

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030218\
 Data File : BM014455.D
 Acq On : 02 Mar 2018 11:07
 Operator : SJ/JU
 Sample : J1646-12RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5X6RE

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	6.722	629	635	647	rBV	433237	858158	3.21%	0.370%
2	6.863	653	659	666	rBV	333982	508015	1.90%	0.219%
3	7.051	685	691	701	rVB	507628	820631	3.07%	0.353%
4	7.510	763	769	777	rBV	497435	785397	2.94%	0.338%
5	8.239	886	893	907	rBV	562200	1019984	3.82%	0.439%
6	8.669	959	966	979	rBV	590127	1041981	3.90%	0.449%
7	9.386	1080	1088	1097	rBV2	457215	836894	3.13%	0.360%
8	9.933	1174	1181	1192	rBV	572976	1130149	4.23%	0.487%
9	10.281	1231	1240	1245	rBV	722785	1186364	4.44%	0.511%
10	10.451	1262	1269	1282	rBV2	167195	424898	1.59%	0.183%
11	13.486	1778	1785	1791	rBV3	179207	355967	1.33%	0.153%
12	13.592	1798	1803	1808	rBV	1154360	1640015	6.14%	0.706%
13	13.639	1808	1811	1818	rVB	308976	447295	1.68%	0.193%
14	13.863	1840	1849	1853	rBV	1376686	2190899	8.21%	0.944%
15	14.174	1892	1902	1908	rBV2	1107084	1745922	6.54%	0.752%
16	14.239	1908	1913	1921	rVB	440627	695187	2.60%	0.299%
17	14.468	1946	1952	1966	rBV4	341056	971029	3.64%	0.418%
18	14.580	1966	1971	1977	rVV	433907	695669	2.61%	0.300%
19	15.180	2066	2073	2077	rBV	1650926	2318331	8.68%	0.999%
20	15.233	2077	2082	2087	rVB	783763	1086128	4.07%	0.468%
21	15.357	2094	2103	2107	rBV2	488661	890106	3.33%	0.383%
22	15.527	2128	2132	2141	rVB	368743	580258	2.17%	0.250%
23	15.680	2149	2158	2165	rBV2	361546	819619	3.07%	0.353%
24	15.915	2191	2198	2208	rVB6	130963	339883	1.27%	0.146%
25	16.245	2242	2254	2259	rBV4	337593	752385	2.82%	0.324%
26	16.604	2310	2315	2321	rVB3	348767	531978	1.99%	0.229%
27	16.668	2321	2326	2328	rBV3	290618	432381	1.62%	0.186%
28	16.757	2336	2341	2350	rVB	527172	843721	3.16%	0.363%
29	16.939	2364	2372	2375	rBV	1288676	1989563	7.45%	0.857%
30	16.986	2375	2380	2385	rVV	11468573	15614297	58.49%	6.726%
31	17.039	2385	2389	2392	rVV	1951175	2767225	10.37%	1.192%
32	17.074	2392	2395	2400	rVV	2421826	2996288	11.22%	1.291%
33	17.139	2400	2406	2411	rVV4	138614	308653	1.16%	0.133%
34	17.357	2434	2443	2456	rBV4	353633	1075251	4.03%	0.463%

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 Title : SVOA CALIBRATION

35	17.456	2456	2460	2463	rVV	268217	373251	1.40%	0.161%
36	17.527	2467	2472	2479	rVB4	184213	468397	1.75%	0.202%
37	17.815	2513	2521	2524	rBV	1484786	2072876	7.76%	0.893%
38	17.862	2524	2529	2536	rVB	2073791	3353544	12.56%	1.444%
39	17.945	2538	2543	2548	rVB	743144	975130	3.65%	0.420%
40	18.009	2548	2554	2558	rBV2	2029542	3490911	13.08%	1.504%
41	18.045	2558	2560	2570	rVB	977640	1301969	4.88%	0.561%
42	18.133	2570	2575	2580	rBV6	193658	400084	1.50%	0.172%
43	18.321	2602	2607	2613	rBV	1133336	1488200	5.57%	0.641%
44	18.386	2613	2618	2624	rVB	699186	1000940	3.75%	0.431%
45	18.568	2645	2649	2655	rVB2	284783	398595	1.49%	0.172%
46	18.621	2655	2658	2662	rVB	322410	353052	1.32%	0.152%
47	18.662	2662	2665	2670	rVB2	319411	407663	1.53%	0.176%
48	18.745	2674	2679	2683	rBV	809720	1291749	4.84%	0.556%
49	18.809	2685	2690	2693	rVV4	476752	846941	3.17%	0.365%
50	18.839	2693	2695	2699	rVB	295118	323446	1.21%	0.139%
51	18.903	2699	2706	2713	rBV2	786349	1479353	5.54%	0.637%
52	19.027	2719	2727	2732	rBV	19391814	26696474	100.00%	11.499%
53	19.115	2739	2742	2748	rVV3	347526	682519	2.56%	0.294%
54	19.168	2748	2751	2755	rVB2	261696	322986	1.21%	0.139%
55	19.256	2761	2766	2770	rVB2	544474	844349	3.16%	0.364%
56	19.356	2777	2783	2785	rBV3	4690518	7138807	26.74%	3.075%
57	19.392	2785	2789	2795	rVV	15260708	20809432	77.95%	8.963%
58	19.456	2795	2800	2807	rVB3	775940	1175401	4.40%	0.506%
59	19.562	2814	2818	2823	rVB	935536	1245370	4.66%	0.536%
60	19.633	2825	2830	2834	rVB	569330	817177	3.06%	0.352%
61	19.709	2837	2843	2844	rBV	798525	1254550	4.70%	0.540%
62	19.845	2861	2866	2867	rBV	690826	923239	3.46%	0.398%
63	19.886	2869	2873	2877	rVB	1915774	2774650	10.39%	1.195%
64	19.986	2885	2890	2893	rBV	1294676	1602979	6.00%	0.690%
65	20.039	2893	2899	2904	rVV2	1336190	2596454	9.73%	1.118%
66	20.080	2904	2906	2910	rVV2	291807	304711	1.14%	0.131%
67	20.121	2910	2913	2917	rVB	307481	396824	1.49%	0.171%
68	20.180	2919	2923	2927	rBV	698936	928291	3.48%	0.400%
69	20.227	2927	2931	2935	rVV2	751709	1027401	3.85%	0.443%
70	20.445	2964	2968	2970	rBV3	242825	359690	1.35%	0.155%
71	20.515	2976	2980	2984	rBV3	373363	552818	2.07%	0.238%

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72	20.645	2998	3002	3007	rVV	1272415	1557267	5.83%	0.671%
73	20.803	3025	3029	3032	rBV	1349414	1725095	6.46%	0.743%
74	20.839	3032	3035	3038	rVV	1243790	1575324	5.90%	0.679%
75	20.880	3038	3042	3050	rVV3	934458	2254594	8.45%	0.971%
76	20.945	3050	3053	3057	rVB	1173950	1438135	5.39%	0.619%
77	20.992	3057	3061	3064	rBV	1207684	1249187	4.68%	0.538%
78	21.074	3070	3075	3079	rVB	14008334	14308059	53.60%	6.163%
79	21.150	3079	3088	3093	rBV2	9296343	16092437	60.28%	6.932%
80	21.203	3093	3097	3105	rVB	7224675	9461550	35.44%	4.075%
81	21.309	3112	3115	3119	rBV	830163	1035231	3.88%	0.446%
82	21.374	3123	3126	3129	rBV3	422811	644450	2.41%	0.278%
83	21.486	3139	3145	3148	rVB2	513687	899884	3.37%	0.388%
84	21.650	3169	3173	3176	rBV2	467446	679784	2.55%	0.293%
85	21.703	3178	3182	3187	rVV	1333420	1973595	7.39%	0.850%
86	21.750	3187	3190	3196	rVB	611066	834923	3.13%	0.360%
87	21.815	3198	3201	3204	rBV2	314432	375754	1.41%	0.162%
88	21.897	3211	3215	3218	rBV	510726	777590	2.91%	0.335%
89	22.186	3260	3264	3268	rBV5	418899	688038	2.58%	0.296%
90	22.456	3306	3310	3314	rBV3	406519	572344	2.14%	0.247%
91	22.703	3345	3352	3357	rBV	4118009	9298127	34.83%	4.005%
92	22.862	3374	3379	3385	rBV	665624	1078380	4.04%	0.464%
93	23.162	3424	3430	3434	rBV	1920556	3537563	13.25%	1.524%
94	23.203	3434	3437	3441	rVV2	1034827	1821805	6.82%	0.785%
95	23.256	3441	3446	3454	rVB	3433477	5825572	21.82%	2.509%
96	23.344	3456	3461	3465	rBV	753916	1322116	4.95%	0.569%
97	23.391	3465	3469	3476	rVB2	910939	1626437	6.09%	0.701%
98	23.809	3536	3540	3545	rVB2	375981	622367	2.33%	0.268%
99	25.521	3824	3831	3839	rVB2	1301989	3539173	13.26%	1.524%
100	26.197	3939	3946	3957	rVB2	782344	2164223	8.11%	0.932%

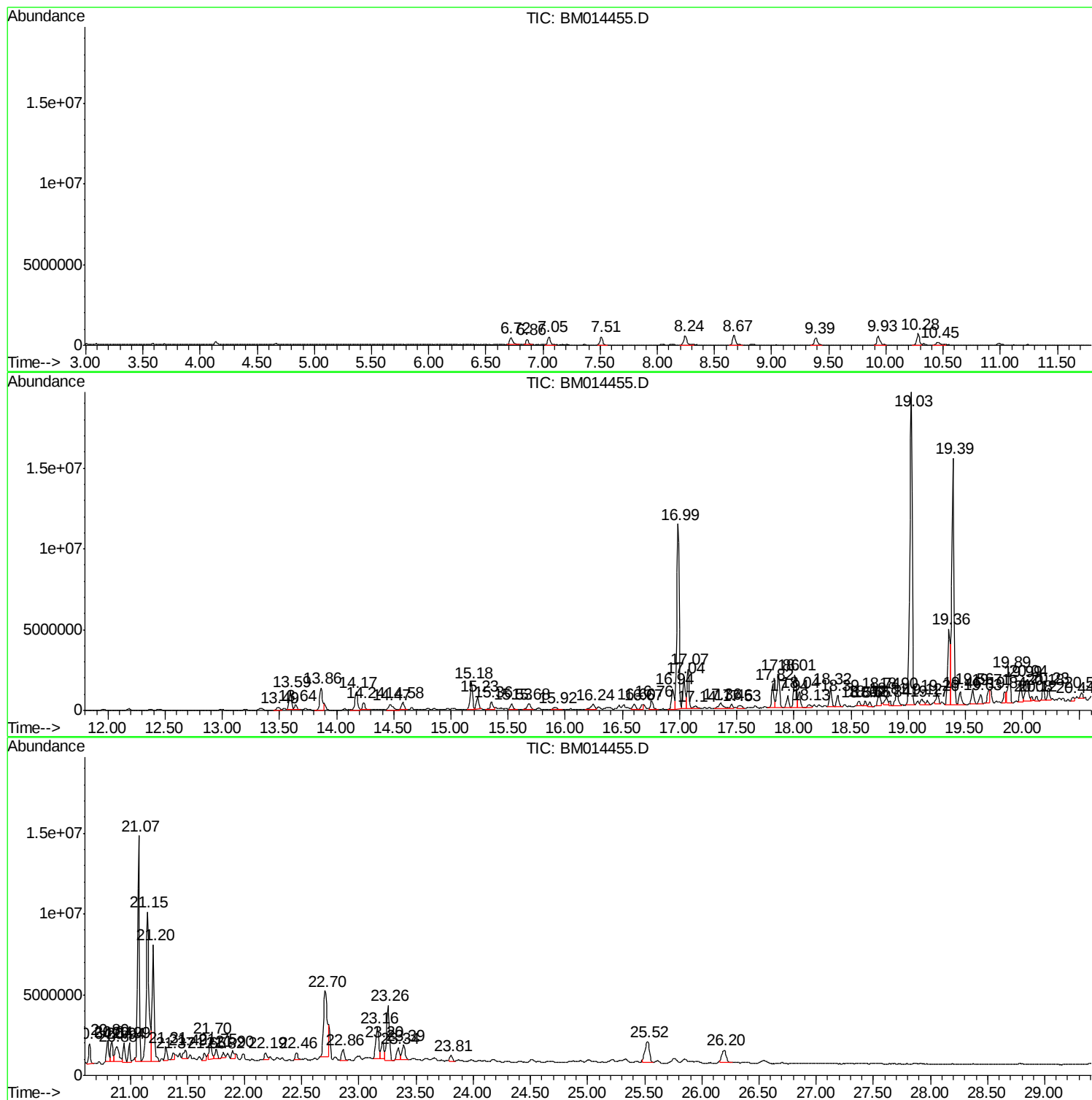
Sum of corrected areas: 232159748

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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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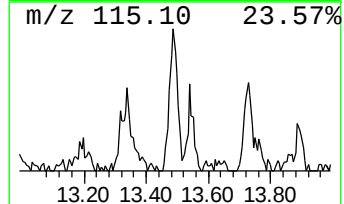
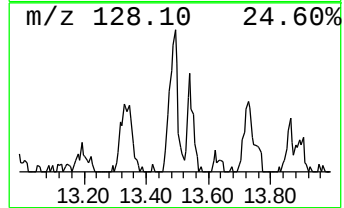
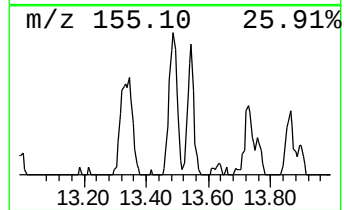
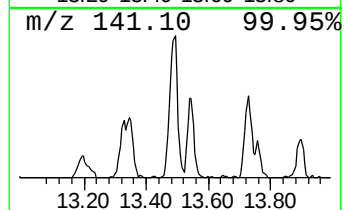
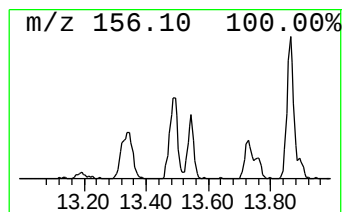
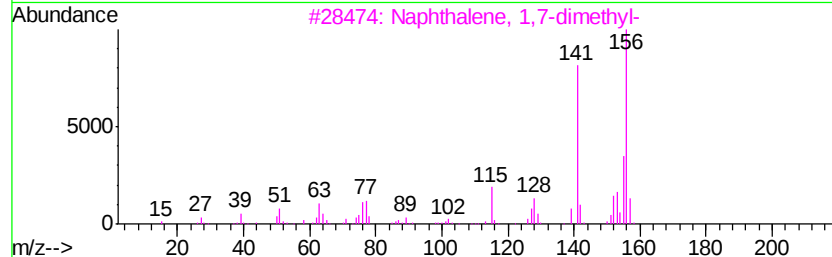
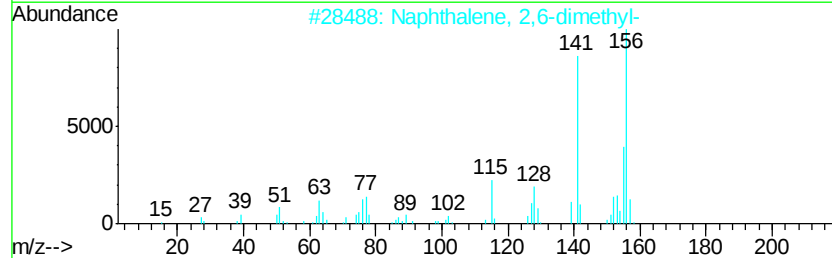
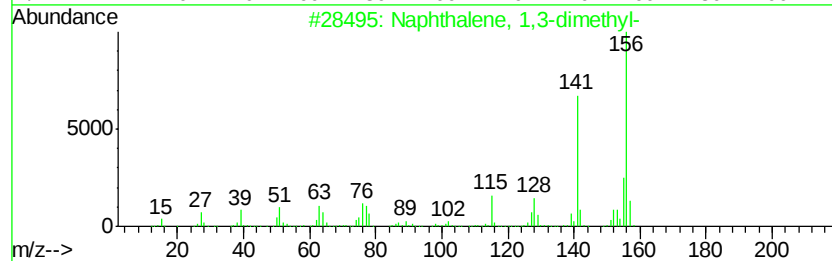
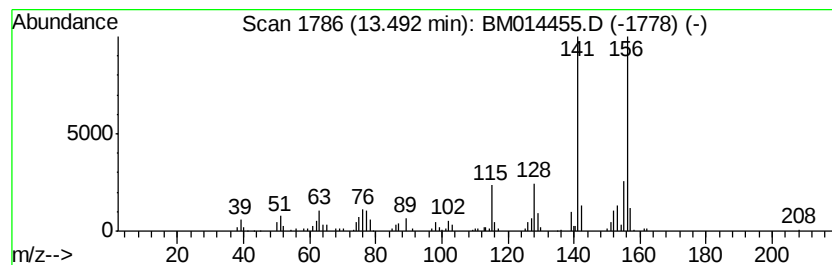
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 1,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	4.08 ng/ul	355967	Acenaphthene-d10	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



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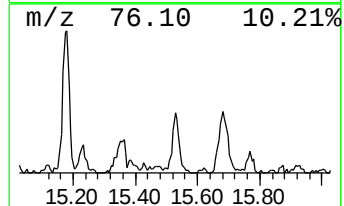
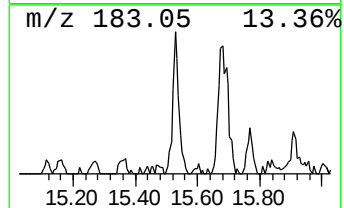
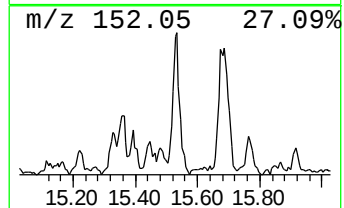
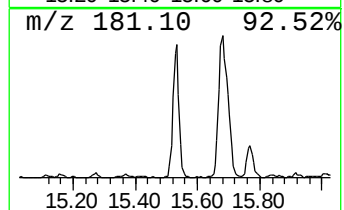
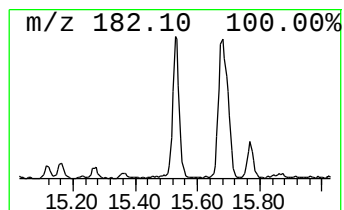
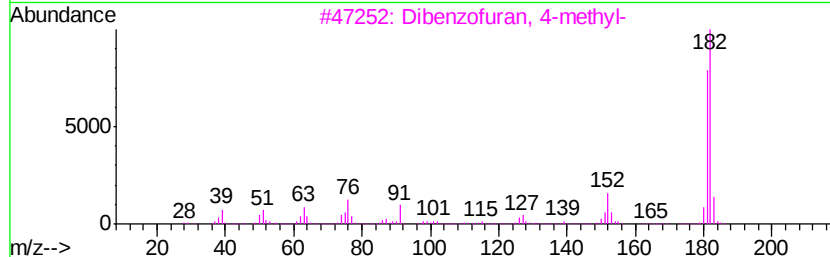
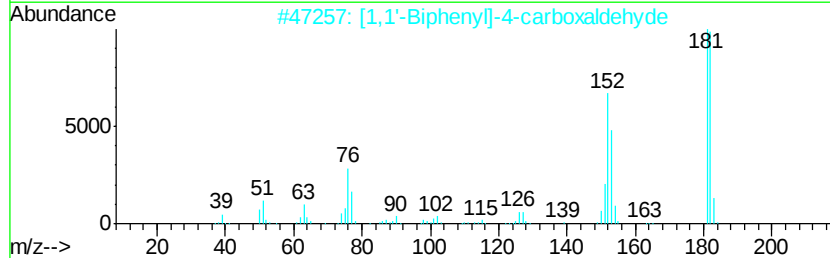
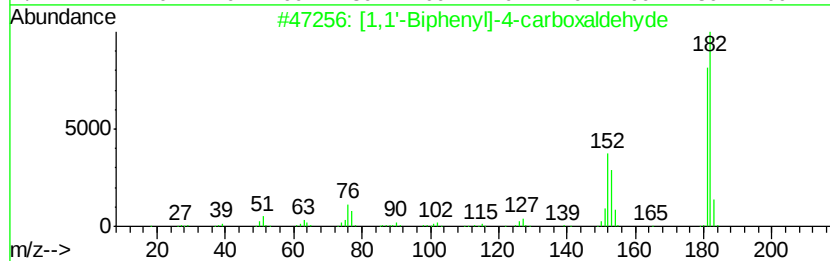
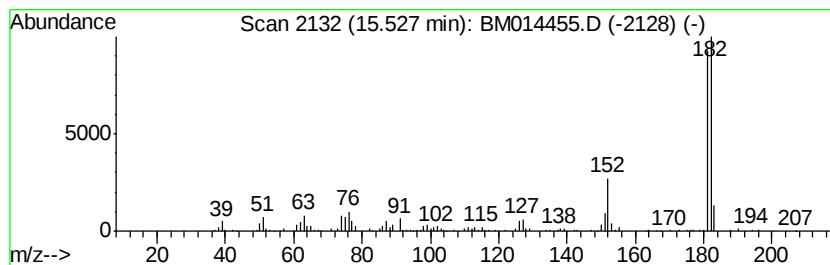
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	6.65 ng/ul	580258	Acenaphthene-d10	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



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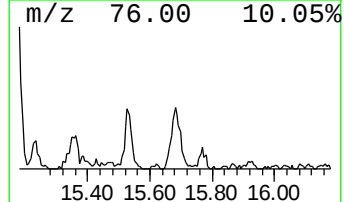
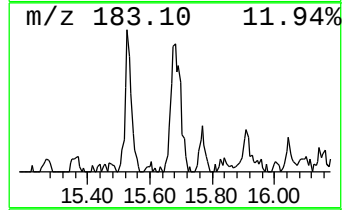
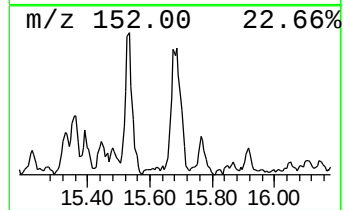
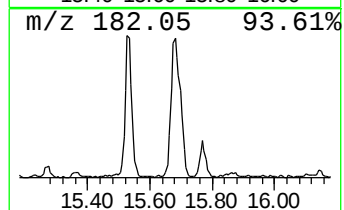
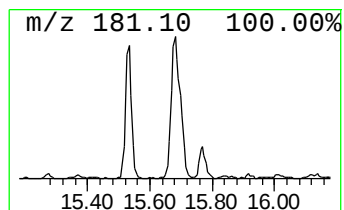
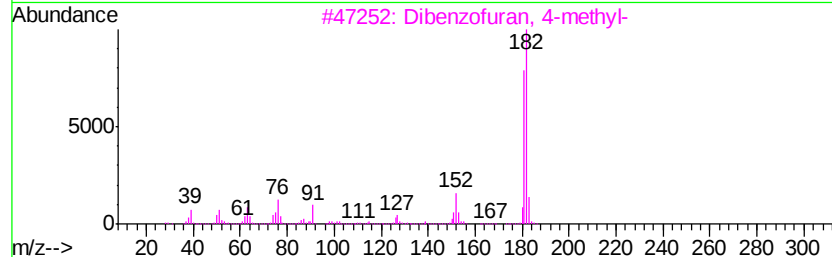
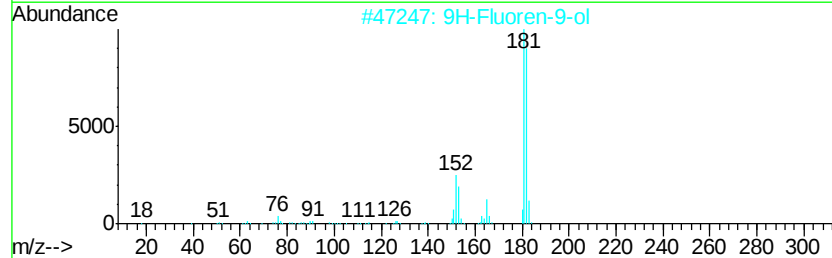
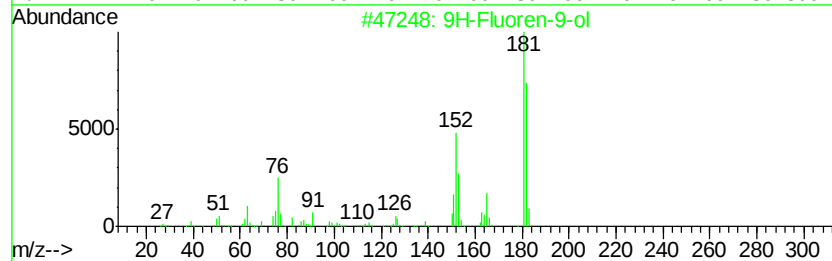
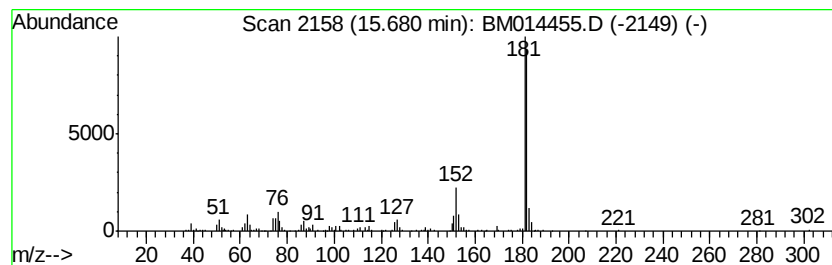
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9H-Fluoren-9-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	8.24 ng/ul	819619	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
4		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72



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Data File : BM014455.D
Acq On : 02 Mar 2018 11:07
Operator : SJ/JU
Sample : J1646-12RE
Misc :
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Instrument :
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ClientSampleId :
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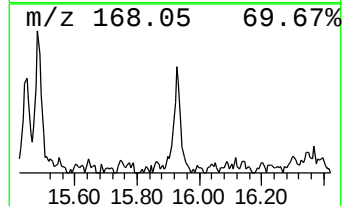
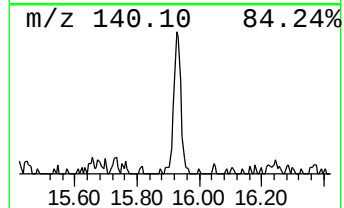
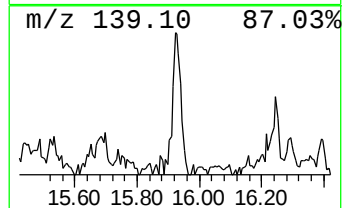
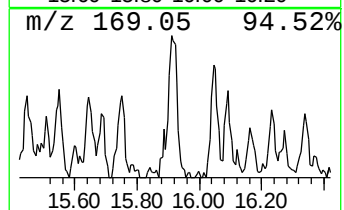
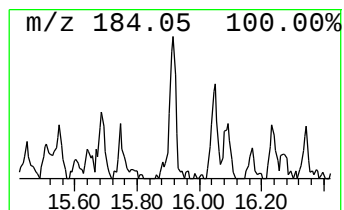
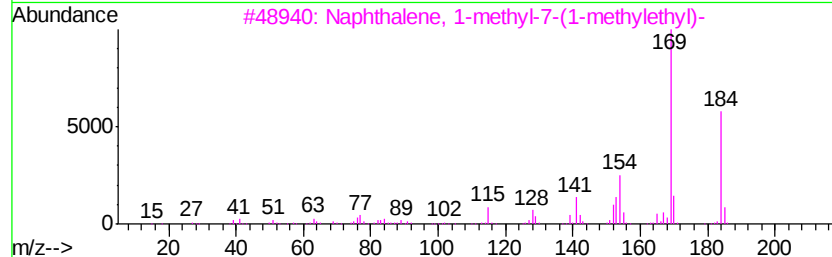
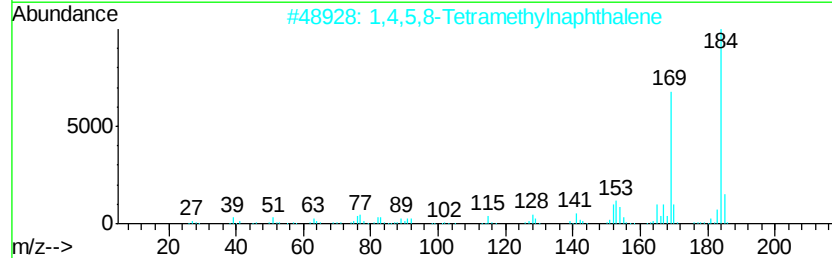
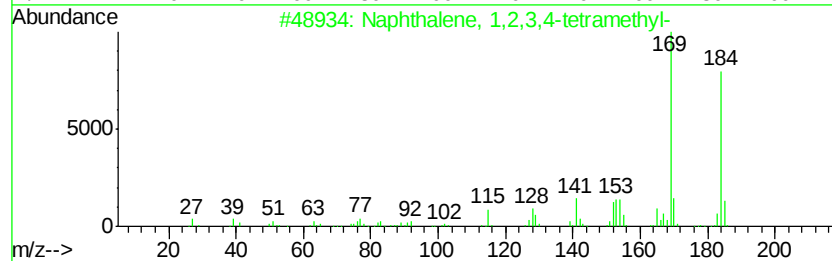
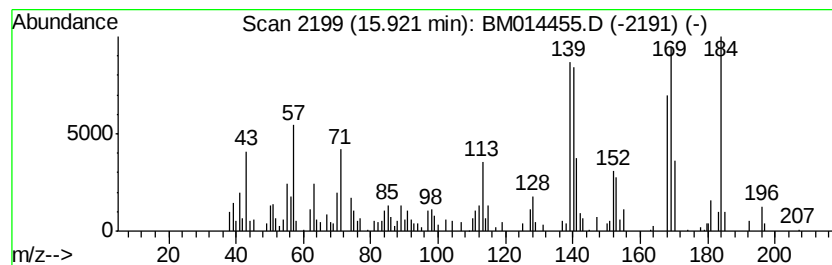
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.42 ng/ul	339883	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	49
2		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	49
3		Naphthalene, 1-methyl-7-(1-methyl...	184	C14H16	000490-65-3	46
4		Silane, tetra-1-propynyl-	184	C12H12Si	020143-21-9	43
5		4-Methoxy-3,5-dihydroxybenzoic acid	184	C8H8O5	004319-02-2	38



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Misc :
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Instrument :
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ClientSampleId :
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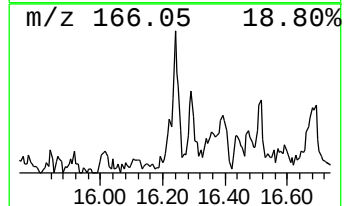
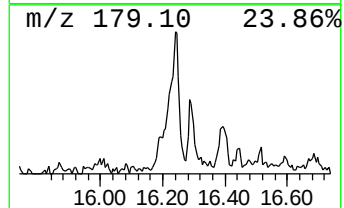
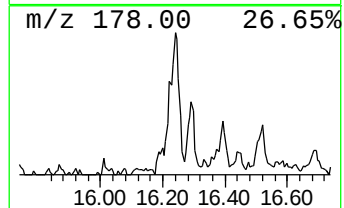
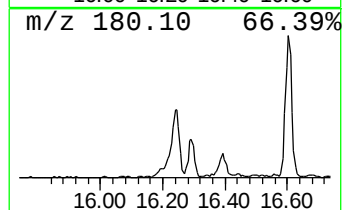
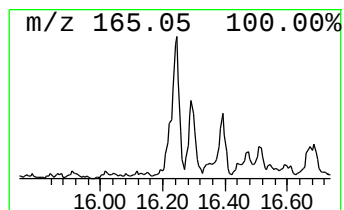
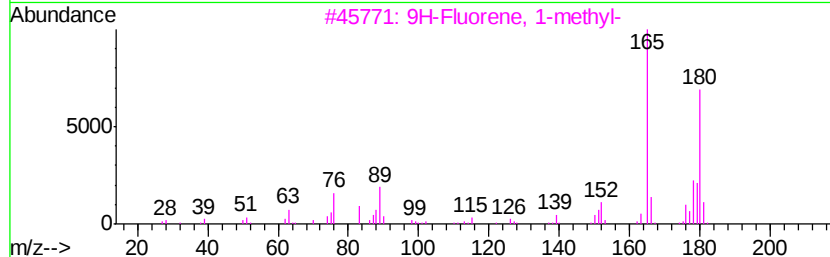
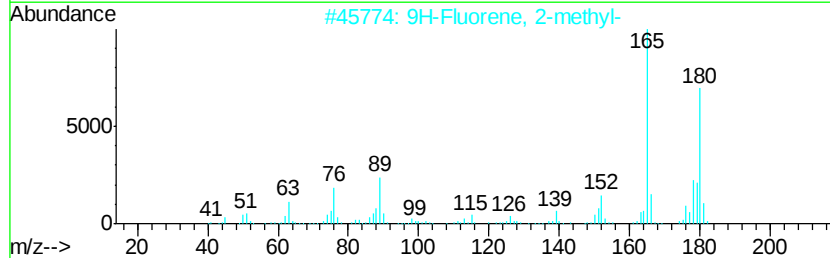
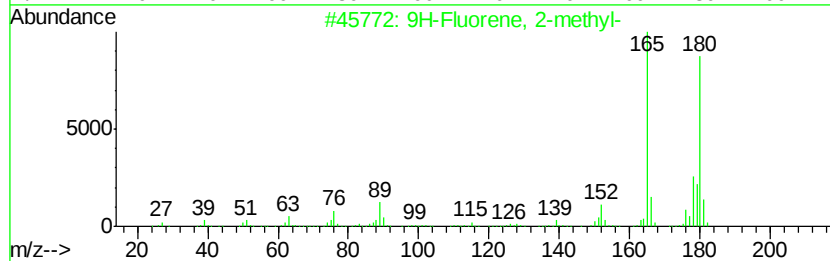
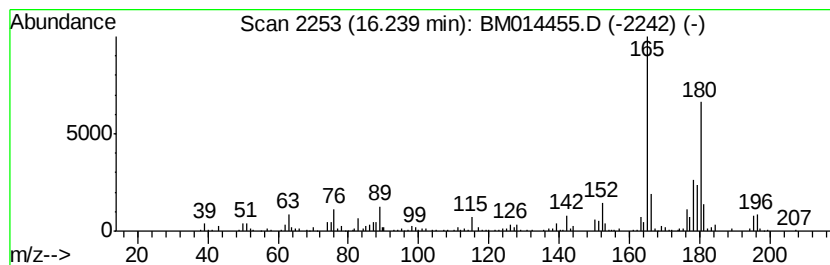
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	7.56 ng/ul	752385	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64



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Misc :
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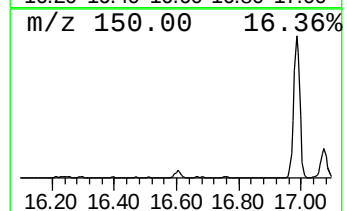
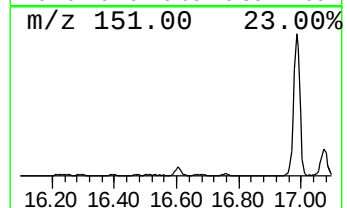
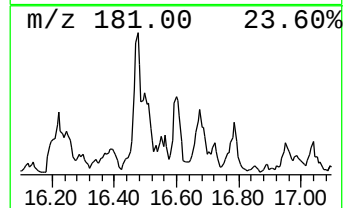
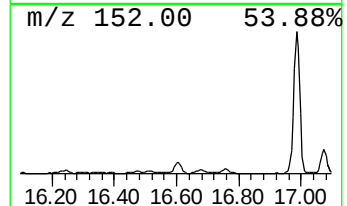
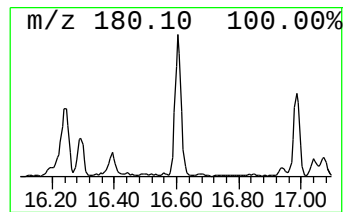
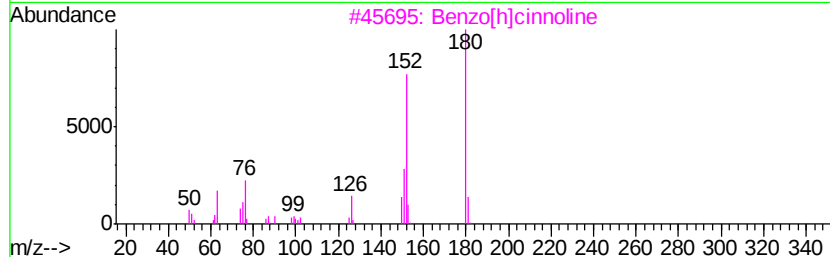
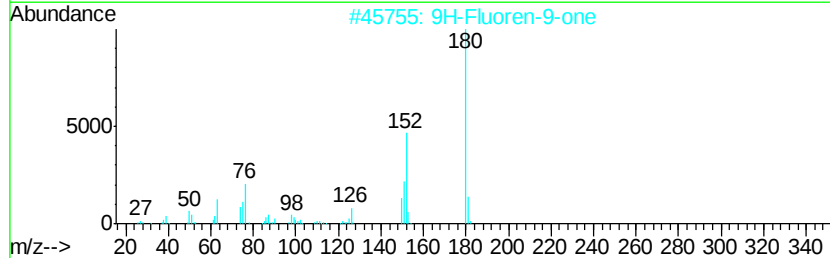
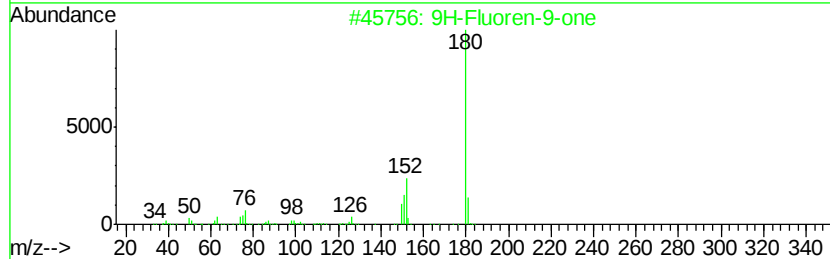
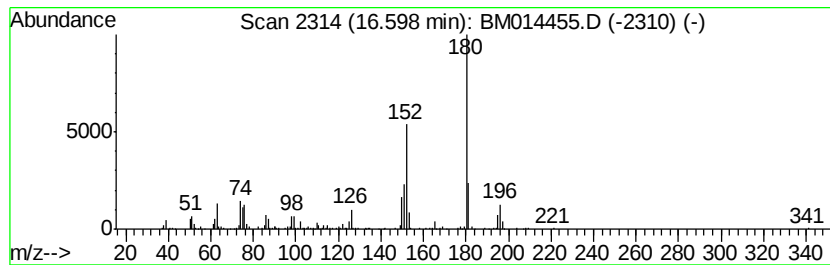
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	5.35 ng/ul	531978	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one		180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one		180	C13H8O	000486-25-9	91
3	Benzo[h]cinnoline		180	C12H8N2	000230-31-9	90
4	9H-Fluoren-9-one		180	C13H8O	000486-25-9	83
5	9,10-Phenanthrenedione		208	C14H8O2	000084-11-7	78



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Operator : SJ/JU
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Misc :
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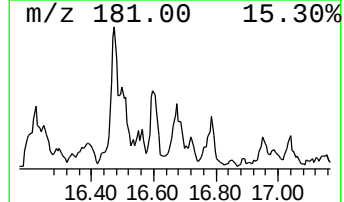
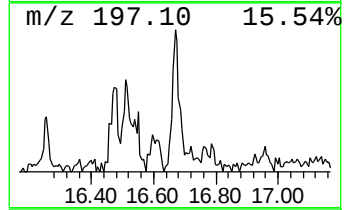
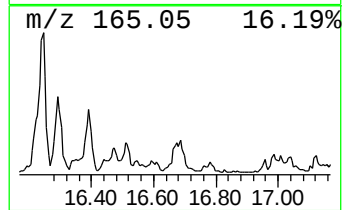
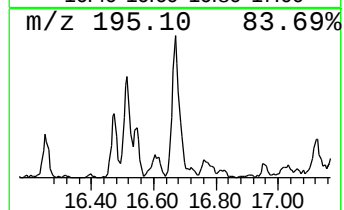
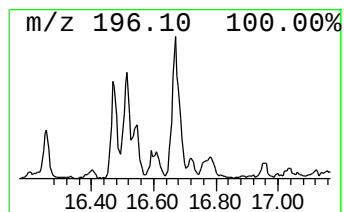
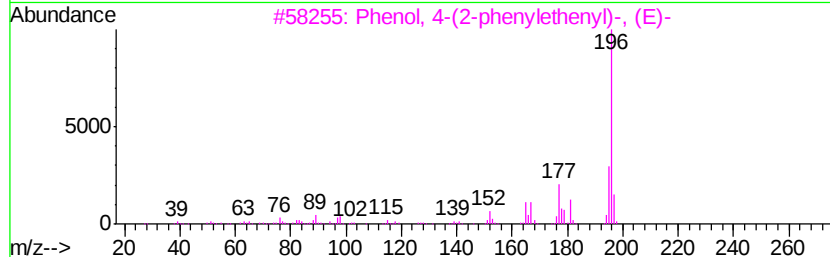
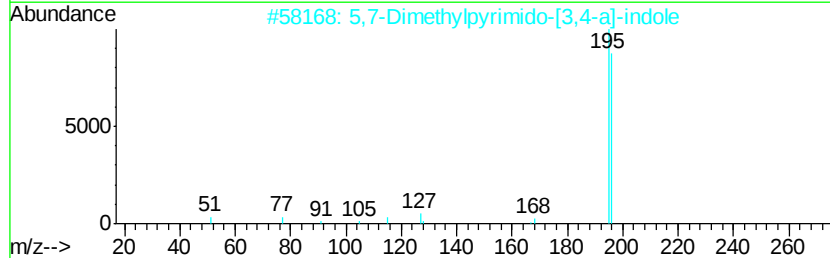
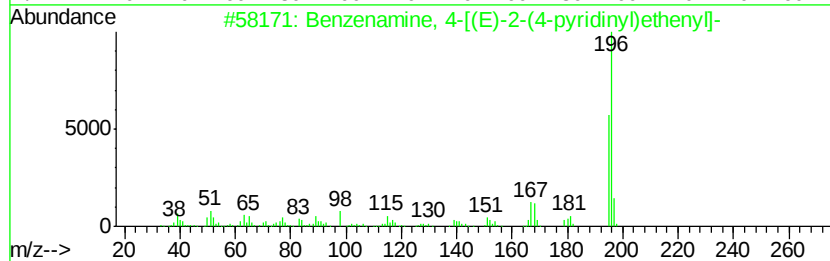
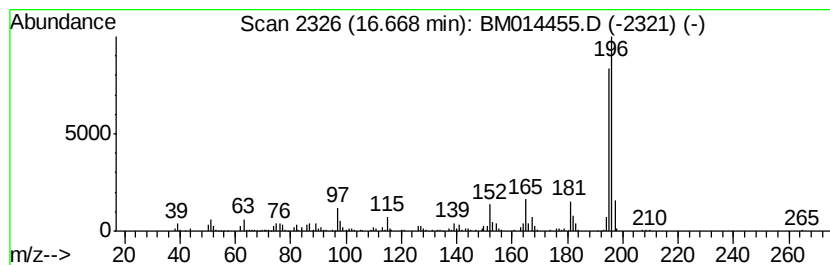
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzenamine, 4-[(E)-2-(4-py... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.67	4.35 ng/ul	432381	Phenanthrene-d10	16.94		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	64	
2	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	53	
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52	
4	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	47	
5	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	46	



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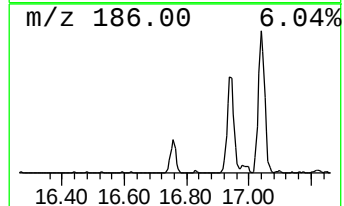
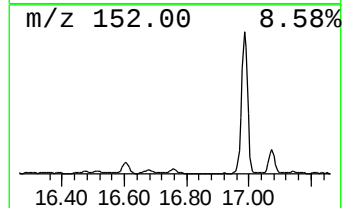
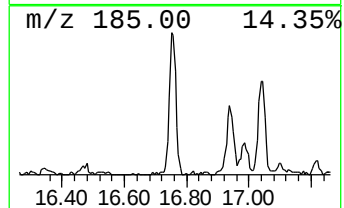
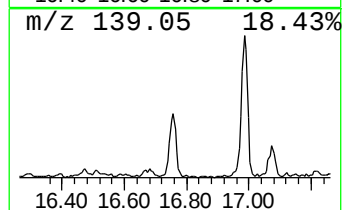
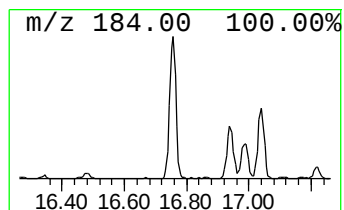
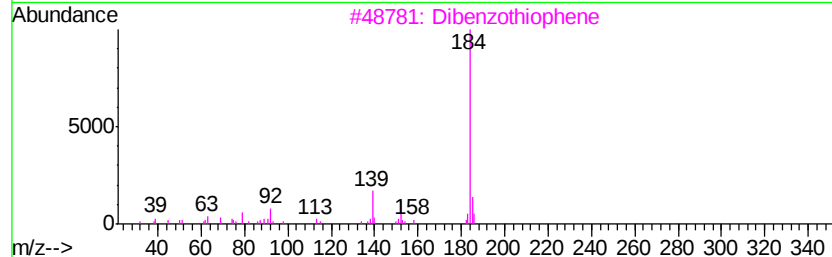
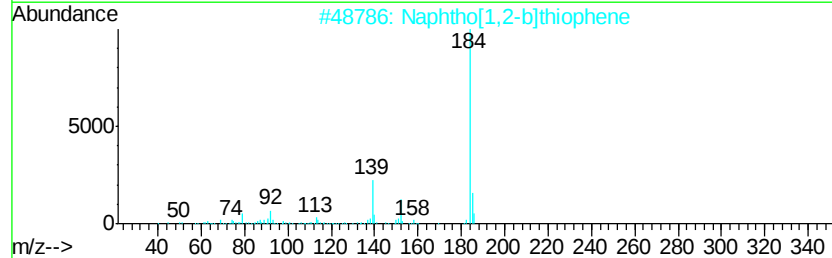
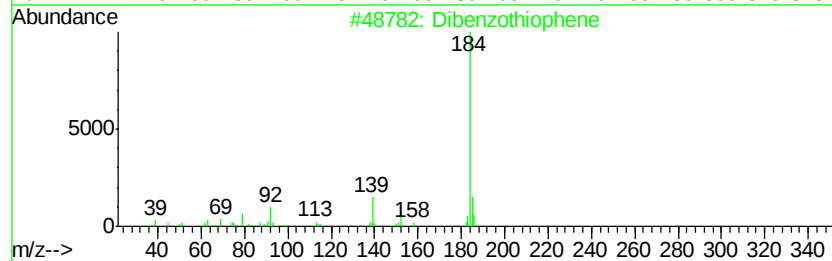
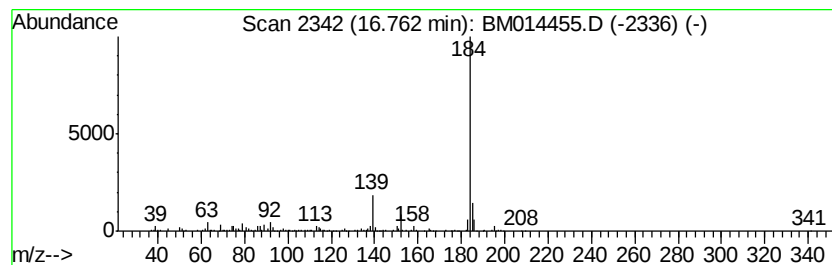
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	8.48 ng/ul	843721	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3		Dibenzothiophene	184	C12H8S	000132-65-0	94
4		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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Misc :
ALS Vial : 4 Sample Multiplier: 1

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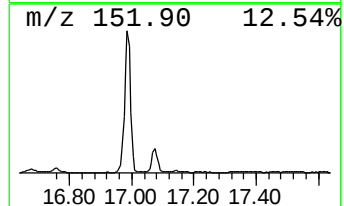
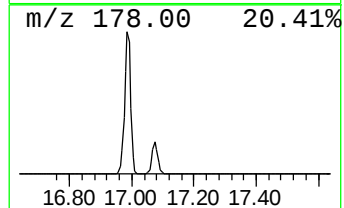
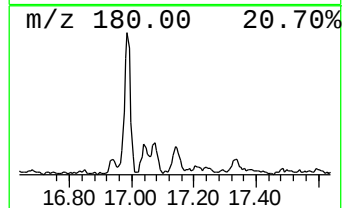
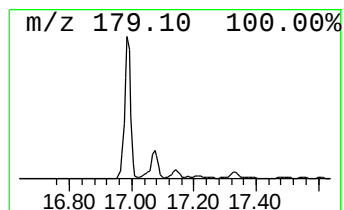
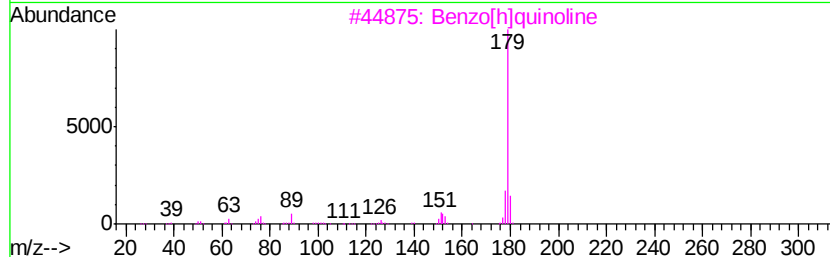
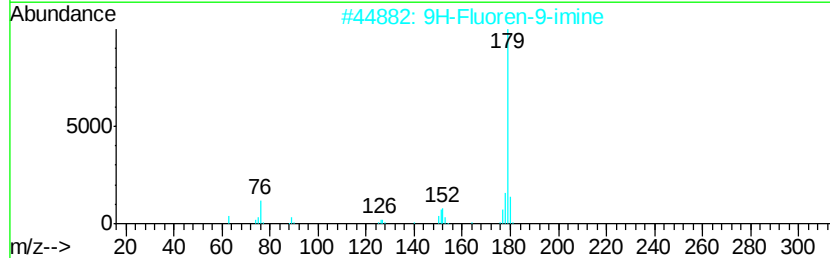
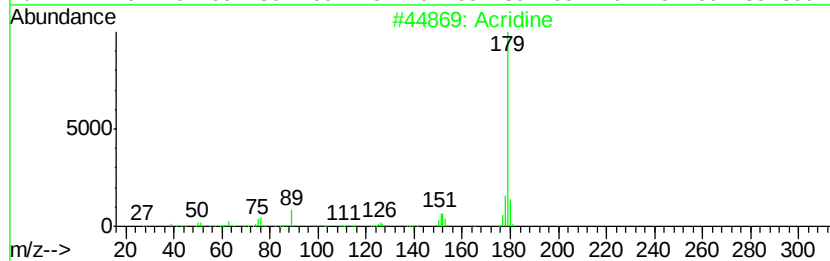
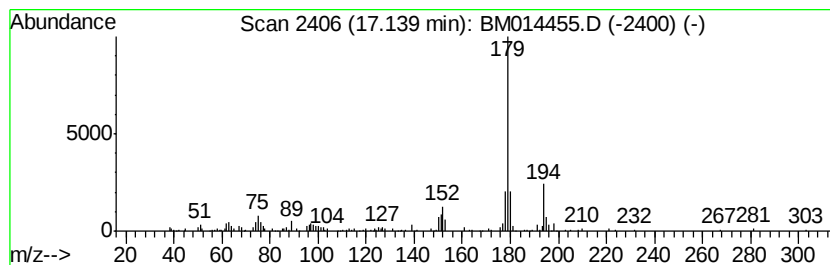
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Acridine Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	3.10 ng/ul	308653	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acridine	179	C13H9N	000260-94-6	76
2		9H-Fluoren-9-imine	179	C13H9N	004440-33-9	76
3		Benzo[h]quinoline	179	C13H9N	000230-27-3	68
4		Acridine	179	C13H9N	000260-94-6	68
5		[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	68



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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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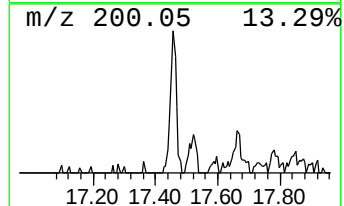
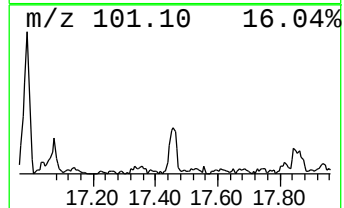
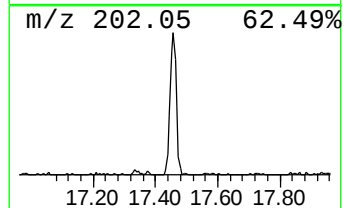
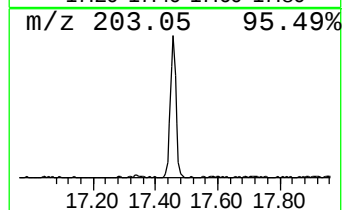
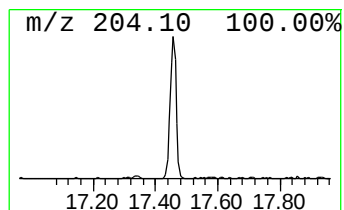
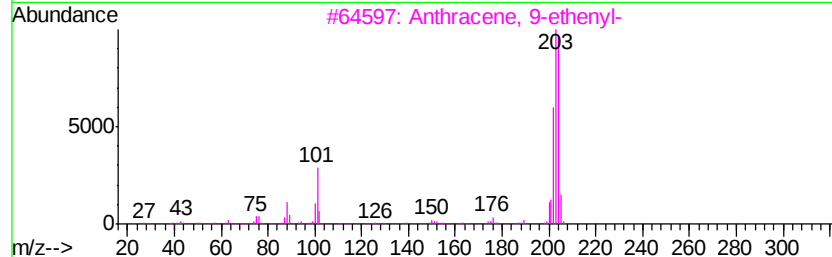
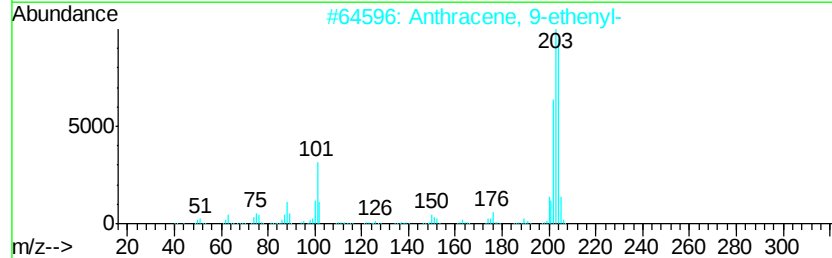
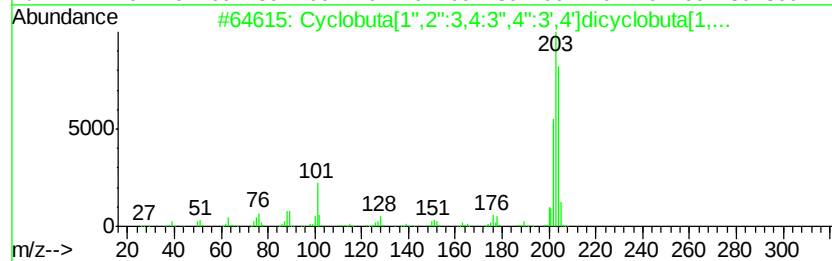
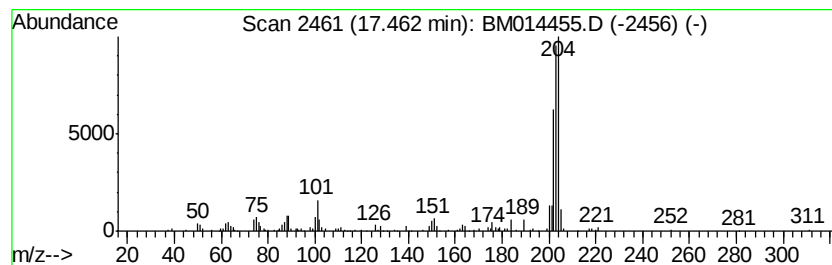
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Cyclobuta[1'',2'':3,4:3'',4... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	3.75 ng/ul	373251	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	93
2			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
4			Dibenzo[fa,elcyclooctene	204	C16H12	000262-89-5	89
5			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76



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Data File : BM014455.D
Acq On : 02 Mar 2018 11:07
Operator : SJ/JU
Sample : J1646-12RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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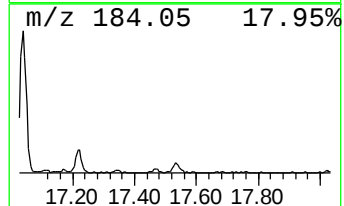
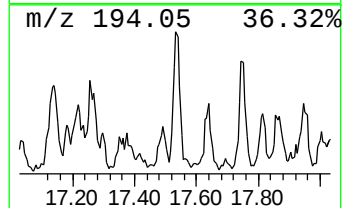
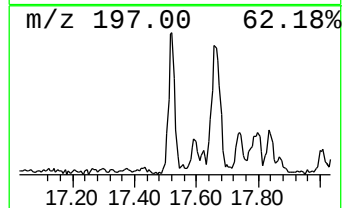
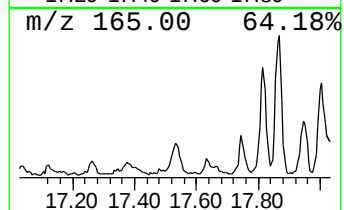
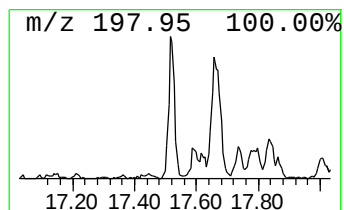
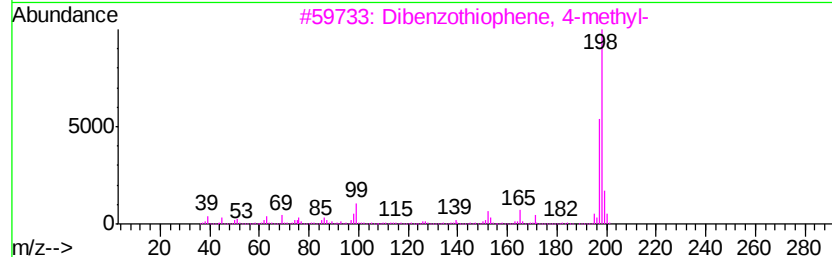
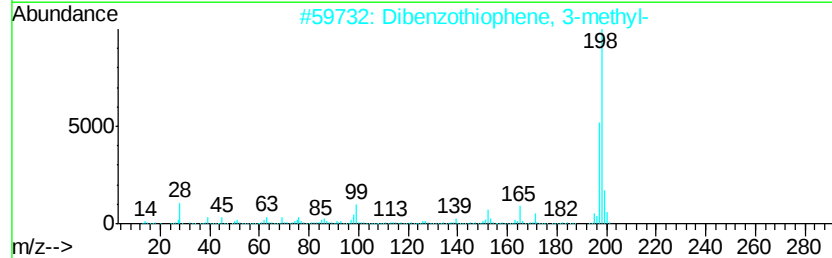
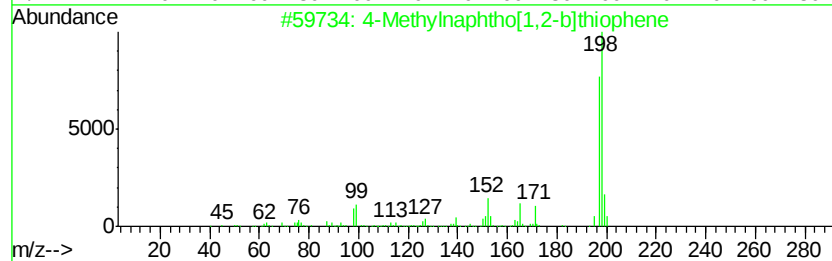
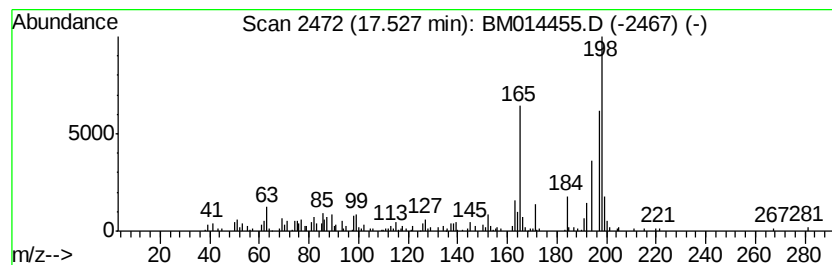
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	4.71 ng/ul	468397	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	78
2			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	60
3			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	53
4			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	49
5			Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	47



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ClientSampleId :
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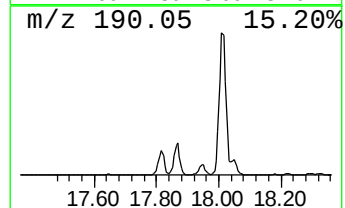
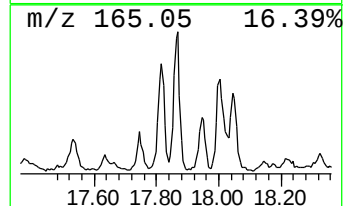
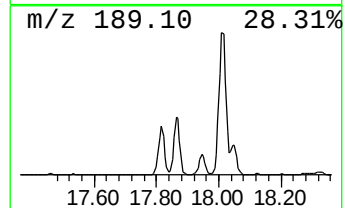
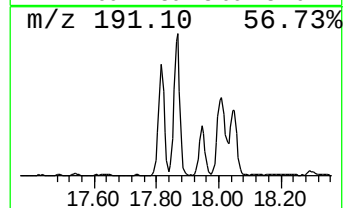
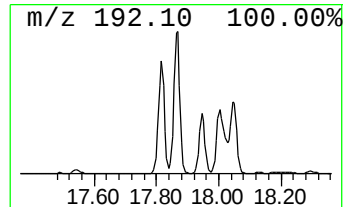
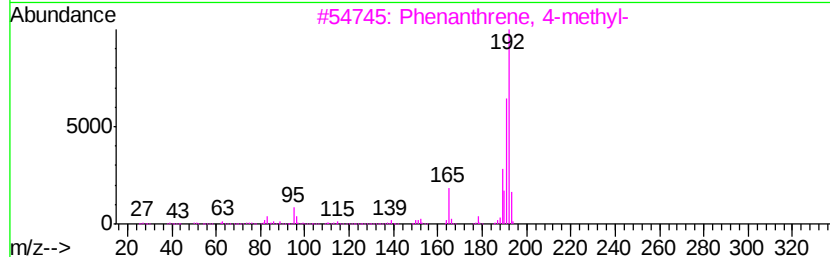
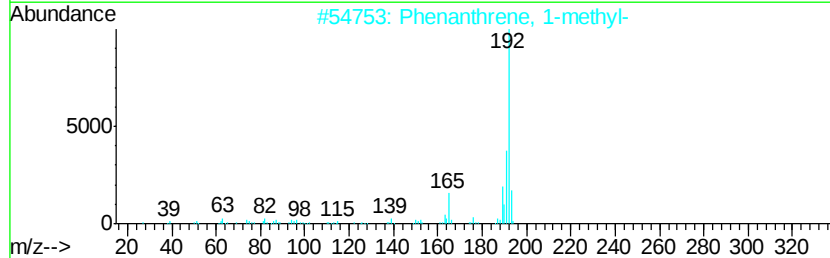
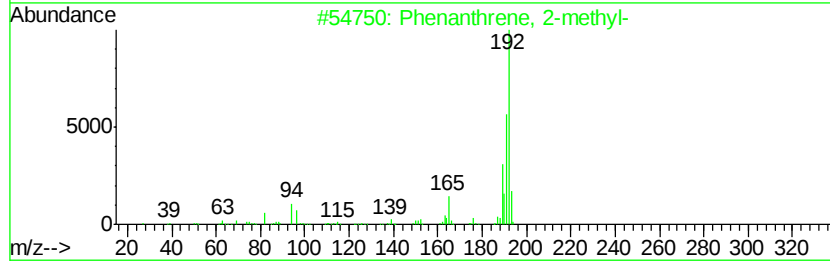
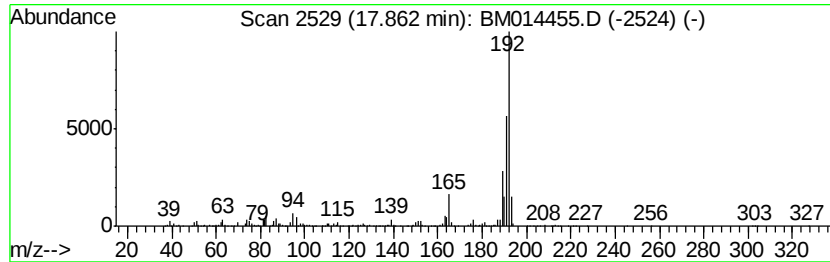
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	33.71 ng/ul	3353540	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



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Acq On : 02 Mar 2018 11:07
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Misc :
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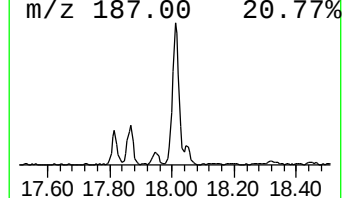
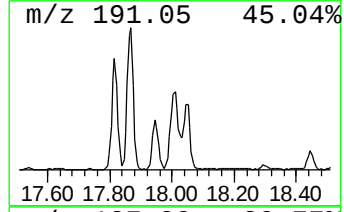
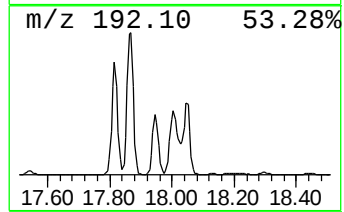
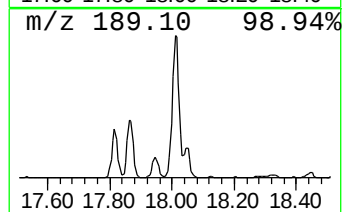
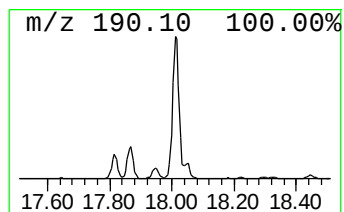
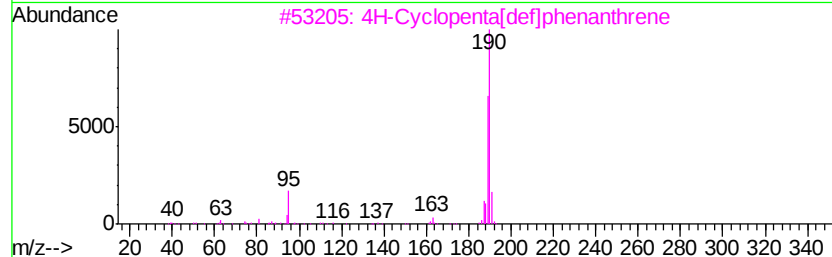
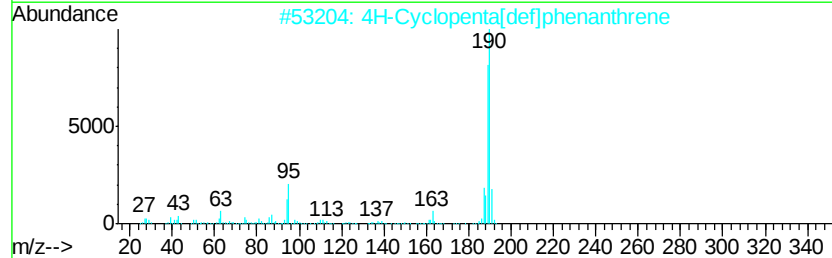
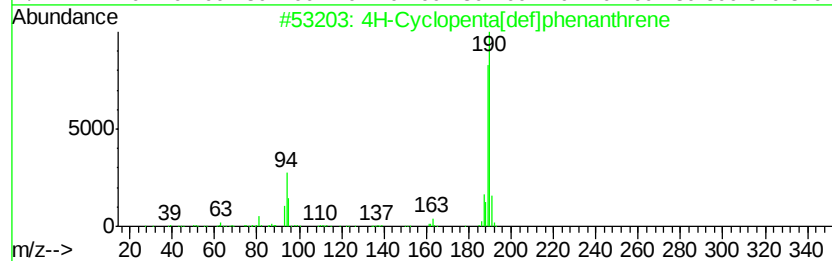
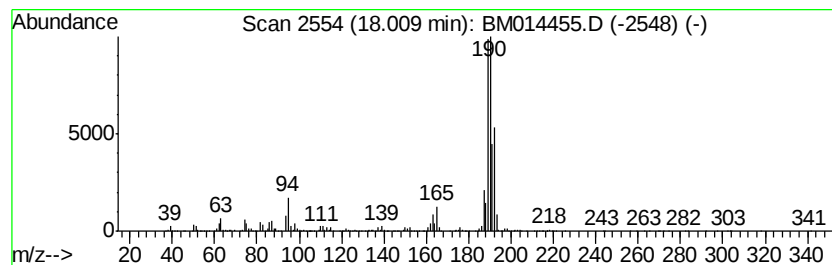
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	35.09 ng/ul	3490910	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	22



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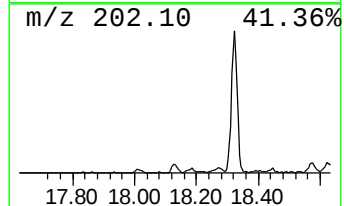
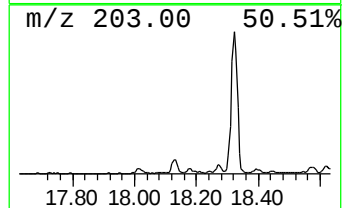
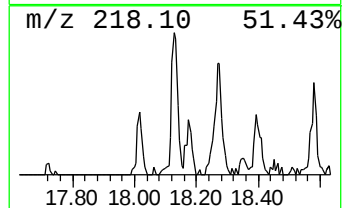
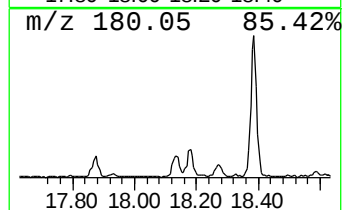
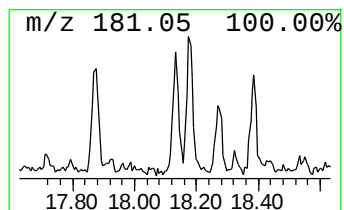
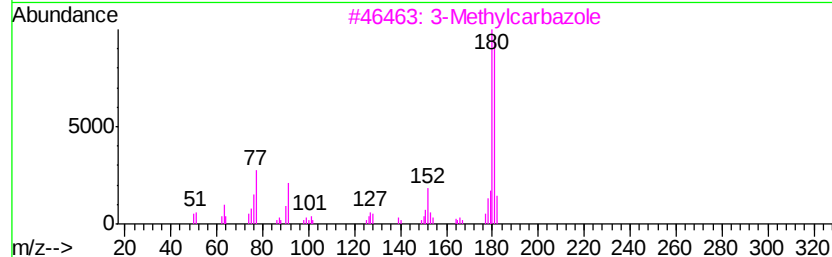
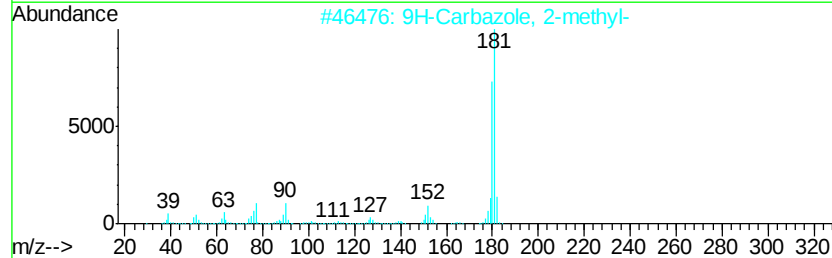
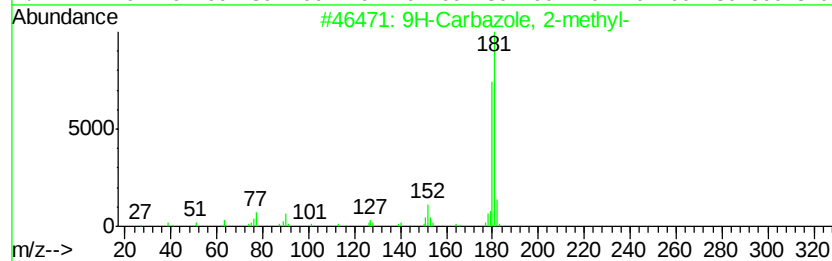
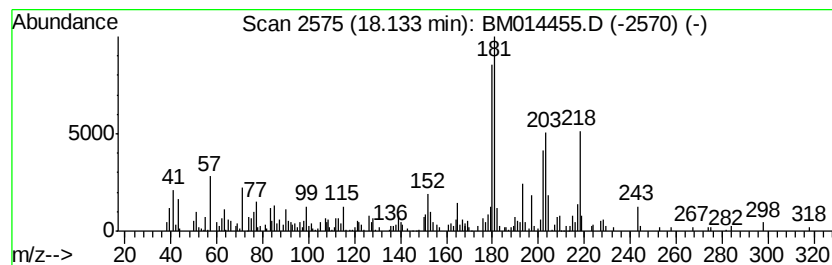
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9H-Carbazole, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	4.02 ng/ul	400084	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	86
2		9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	64
3		3-Methylcarbazole	181	C13H11N	004630-20-0	64
4		3-Methylcarbazole	181	C13H11N	004630-20-0	64
5		3-Methylcarbazole	181	C13H11N	004630-20-0	50



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Misc :
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Instrument :
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ClientSampleId :
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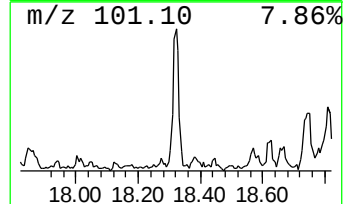
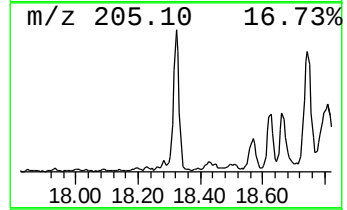
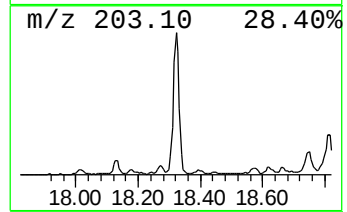
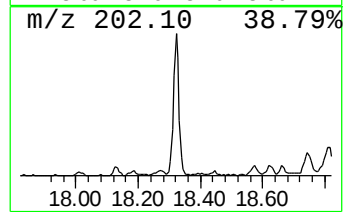
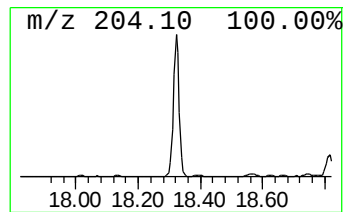
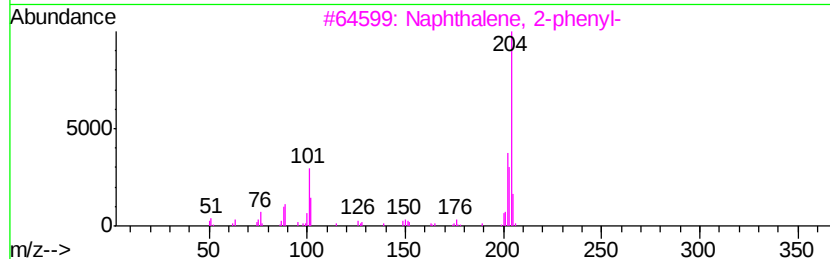
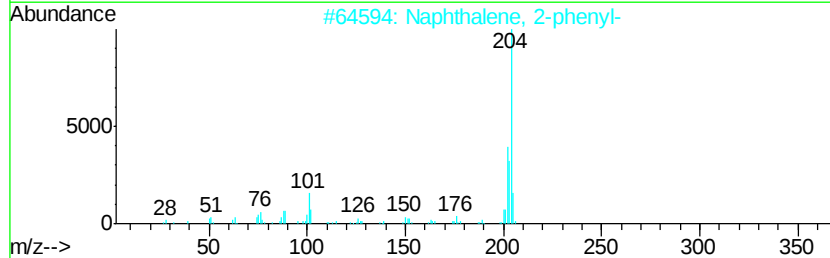
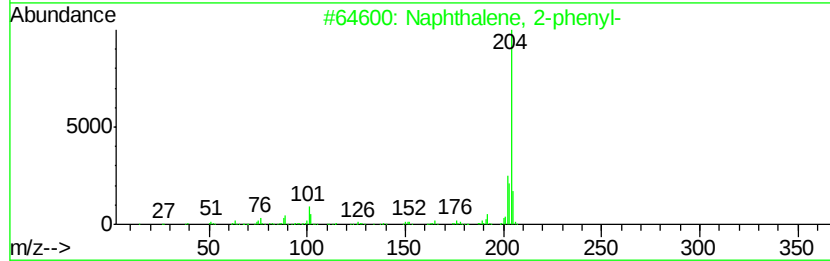
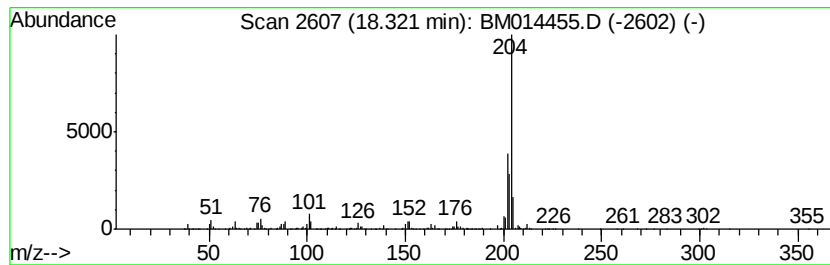
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	14.96 ng/ul	1488200	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62



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Data File : BM014455.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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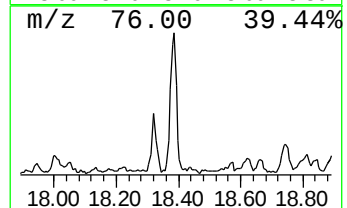
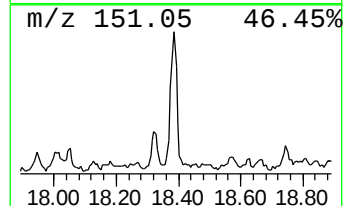
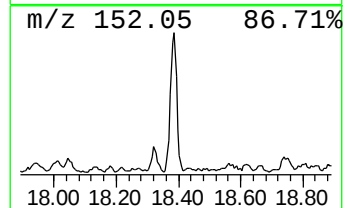
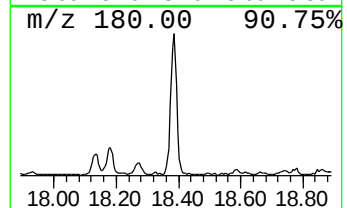
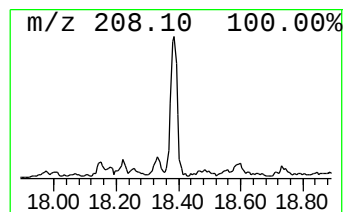
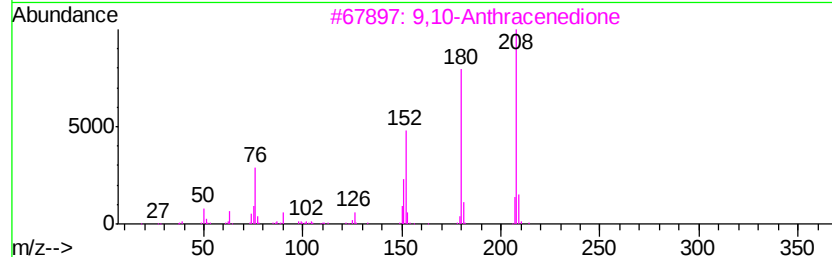
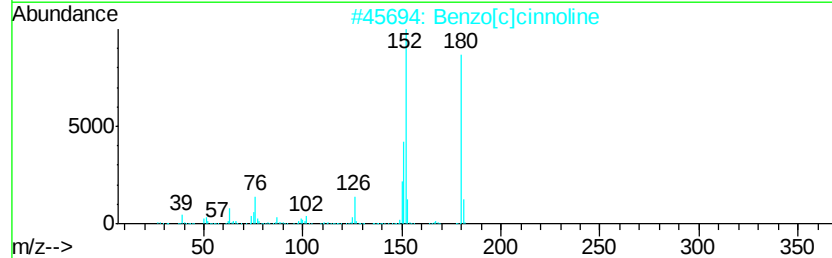
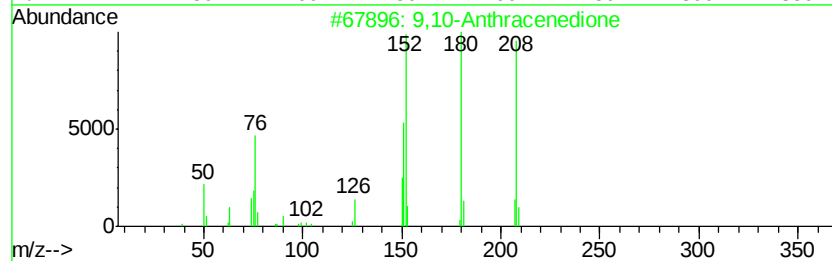
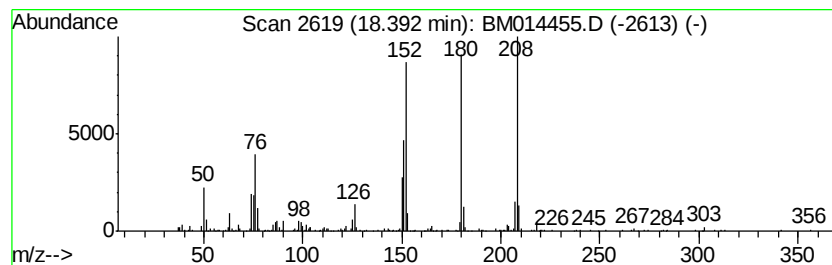
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	10.06 ng/ul	1000940	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	97
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	78



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014455.D
Acq On : 02 Mar 2018 11:07
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Sample : J1646-12RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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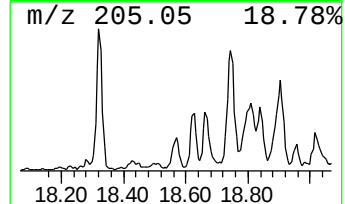
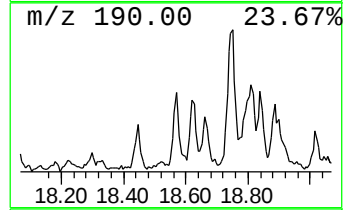
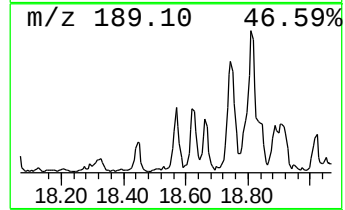
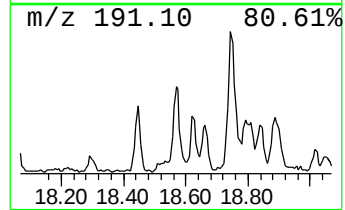
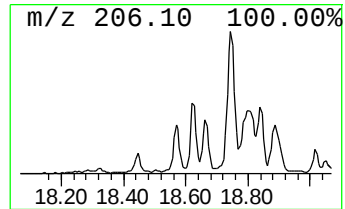
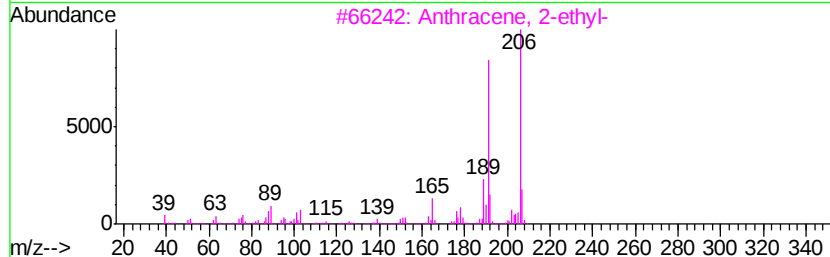
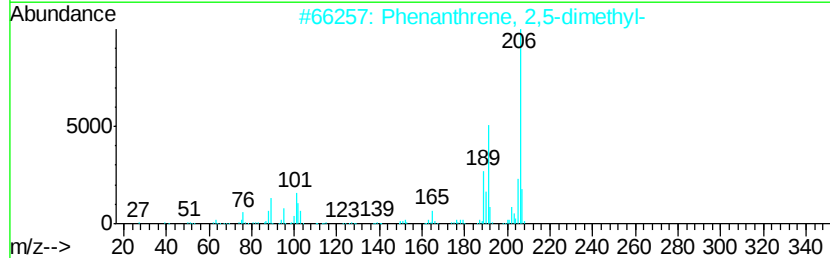
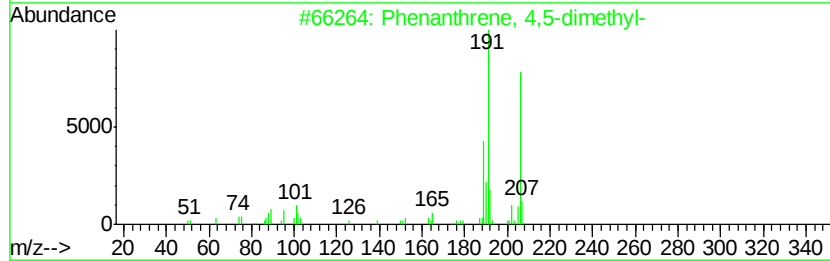
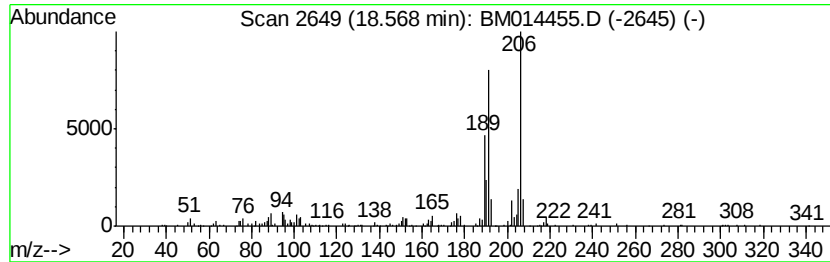
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Phenanthrene, 4,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	4.01 ng/ul	398595	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
4			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



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Data File : BM014455.D
Acq On : 02 Mar 2018 11:07
Operator : SJ/JU
Sample : J1646-12RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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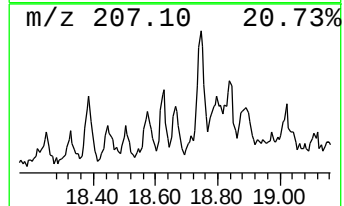
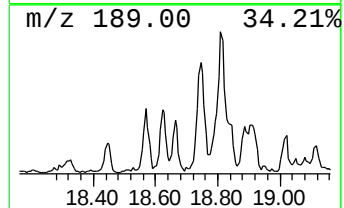
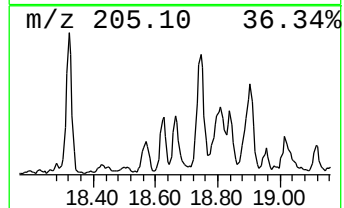
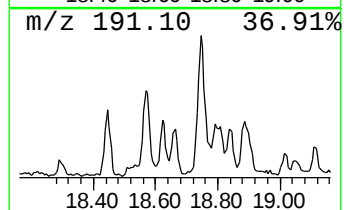
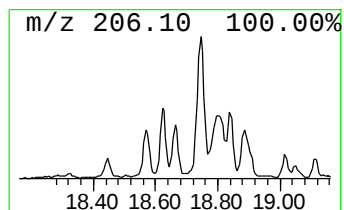
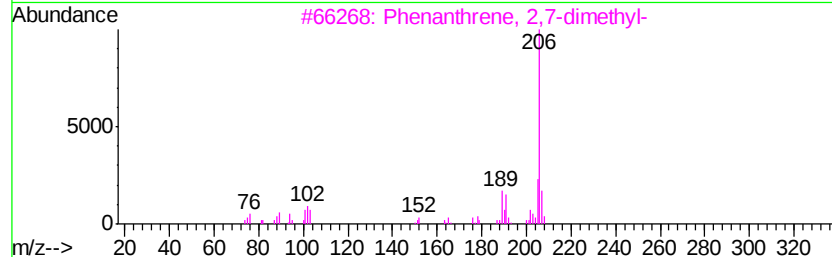
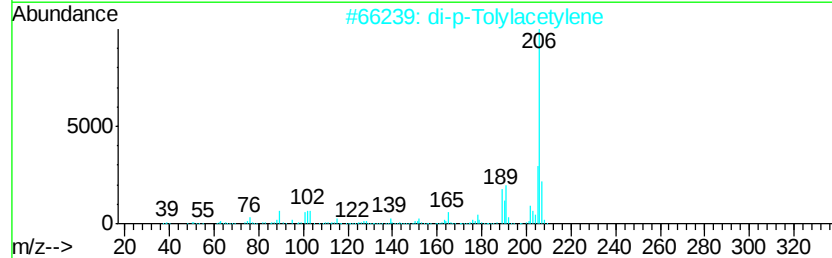
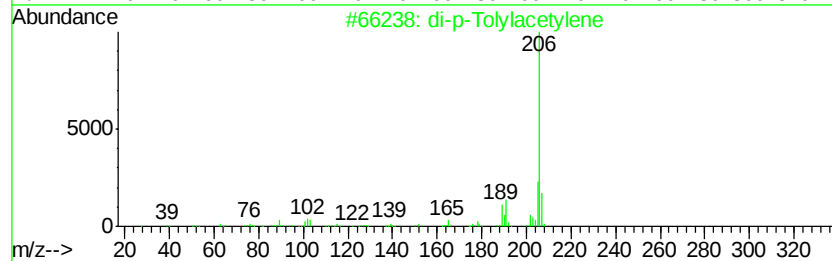
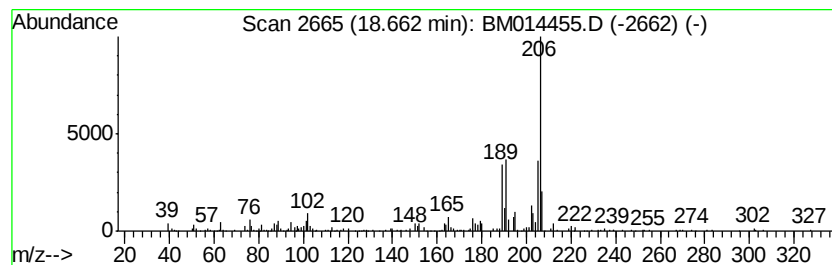
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 di-p-Tolylacetylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	4.10 ng/ul	407663	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	72



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
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Acq On : 02 Mar 2018 11:07
Operator : SJ/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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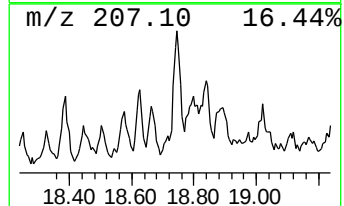
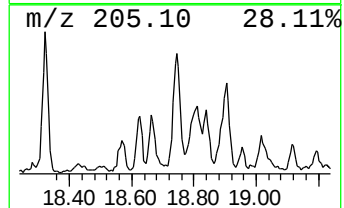
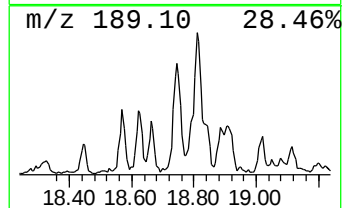
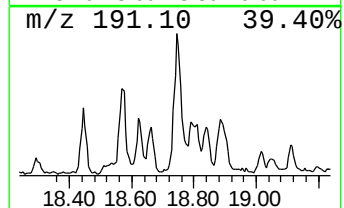
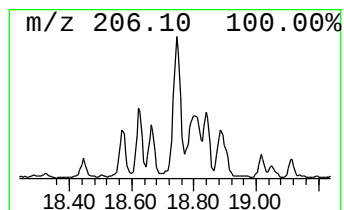
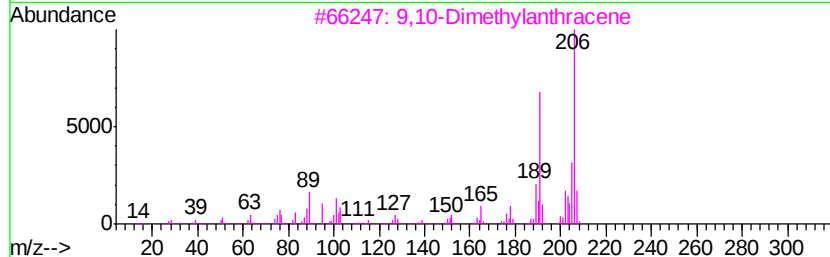
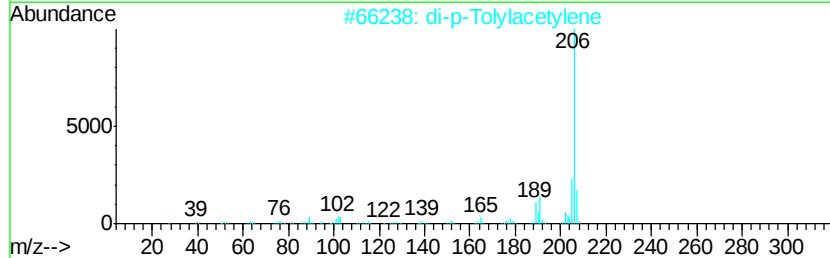
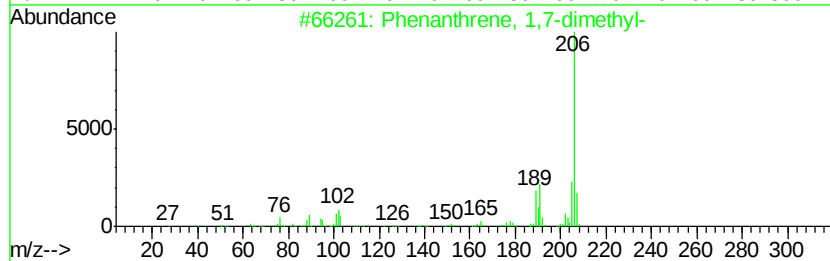
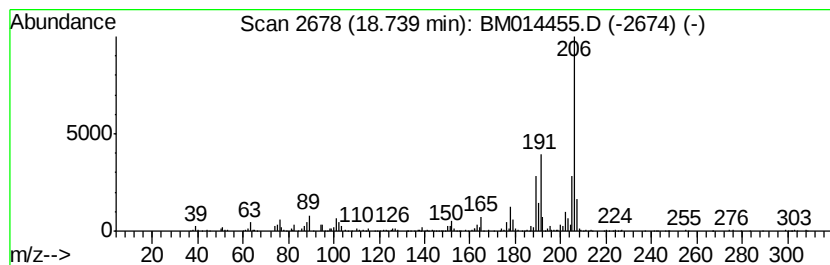
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Phenanthrene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	12.99 ng/ul	1291750	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91



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Acq On : 02 Mar 2018 11:07
Operator : SJ/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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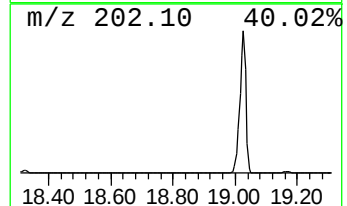
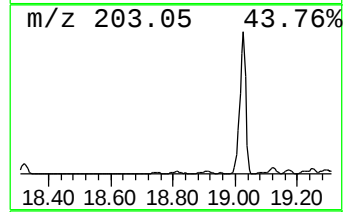
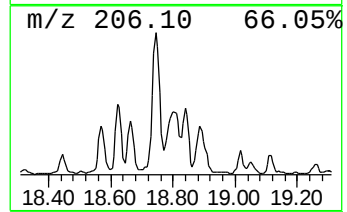
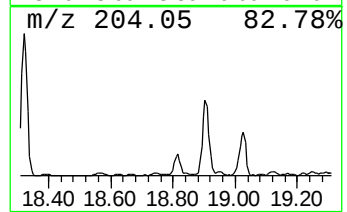
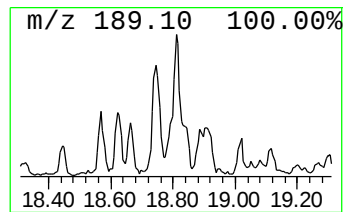
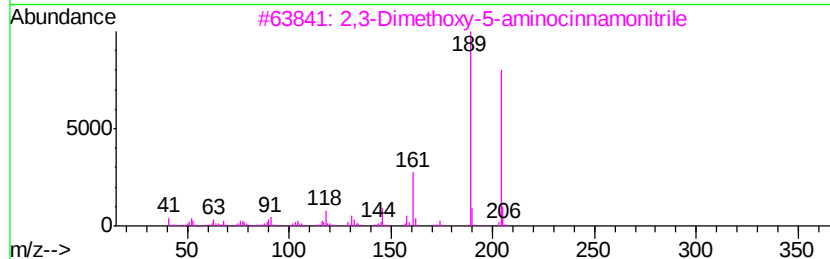
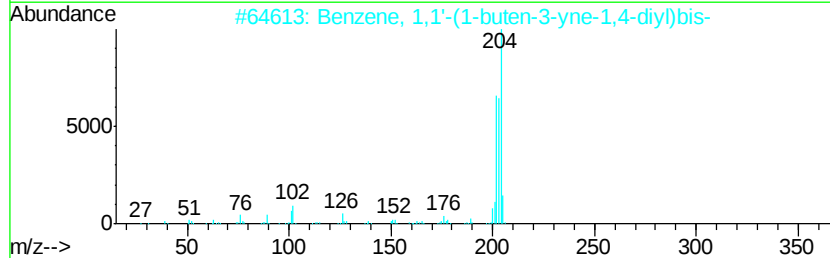
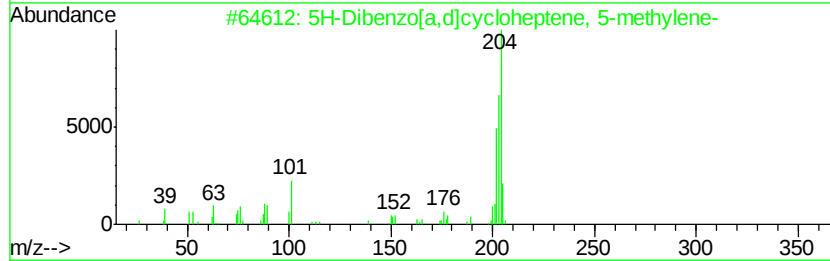
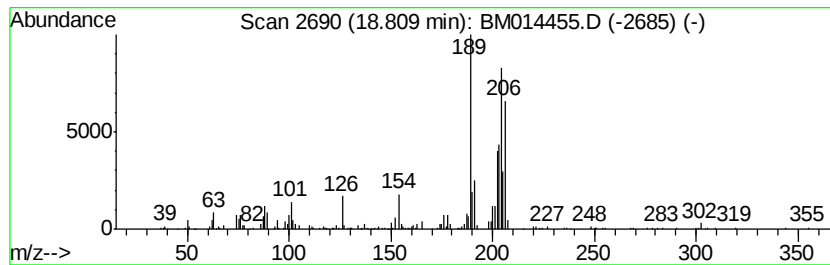
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	8.51 ng/ul	846941	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	59
2			Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49
3			2,3-Dimethoxy-5-aminocinnamitrile	204	C11H12N2O2	1000214-46-5	43
4			2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	38
5			2-Acetyl-3,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-05-1	38



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Acq On : 02 Mar 2018 11:07
Operator : SJ/JU
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Misc :
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Instrument :
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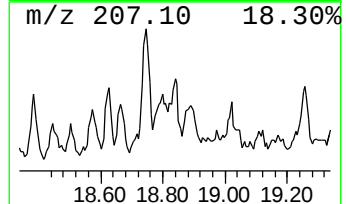
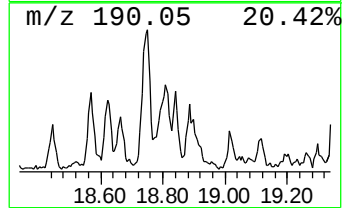
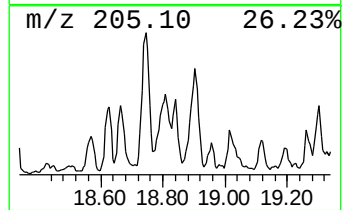
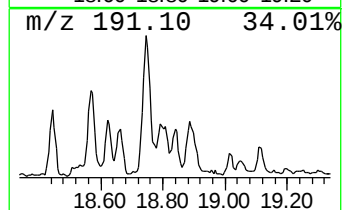
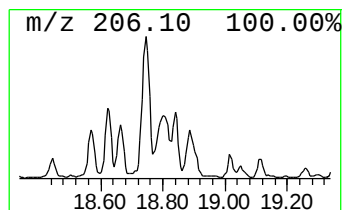
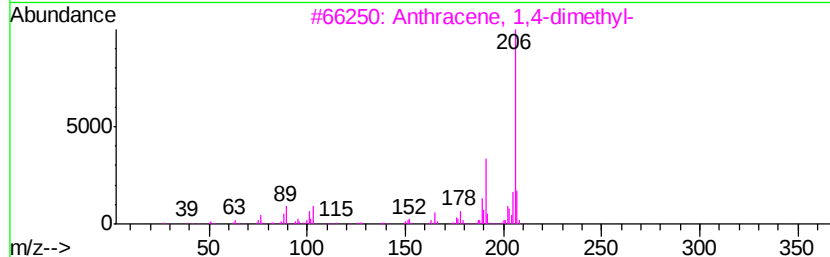
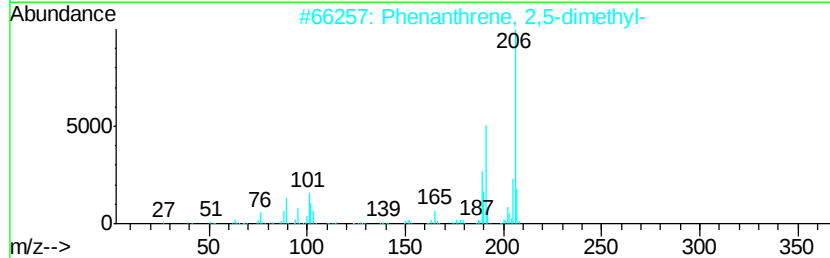
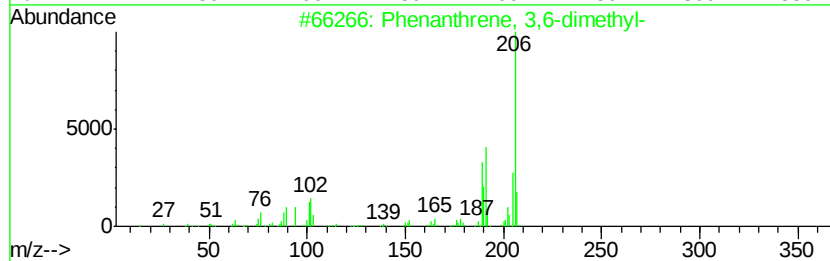
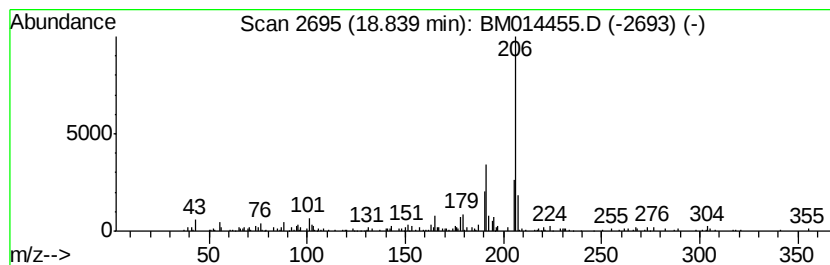
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Phenanthrene, 3,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	3.25 ng/ul	323446	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
3		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	76
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	74
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	72



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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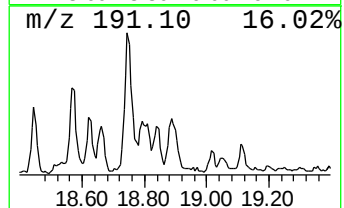
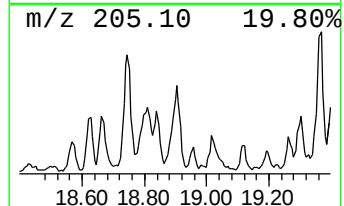
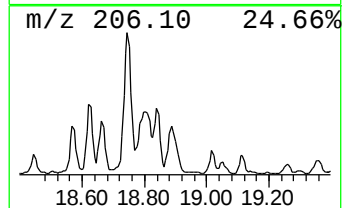
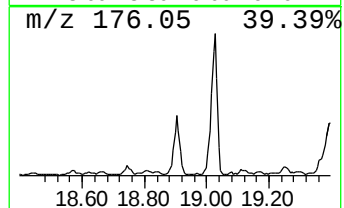
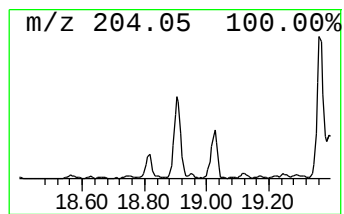
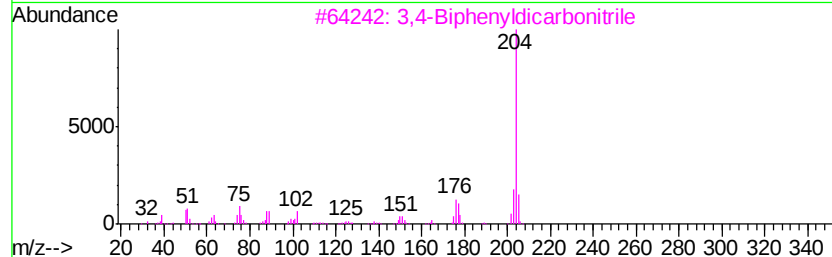
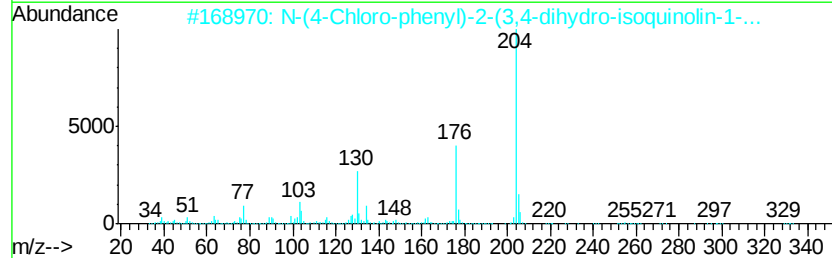
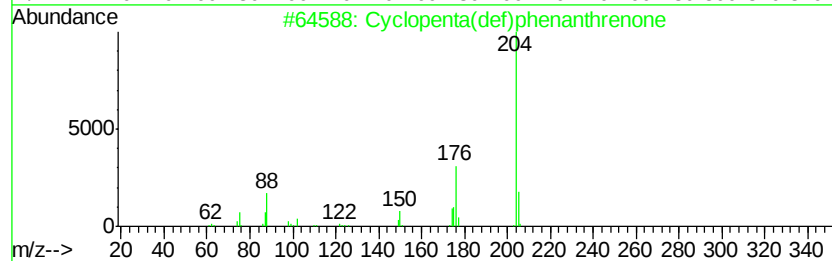
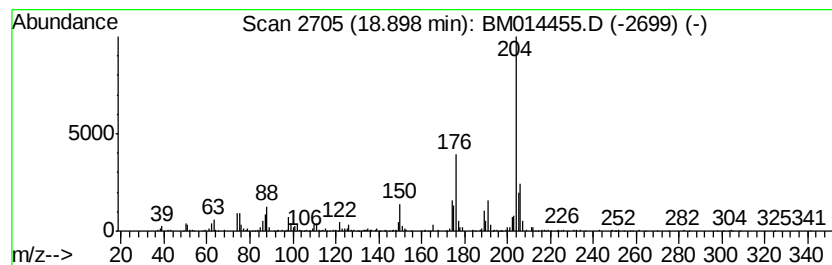
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	14.87 ng/ul	1479350	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
4		4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45
5		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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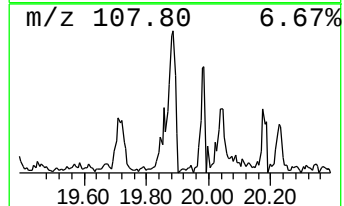
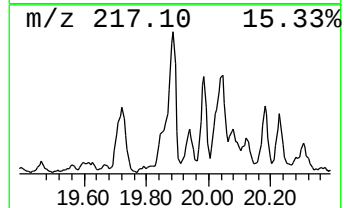
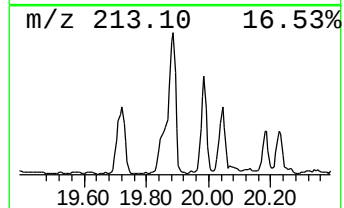
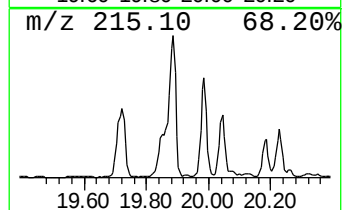
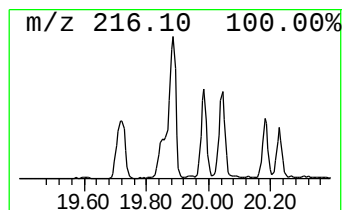
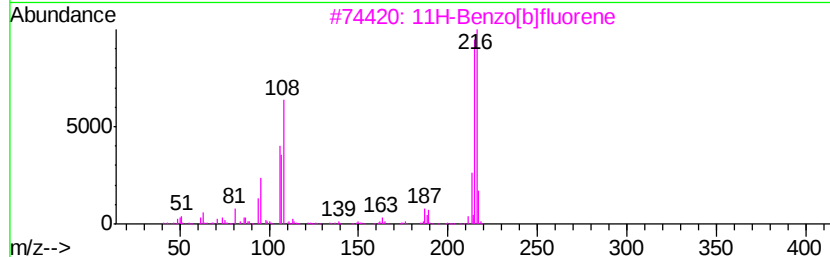
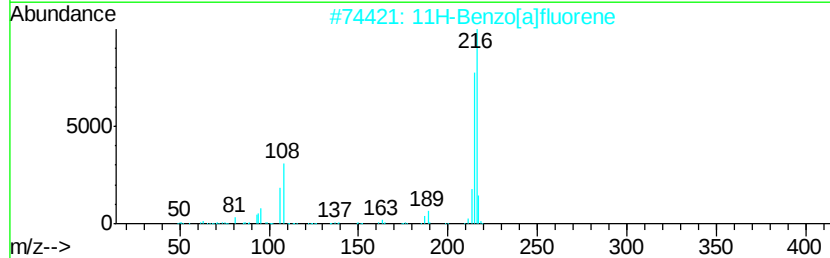
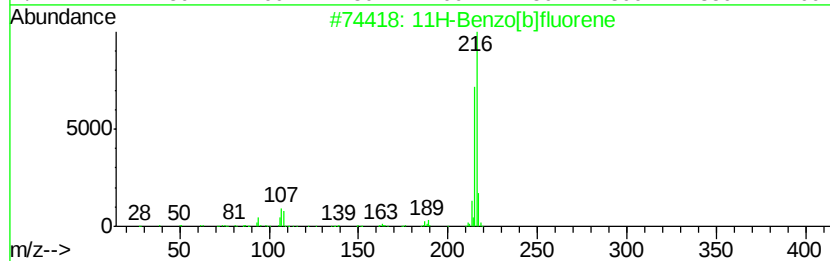
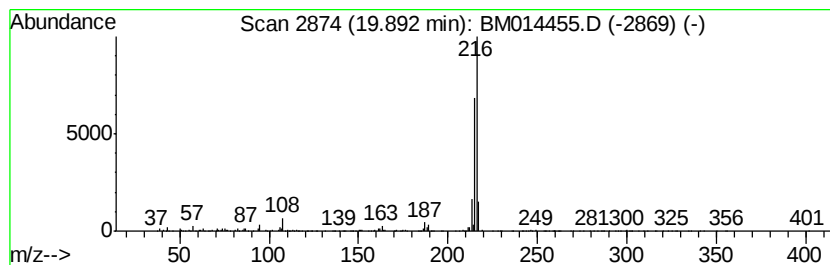
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 11H-Benzo[b]fluorene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	3.45 ng/ul	2774650	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90



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Data File : BM014455.D
Acq On : 02 Mar 2018 11:07
Operator : SJ/JU
Sample : J1646-12RE
Misc :
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Instrument :
BNA_M
ClientSampleId :
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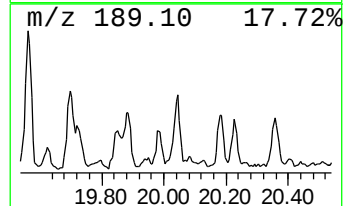
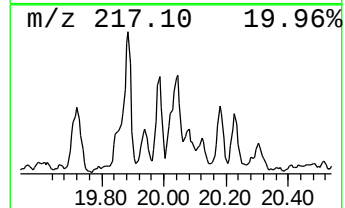
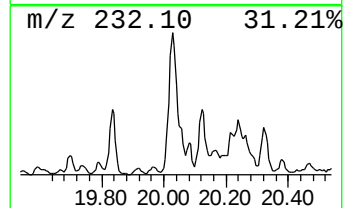
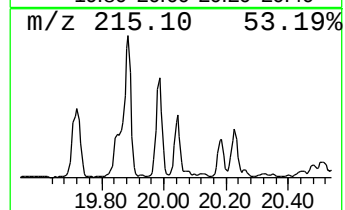
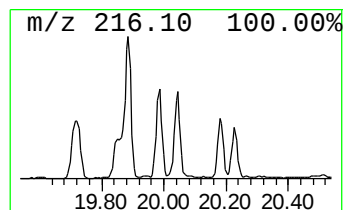
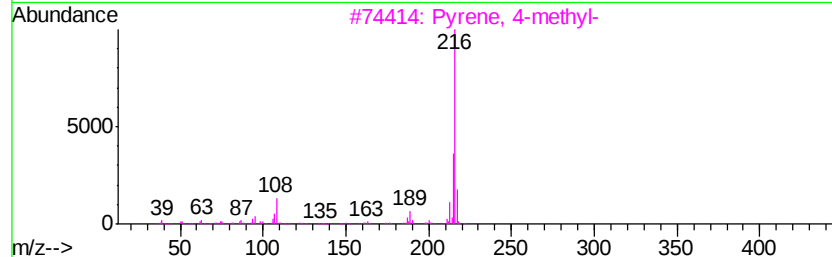
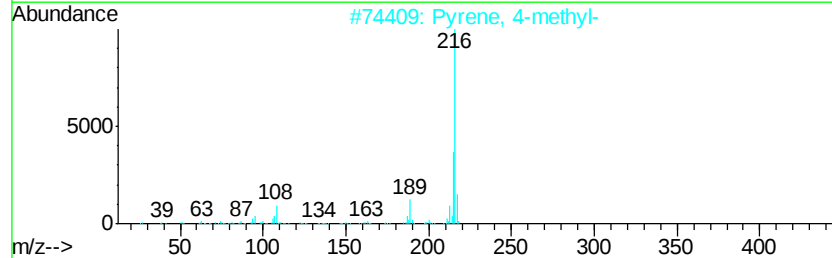
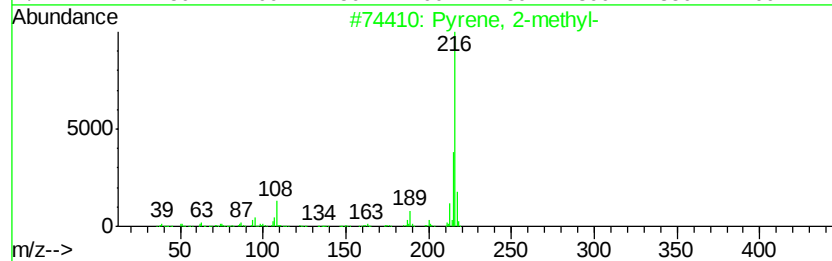
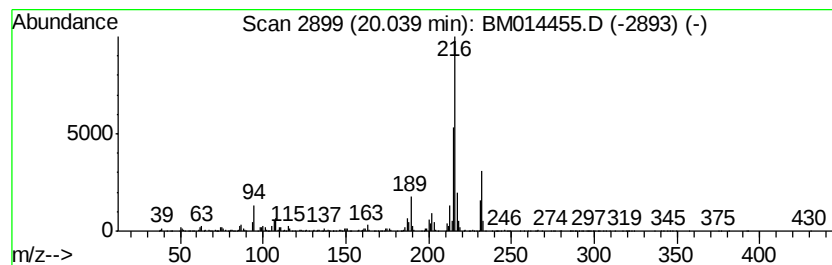
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Pyrene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	3.23 ng/ul	2596450	Chrysene-d12	21.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	76
3			Pyrene, 4-methyl-	216	C17H12	003353-12-6	76
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	70



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014455.D
Acq On : 02 Mar 2018 11:07
Operator : SJ/JU
Sample : J1646-12RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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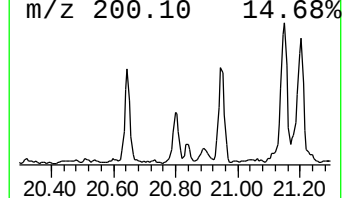
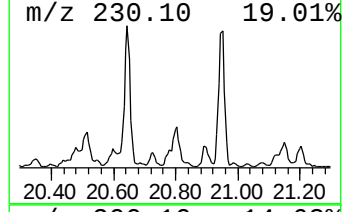
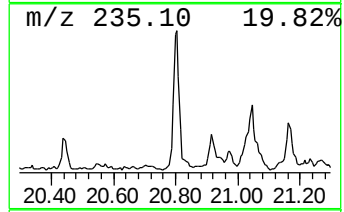
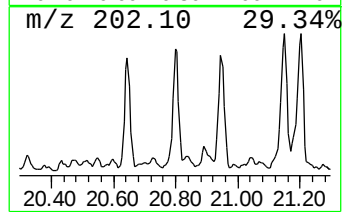
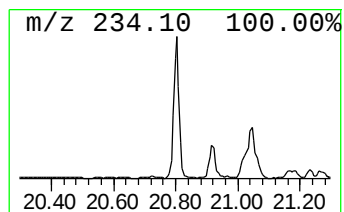
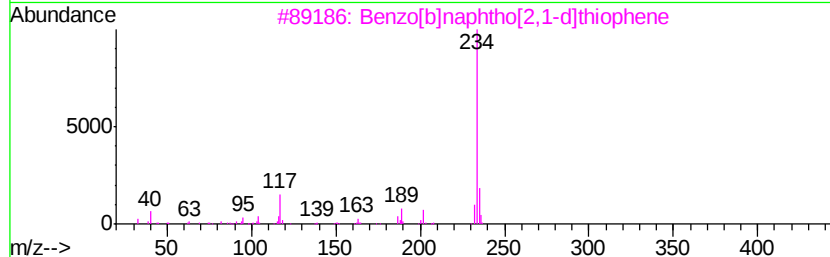
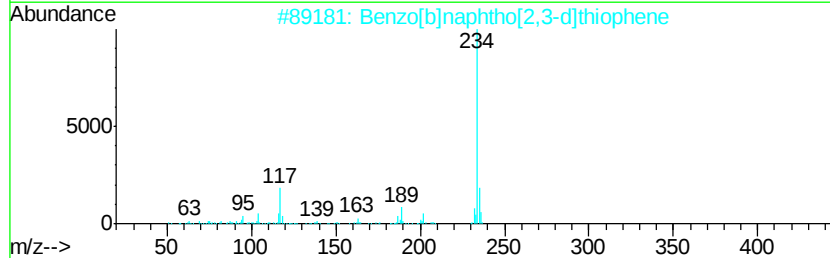
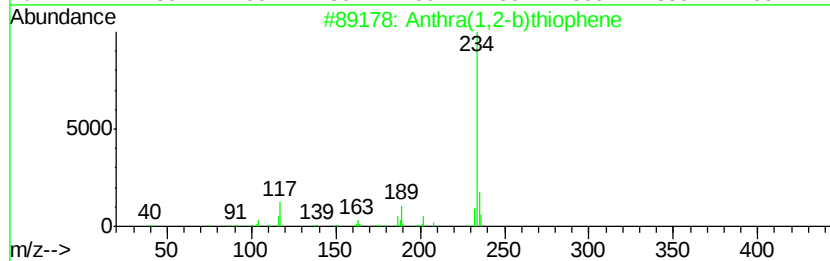
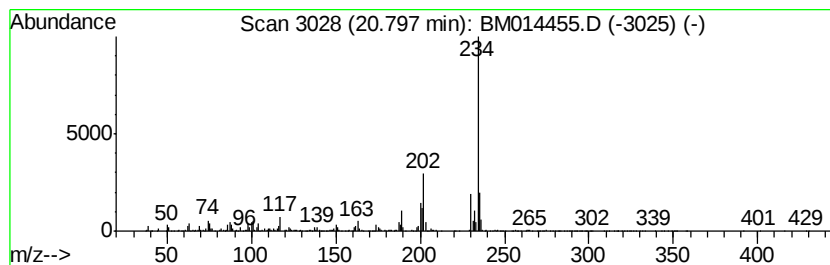
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Anthra(1,2-b)thiophene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.14 ng/ul	1725100	Chrysene-d12	21.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	86
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
4			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	70
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	68



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014455.D
Acq On : 02 Mar 2018 11:07
Operator : SJ/JU
Sample : J1646-12RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

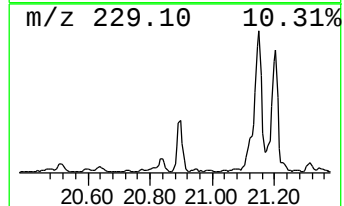
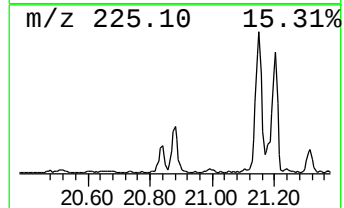
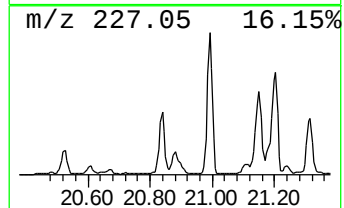
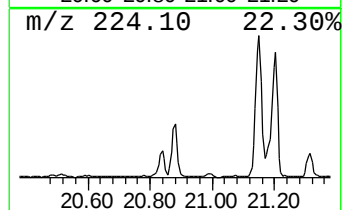
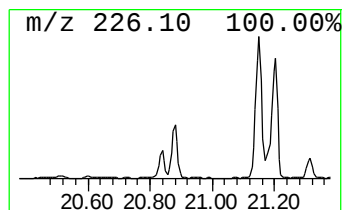
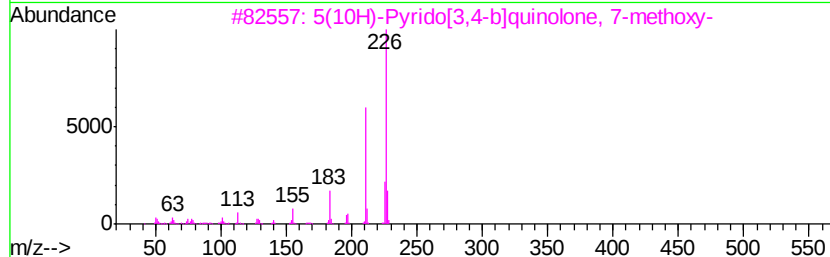
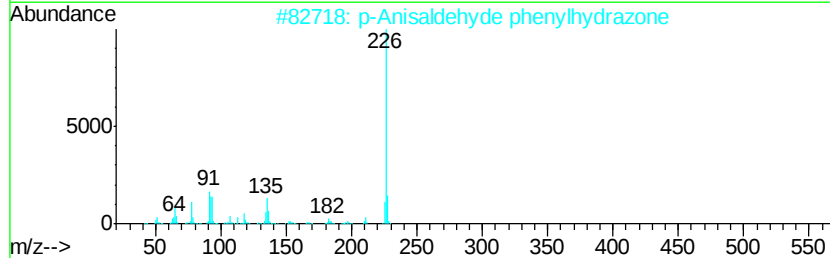
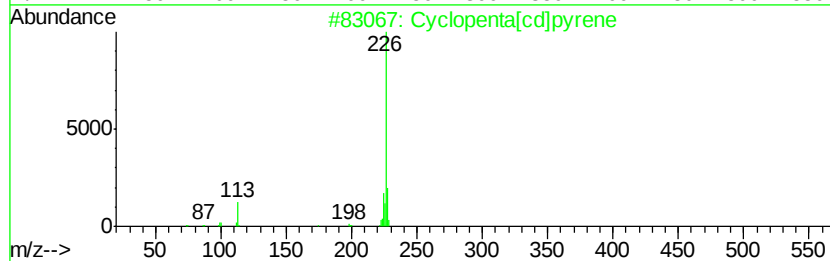
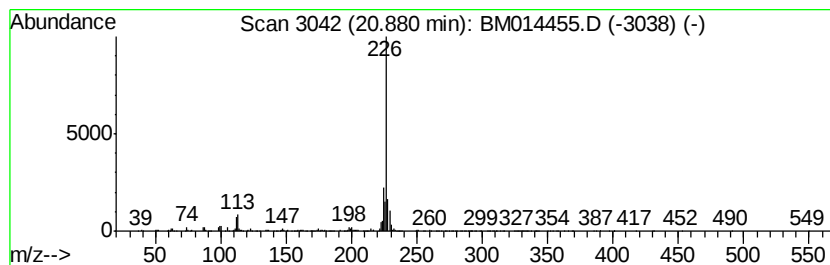
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Cyclopenta[cd]pyrene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	2.80 ng/ul	2254590	Chrysene-d12	21.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 64
2		p-Anisaldehyde phenylhydrazone	226 C14H14N2O	000622-73-1 52
3		5(10H)-Pyrido[3,4-b]quinolone, 7...	226 C13H10N2O2	1000256-99-5 52
4		.beta.-Carboline, 7-methoxy-1,2-...	226 C14H14N2O	006519-18-2 52
5		Benzo[ghi]fluoranthene	226 C18H10	000203-12-3 50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014455.D
Acq On : 02 Mar 2018 11:07
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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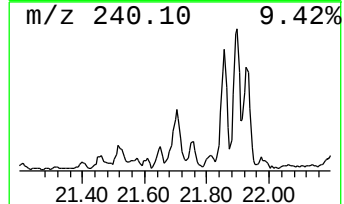
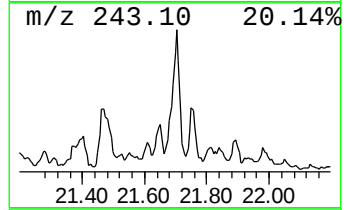
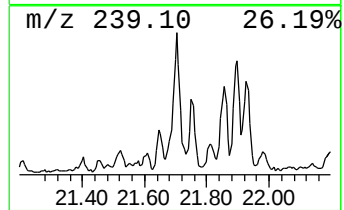
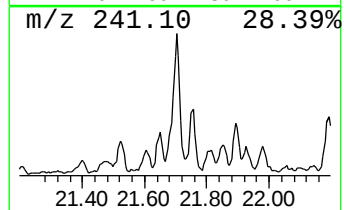
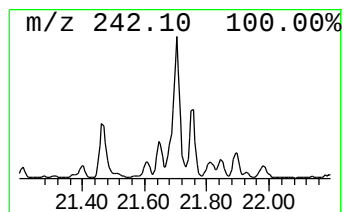
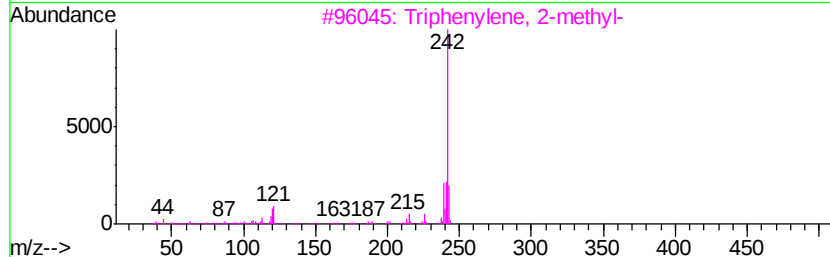
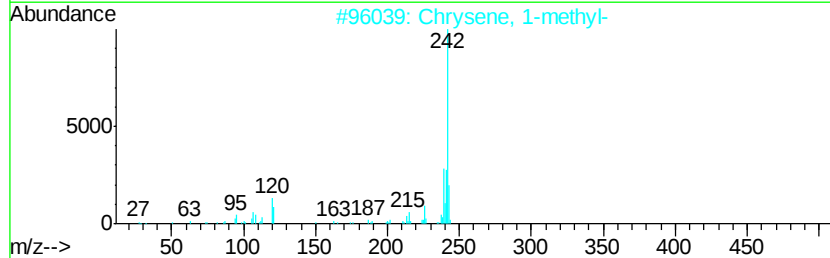
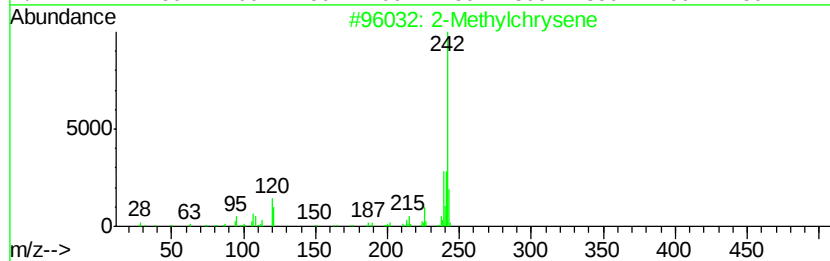
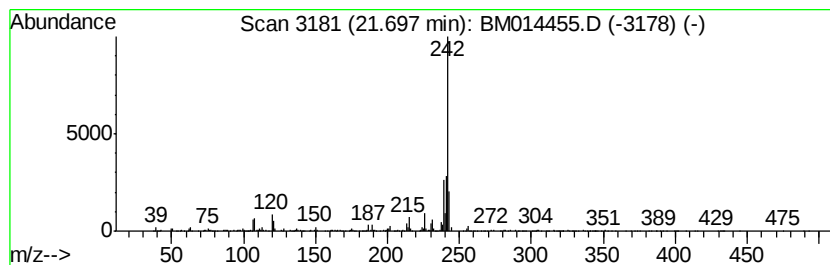
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 2-Methylchrysene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	2.45 ng/ul	1973600	Chrysene-d12	21.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylchrysene	242	C19H14	003351-32-4	93
2			Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4			Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89
5			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM030218\
 Data File : BM014455.D
 Acq On : 02 Mar 2018 11:07
 Operator : SJ/JU
 Sample : J1646-12RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,3-...	13.49	4.1	ng/ul	355967	3	14.17	1745920	20.0
[1,1'-Biphenyl]-4...	15.53	6.7	ng/ul	580258	3	14.17	1745920	20.0
9H-Fluoren-9-ol	15.68	8.2	ng/ul	819619	4	16.94	1989560	20.0
unknown-01	15.92	3.4	ng/ul	339883	4	16.94	1989560	20.0
9H-Fluorene, 2-me...	16.24	7.6	ng/ul	752385	4	16.94	1989560	20.0
9H-Fluoren-9-one	16.60	5.3	ng/ul	531978	4	16.94	1989560	20.0
Benzenamine, 4-[(...	16.67	4.3	ng/ul	432381	4	16.94	1989560	20.0
Dibenzothiophene	16.76	8.5	ng/ul	843721	4	16.94	1989560	20.0
Acridine	17.14	3.1	ng/ul	308653	4	16.94	1989560	20.0
Cyclobuta[1'',2''...	17.46	3.8	ng/ul	373251	4	16.94	1989560	20.0
4-Methylnaphtho[1...	17.53	4.7	ng/ul	468397	4	16.94	1989560	20.0
Phenanthrene, 2-m...	17.86	33.7	ng/ul	3353540	4	16.94	1989560	20.0
4H-Cyclopenta[def...	18.01	35.1	ng/ul	3490910	4	16.94	1989560	20.0
9H-Carbazole, 2-m...	18.13	4.0	ng/ul	400084	4	16.94	1989560	20.0
Naphthalene, 2-ph...	18.32	15.0	ng/ul	1488200	4	16.94	1989560	20.0
9,10-Anthracenedione	18.39	10.1	ng/ul	1000940	4	16.94	1989560	20.0
Phenanthrene, 4,5...	18.57	4.0	ng/ul	398595	4	16.94	1989560	20.0
di-p-Tolylacetylene	18.66	4.1	ng/ul	407663	4	16.94	1989560	20.0
Phenanthrene, 1,7...	18.74	13.0	ng/ul	1291750	4	16.94	1989560	20.0
5H-Dibenzo[a,d]cy...	18.81	8.5	ng/ul	846941	4	16.94	1989560	20.0
Phenanthrene, 3,6...	18.84	3.3	ng/ul	323446	4	16.94	1989560	20.0
Cyclopenta(def)ph...	18.90	14.9	ng/ul	1479350	4	16.94	1989560	20.0
11H-Benzo[b]fluorene	19.89	3.5	ng/ul	2774650	5	21.16	16092400	20.0
Pyrene, 2-methyl-	20.04	3.2	ng/ul	2596450	5	21.16	16092400	20.0
Anthra(1,2-b)thio...	20.80	2.1	ng/ul	1725100	5	21.16	16092400	20.0
Cyclopenta[cd]pyrene	20.88	2.8	ng/ul	2254590	5	21.16	16092400	20.0
2-Methylchrysene	21.70	2.5	ng/ul	1973600	5	21.16	16092400	20.0