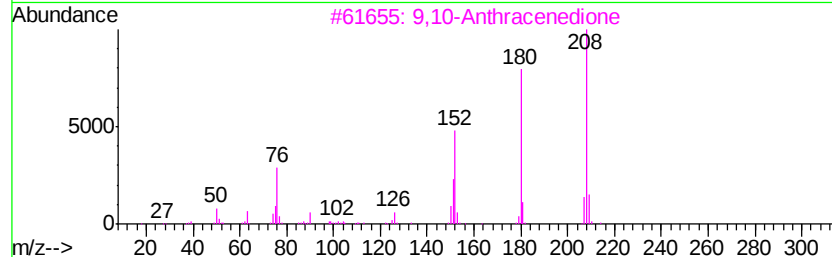
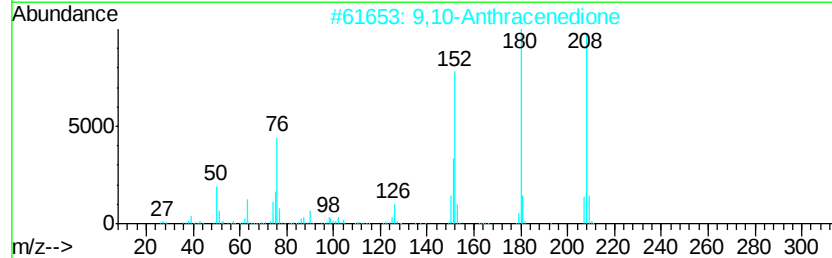
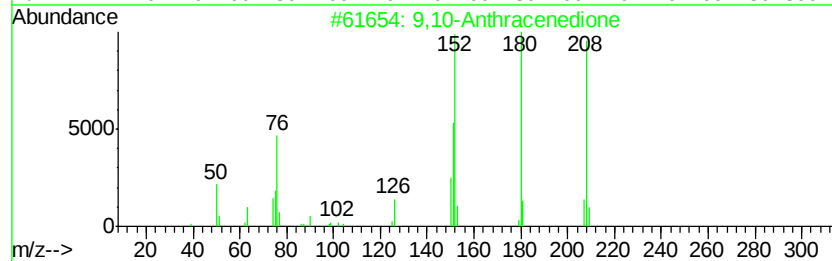
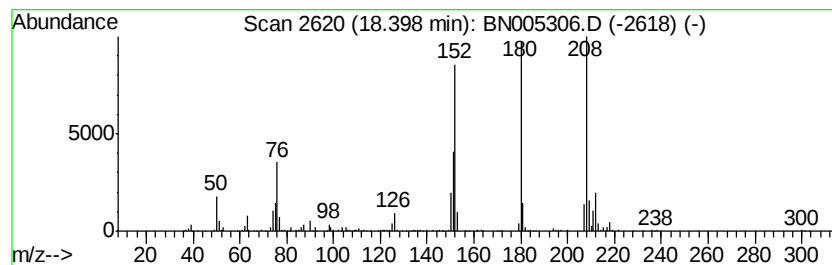
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	5.35 ng/ul	2007680	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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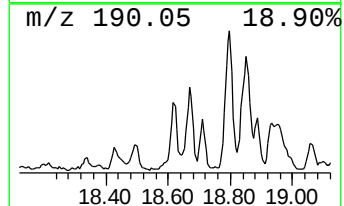
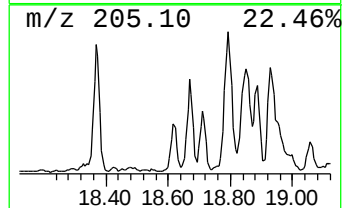
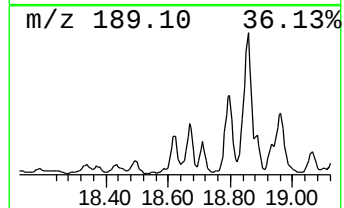
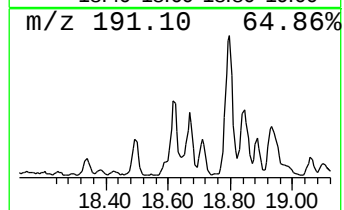
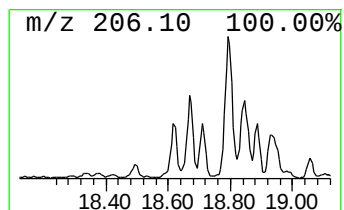
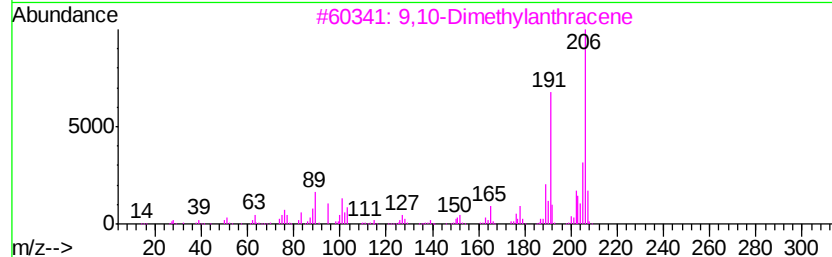
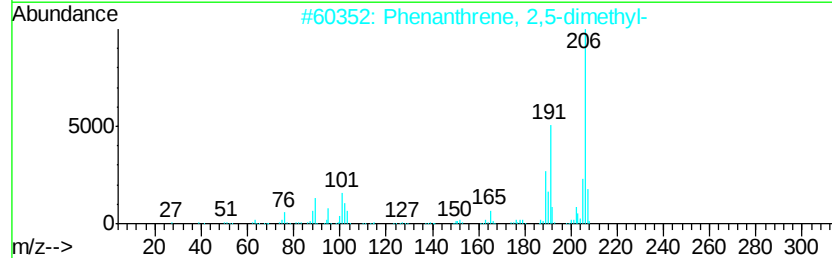
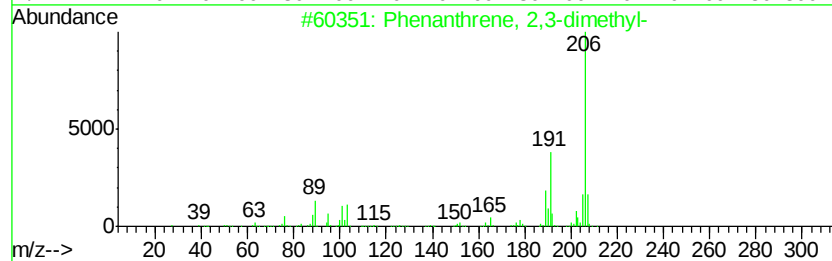
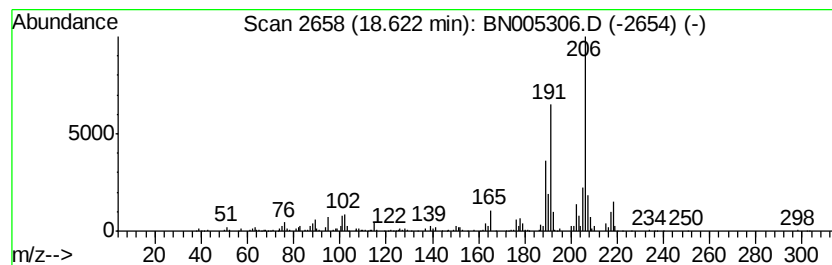
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Phenanthrene, 2,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.97 ng/ul	1116250	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	78
5		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
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Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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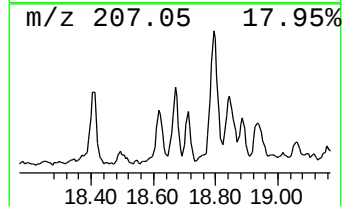
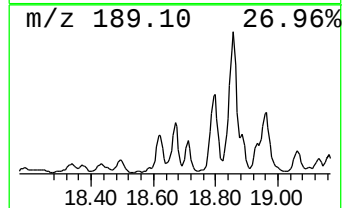
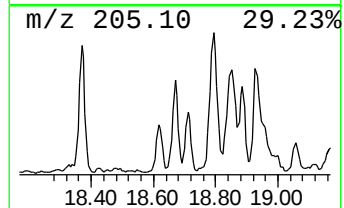
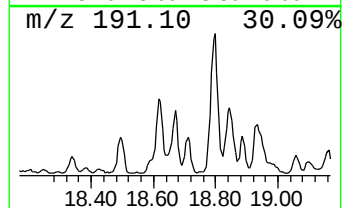
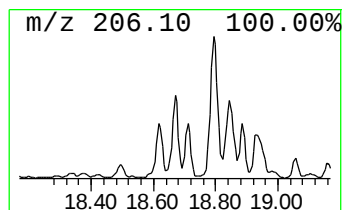
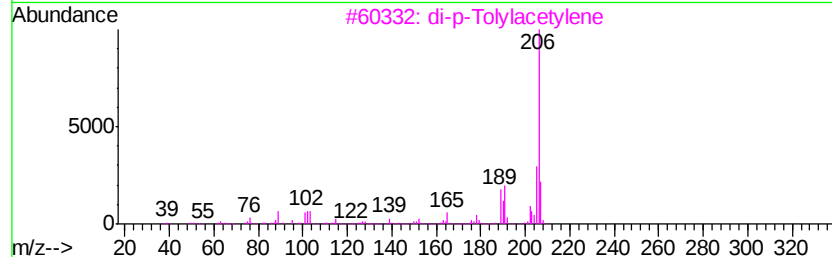
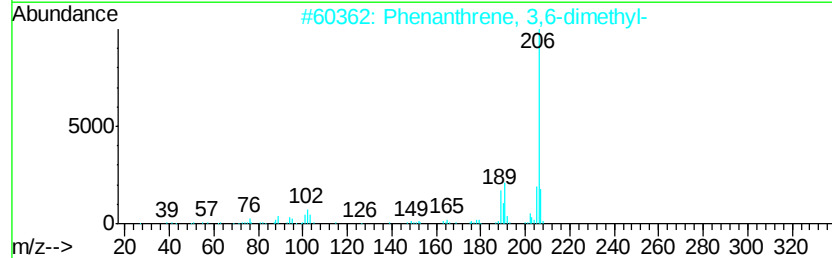
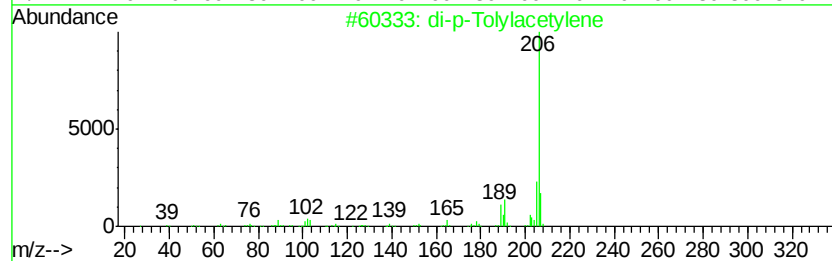
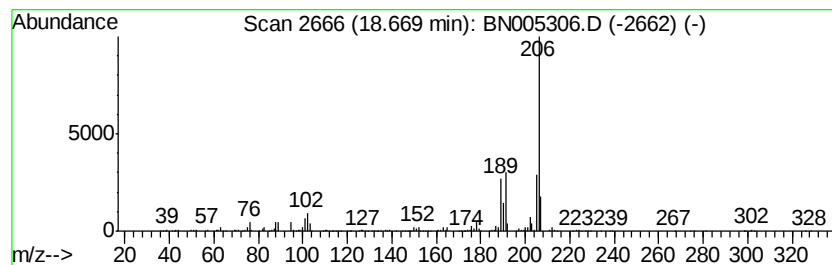
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 di-p-Tolylacetylene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	3.11 ng/ul	1168790	Phenanthrene-d10	16.98

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



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Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
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ClientSampleId :
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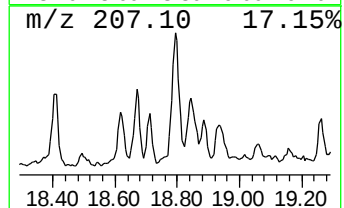
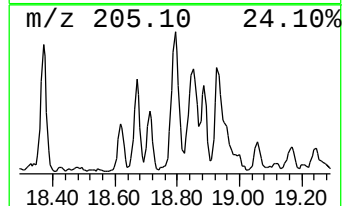
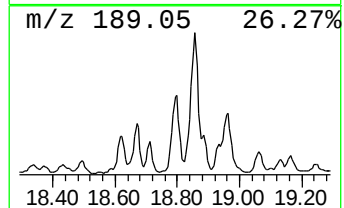
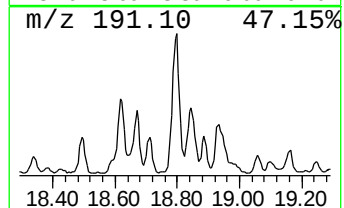
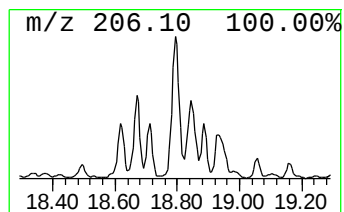
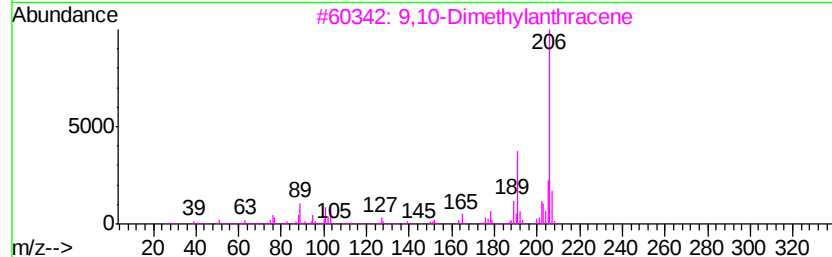
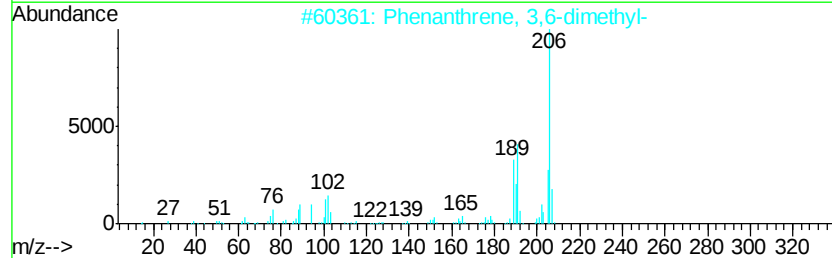
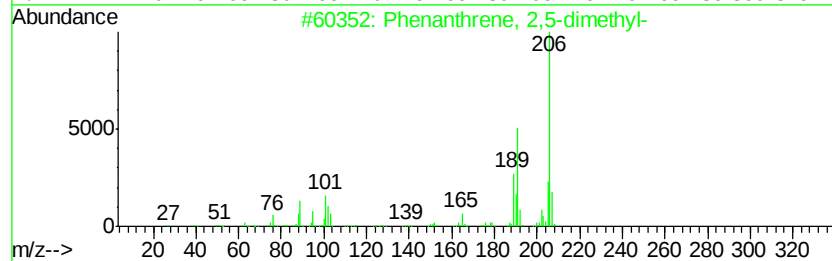
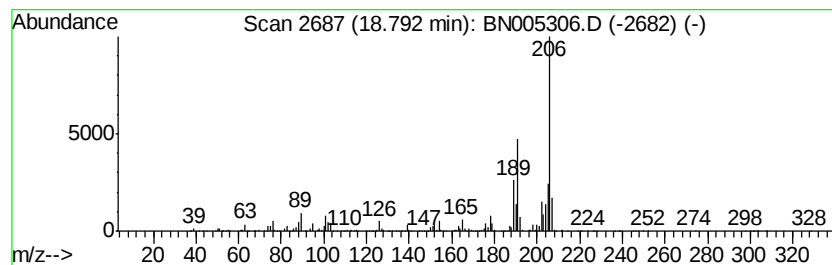
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	7.49 ng/ul	2812410	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
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Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

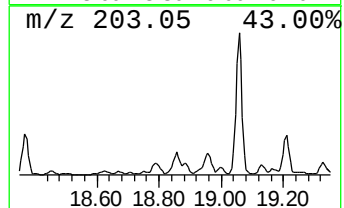
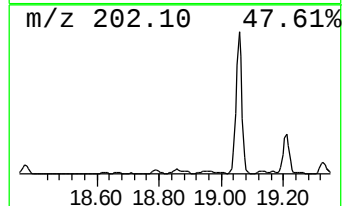
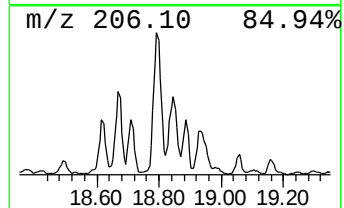
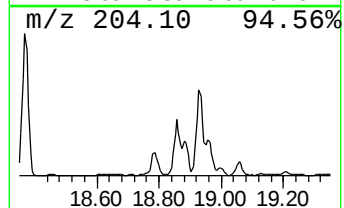
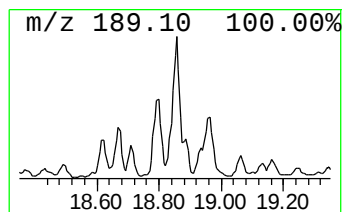
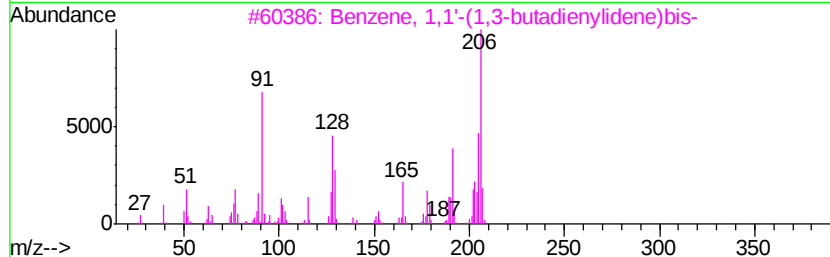
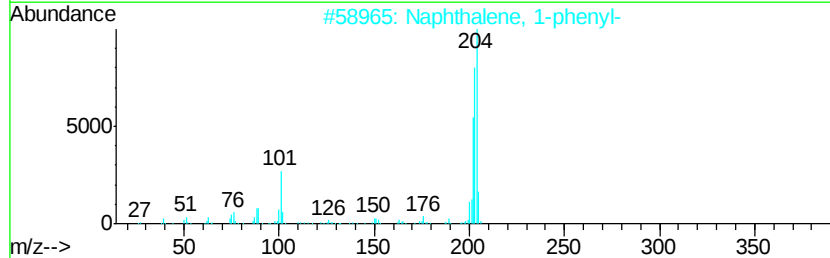
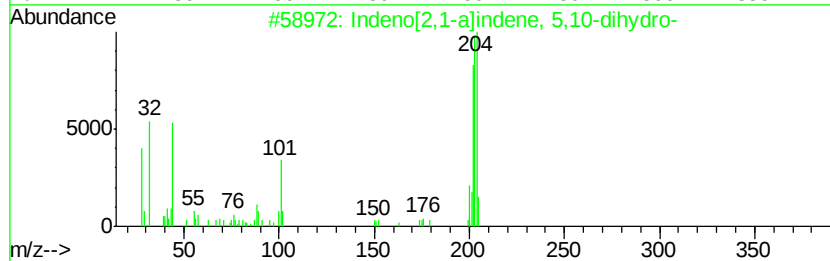
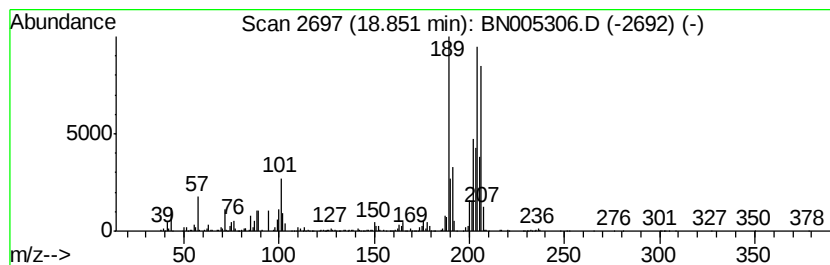
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BNA_N
ClientSampleId :
GAHP8

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Quant Title : SVOA CALIBRATION

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

Peak Number 30 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.85	6.86 ng/ul	2577740	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	45
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	44
3		Benzene, 1,1'-(1,3-butadienylidene...	206	C16H14	004165-81-5	38
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
5		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP8

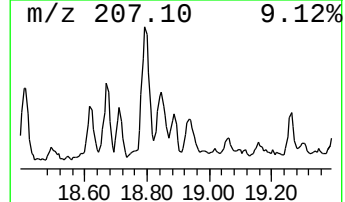
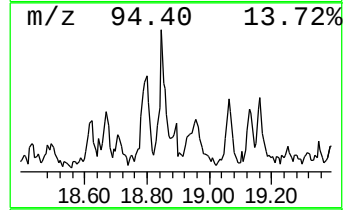
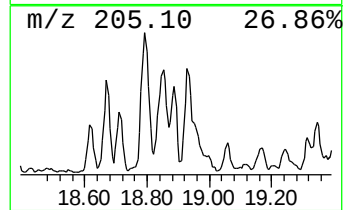
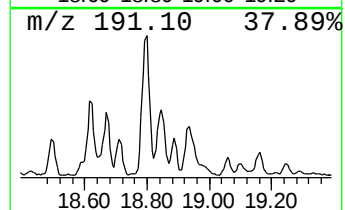
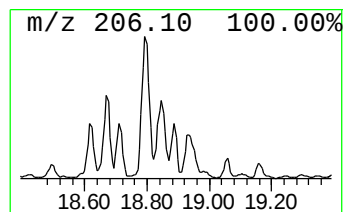
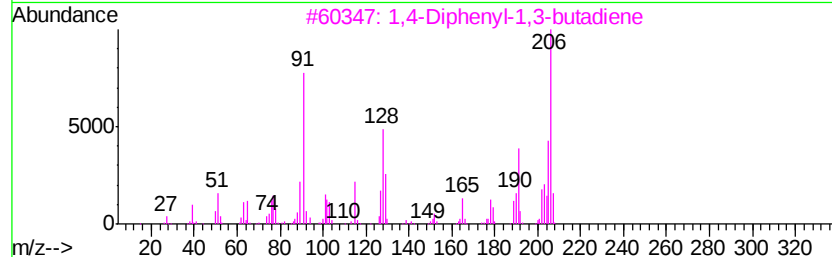
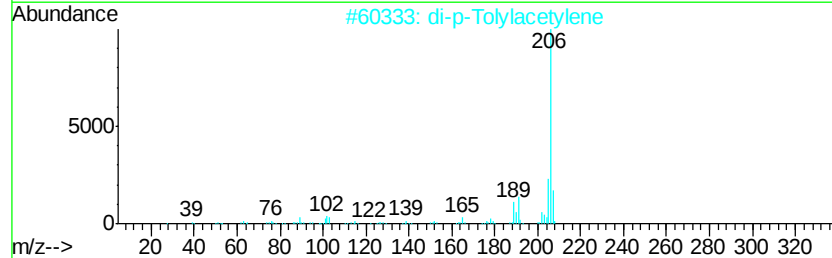
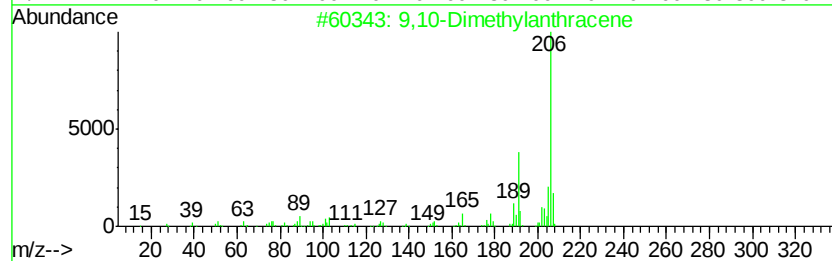
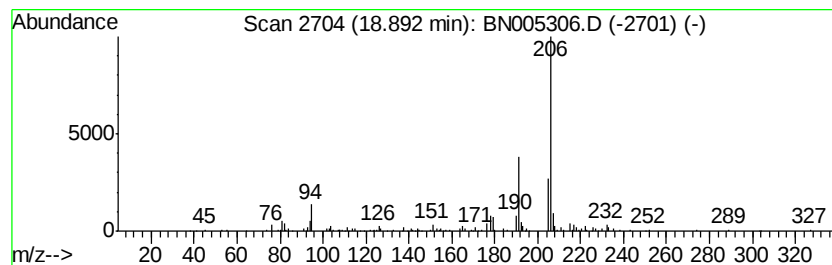
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 9,10-Dimethylantracene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	2.17 ng/ul	816650	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	70
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	64
3		1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	64
4		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	64
5		1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP8

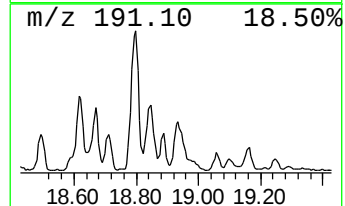
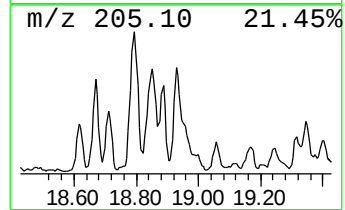
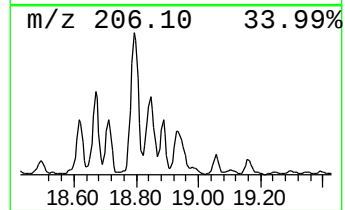
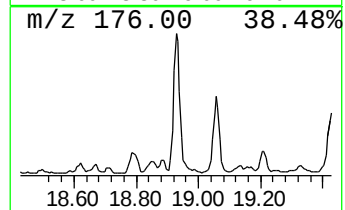
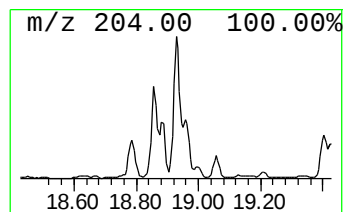
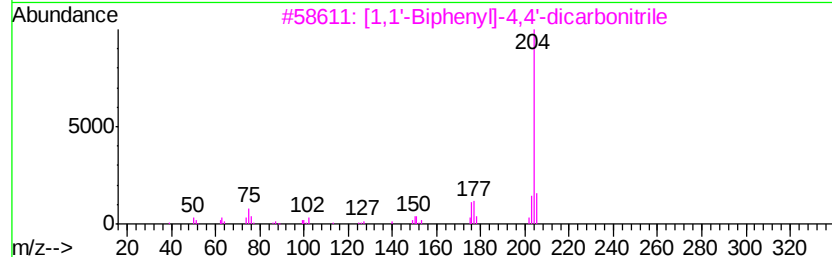
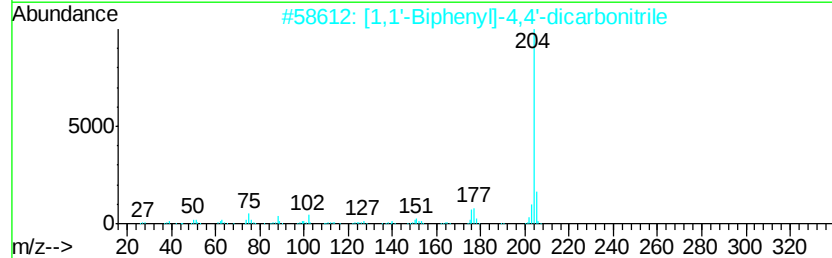
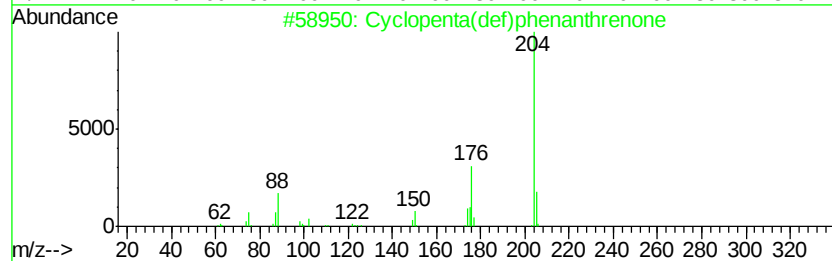
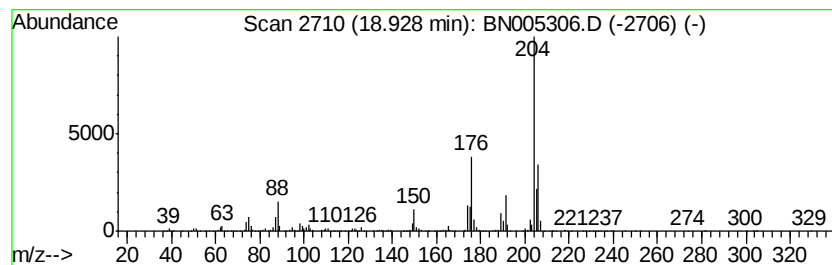
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	8.37 ng/ul	3145130	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4		1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	43
5		Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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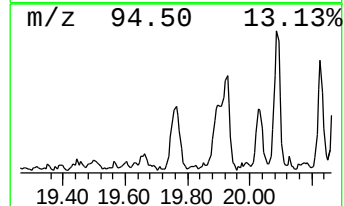
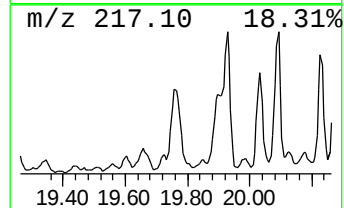
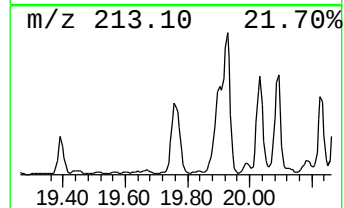
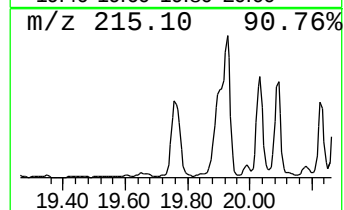
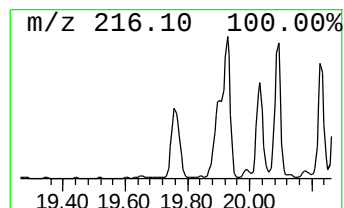
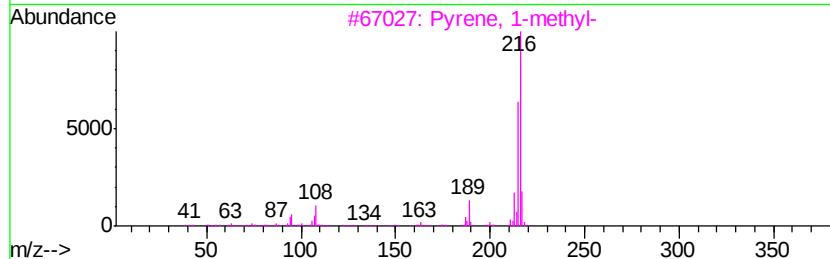
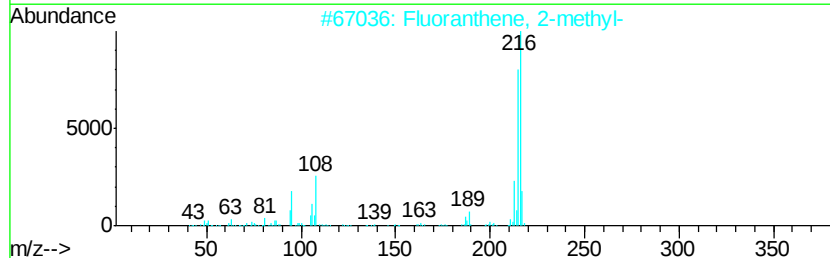
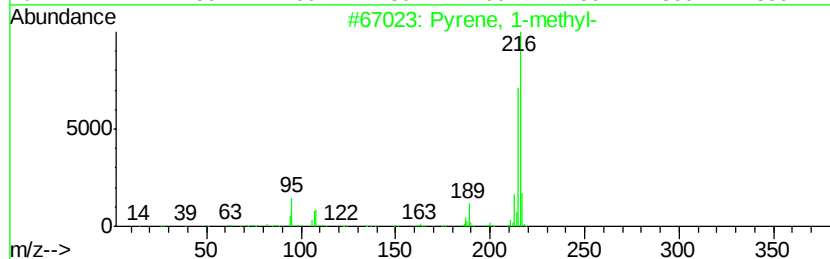
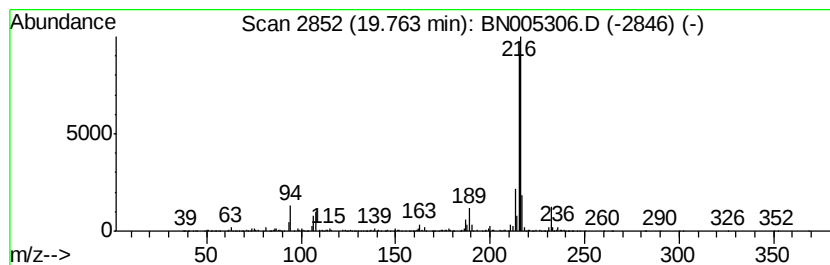
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Pyrene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.74 ng/ul	3046120	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
Operator : JU/SJ
Sample : K2456-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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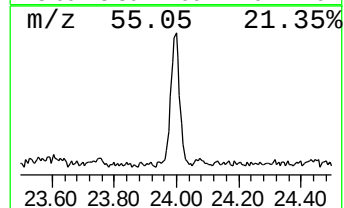
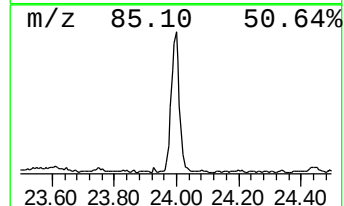
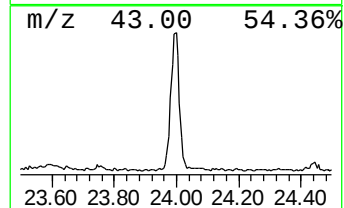
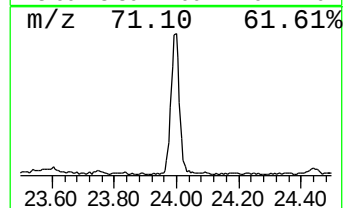
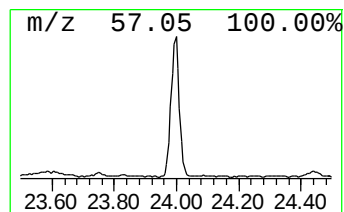
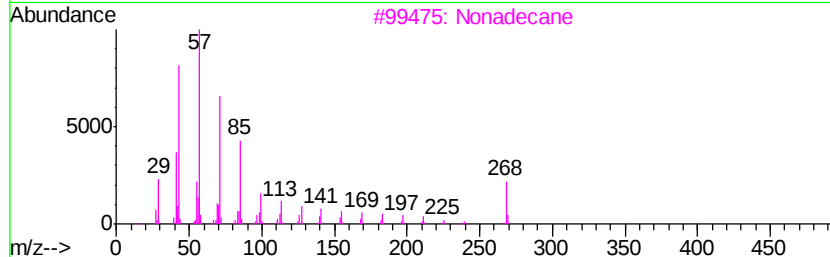
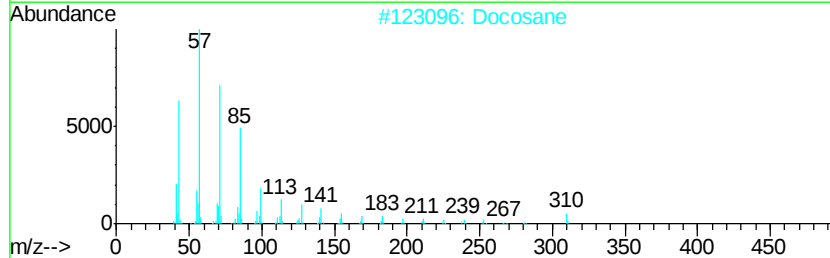
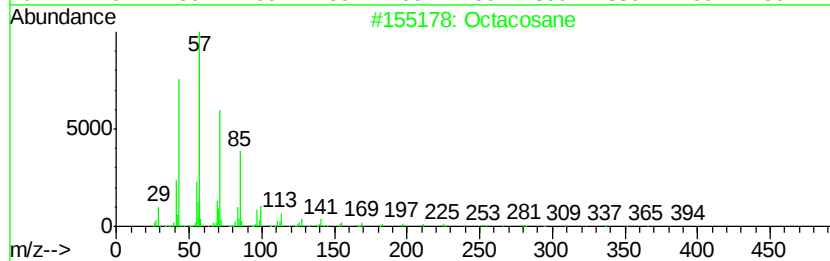
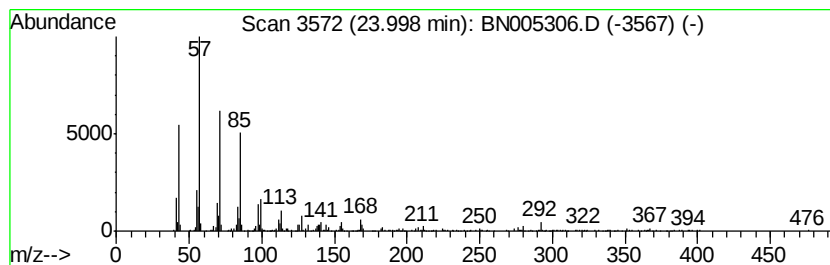
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.16 ng/ul	696417	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	96
2			Docosane	310	C22H46	000629-97-0	93
3			Nonadecane	268	C19H40	000629-92-5	93
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005306.D
 Acq On : 26 Apr 2019 06:28
 Operator : JU/SJ
 Sample : K2456-10 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

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
(DEL) Alkane: Str...	11.80	3.9	ng/ul	934351	2	10.35	4827520	20.0
Naphthalene, 1-me...	12.25	8.2	ng/ul	1986370	2	10.35	4827520	20.0
(DEL) Alkane: Str...	13.07	4.9	ng/ul	1526810	3	14.23	6193620	20.0
Naphthalene, 1-et...	13.25	3.5	ng/ul	1085000	3	14.23	6193620	20.0
Naphthalene, 1,5-...	13.39	14.0	ng/ul	4341510	3	14.23	6193620	20.0
Naphthalene, 2,6-...	13.55	17.2	ng/ul	5336310	3	14.23	6193620	20.0
Naphthalene, 2,3-...	13.78	6.5	ng/ul	2018780	3	14.23	6193620	20.0
(DEL) Alkane: Str...	14.15	3.4	ng/ul	1059930	3	14.23	6193620	20.0
Naphthalene, 2,3,...	14.63	5.0	ng/ul	1562560	3	14.23	6193620	20.0
Naphthalene, 1,6,...	14.71	3.9	ng/ul	1212380	3	14.23	6193620	20.0
3-(2-Methyl-prope...	14.85	5.3	ng/ul	1650200	3	14.23	6193620	20.0
unknown-01	14.90	2.4	ng/ul	738087	3	14.23	6193620	20.0
(DEL) Alkane: Str...	15.11	4.5	ng/ul	1379090	3	14.23	6193620	20.0
unknown-02	15.50	2.3	ng/ul	711573	3	14.23	6193620	20.0
(DEL) Alkane: Str...	15.97	3.4	ng/ul	1268370	4	16.98	7511710	20.0
9H-Fluorene, 1-me...	16.29	3.8	ng/ul	1427830	4	16.98	7511710	20.0
9H-Fluorene, 2-me...	16.34	2.7	ng/ul	1025960	4	16.98	7511710	20.0
unknown-03	17.17	2.3	ng/ul	865559	4	16.98	7511710	20.0
Naphthalene, 1-ph...	17.51	2.5	ng/ul	924409	4	16.98	7511710	20.0
1,2-Acenaphthylen...	17.65	3.3	ng/ul	1240840	4	16.98	7511710	20.0
Phenanthrene, 2-m...	17.86	11.0	ng/ul	4136120	4	16.98	7511710	20.0
Phenanthrene, 1-m...	17.91	12.7	ng/ul	4775040	4	16.98	7511710	20.0
Benzaldehyde, 3,5...	18.05	17.0	ng/ul	6374730	4	16.98	7511710	20.0
Anthracene, 2-met...	18.09	6.1	ng/ul	2284580	4	16.98	7511710	20.0
2-Phenyl naphthalene	18.37	5.6	ng/ul	2109130	4	16.98	7511710	20.0
9,10-Anthracenedione	18.40	5.3	ng/ul	2007680	4	16.98	7511710	20.0
Phenanthrene, 2,3...	18.62	3.0	ng/ul	1116250	4	16.98	7511710	20.0
di-p-Tolylacetylene	18.67	3.1	ng/ul	1168790	4	16.98	7511710	20.0
Phenanthrene, 2,5...	18.79	7.5	ng/ul	2812410	4	16.98	7511710	20.0
unknown-04	18.85	6.9	ng/ul	2577740	4	16.98	7511710	20.0
9,10-Dimethylanthe...	18.89	2.2	ng/ul	816650	4	16.98	7511710	20.0
Cyclopenta(def)ph...	18.93	8.4	ng/ul	3145130	4	16.98	7511710	20.0
Pyrene, 1-methyl-	19.76	3.7	ng/ul	3046120	5	21.22	16310000	20.0
(DEL) Alkane: Str...	24.00	2.2	ng/ul	696417	6	23.42	6433460	20.0