

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013993.D
 Acq On : 30 Jan 2018 12:34
 Operator : SJ/JU
 Sample : J1244-10ME 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B51ME

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-BM011018.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	6.769	638	643	650	rBV5	31223	75865	3.51%	0.361%
2	6.922	663	669	674	rBV3	33058	56202	2.60%	0.267%
3	7.110	695	701	712	rVB5	49349	96295	4.45%	0.458%
4	7.569	773	779	793	rBV2	300043	537666	24.85%	2.556%
5	8.298	896	903	914	rBV5	44715	112227	5.19%	0.533%
6	8.739	972	978	988	rBV2	43438	101630	4.70%	0.483%
7	9.451	1094	1099	1108	rBV4	38622	77709	3.59%	0.369%
8	10.004	1185	1193	1204	rBV6	35748	110179	5.09%	0.524%
9	10.339	1243	1250	1255	rBV	426882	743990	34.38%	3.536%
10	10.392	1255	1259	1273	rVB	323217	573962	26.52%	2.728%
11	10.516	1275	1280	1289	rBV8	45933	106420	4.92%	0.506%
12	12.016	1528	1535	1548	rBV	326850	597534	27.61%	2.840%
13	12.239	1566	1573	1582	rBV	145757	280556	12.97%	1.334%
14	13.051	1705	1711	1723	rBV3	75914	144728	6.69%	0.688%
15	13.245	1739	1744	1755	rVB3	31069	65830	3.04%	0.313%
16	13.386	1762	1768	1769	rBV3	39880	60011	2.77%	0.285%
17	13.539	1788	1794	1799	rBV4	60539	119357	5.52%	0.567%
18	13.598	1799	1804	1807	rVV2	39898	64359	2.97%	0.306%
19	13.645	1807	1812	1820	rVB	143407	219039	10.12%	1.041%
20	13.780	1829	1835	1839	rBV3	23741	43797	2.02%	0.208%
21	13.916	1852	1858	1870	rVB	167221	290475	13.42%	1.381%
22	14.221	1902	1910	1916	rBV2	683644	1109064	51.25%	5.272%
23	14.286	1916	1921	1933	rVB	508524	764022	35.31%	3.632%
24	14.539	1954	1964	1967	rBV5	28642	66554	3.08%	0.316%
25	14.627	1973	1979	1987	rBV	294100	469260	21.69%	2.231%
26	14.716	1989	1994	1997	rVB4	12856	22019	1.02%	0.105%
27	14.845	2011	2016	2022	rVB8	14099	22997	1.06%	0.109%
28	15.221	2076	2080	2085	rBV	242596	329213	15.21%	1.565%
29	15.280	2085	2090	2102	rVB	394171	632628	29.24%	3.007%
30	15.386	2102	2108	2109	rBV4	38896	53997	2.50%	0.257%
31	15.398	2109	2110	2114	rVV4	39090	45085	2.08%	0.214%
32	15.439	2114	2117	2123	rVB	50339	75853	3.51%	0.361%
33	15.533	2130	2133	2136	rBV3	20003	24407	1.13%	0.116%
34	15.580	2136	2141	2151	rVB	59574	97515	4.51%	0.464%

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35	15.727	2162	2166	2173	rVB	56136	114956	5.31%	0.546%
36	15.951	2199	2204	2212	rBV6	15066	34616	1.60%	0.165%
37	16.074	2219	2225	2232	rVB4	20923	36796	1.70%	0.175%
38	16.292	2255	2262	2266	rBV5	36209	65978	3.05%	0.314%
39	16.715	2329	2334	2335	rBV4	18754	28945	1.34%	0.138%
40	16.798	2344	2348	2354	rVB	90838	124314	5.74%	0.591%
41	16.974	2372	2378	2382	rBV2	931061	1361121	62.90%	6.470%
42	17.021	2382	2386	2391	rVV	1520471	2163892	100.00%	10.286%
43	17.080	2391	2396	2399	rVV2	241020	397449	18.37%	1.889%
44	17.115	2399	2402	2411	rVB2	149440	237028	10.95%	1.127%
45	17.404	2445	2451	2460	rBV4	29992	73466	3.40%	0.349%
46	17.504	2460	2468	2471	rBV4	18599	32547	1.50%	0.155%
47	17.857	2522	2528	2532	rBV	84633	128134	5.92%	0.609%
48	17.904	2532	2536	2545	rVV3	108721	182791	8.45%	0.869%
49	17.992	2547	2551	2556	rVV2	31208	49131	2.27%	0.234%
50	18.051	2556	2561	2565	rVV2	174760	284015	13.13%	1.350%
51	18.086	2565	2567	2573	rVB3	45789	66601	3.08%	0.317%
52	18.368	2610	2615	2621	rBV2	63438	101463	4.69%	0.482%
53	18.786	2679	2686	2689	rBV5	23709	41515	1.92%	0.197%
54	19.045	2724	2730	2739	rBV	903716	1238910	57.25%	5.889%
55	19.286	2768	2771	2776	rVB2	21028	26377	1.22%	0.125%
56	19.380	2782	2787	2789	rBV2	484447	653760	30.21%	3.107%
57	19.409	2789	2792	2802	rVV	599709	849444	39.26%	4.038%
58	19.492	2802	2806	2812	rVB6	29216	48966	2.26%	0.233%
59	19.603	2821	2825	2830	rVB2	30754	46160	2.13%	0.219%
60	19.739	2844	2848	2849	rBV3	22836	24847	1.15%	0.118%
61	19.915	2874	2878	2886	rVB2	78049	124483	5.75%	0.592%
62	20.015	2891	2895	2900	rBV	95056	130203	6.02%	0.619%
63	20.074	2901	2905	2908	rVV6	23462	42559	1.97%	0.202%
64	20.874	3037	3041	3044	rBV5	27058	36255	1.68%	0.172%
65	21.180	3087	3093	3098	rBV2	1394549	1934188	89.38%	9.194%
66	23.227	3436	3441	3453	rVB2	270287	589343	27.24%	2.801%
67	23.362	3458	3464	3471	rBV	823067	1577480	72.90%	7.498%

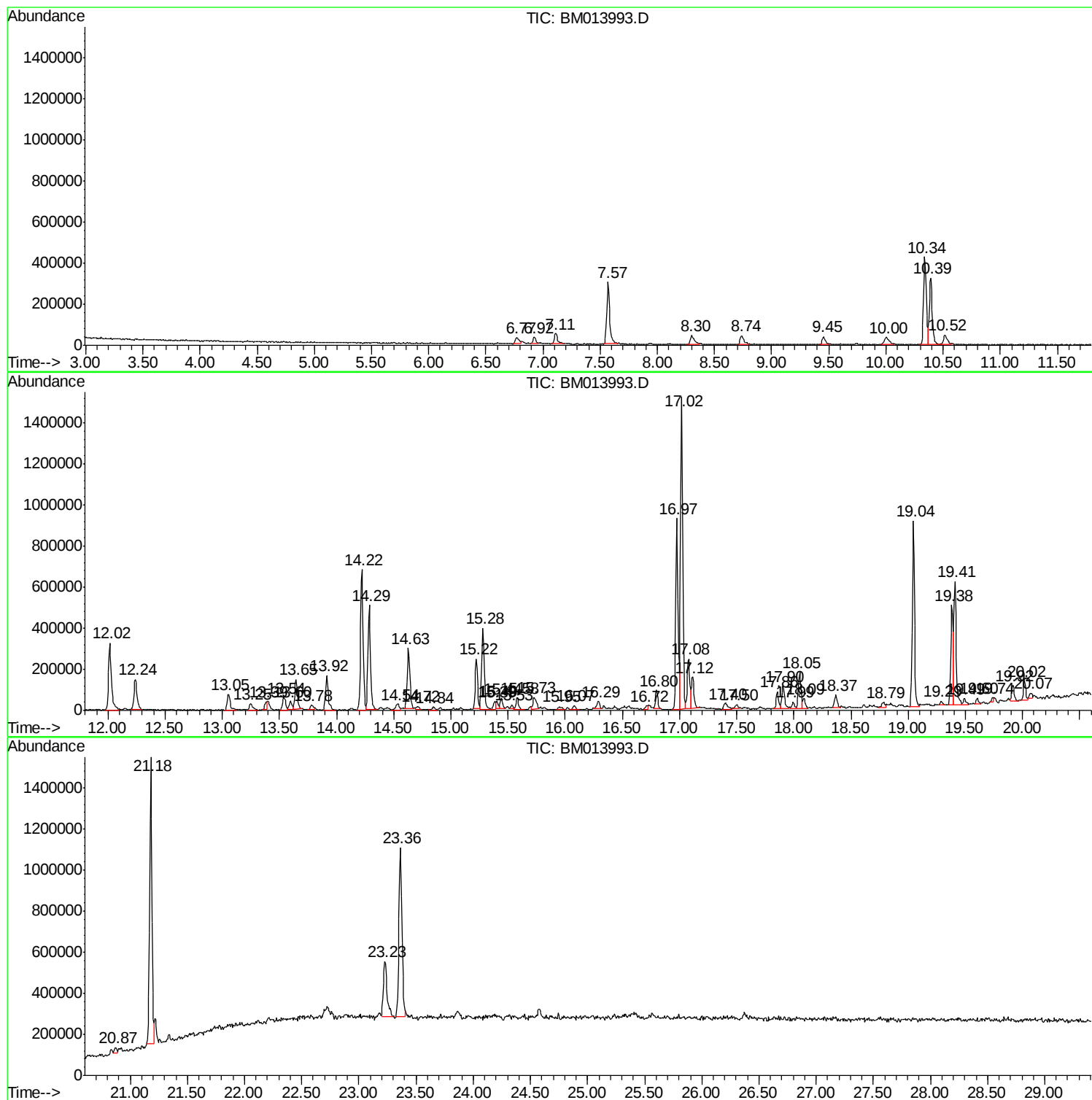
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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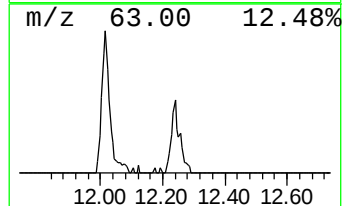
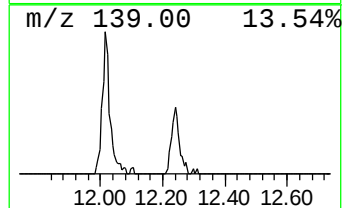
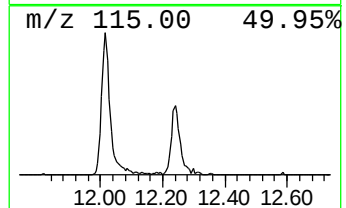
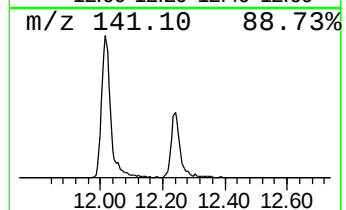
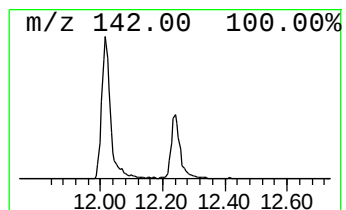
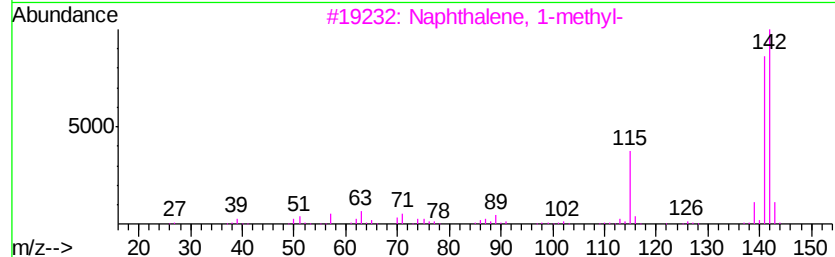
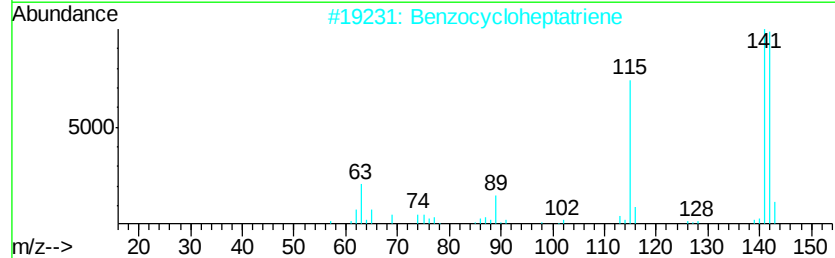
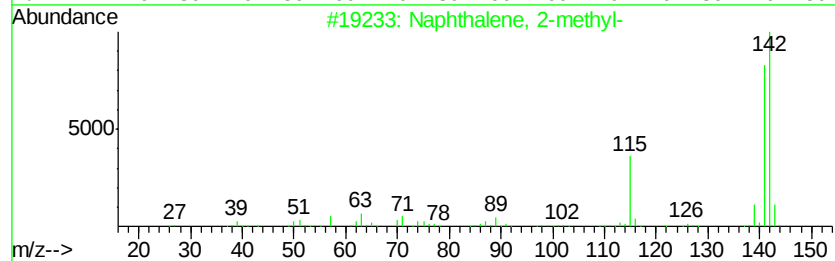
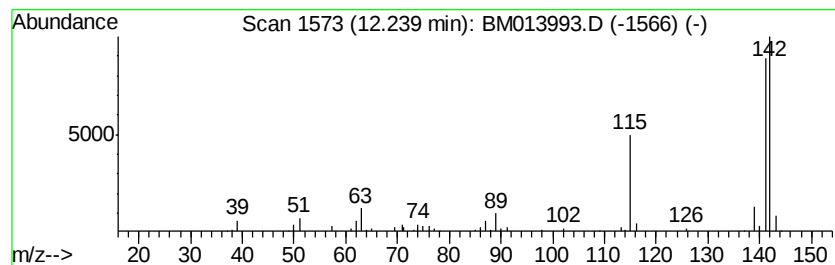
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.24	7.54 ng/ul	280556	Naphthalene-d8	10.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2		Benzocycloheptatriene	142	C11H10	000264-09-5	94
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91



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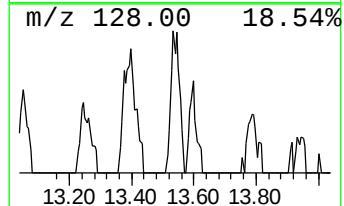
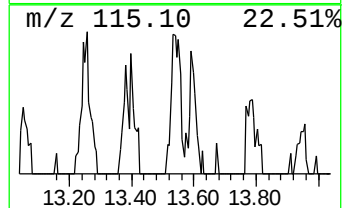
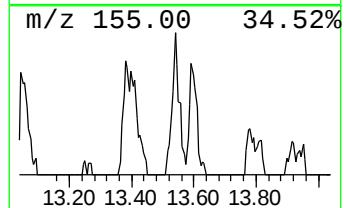
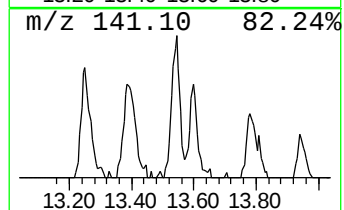
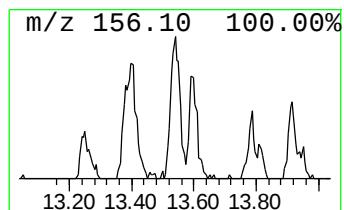
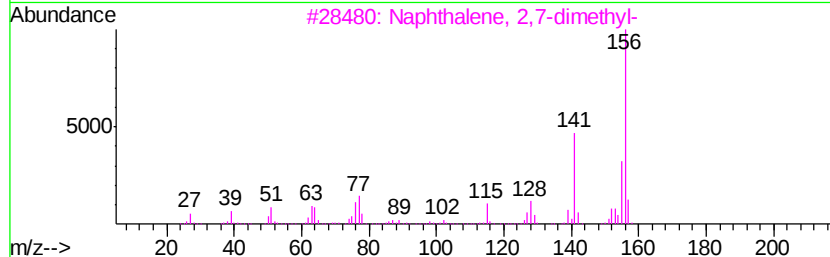
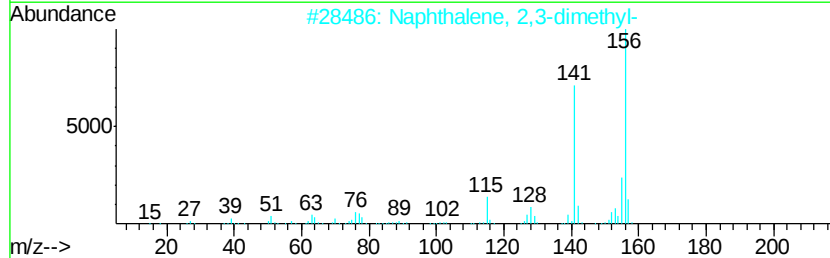
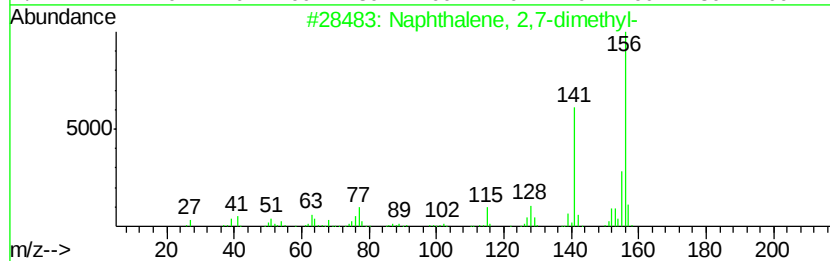
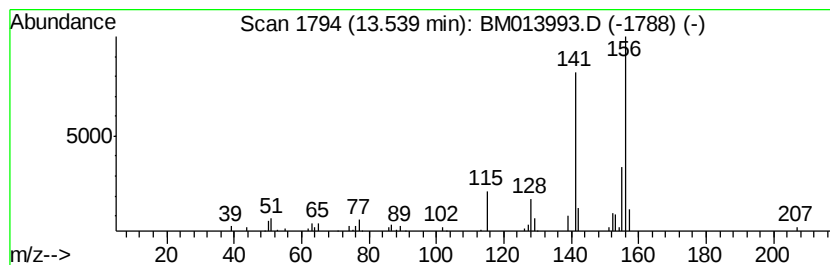
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.15 ng/ul	119357	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 95
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 94
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 94
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 94
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 94



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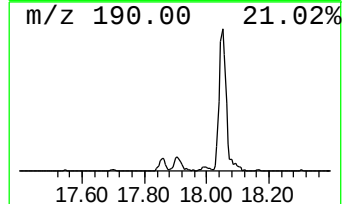
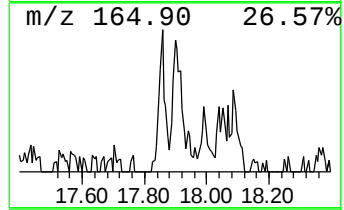
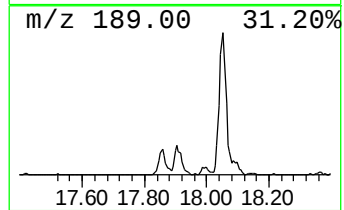
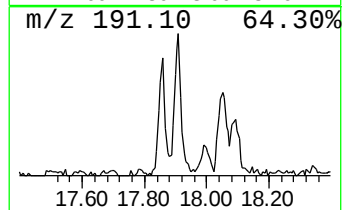
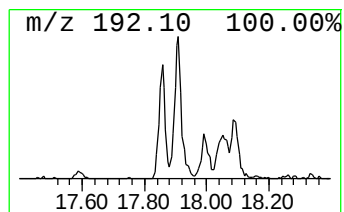
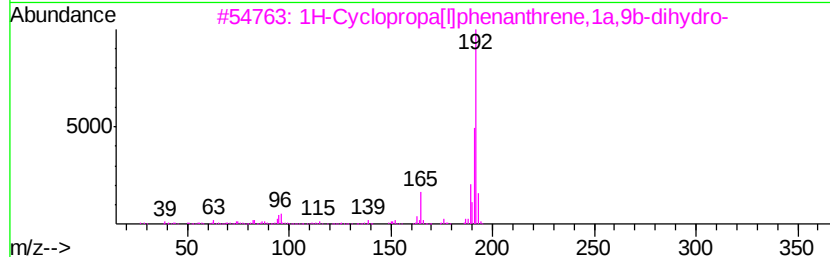
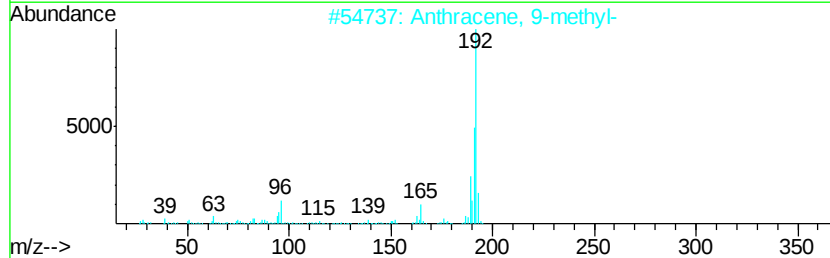
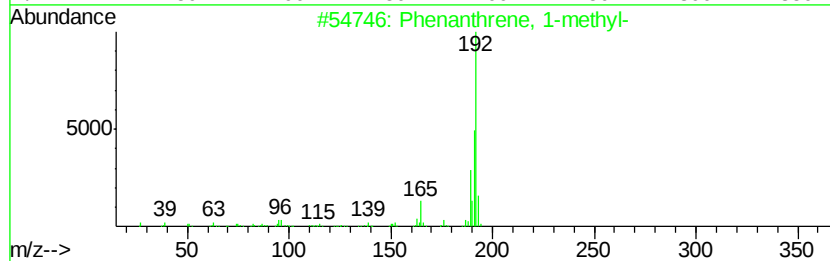
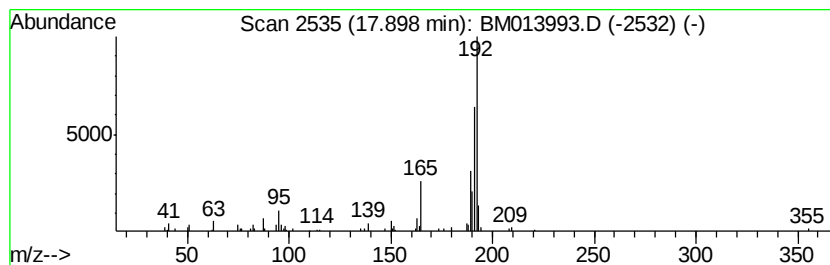
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	2.69 ng/ul	182791	Phenanthrene-d10	16.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



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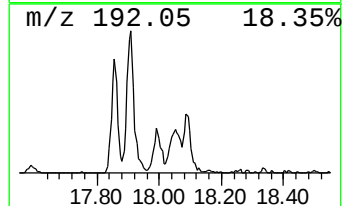
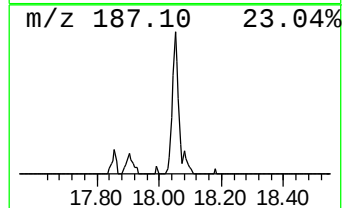
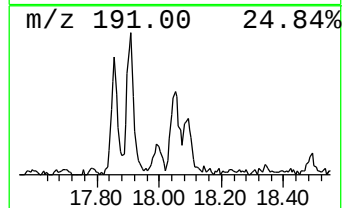
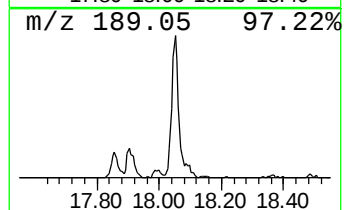
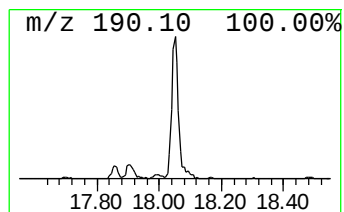
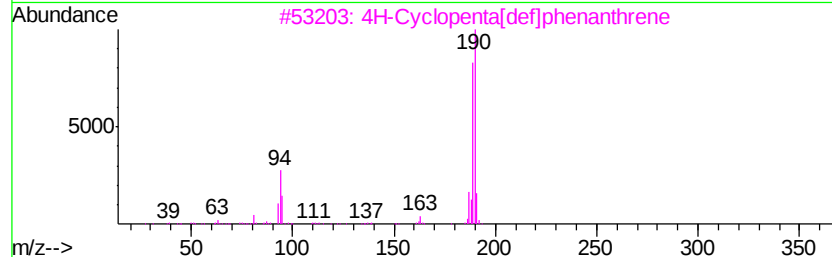
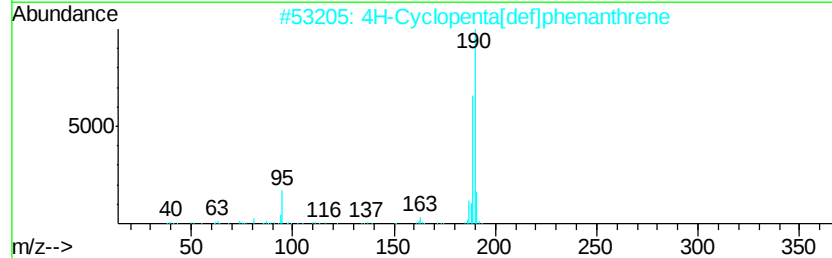
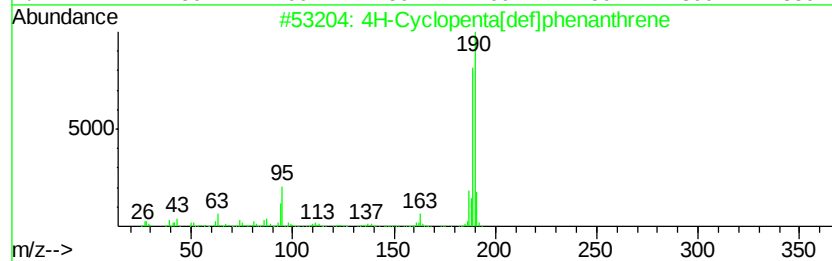
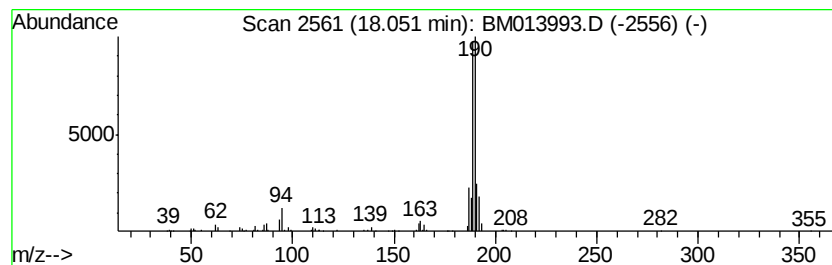
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	4.17 ng/ul	284015	Phenanthrene-d10	16.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	64
5		1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	42



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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-me...	12.24	7.5	ng/ul	280556	2	10.34	743990	20.0
Naphthalene, 2,7-...	13.54	2.1	ng/ul	119357	3	14.22	1109060	20.0
Phenanthrene, 1-m...	17.90	2.7	ng/ul	182791	4	16.97	1361120	20.0
4H-Cyclopenta[def...	18.05	4.2	ng/ul	284015	4	16.97	1361120	20.0