

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
 Data File : BM020428.D
 Acq On : 20 May 2019 12:54
 Operator : JU/SJ
 Sample : K2633-04DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJ96DL

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_M\METHODS\SOM-EPA-BM051619MA.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	7.734	801	807	818	rBV	230816	386940	4.40%	0.476%
2	10.528	1276	1282	1287	rVV	301564	519177	5.90%	0.639%
3	10.580	1287	1291	1300	rVB	117888	196529	2.23%	0.242%
4	11.933	1512	1521	1528	rBV3	101323	204086	2.32%	0.251%
5	12.198	1559	1566	1577	rVB	3424481	5274598	59.94%	6.489%
6	12.422	1592	1604	1612	rBV	3690485	5768739	65.55%	7.097%
7	13.186	1727	1734	1735	rBV	96952	134493	1.53%	0.165%
8	13.216	1735	1739	1747	rVB	598871	884848	10.06%	1.089%
9	13.410	1766	1772	1784	rVB	405096	912026	10.36%	1.122%
10	13.545	1784	1795	1796	rBV	1798736	2295941	26.09%	2.825%
11	13.710	1814	1823	1827	rVV	2173395	3933603	44.70%	4.839%
12	13.763	1827	1832	1840	rVV	1317262	2040226	23.18%	2.510%
13	13.839	1840	1845	1852	rVB	617605	868241	9.87%	1.068%
14	13.945	1857	1863	1867	rVV	1031229	1619595	18.40%	1.992%
15	13.974	1867	1868	1874	rVB	282457	267073	3.03%	0.329%
16	14.110	1880	1891	1901	rBV	1717755	2717050	30.88%	3.343%
17	14.263	1910	1917	1921	rBV2	83462	113617	1.29%	0.140%
18	14.363	1926	1934	1936	rVV	627636	970158	11.02%	1.194%
19	14.386	1936	1938	1943	rVV2	483302	678370	7.71%	0.835%
20	14.468	1943	1952	1957	rVV3	348909	863576	9.81%	1.062%
21	14.516	1957	1960	1967	rVB3	49641	96361	1.10%	0.119%
22	14.592	1967	1973	1982	rVB	272944	588607	6.69%	0.724%
23	14.674	1982	1987	1995	rBV3	100478	212523	2.42%	0.261%
24	14.786	1995	2006	2013	rVV2	562395	1021491	11.61%	1.257%
25	14.863	2013	2019	2027	rVB	448662	676084	7.68%	0.832%
26	14.992	2035	2041	2047	rBV3	437328	844300	9.59%	1.039%
27	15.057	2047	2052	2056	rVV	372031	538581	6.12%	0.663%
28	15.174	2063	2072	2075	rBV2	210389	507810	5.77%	0.625%
29	15.210	2075	2078	2083	rVB3	125076	187825	2.13%	0.231%
30	15.263	2083	2087	2092	rVB	278235	377737	4.29%	0.465%
31	15.321	2092	2097	2101	rBV2	339704	638797	7.26%	0.786%
32	15.357	2101	2103	2105	rVV	199374	252848	2.87%	0.311%
33	15.386	2105	2108	2112	rVV2	399766	565130	6.42%	0.695%
34	15.445	2112	2118	2128	rVB	1286123	2328869	26.46%	2.865%

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35	15.563	2134	2138	2142	rVB2	158371	202001	2.30%	0.249%
36	15.598	2142	2144	2148	rVB2	81105	101567	1.15%	0.125%
37	15.645	2148	2152	2160	rBV4	72403	162327	1.84%	0.200%
38	15.727	2160	2166	2172	rVB2	225030	411562	4.68%	0.506%
39	15.880	2188	2192	2200	rVB	152009	288020	3.27%	0.354%
40	16.110	2227	2231	2237	rVB3	115893	180790	2.05%	0.222%
41	16.204	2241	2247	2250	rBV	73886	103938	1.18%	0.128%
42	16.445	2280	2288	2292	rVB2	346195	773925	8.79%	0.952%
43	16.492	2292	2296	2302	rVB	407631	548611	6.23%	0.675%
44	16.592	2308	2313	2318	rVB	205972	296403	3.37%	0.365%
45	16.668	2318	2326	2328	rBV4	65098	139634	1.59%	0.172%
46	16.804	2344	2349	2354	rVV	259029	385085	4.38%	0.474%
47	16.874	2354	2361	2366	rVB4	60443	116213	1.32%	0.143%
48	16.962	2371	2376	2387	rVB	333299	508592	5.78%	0.626%
49	17.145	2401	2407	2410	rVV	583076	887596	10.09%	1.092%
50	17.192	2410	2415	2420	rVV	6342082	8799941	100.00%	10.826%
51	17.239	2420	2423	2426	rVV2	112731	188122	2.14%	0.231%
52	17.274	2426	2429	2434	rVV	413602	600906	6.83%	0.739%
53	17.333	2434	2439	2443	rVV2	134588	283549	3.22%	0.349%
54	17.374	2443	2446	2449	rVV2	75092	115621	1.31%	0.142%
55	17.421	2449	2454	2457	rVV4	73186	167057	1.90%	0.206%
56	17.462	2457	2461	2465	rVV3	80116	138058	1.57%	0.170%
57	17.562	2472	2478	2483	rVV6	43216	119001	1.35%	0.146%
58	17.656	2490	2494	2498	rVV	152535	205619	2.34%	0.253%
59	17.721	2501	2505	2513	rVB3	248793	402667	4.58%	0.495%
60	17.833	2519	2524	2526	rVV2	121980	181208	2.06%	0.223%
61	17.862	2526	2529	2537	rVB	118261	217444	2.47%	0.268%
62	17.945	2537	2543	2547	rBV2	82636	133548	1.52%	0.164%
63	18.015	2550	2555	2559	rVV	1565049	2130262	24.21%	2.621%
64	18.068	2559	2564	2570	rVV	1689122	2276102	25.86%	2.800%
65	18.145	2573	2577	2582	rVV	124781	175184	1.99%	0.216%
66	18.209	2582	2588	2592	rVV2	979602	1775099	20.17%	2.184%
67	18.251	2592	2595	2603	rVB	768743	1015587	11.54%	1.249%
68	18.521	2636	2641	2645	rVV	603283	835374	9.49%	1.028%
69	18.574	2645	2650	2658	rVB	528323	765767	8.70%	0.942%
70	18.762	2679	2682	2687	rVV2	177285	287368	3.27%	0.354%
71	18.815	2687	2691	2695	rVV	193489	254141	2.89%	0.313%

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72	18.856	2695	2698	2702	rVB	108747	125049	1.42%	0.154%
73	18.939	2706	2712	2715	rBV2	411087	689444	7.83%	0.848%
74	18.974	2715	2718	2722	rVV2	350157	650977	7.40%	0.801%
75	19.033	2725	2728	2731	rVV	207643	264246	3.00%	0.325%
76	19.092	2731	2738	2749	rVV6	157400	447718	5.09%	0.551%
77	19.203	2749	2757	2763	rVV2	1241079	1809558	20.56%	2.226%
78	19.268	2763	2768	2771	rVV	168579	233496	2.65%	0.287%
79	19.303	2771	2774	2779	rVV2	120082	179825	2.04%	0.221%
80	19.356	2779	2783	2788	rVV	425364	597174	6.79%	0.735%
81	19.409	2788	2792	2797	rVV3	207723	320658	3.64%	0.394%
82	19.474	2800	2803	2807	rVB	79228	103644	1.18%	0.128%
83	19.574	2815	2820	2828	rVB	1717630	2399943	27.27%	2.952%
84	19.645	2828	2832	2837	rVB3	119976	170149	1.93%	0.209%
85	19.898	2869	2875	2883	rBV3	203505	486012	5.52%	0.598%
86	20.033	2893	2898	2900	rBV2	186072	301172	3.42%	0.371%
87	20.068	2900	2904	2908	rVB	317029	497256	5.65%	0.612%
88	20.168	2917	2921	2926	rBV2	185925	246393	2.80%	0.303%
89	20.227	2927	2931	2935	rVB	273124	321358	3.65%	0.395%
90	20.368	2951	2955	2959	rBV	201452	278764	3.17%	0.343%
91	20.415	2959	2963	2967	rVB	216642	283119	3.22%	0.348%
92	20.821	3028	3032	3038	rVB	142728	215432	2.45%	0.265%
93	21.021	3063	3066	3070	rVB	157677	176688	2.01%	0.217%
94	21.121	3080	3083	3088	rVB	170886	204667	2.33%	0.252%
95	21.339	3113	3120	3124	rBV2	1017743	2080681	23.64%	2.560%
96	21.374	3124	3126	3132	rVB	607684	709086	8.06%	0.872%
97	21.550	3153	3156	3160	rVB	126718	150783	1.71%	0.185%
98	21.897	3211	3215	3218	rVB	179411	225259	2.56%	0.277%
99	22.933	3388	3391	3403	rVB2	219803	613157	6.97%	0.754%
100	23.621	3503	3508	3513	rVB	492462	844099	9.59%	1.038%

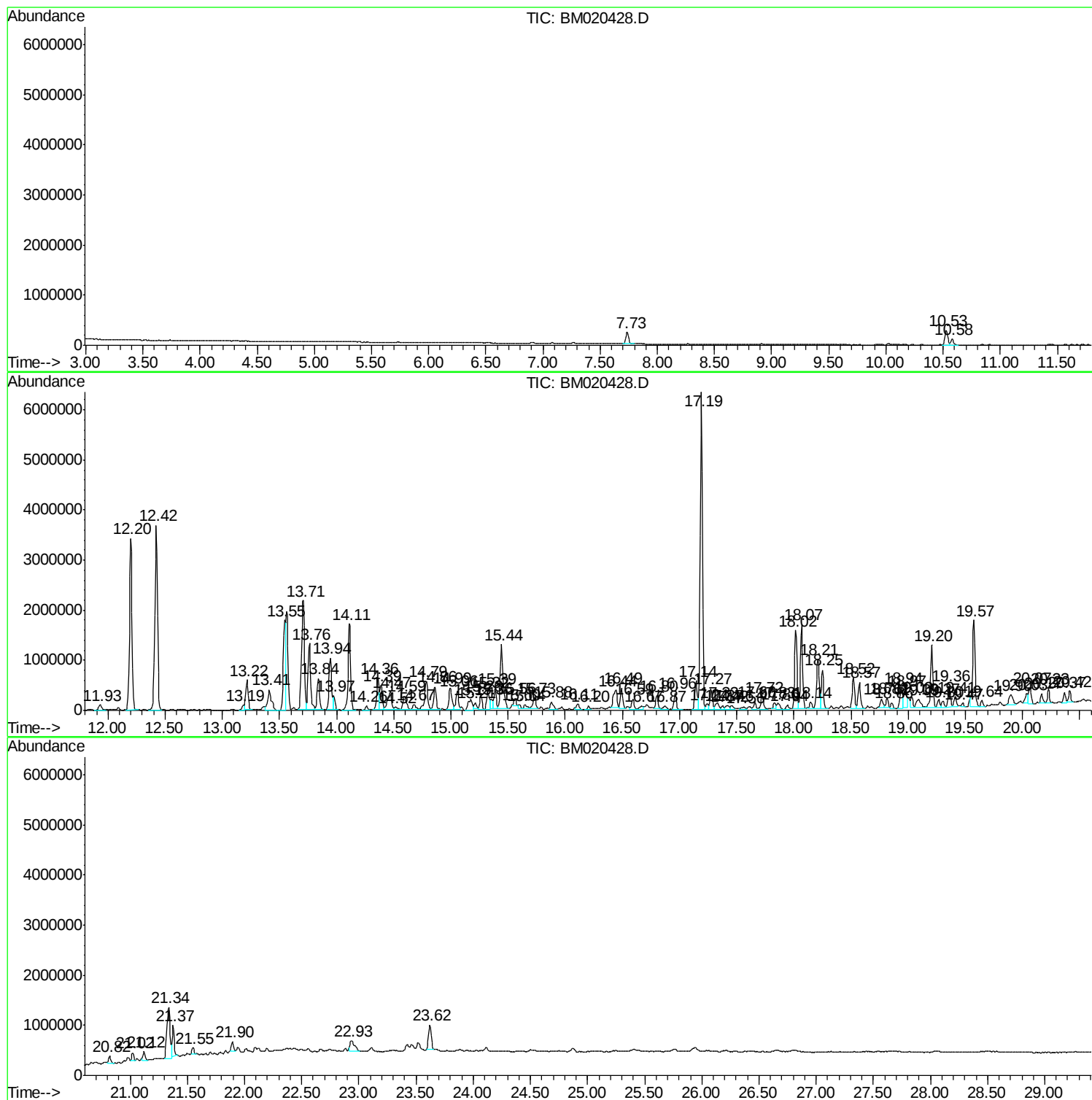
Sum of corrected areas: 81285545

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



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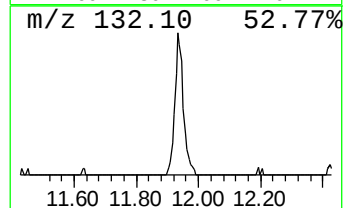
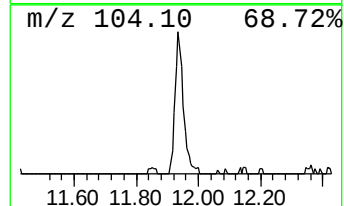
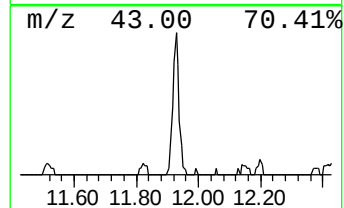
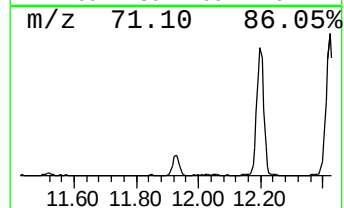
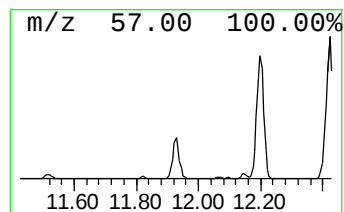
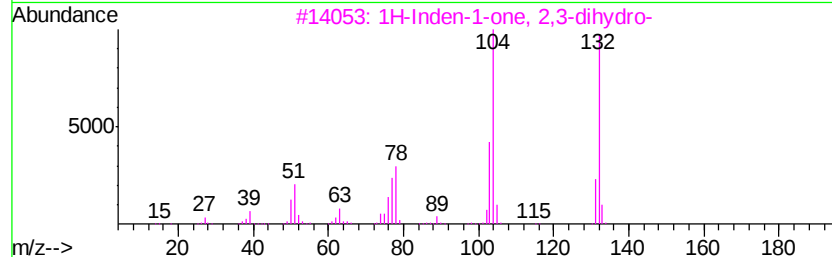
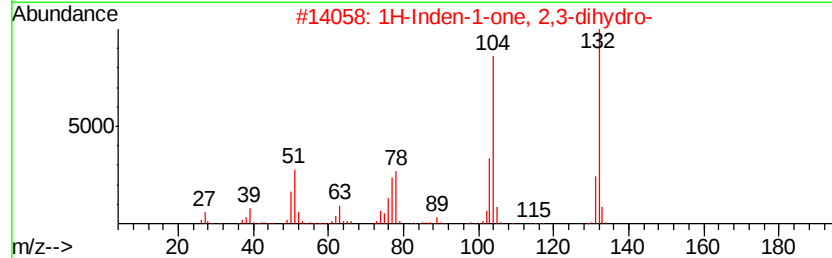
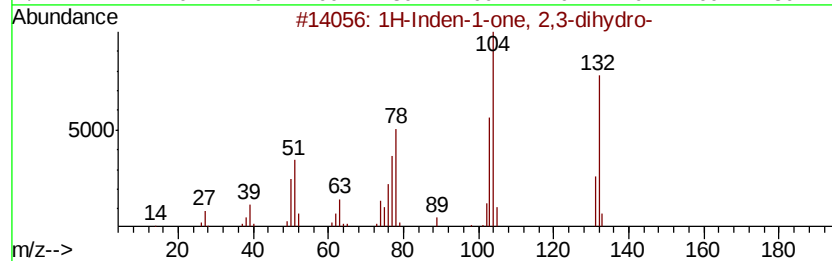
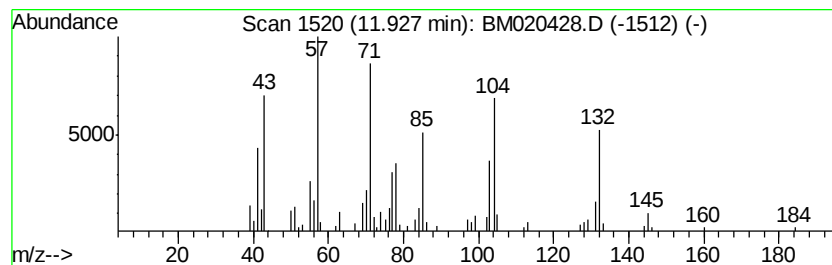
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	7.86 ng/ul	204086	Naphthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	83
2		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	60
3		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	60
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	35
5		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	35



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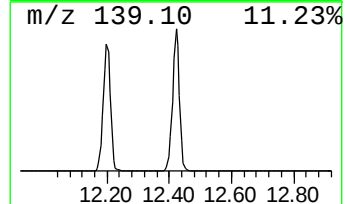
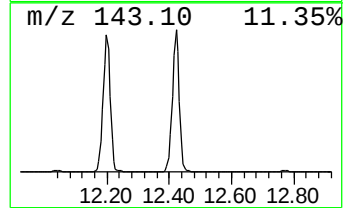
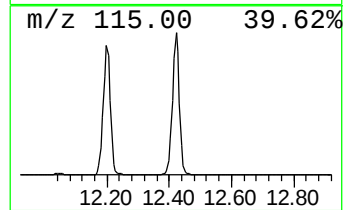
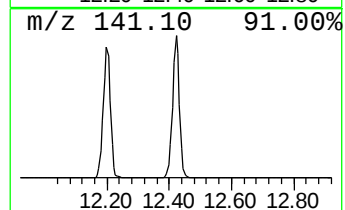
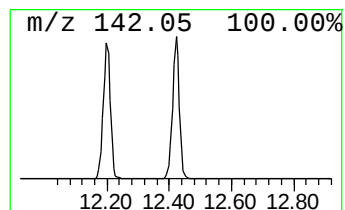
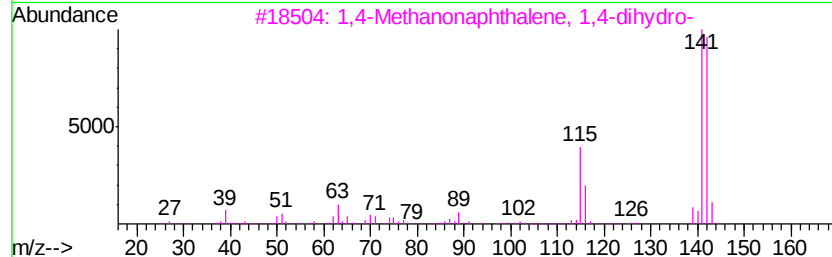
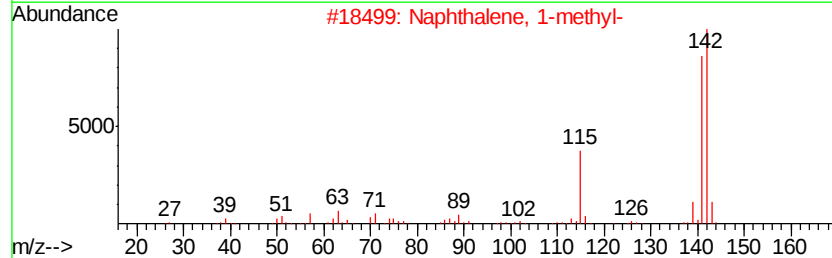
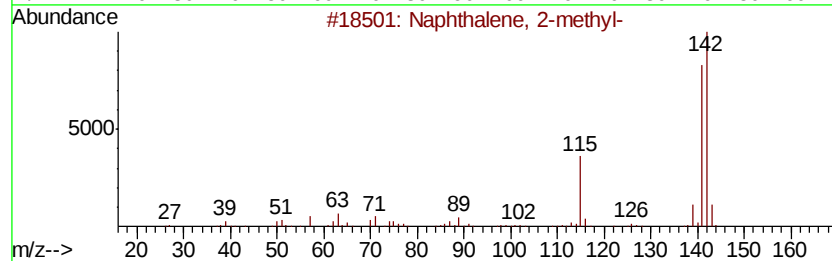
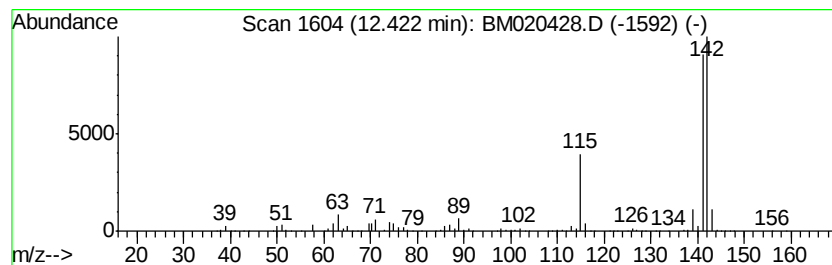
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	222.23 ng/ul	5768740	Naphthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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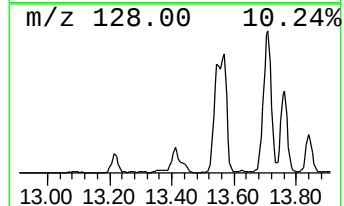
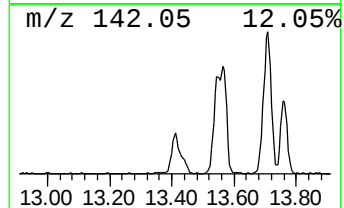
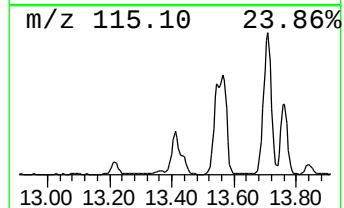
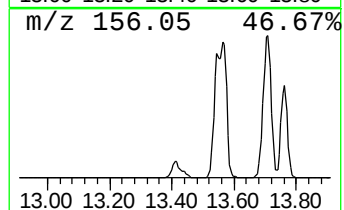
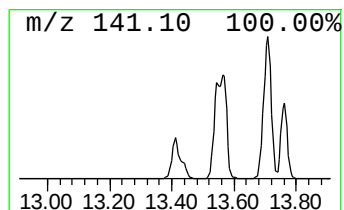
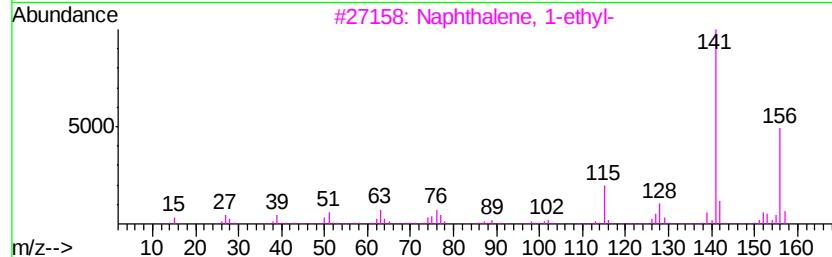
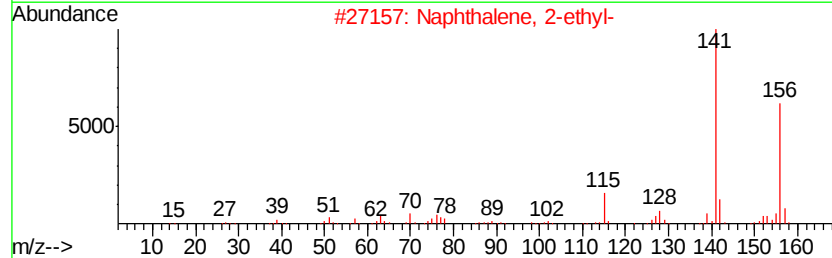
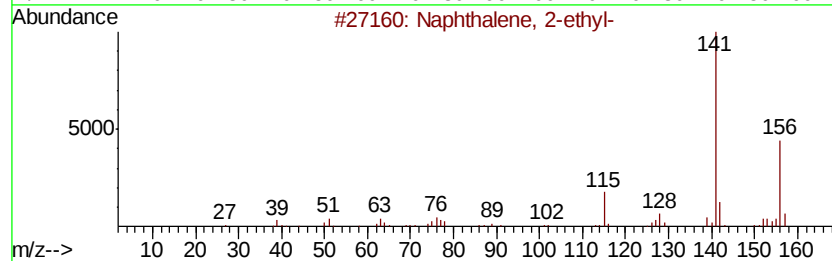
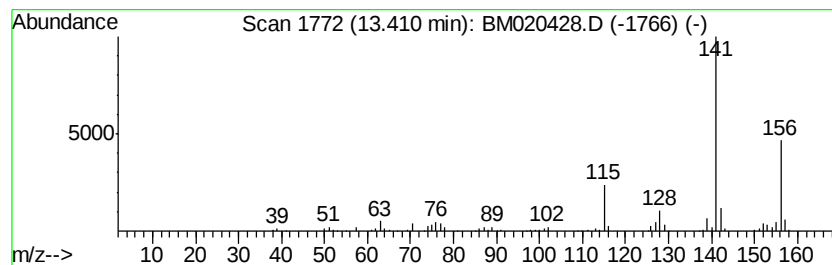
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	26.89 ng/ul	912026	Acenaphthene-d10	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ96DL

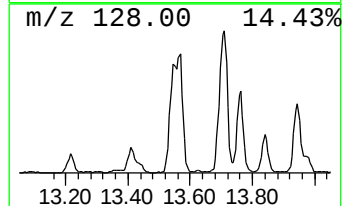
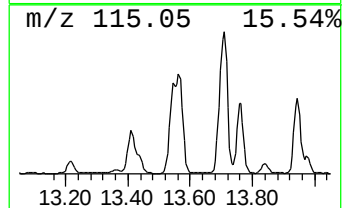
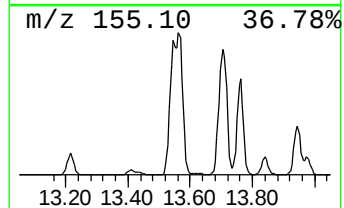
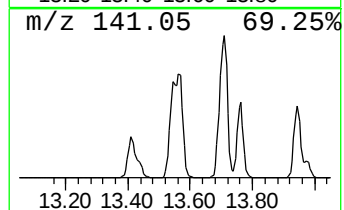
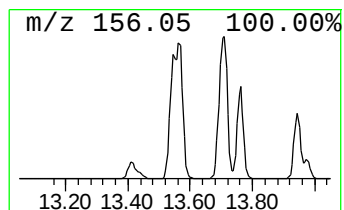
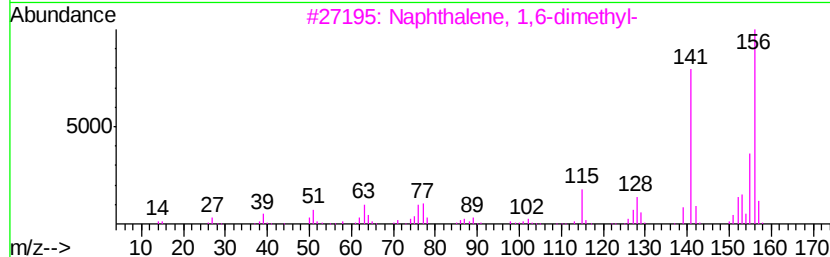
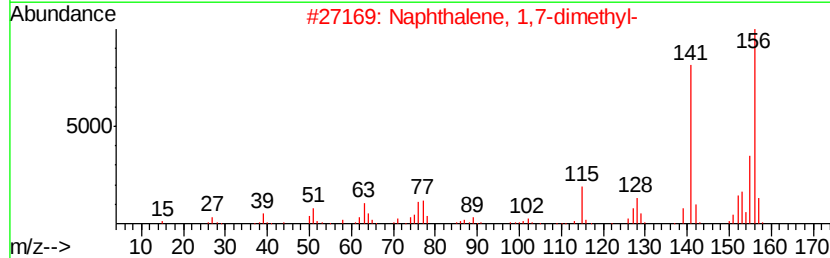
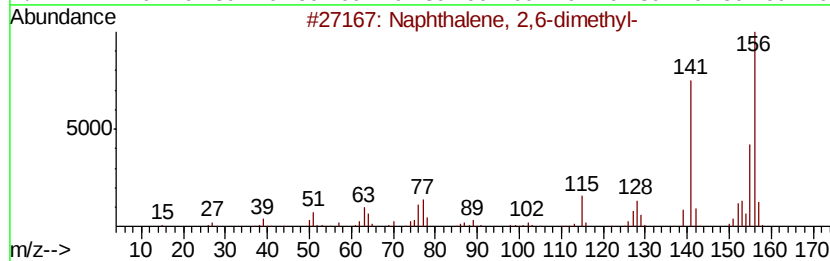
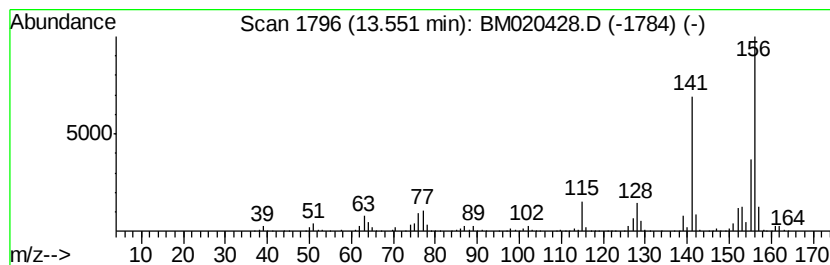
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	67.69 ng/ul	2295940	Acenaphthene-d10	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
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_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

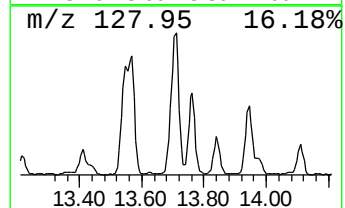
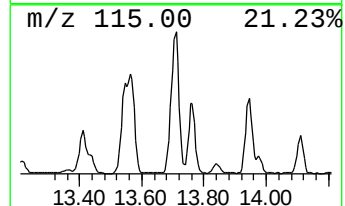
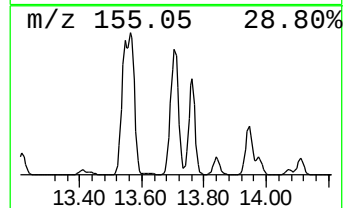
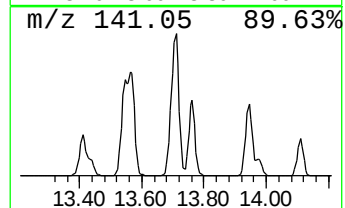
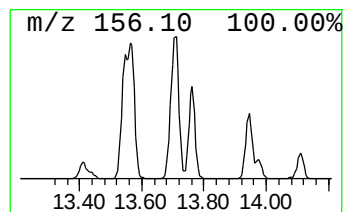
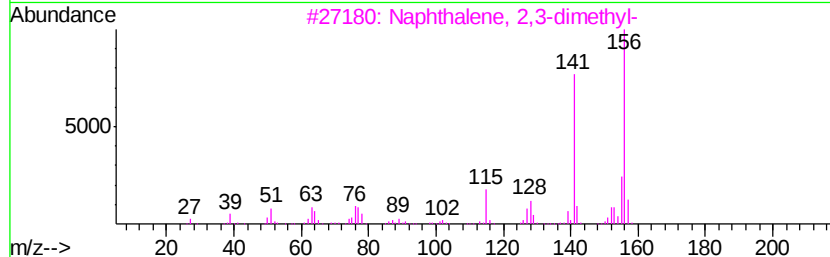
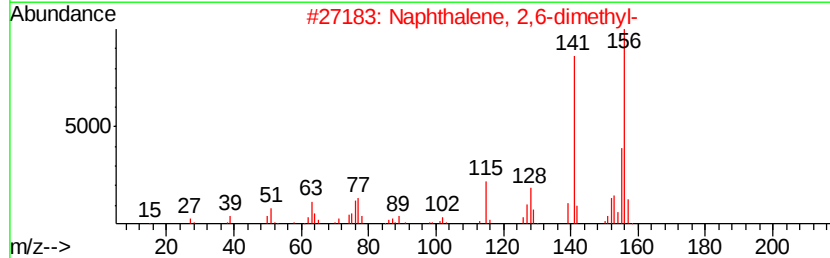
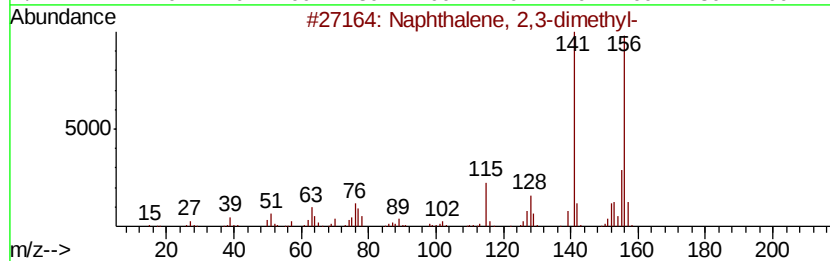
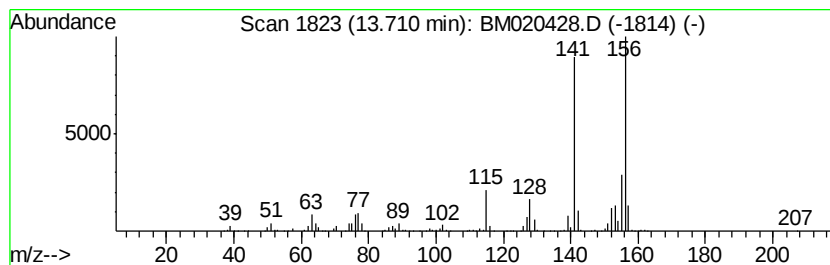
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	115.97 ng/ul	3933600	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0	98
3	Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8	97
5	Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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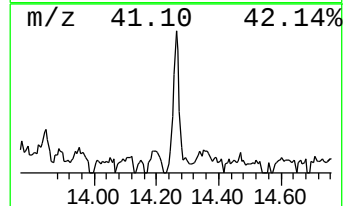
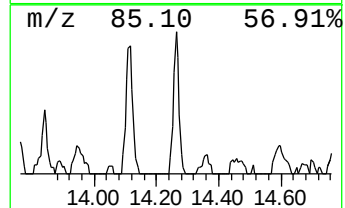
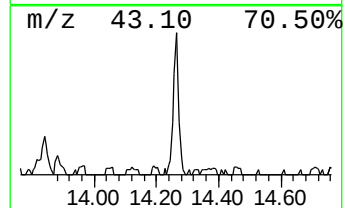
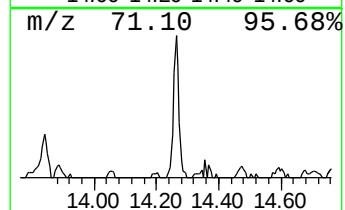
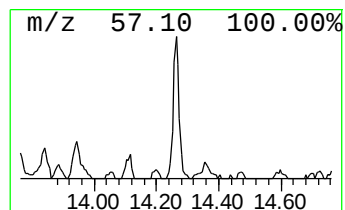
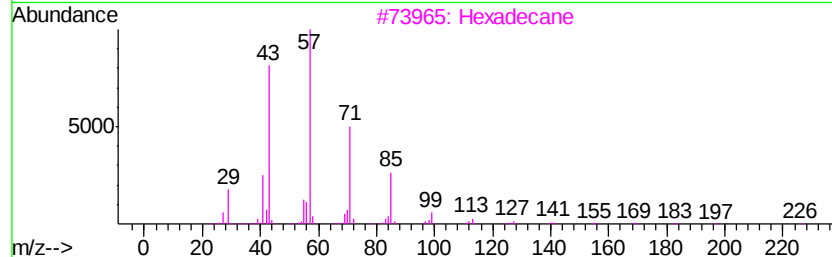
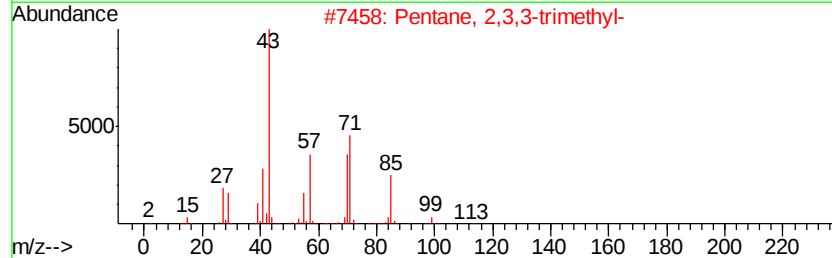
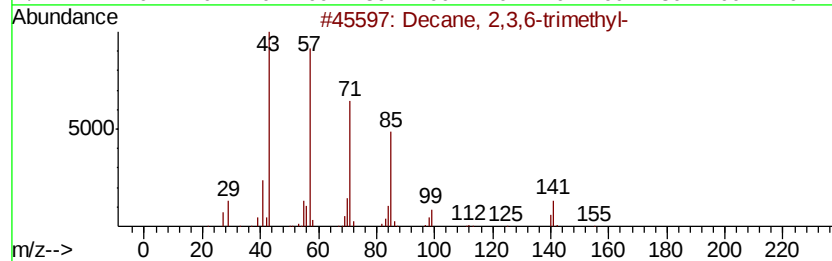
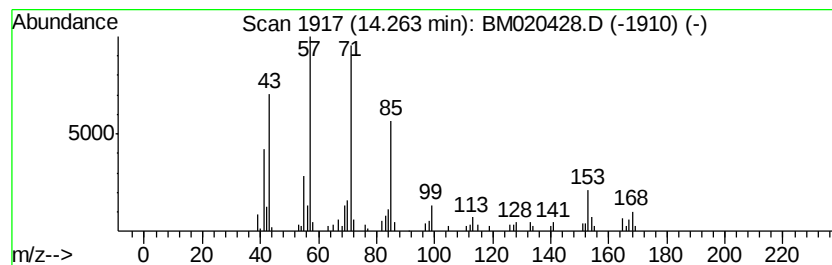
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	3.35 ng/ul	113617	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64
2			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
3			Hexadecane	226	C16H34	000544-76-3	52
4			Nonane, 1-iodo-	254	C9H19I	004282-42-2	50
5			Tetradecane	198	C14H30	000629-59-4	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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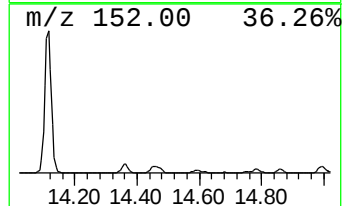
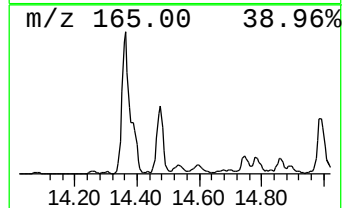
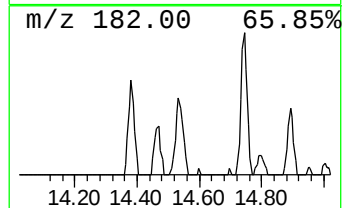
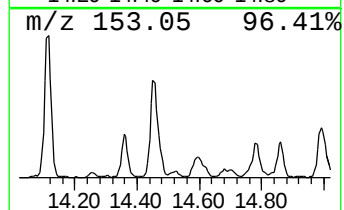
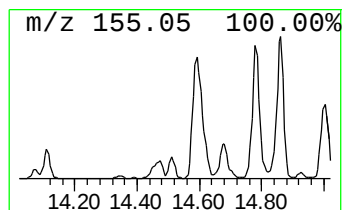
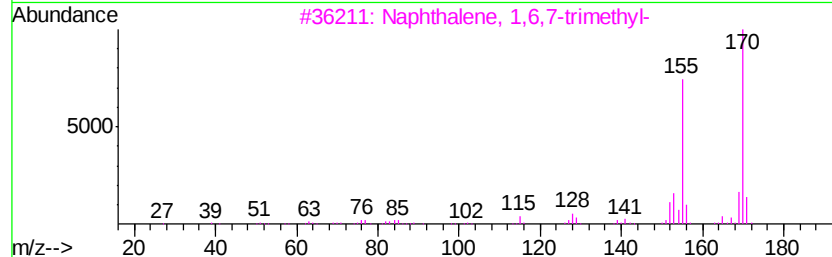
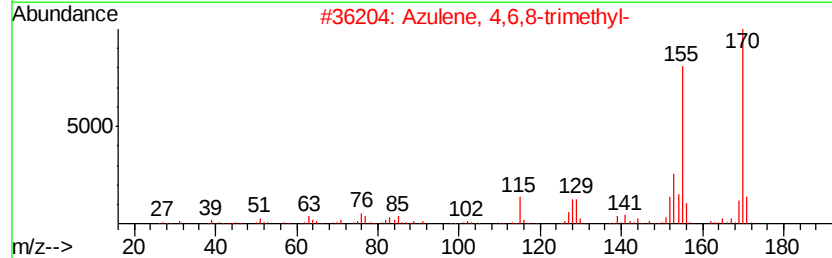
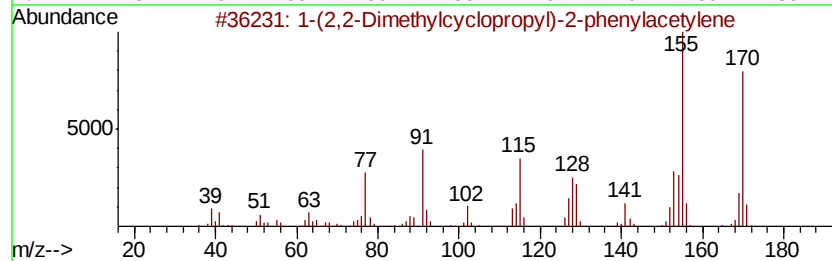
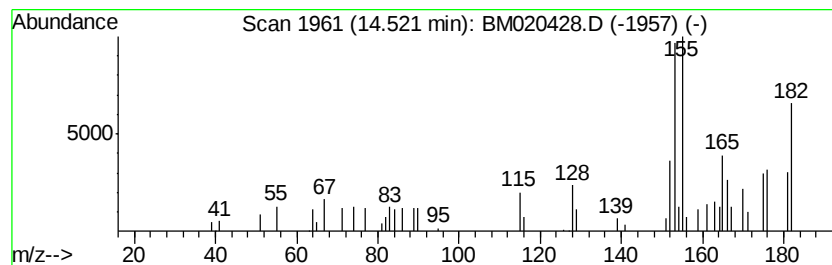
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.84 ng/ul	96361	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83
2			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	74
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	72
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
5			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
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Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

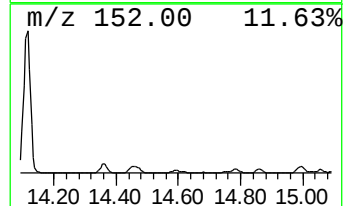
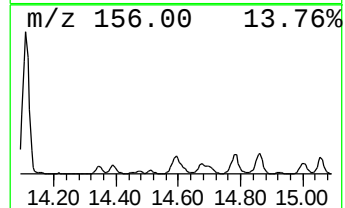
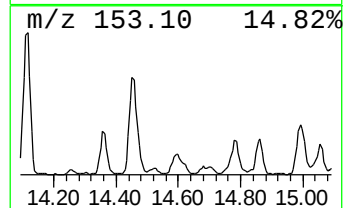
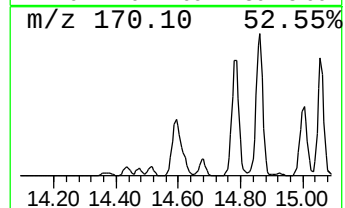
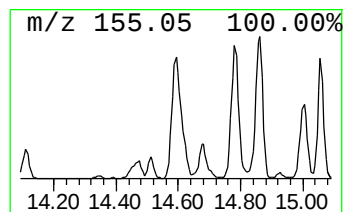
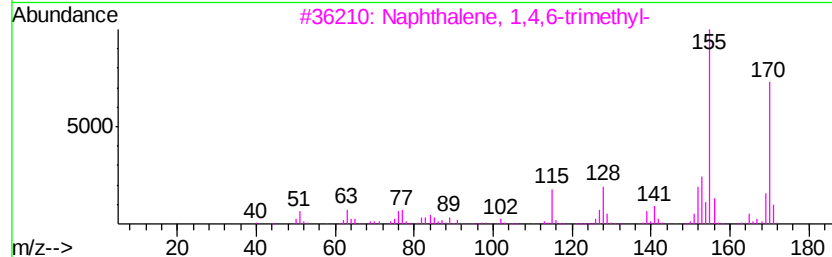
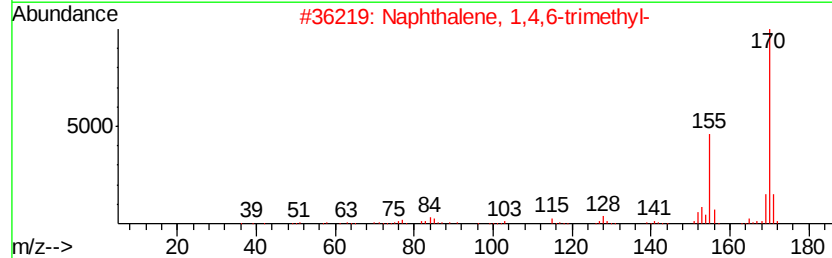
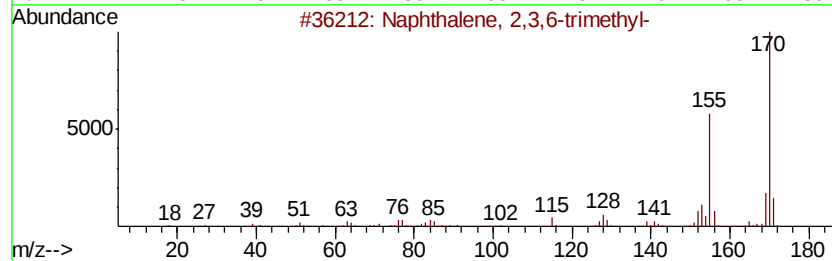
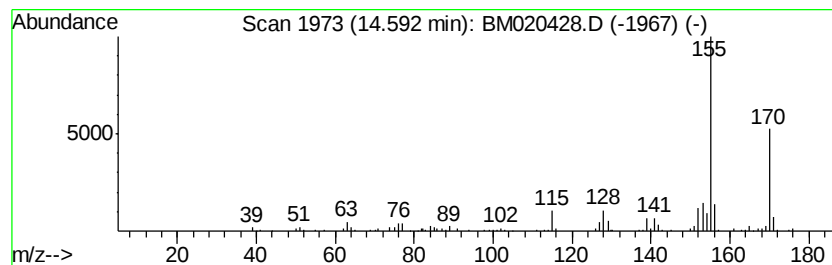
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	17.35 ng/ul	588607	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 94
2		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 94
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 93
4		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 91
5		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
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ALS Vial : 7 Sample Multiplier: 1

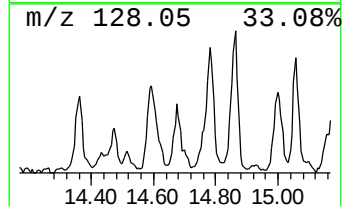
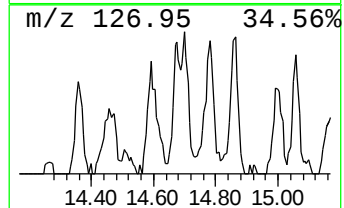
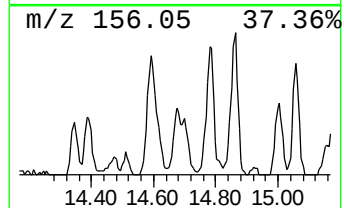
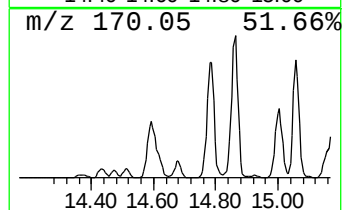
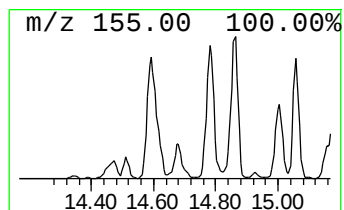
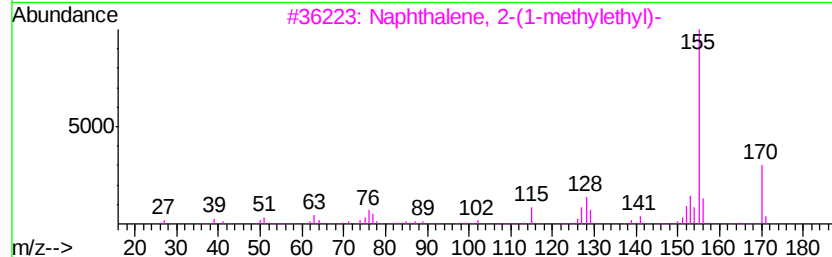
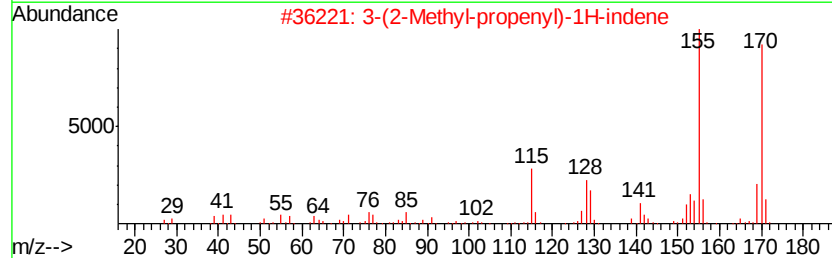
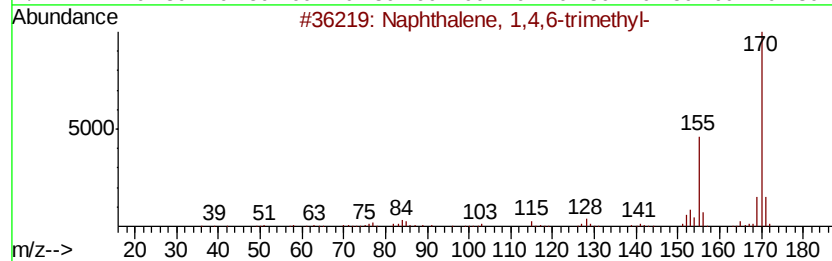
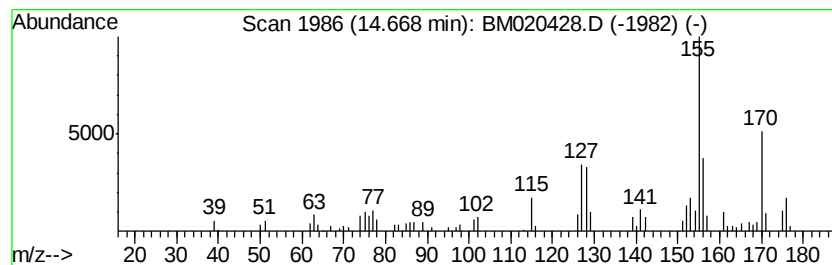
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	6.27 ng/ul	212523	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 81
2		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 74
3		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 64
4		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 62
5		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

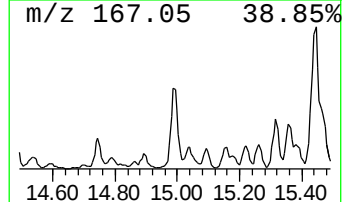
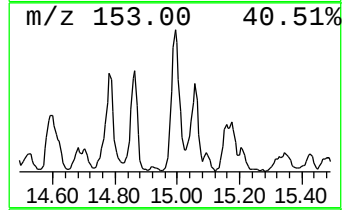
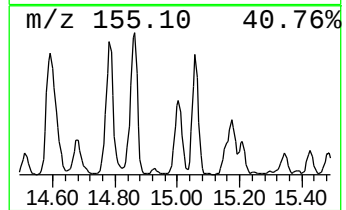
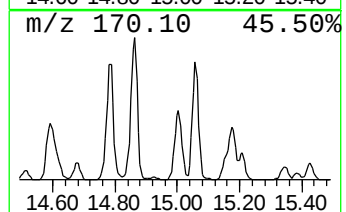
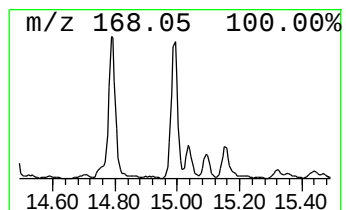
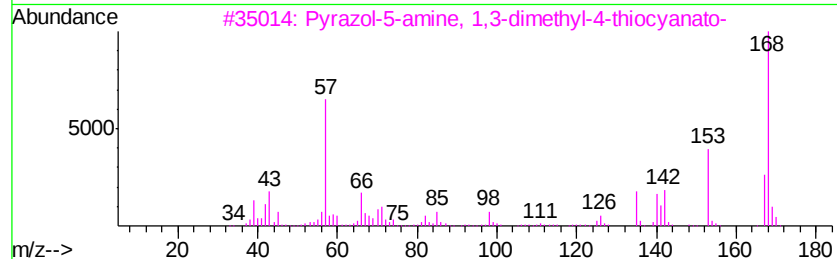
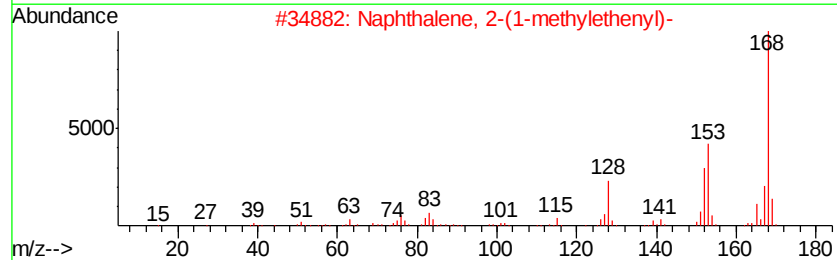
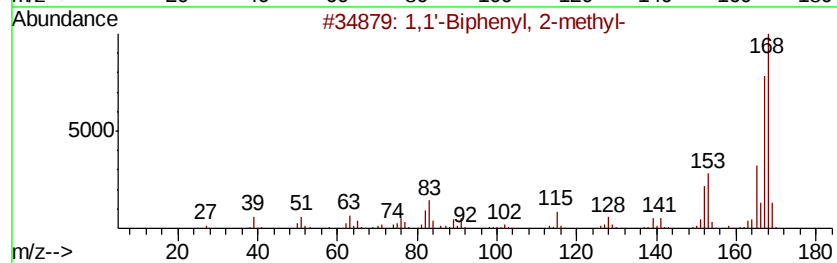
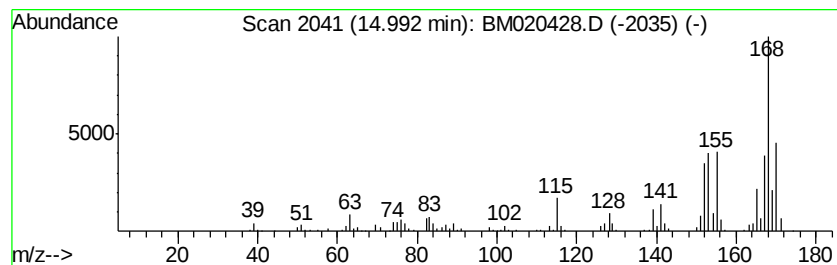
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.99	24.89 ng/ul	844300	Acenaphthene-d10	14.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	49
3	Pyrazol-5-amine, 1,3-dimethyl-4-...	168	C6H8N4S	019688-92-7	43
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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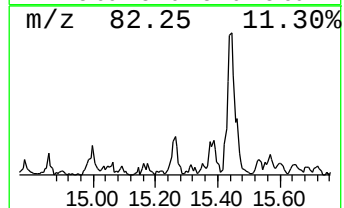
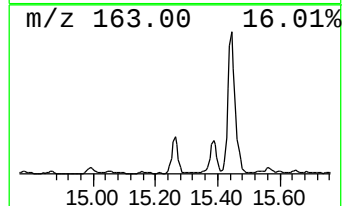
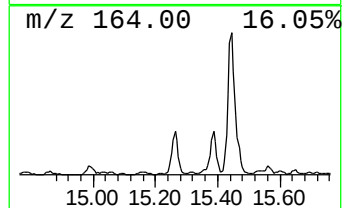
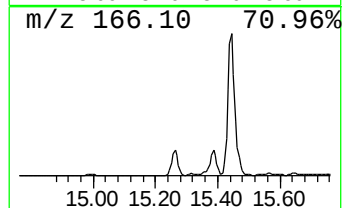
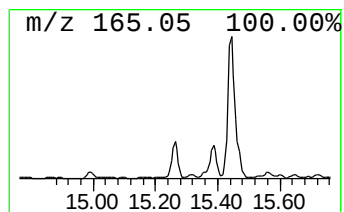
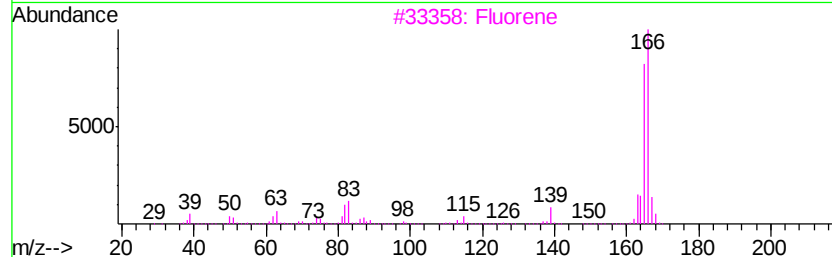
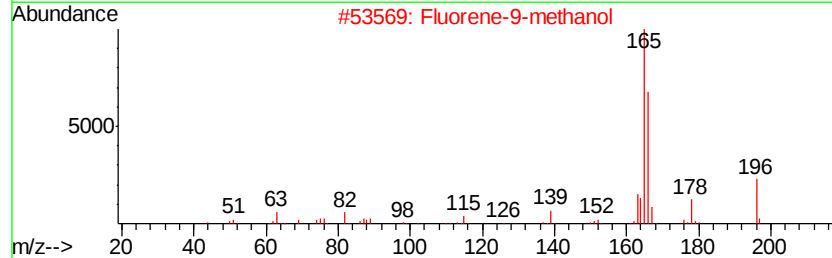
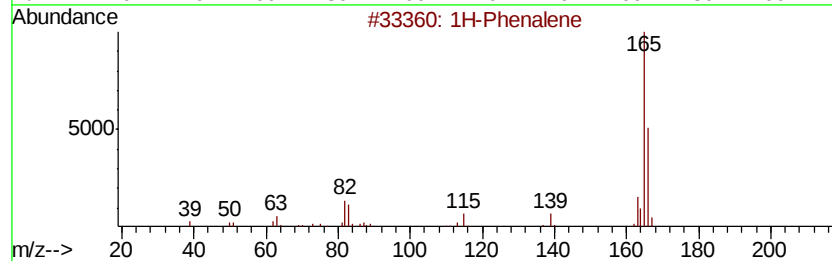
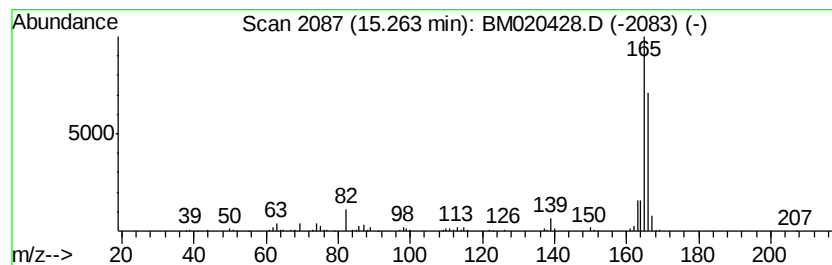
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1H-Phenalene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	11.14 ng/ul	377737	Acenaphthene-d10	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	78
2		Fluorene-9-methanol	196	C14H12O	024324-17-2	78
3		Fluorene	166	C13H10	000086-73-7	70
4		Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	64
5		Fluorene, 9-chloro-	200	C13H9Cl	006630-65-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
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Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
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ClientSampleId :
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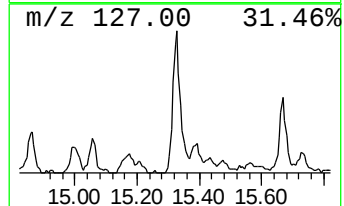
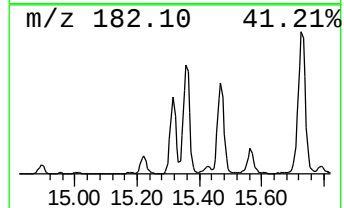
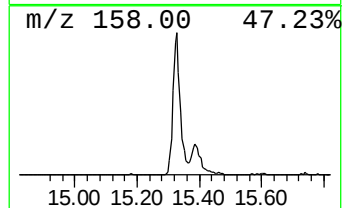
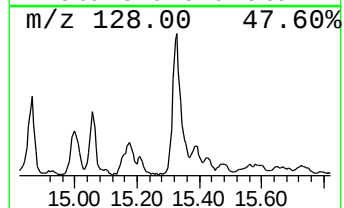
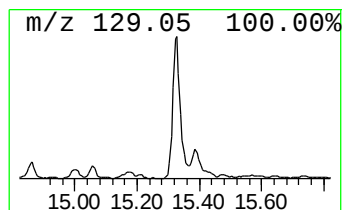
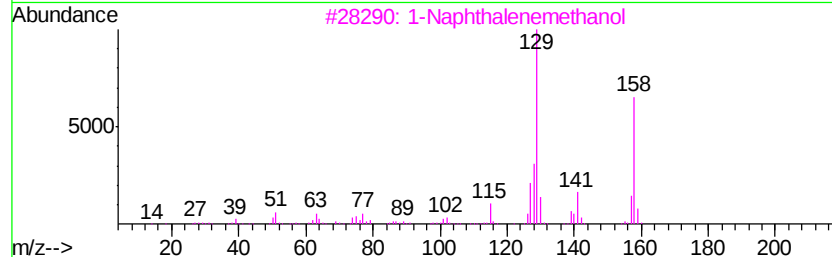
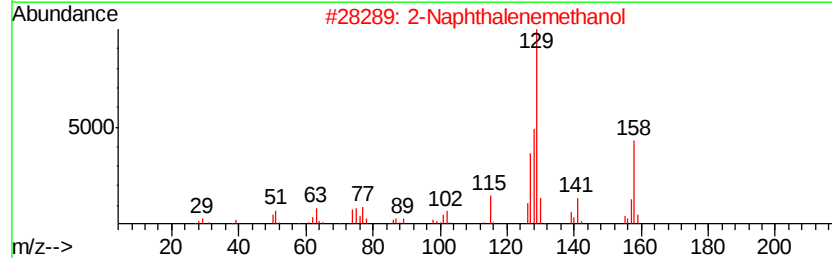
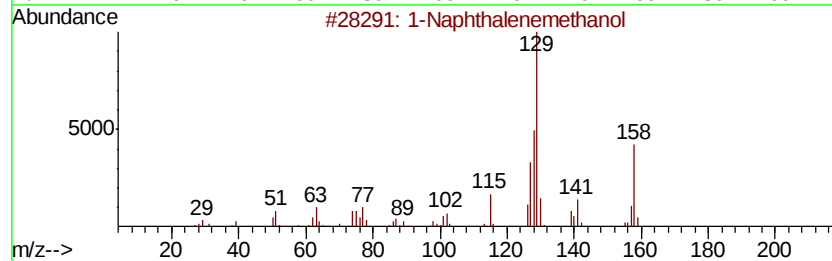
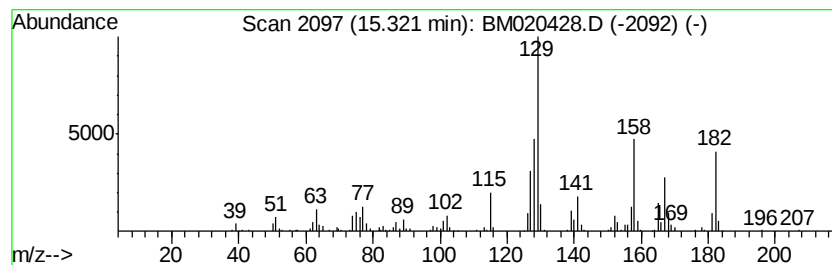
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1-Naphthalenemethanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	18.83 ng/ul	638797	Acenaphthene-d10	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenemethanol	158	C11H10O	004780-79-4	97
2		2-Naphthalenemethanol	158	C11H10O	001592-38-7	96
3		1-Naphthalenemethanol	158	C11H10O	004780-79-4	64
4		1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	64
5		1-Naphthalenemethanol	158	C11H10O	004780-79-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
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Instrument :
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ClientSampleId :
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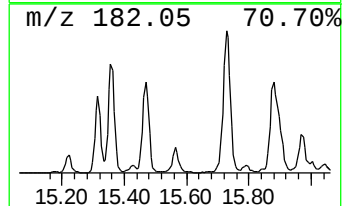
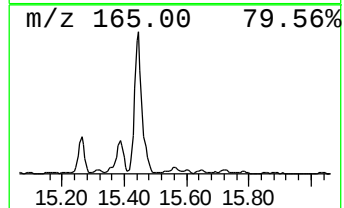
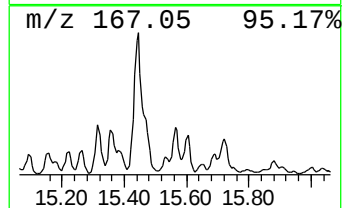
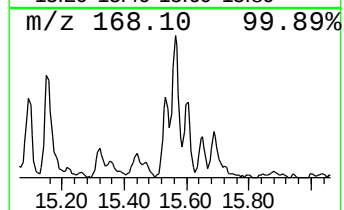
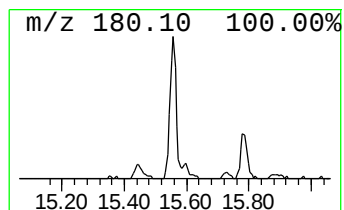
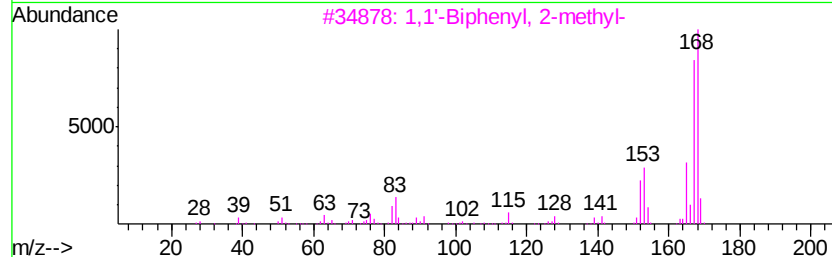
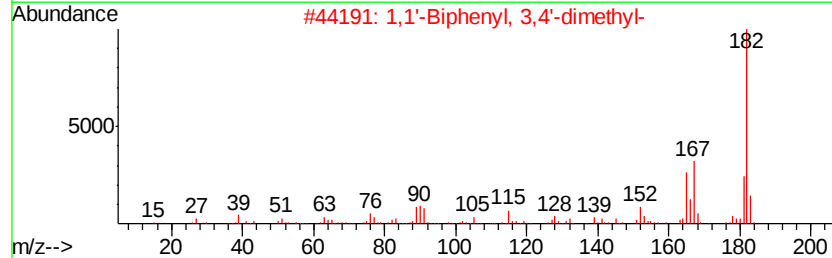
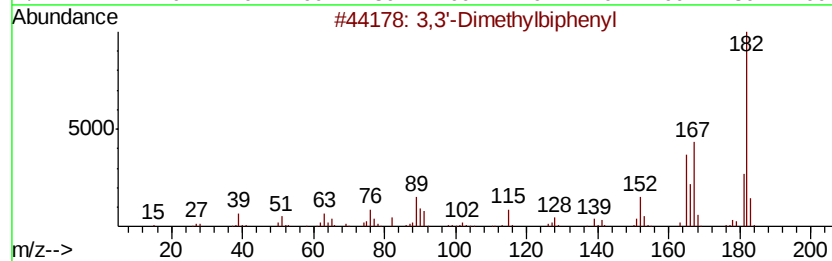
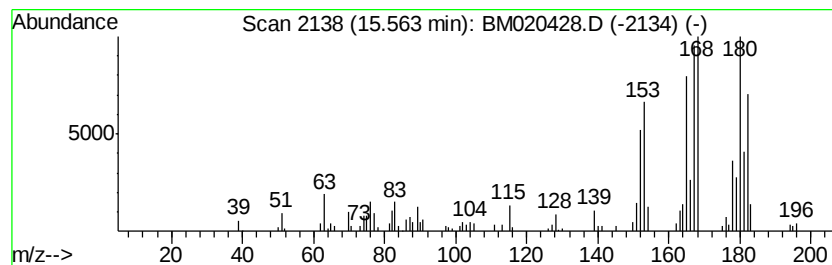
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	5.96 ng/ul	202001	Acenaphthene-d10	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	3'-Dimethylbiphenyl	182	C14H14	000612-75-9	46
2	1	1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	43
3	1	1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
4	1	1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5	1	1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
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ClientSampleId :
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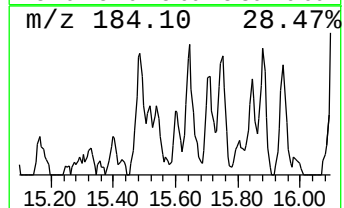
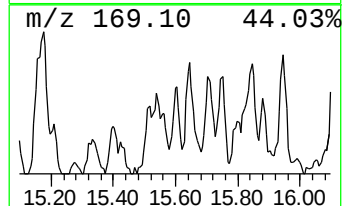
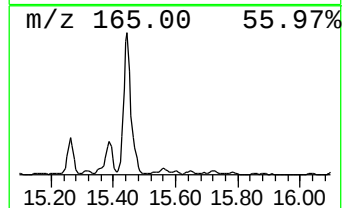
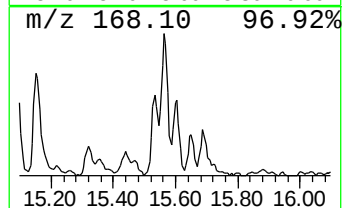
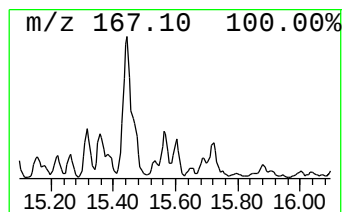
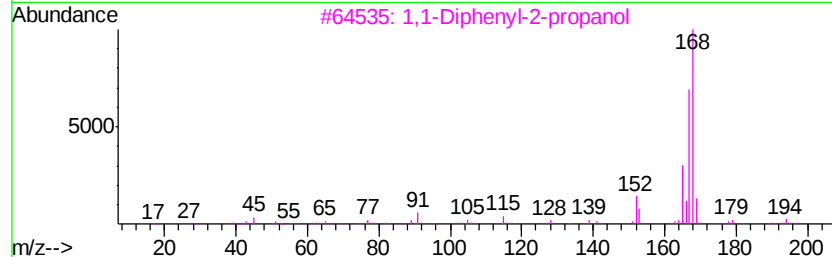
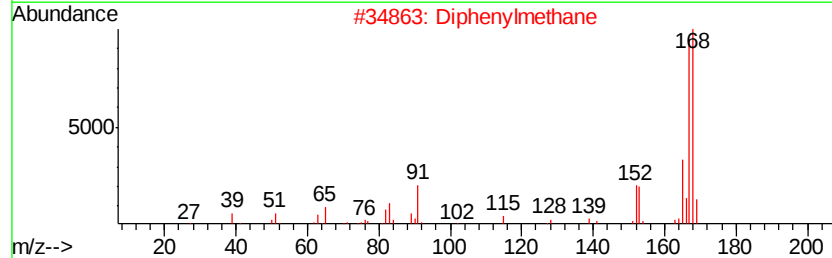
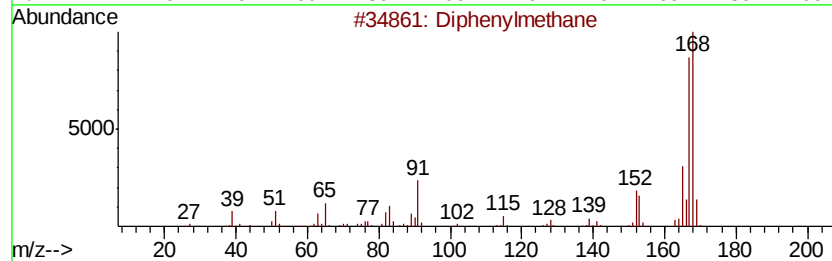
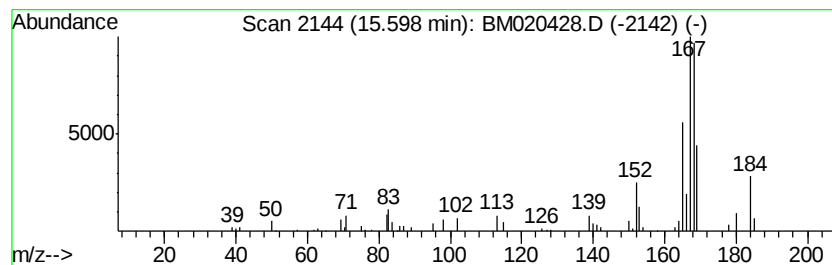
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Diphenylmethane Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.99 ng/ul	101567	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenylmethane	168	C13H12	000101-81-5	58
2			Diphenylmethane	168	C13H12	000101-81-5	52
3			1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	50
4			Nordiphenamid	225	C15H15NO	000954-21-2	50
5			Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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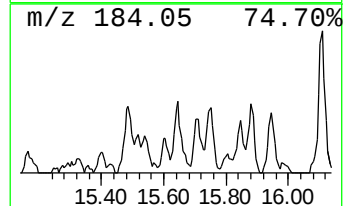
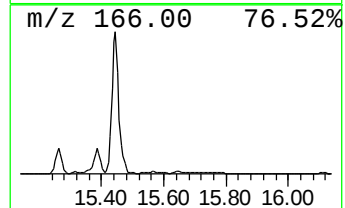
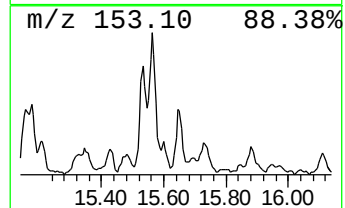
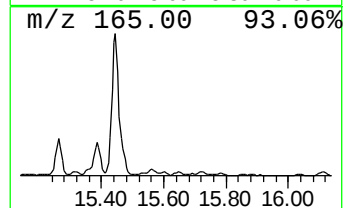
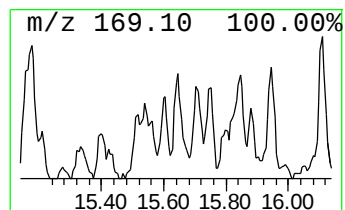
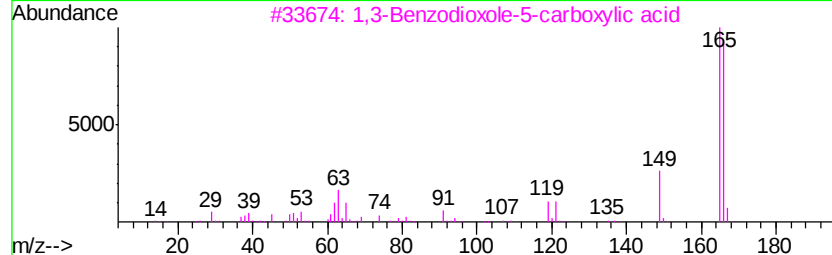
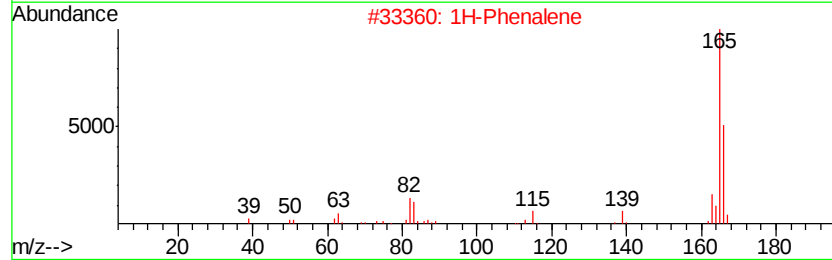
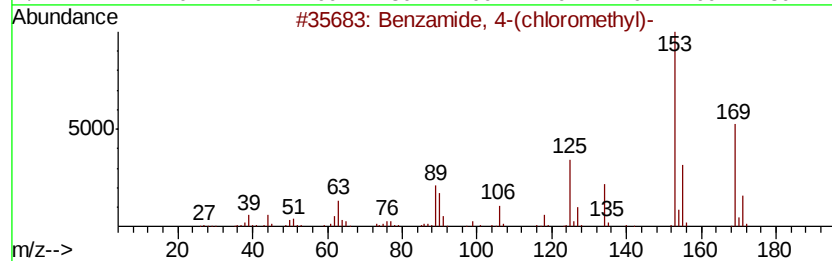
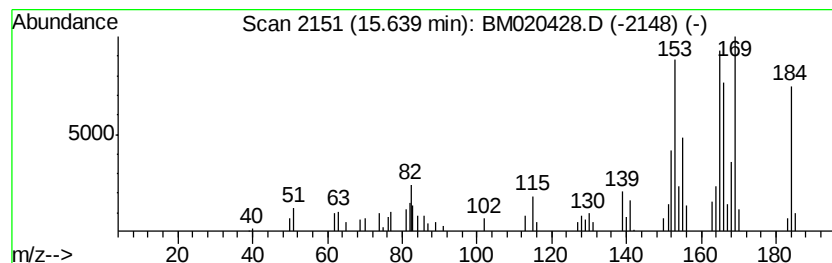
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 unknown-02 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	4.79 ng/ul	162327	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzamide, 4-(chloromethyl)-	169	C8H8ClNO	084545-14-2	22
2			1H-Phenylene	166	C13H10	000203-80-5	18
3			1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	18
4			[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	15
5			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
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Misc :
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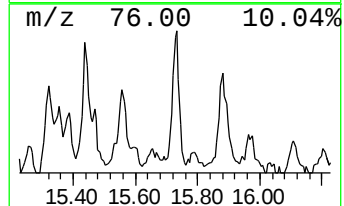
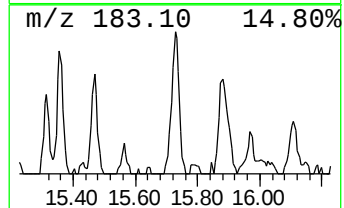
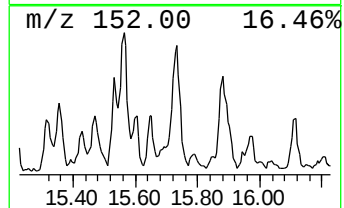
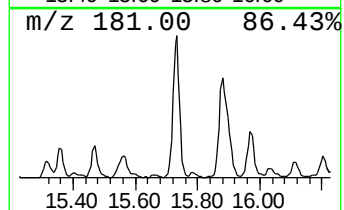
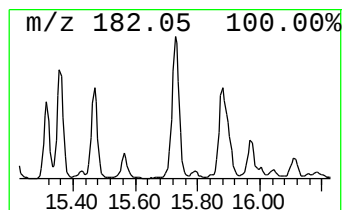
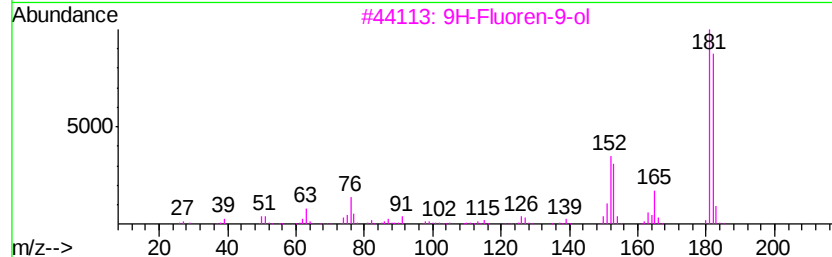
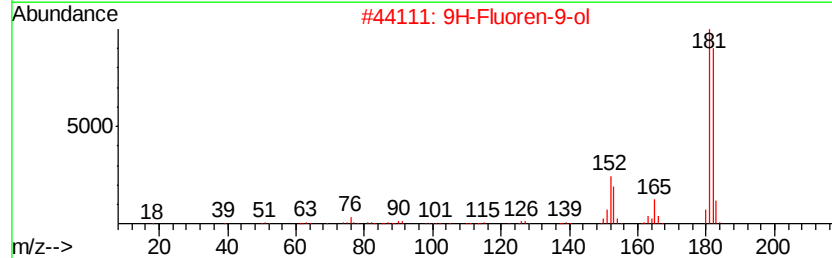
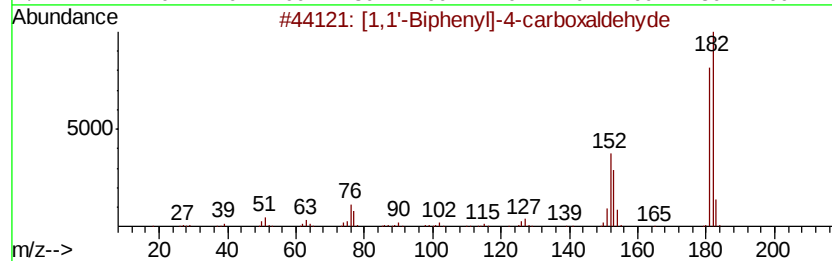
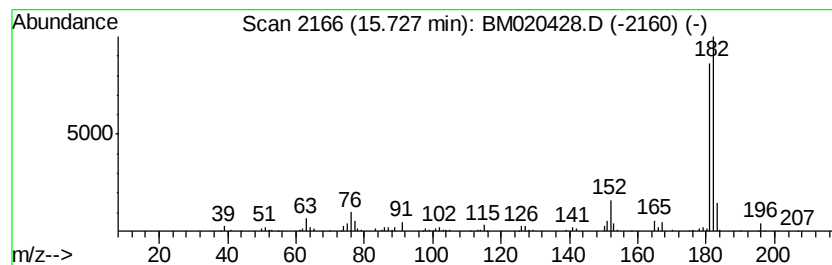
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	12.13 ng/ul	411562	Acenaphthene-d10	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4		Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
5		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ96DL

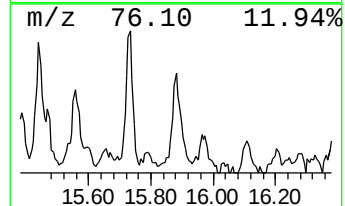
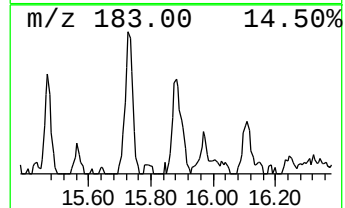
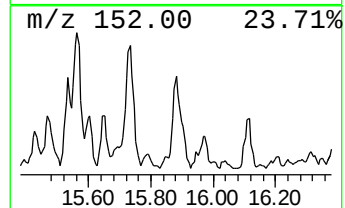
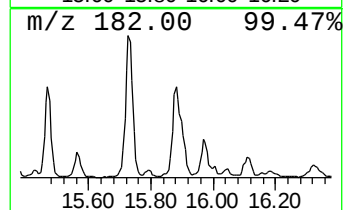
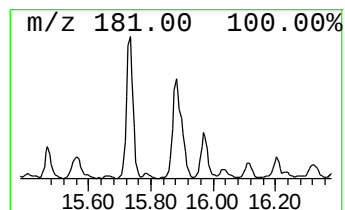
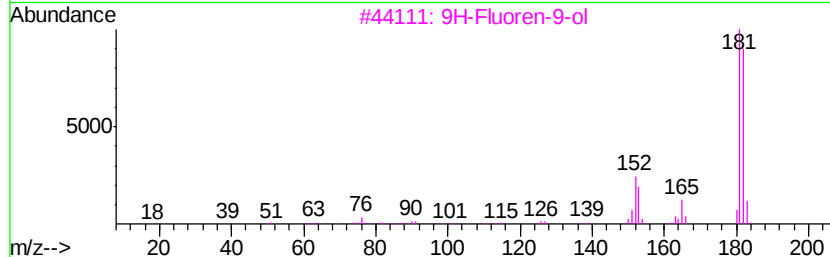
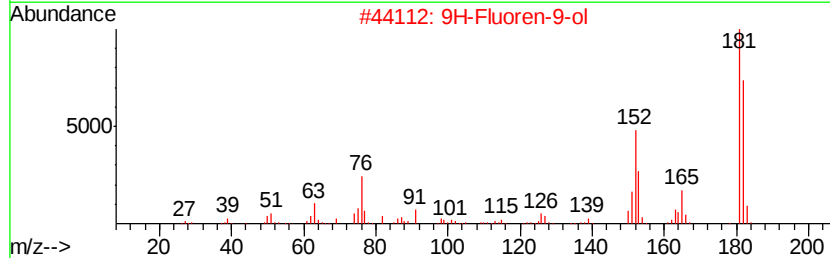
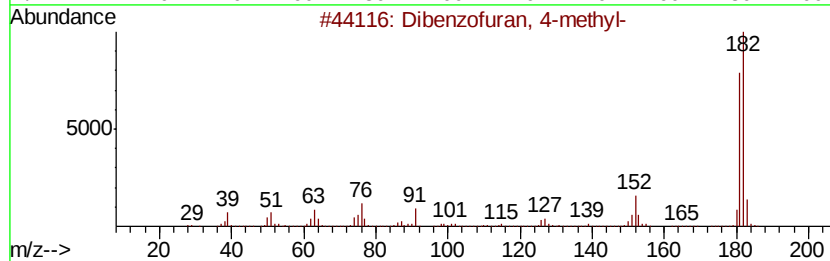
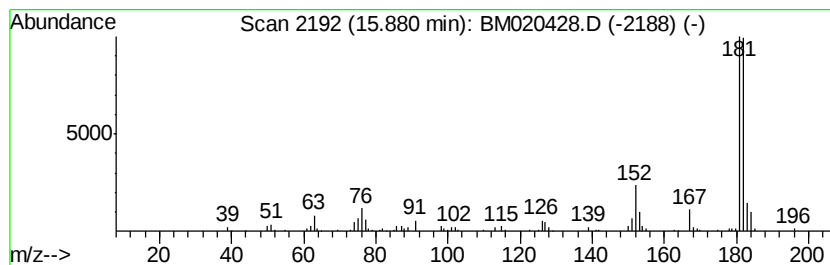
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Dibenzofuran, 4-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	6.49 ng/ul	288020	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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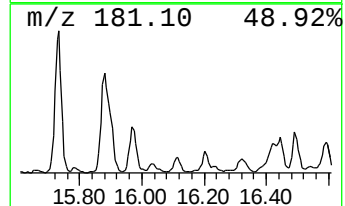
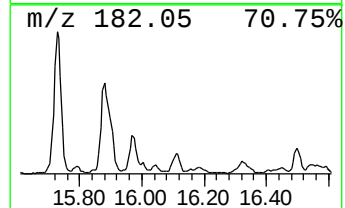
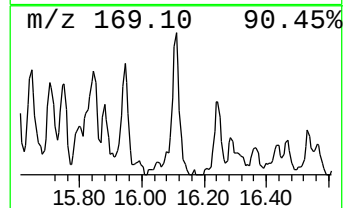
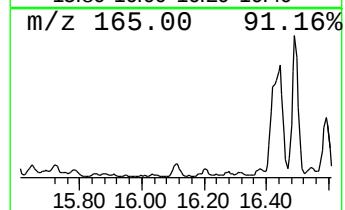
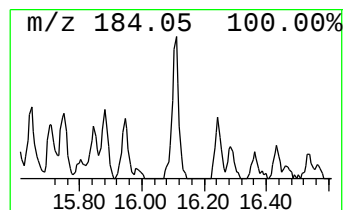
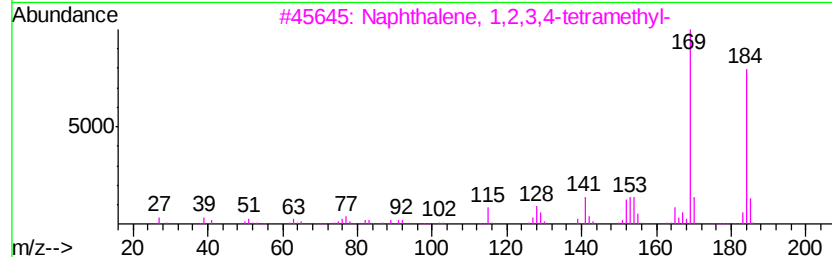
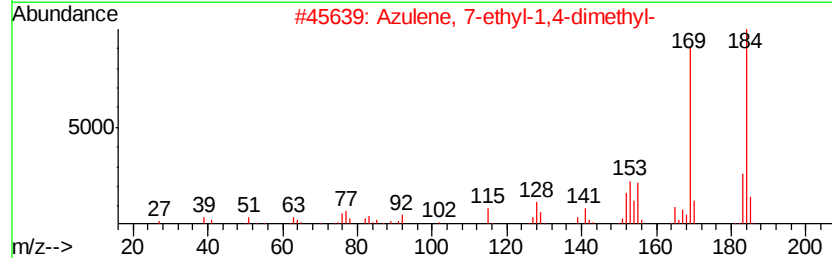
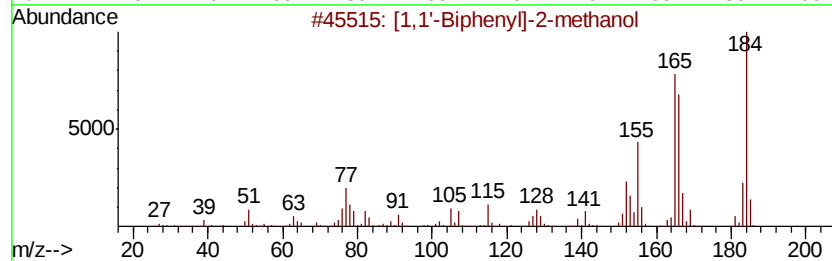
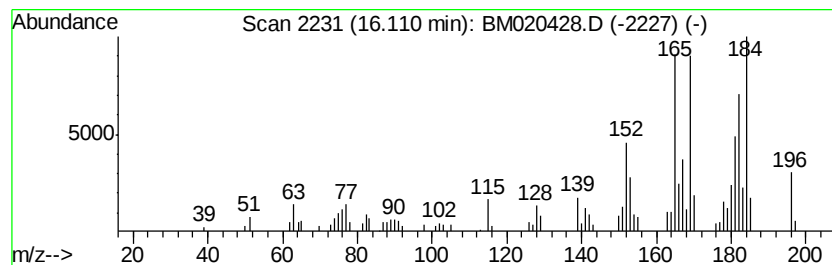
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-03 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	4.07 ng/ul	180790	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-2-methanol	184	C13H12O	002928-43-0	43
2			Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	41
3			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	38
4			Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	38
5			1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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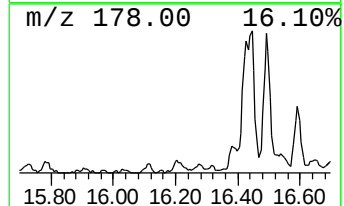
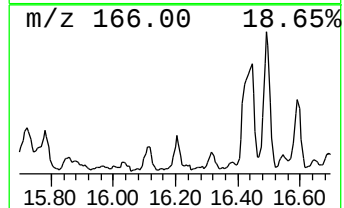
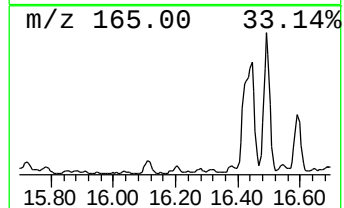
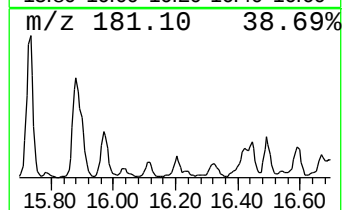
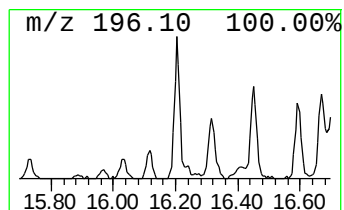
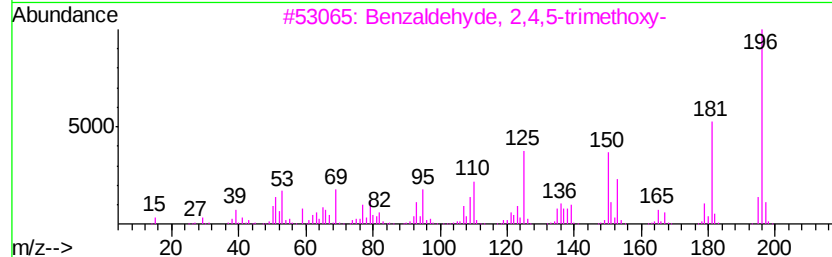
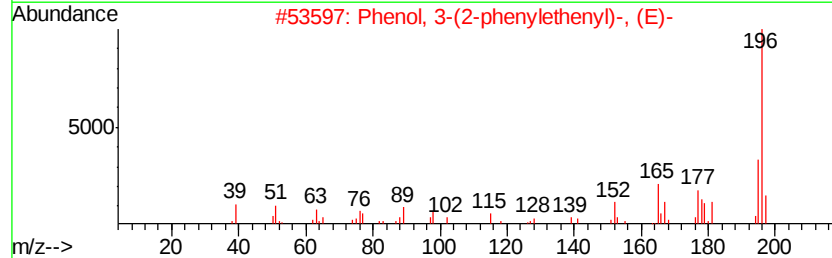
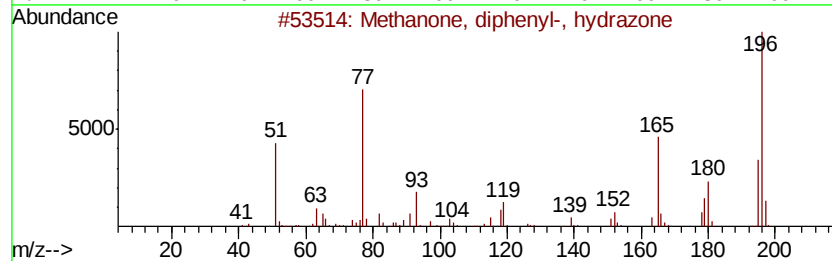
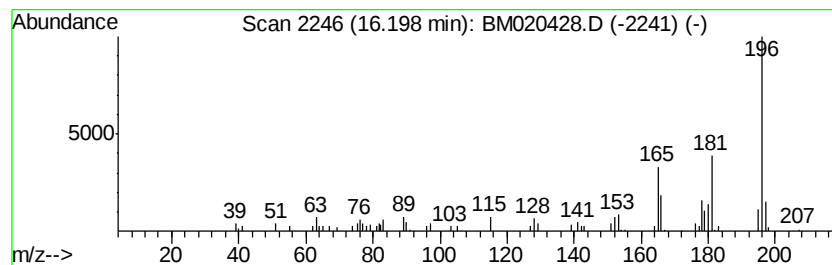
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Methanone, diphenyl-, hydra... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	2.34 ng/ul	103938	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	53
2		Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	53
3		Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	53
4		Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	53
5		Benzaldehyde, 2,3,4-trimethoxy-	196	C10H12O4	002103-57-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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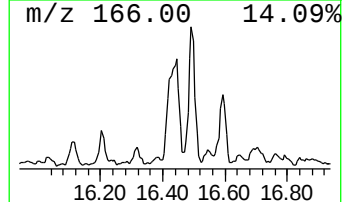
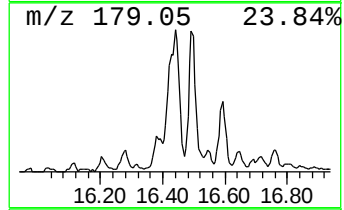
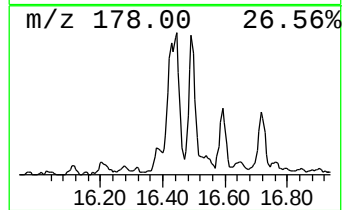
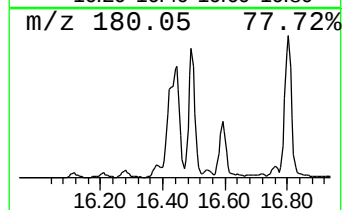
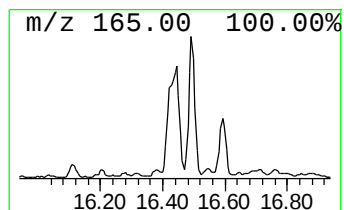
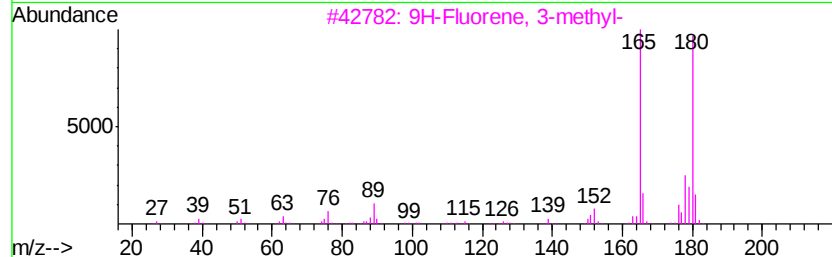
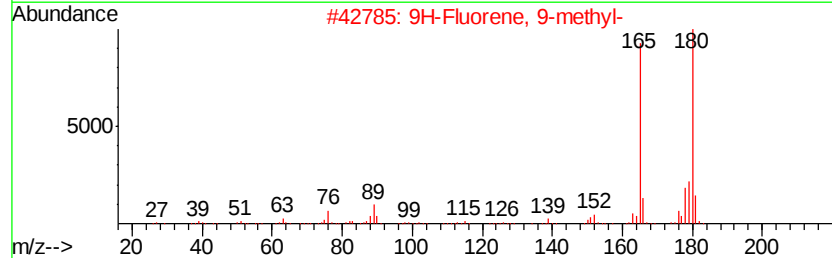
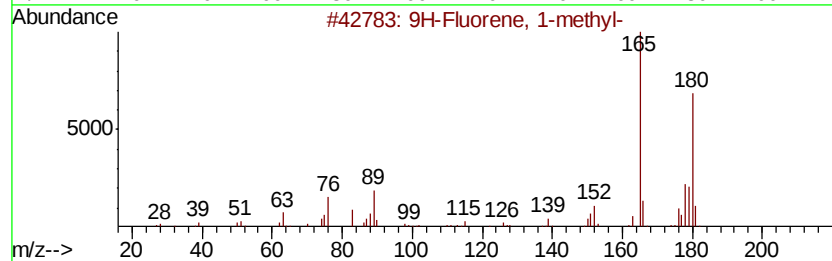
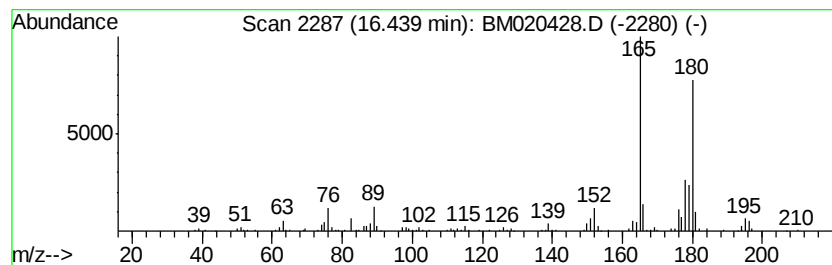
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	17.44 ng/ul	773925	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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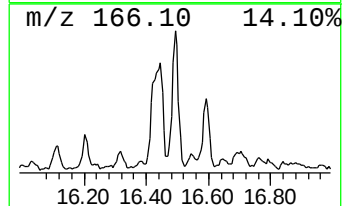
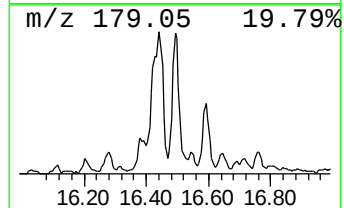
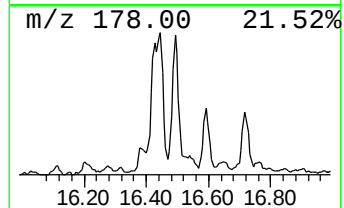
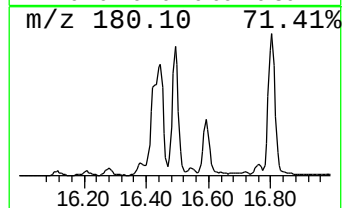
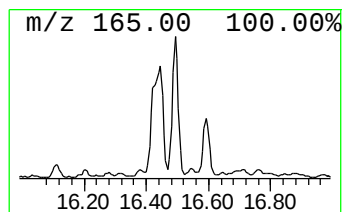
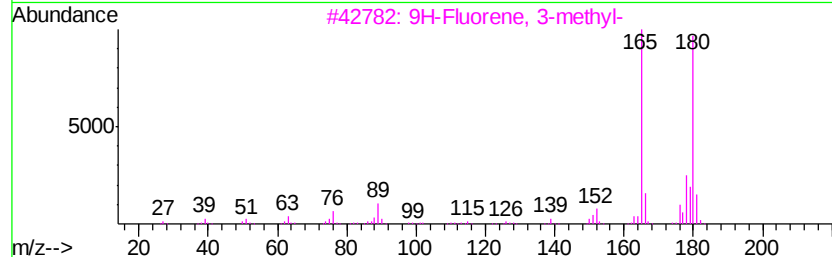
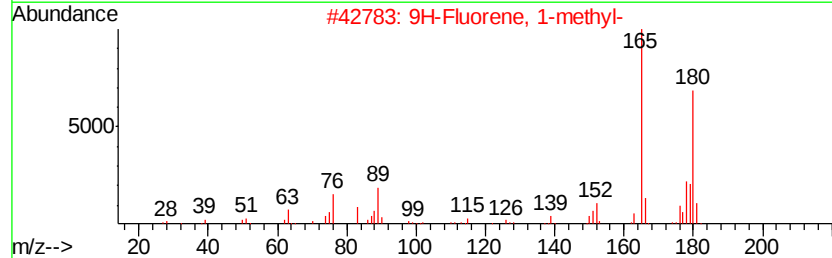
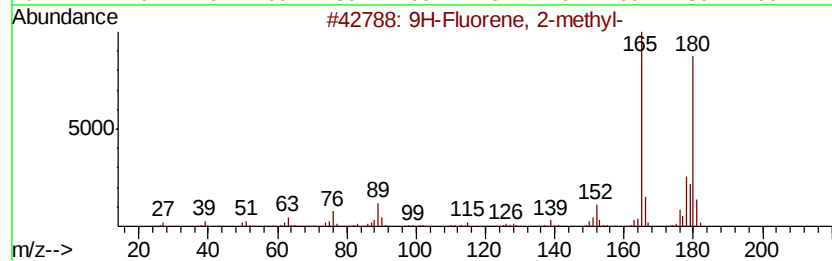
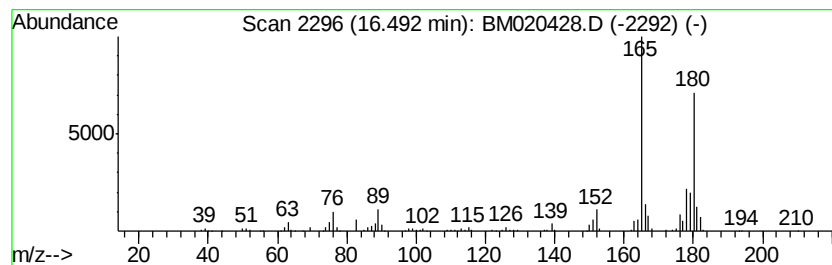
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 9H-Fluorene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	12.36 ng/ul	548611	Phenanthrene-d10	17.14

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	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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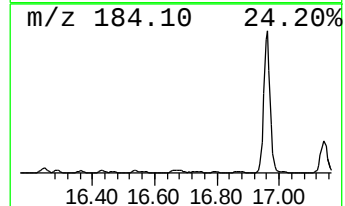
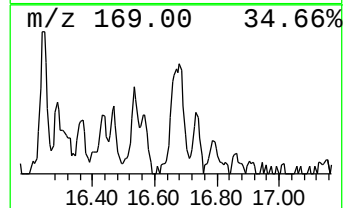
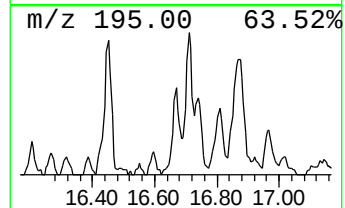
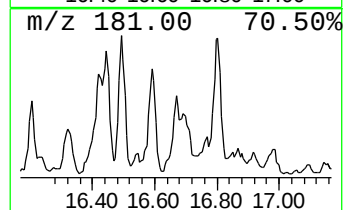
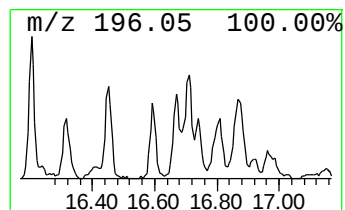
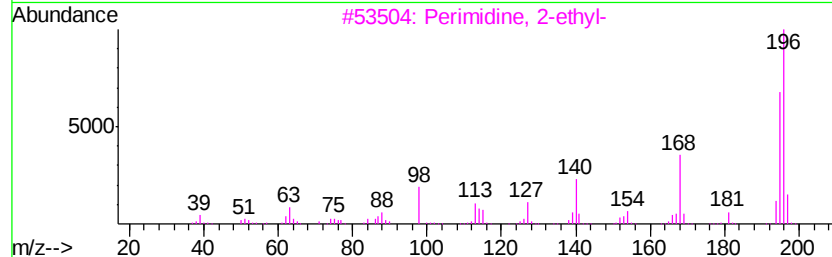
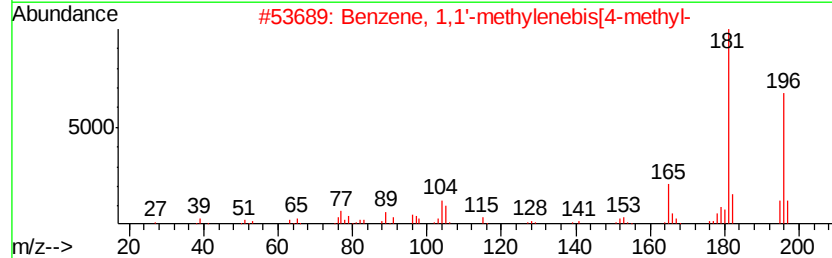
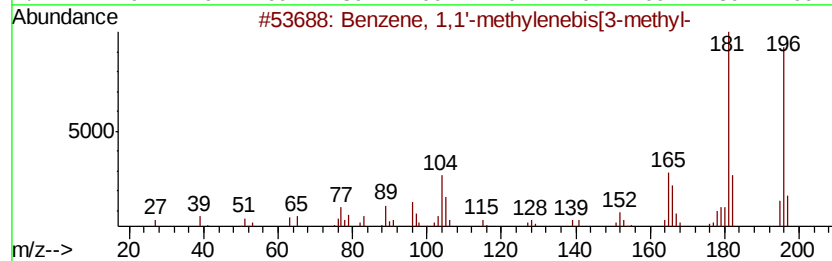
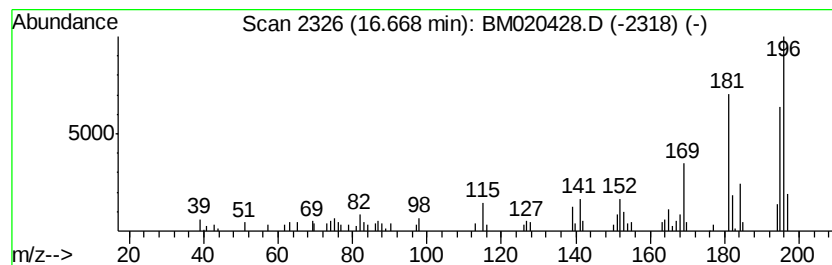
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Benzene, 1,1'-methylenebis[... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	3.15 ng/ul	139634	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	50
2		Benzene, 1,1'-methylenebis[4-met...	196	C15H16	004957-14-6	49
3		Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	49
4		1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	47
5		Benzene, 1-methyl-2-[(4-methylph...	196	C15H16	021895-17-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
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Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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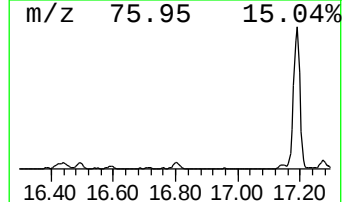
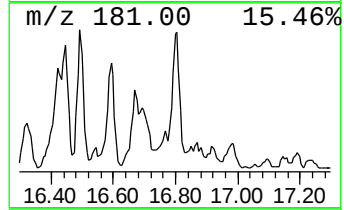
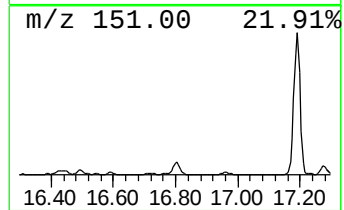
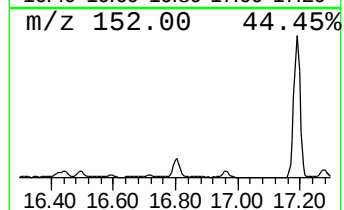
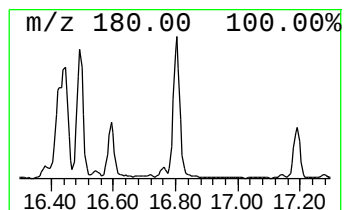
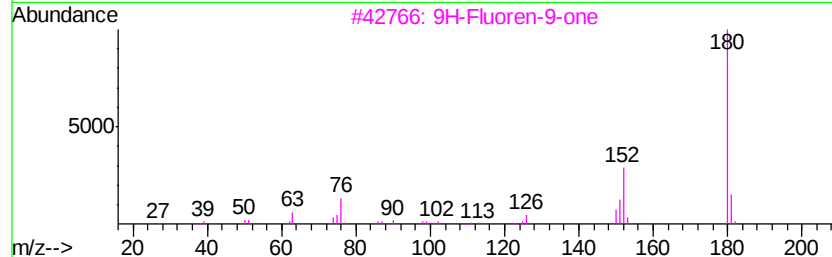
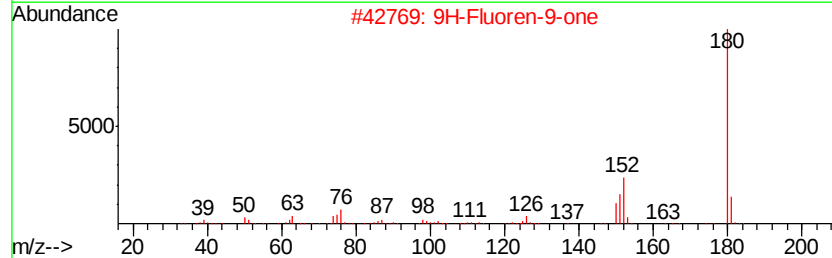
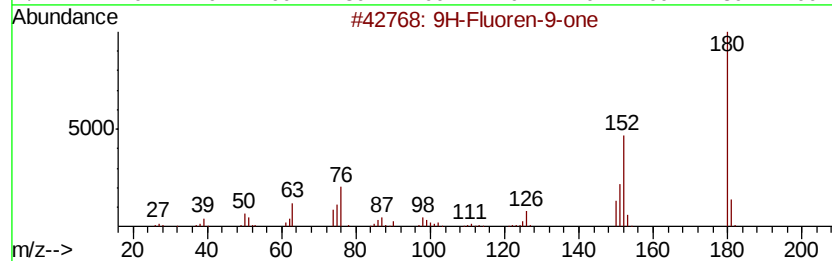
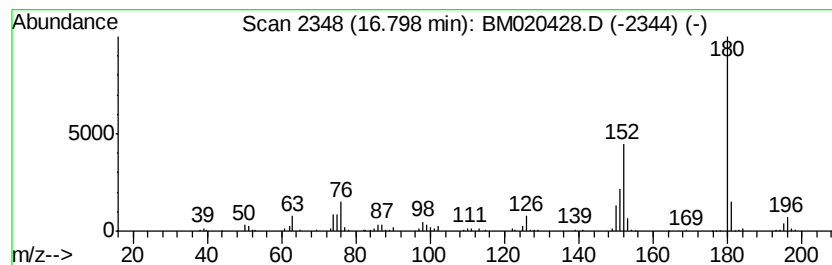
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 9H-Fluoren-9-one Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	8.68 ng/ul	385085	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4			9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5			2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ96DL

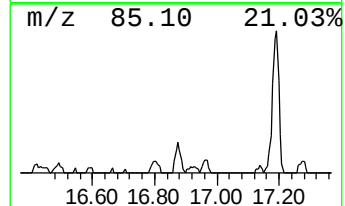
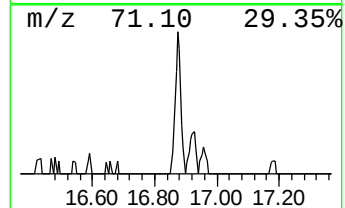
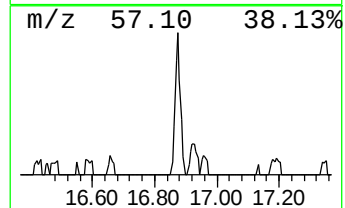
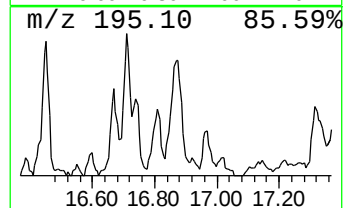
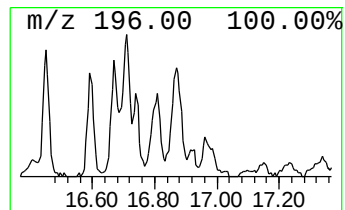
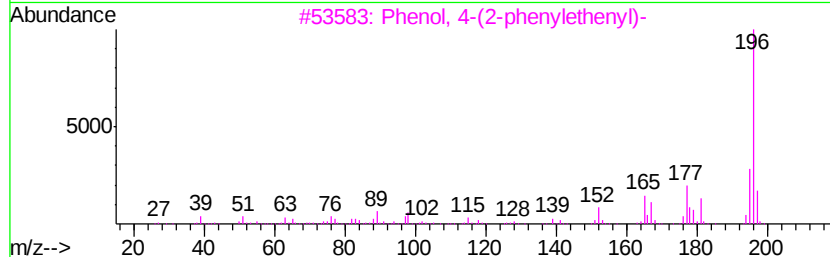
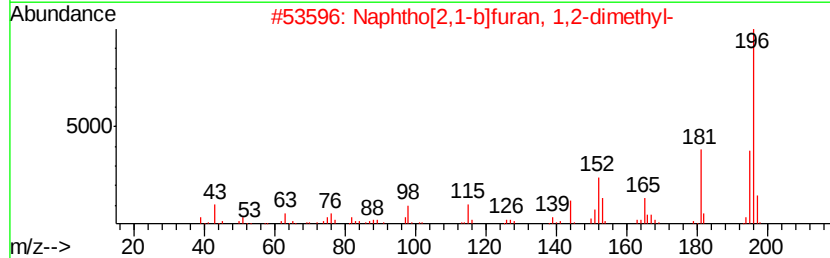
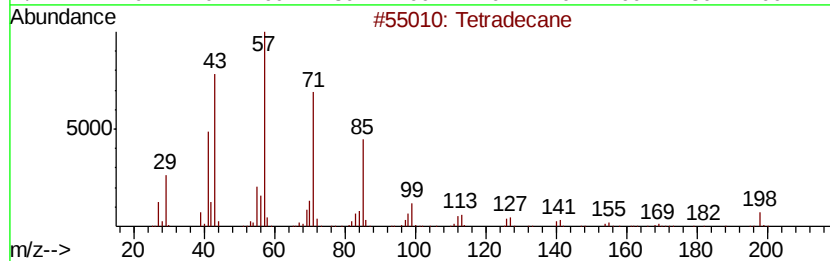
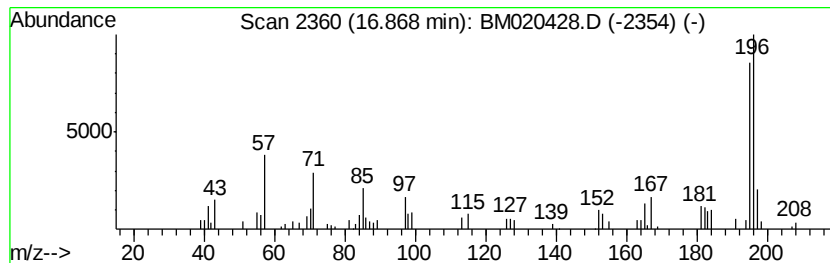
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	2.62 ng/ul	116213	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	44
2			Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	27
3			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	27
4			Tridecane	184	C13H28	000629-50-5	25
5			Tetradecane	198	C14H30	000629-59-4	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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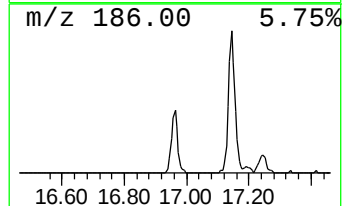
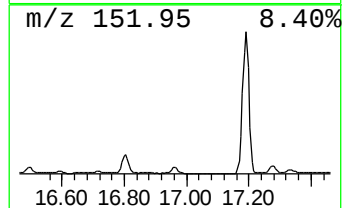
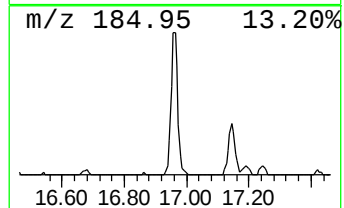
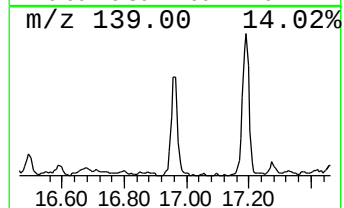
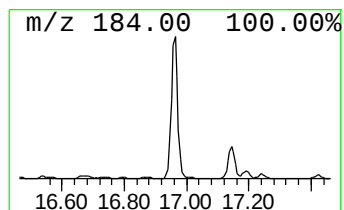
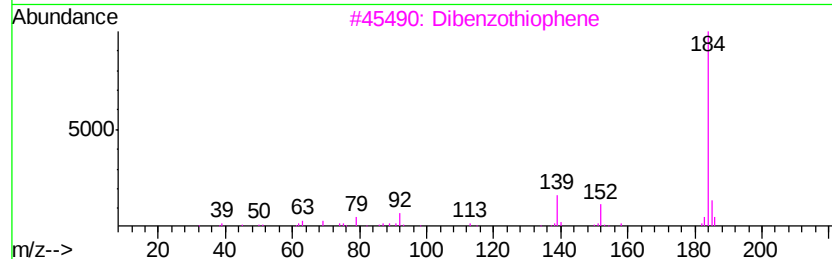
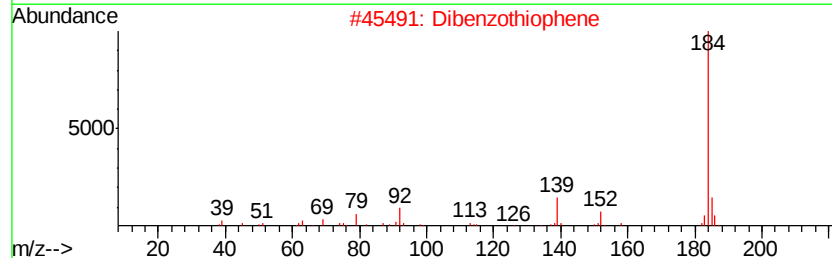
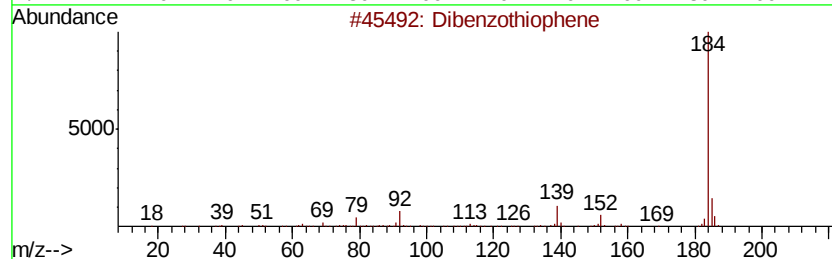
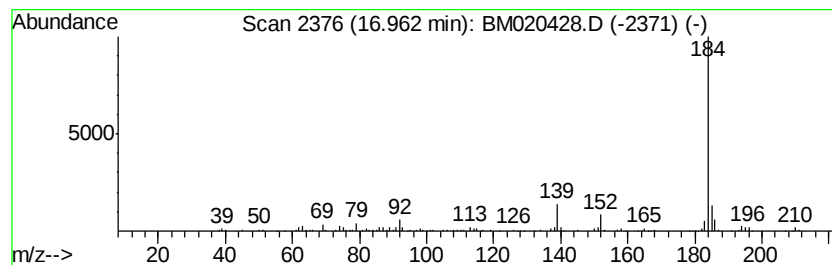
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Dibenzothiophene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	11.46 ng/ul	508592	Phenanthrene-d10	17.14

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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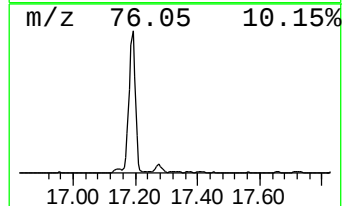
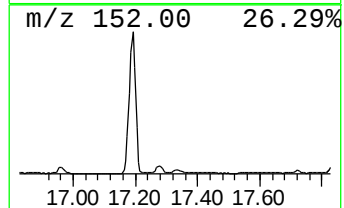
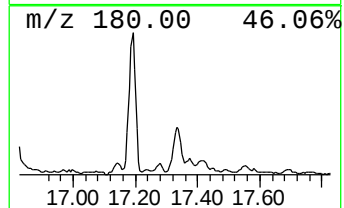
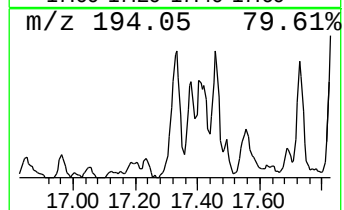
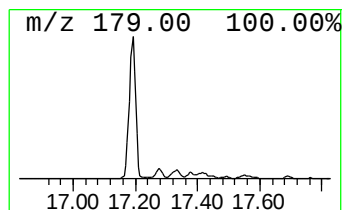
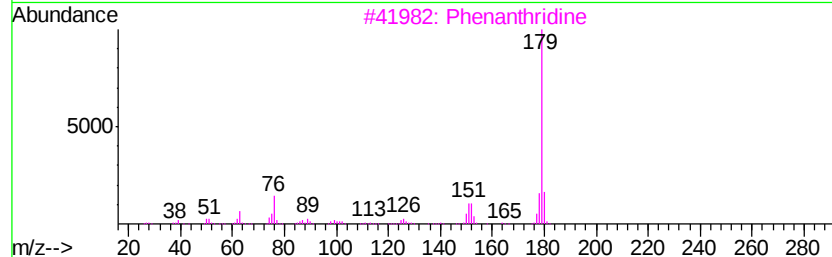
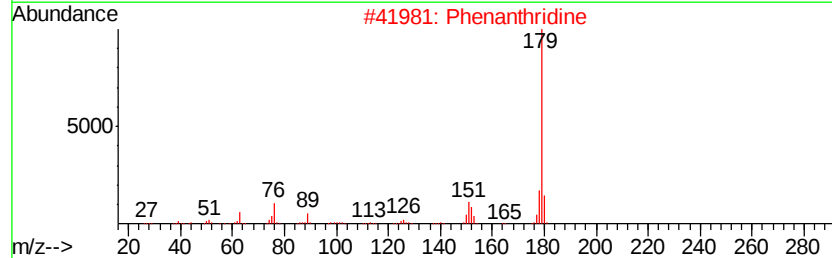
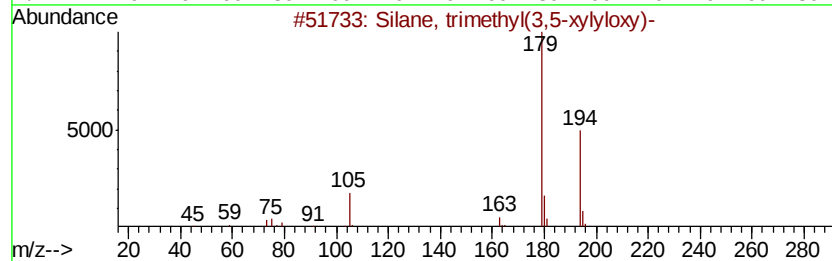
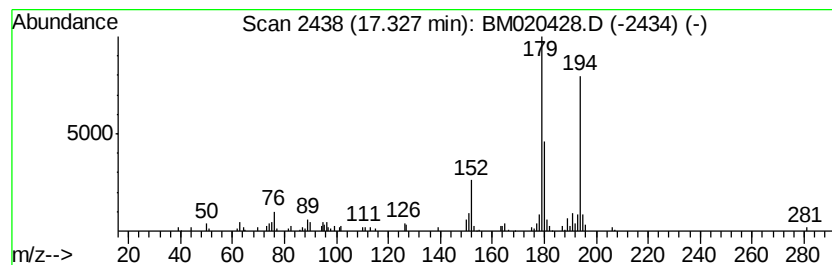
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Silane, trimethyl(3,5-xylyl... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	6.39 ng/ul	283549	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, trimethyl(3,5-xylyloxy)-	194	C11H18OSi	017994-05-7	50
2		Phenanthridine	179	C13H9N	000229-87-8	46
3		Phenanthridine	179	C13H9N	000229-87-8	38
4		Benzonitrile, 4-(2,2-dicyanoethe...	179	C11H5N3	036937-92-5	38
5		1,3-Dioxan-5-ol, 2-phenyl-	180	C10H12O3	001708-40-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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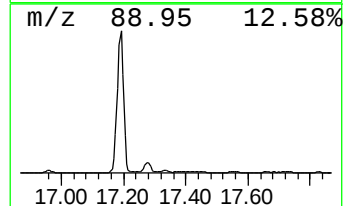
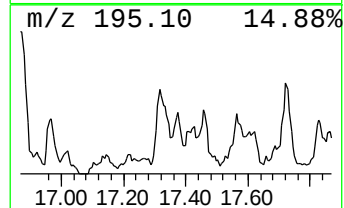
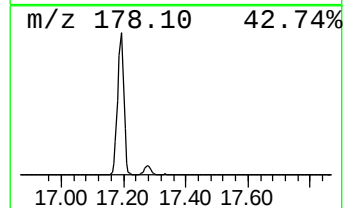
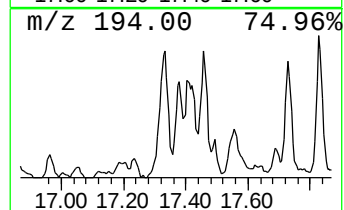
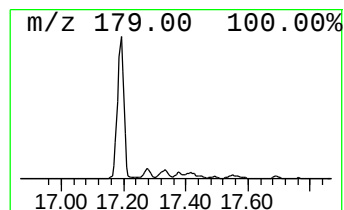
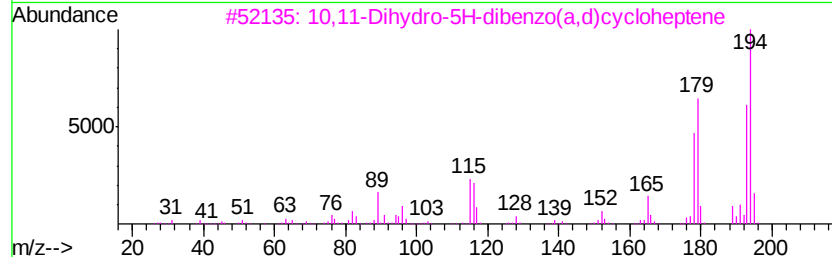
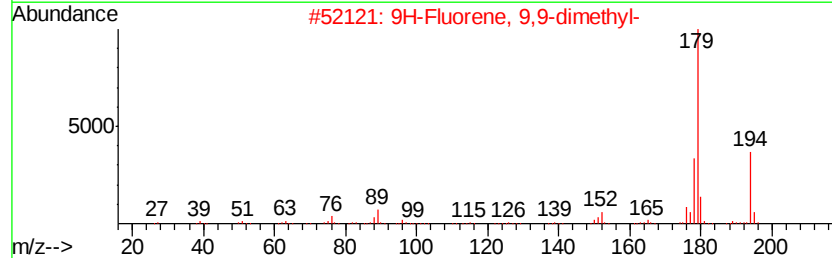
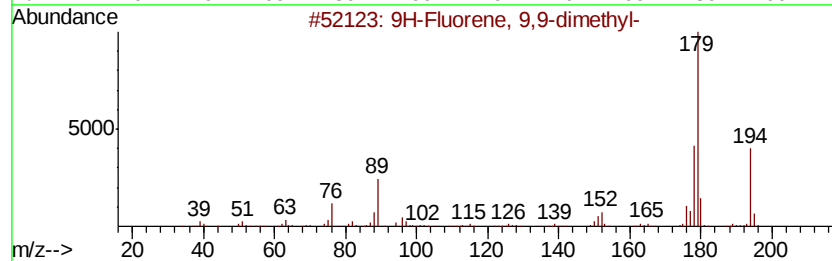
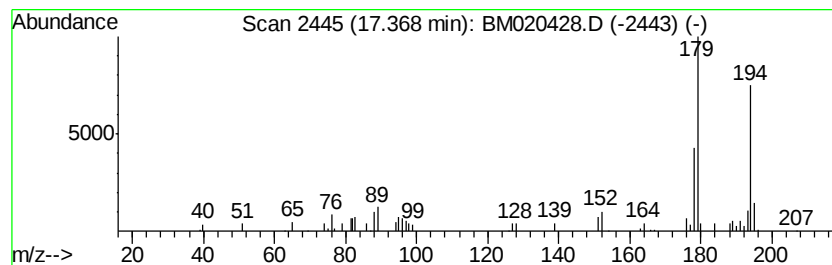
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 9H-Fluorene, 9,9-dimethyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	2.61 ng/ul	115621	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	86
2			9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	78
3			10,11-Dihydro-5H-dibenzo(a,d)cyc...	194	C15H14	000833-48-7	70
4			.alpha.-Methylstilbene	194	C15H14	000779-51-1	62
5			Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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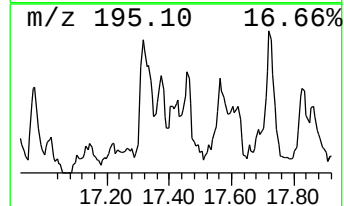
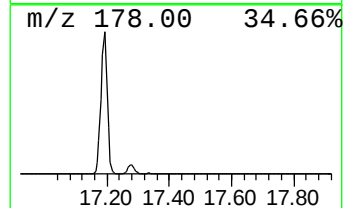
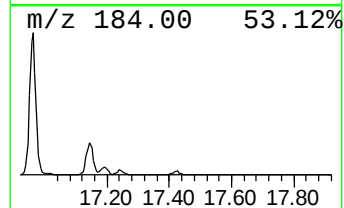
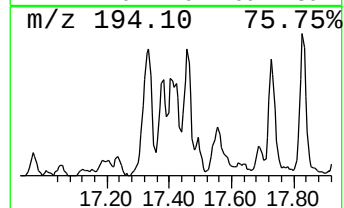
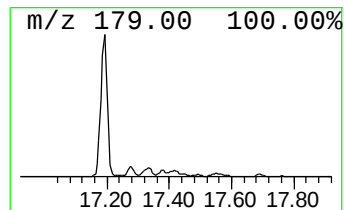
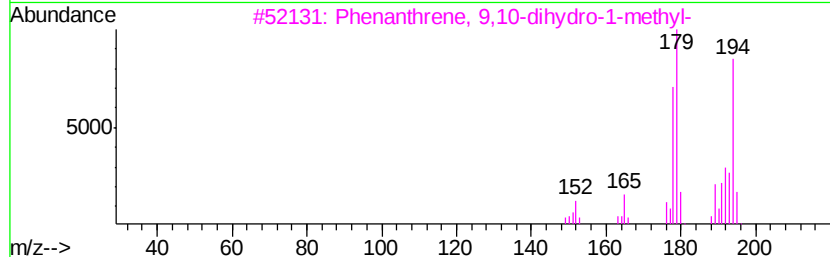
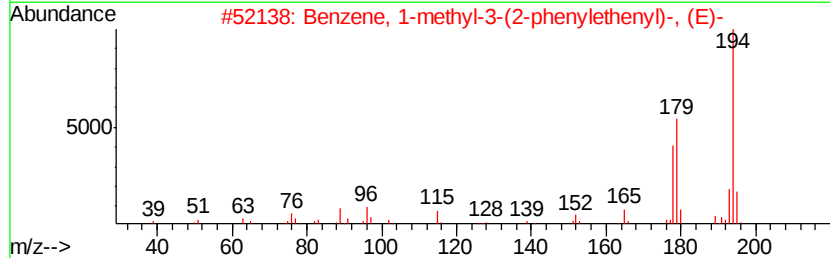
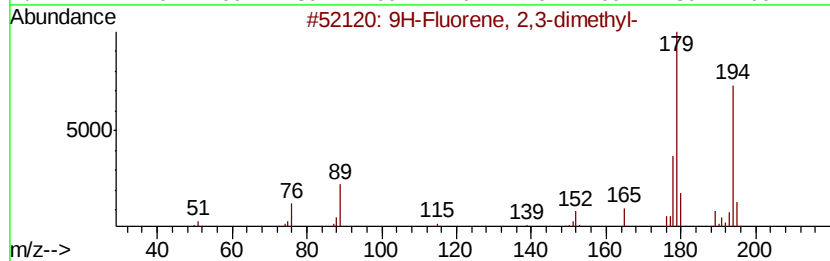
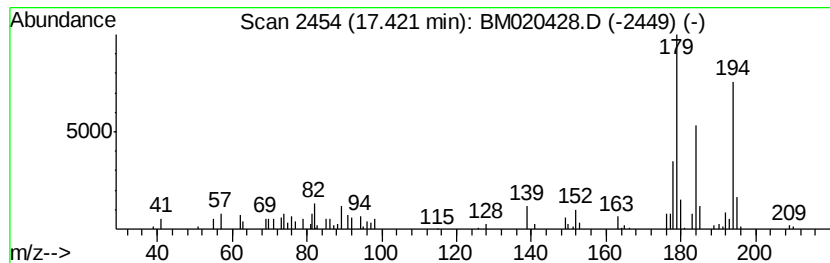
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 9H-Fluorene, 2,3-dimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	3.76 ng/ul	167057	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	68
2			Benzene, 1-methyl-3-(2-phenyleth...	194	C15H14	014064-48-3	58
3			Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	58
4			Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	52
5			Silane, (2,6-dimethylphenoxy)tri...	194	C11H18OSi	016286-54-7	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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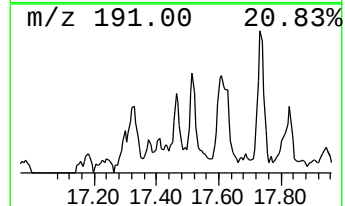
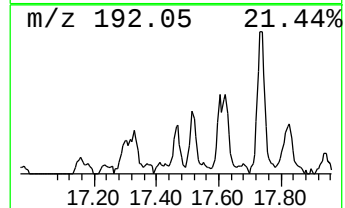
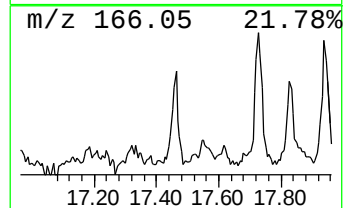
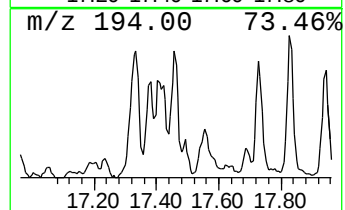
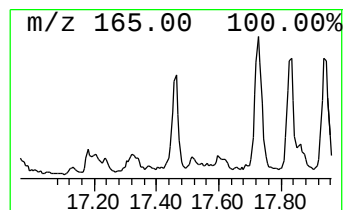
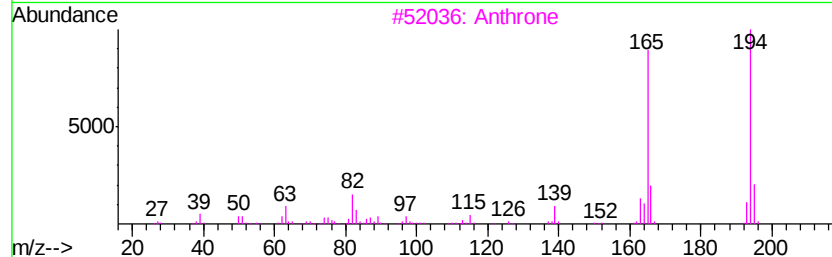
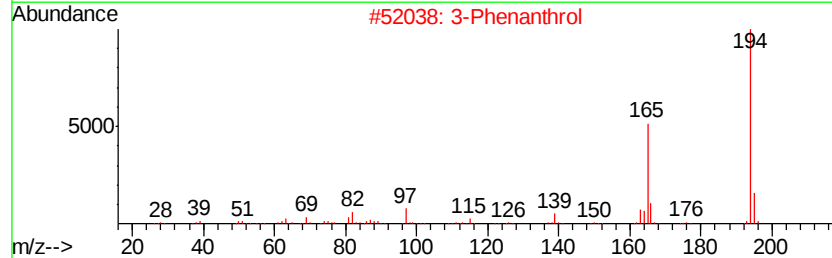
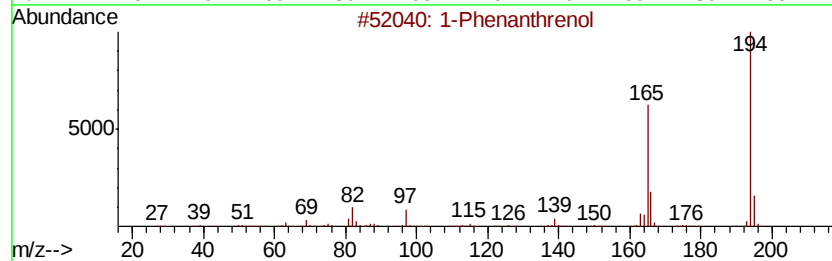
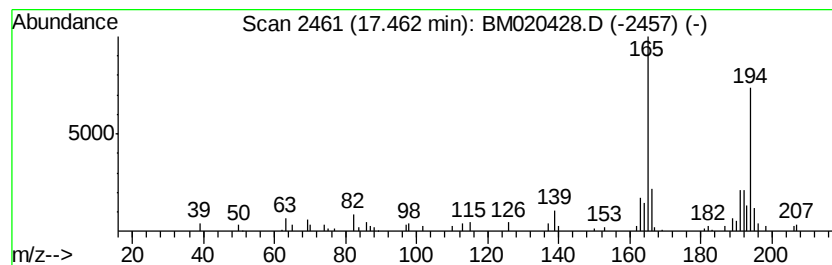
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 1-Phenanthrenol Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	3.11 ng/ul	138058	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenanthrenol	194	C14H10O	002433-56-9	81
2			3-Phenanthrol	194	C14H10O	000605-87-8	81
3			Anthrone	194	C14H10O	000090-44-8	81
4			Anthrone	194	C14H10O	000090-44-8	81
5			Anthrone	194	C14H10O	000090-44-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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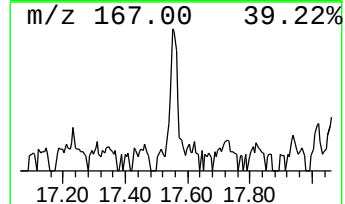
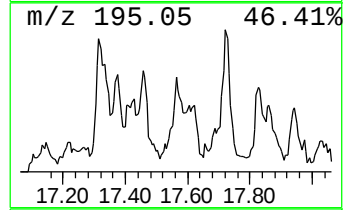
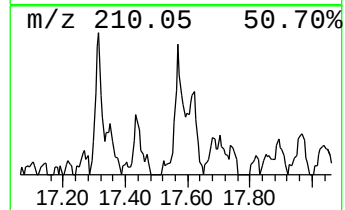
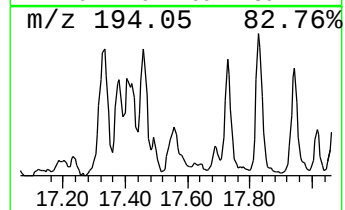
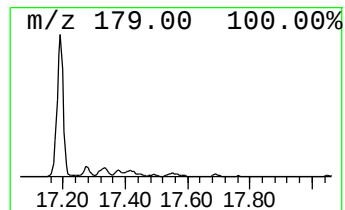
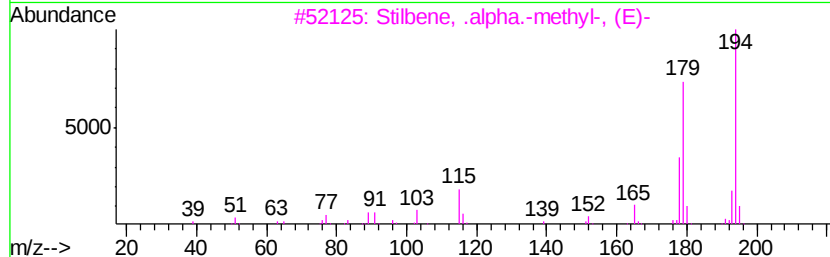
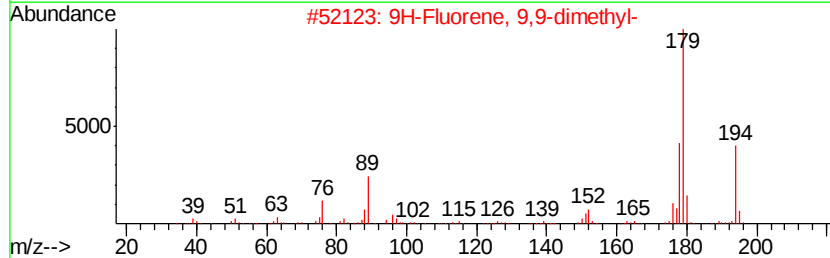
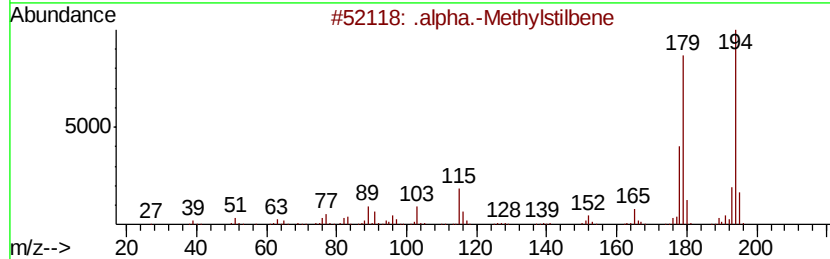
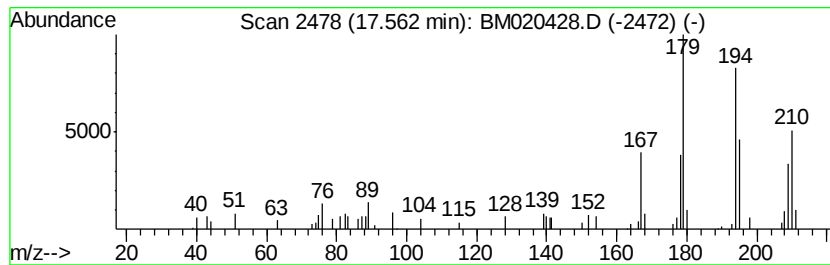
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 .alpha.-Methylstilbene Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.68 ng/ul	119001	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Methylstilbene	194	C15H14	000779-51-1	55
2		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	49
3		Stilbene, .alpha.-methyl-, (E)-	194	C15H14	000833-81-8	43
4		10,11-Dihydro-5H-dibenzo(a,d)cyc...	194	C15H14	000833-48-7	38
5		5H-Dibenz[b,f]azepin-5-amine, 10...	210	C14H14N2	007458-07-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020428.D
Acq On : 20 May 2019 12:54
Operator : JU/SJ
Sample : K2633-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ96DL

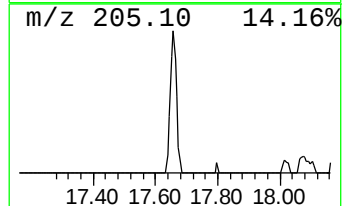
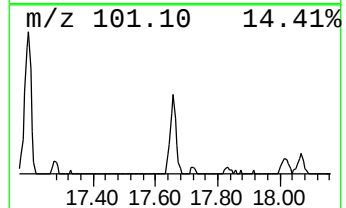
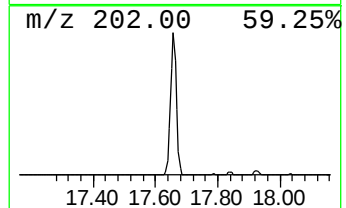
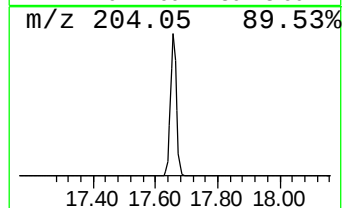
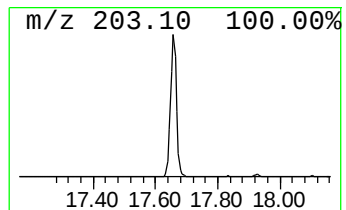
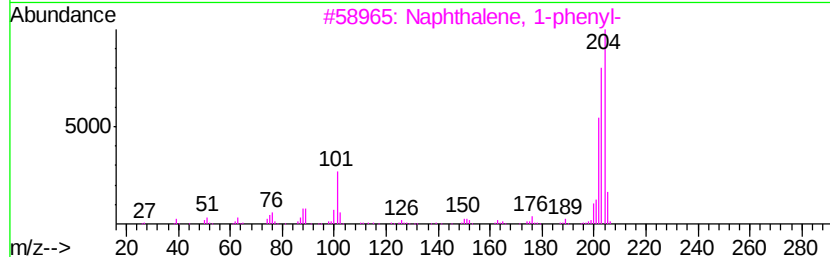
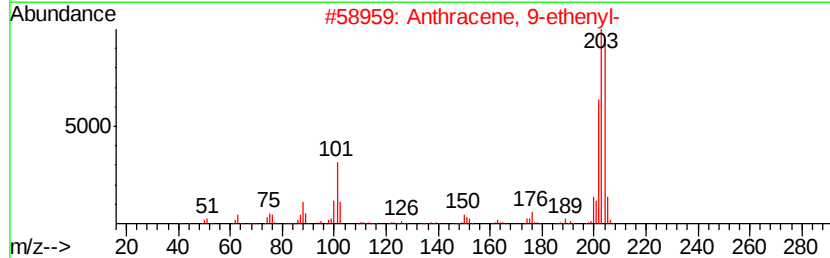
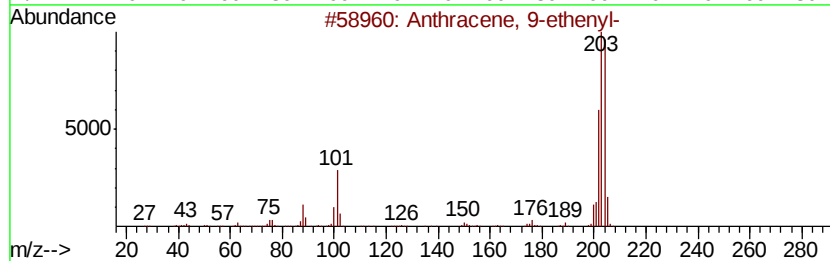
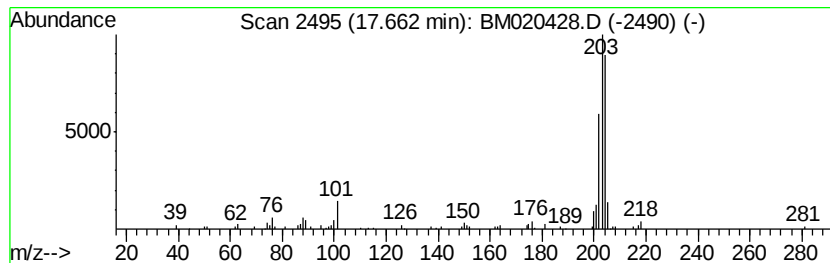
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 Anthracene, 9-ethenyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	4.63 ng/ul	205619	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
2			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	81
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	81
5			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
 Data File : BM020428.D
 Acq On : 20 May 2019 12:54
 Operator : JU/SJ
 Sample : K2633-04DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJ96DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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
1H-Inden-1-one, 2...	11.93	7.9	ng/ul	204086	2	10.53	519177	20.0
Naphthalene, 1-me...	12.42	222.2	ng/ul	5768740	2	10.53	519177	20.0
Naphthalene, 2-et...	13.41	26.9	ng/ul	912026	3	14.39	678370	20.0
Naphthalene, 2,6-...	13.55	67.7	ng/ul	2295940	3	14.39	678370	20.0
Naphthalene, 2,3-...	13.71	116.0	ng/ul	3933600	3	14.39	678370	20.0
(DEL) Alkane: Str...	14.26	3.4	ng/ul	113617	3	14.39	678370	20.0
1-(2,2-Dimethylcy...	14.52	2.8	ng/ul	96361	3	14.39	678370	20.0
Naphthalene, 2,3,...	14.59	17.4	ng/ul	588607	3	14.39	678370	20.0
Naphthalene, 1,4,...	14.67	6.3	ng/ul	212523	3	14.39	678370	20.0
1,1'-Biphenyl, 2-...	14.99	24.9	ng/ul	844300	3	14.39	678370	20.0
1H-Phenylene	15.26	11.1	ng/ul	377737	3	14.39	678370	20.0
1-Naphthalenemeth...	15.32	18.8	ng/ul	638797	3	14.39	678370	20.0
unknown-01	15.56	6.0	ng/ul	202001	3	14.39	678370	20.0
Diphenylmethane	15.60	3.0	ng/ul	101567	3	14.39	678370	20.0
unknown-02	15.64	4.8	ng/ul	162327	3	14.39	678370	20.0
[1,1'-Biphenyl]-4...	15.73	12.1	ng/ul	411562	3	14.39	678370	20.0
Dibenzofuran, 4-m...	15.88	6.5	ng/ul	288020	4	17.14	887596	20.0
unknown-03	16.11	4.1	ng/ul	180790	4	17.14	887596	20.0
Methanone, diphen...	16.20	2.3	ng/ul	103938	4	17.14	887596	20.0
9H-Fluorene, 1-me...	16.44	17.4	ng/ul	773925	4	17.14	887596	20.0
9H-Fluorene, 2-me...	16.49	12.4	ng/ul	548611	4	17.14	887596	20.0
Benzene, 1,1'-met...	16.67	3.1	ng/ul	139634	4	17.14	887596	20.0
9H-Fluorene-9-one	16.80	8.7	ng/ul	385085	4	17.14	887596	20.0
(DEL) Alkane: Str...	16.87	2.6	ng/ul	116213	4	17.14	887596	20.0
Dibenzothiophene	16.96	11.5	ng/ul	508592	4	17.14	887596	20.0
Silane, trimethyl...	17.33	6.4	ng/ul	283549	4	17.14	887596	20.0
9H-Fluorene, 9,9-...	17.37	2.6	ng/ul	115621	4	17.14	887596	20.0
9H-Fluorene, 2,3-...	17.42	3.8	ng/ul	167057	4	17.14	887596	20.0
1-Phenanthrenol	17.46	3.1	ng/ul	138058	4	17.14	887596	20.0
.alpha.-Methylsti...	17.56	2.7	ng/ul	119001	4	17.14	887596	20.0
Anthracene, 9-eth...	17.66	4.6	ng/ul	205619	4	17.14	887596	20.0