

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
 Data File : BM014827.D
 Acq On : 25 Apr 2018 01:41
 Operator : SJ/JU
 Sample : J2431-05DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASN6DL

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-BM041918.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	7.640	735	740	750	rVB2	143940	279873	3.14%	0.265%
2	7.822	765	771	779	rBV	434101	692060	7.76%	0.655%
3	8.040	795	808	816	rBV	456426	774152	8.68%	0.733%
4	8.522	881	890	906	rVB	1977081	3282163	36.79%	3.108%
5	8.651	906	912	918	rBV2	68448	113436	1.27%	0.107%
6	9.163	991	999	1003	rBV2	138235	233863	2.62%	0.221%
7	9.216	1003	1008	1017	rVB	364141	589218	6.60%	0.558%
8	9.334	1022	1028	1032	rBV	59832	94263	1.06%	0.089%
9	9.481	1048	1053	1058	rBV	83445	134834	1.51%	0.128%
10	9.534	1058	1062	1069	rVB	115552	179781	2.01%	0.170%
11	9.634	1073	1079	1085	rBV	234703	381643	4.28%	0.361%
12	9.704	1085	1091	1100	rVB	525070	915987	10.27%	0.867%
13	9.887	1113	1122	1128	rBV3	102670	230035	2.58%	0.218%
14	9.975	1132	1137	1141	rBV	59316	92670	1.04%	0.088%
15	10.169	1165	1170	1175	rVB	216651	339298	3.80%	0.321%
16	10.228	1175	1180	1186	rVB	283933	440481	4.94%	0.417%
17	10.428	1206	1214	1219	rBV2	558054	1073702	12.03%	1.017%
18	10.463	1219	1220	1226	rVV	184393	228769	2.56%	0.217%
19	10.539	1226	1233	1239	rVV2	231919	455972	5.11%	0.432%
20	10.616	1239	1246	1252	rVV2	100158	253361	2.84%	0.240%
21	10.692	1252	1259	1261	rVV	78906	128909	1.44%	0.122%
22	10.751	1265	1269	1274	rVV2	227108	388329	4.35%	0.368%
23	10.810	1274	1279	1286	rVB2	260545	452562	5.07%	0.429%
24	10.898	1286	1294	1296	rBV	137043	227309	2.55%	0.215%
25	10.928	1296	1299	1302	rVV2	172058	273545	3.07%	0.259%
26	10.969	1302	1306	1314	rVV	603071	1077012	12.07%	1.020%
27	11.045	1314	1319	1325	rVB	216389	365165	4.09%	0.346%
28	11.222	1343	1349	1354	rBV2	100892	199597	2.24%	0.189%
29	11.369	1360	1374	1380	rBV	2809248	5249769	58.84%	4.971%
30	11.416	1380	1382	1387	rVV	242660	314755	3.53%	0.298%
31	11.475	1387	1392	1399	rVB4	36902	96257	1.08%	0.091%
32	11.563	1399	1407	1412	rVB2	72392	125272	1.40%	0.119%
33	12.716	1598	1603	1611	rVB	79745	135947	1.52%	0.129%
34	12.986	1644	1649	1659	rVB	414663	641770	7.19%	0.608%

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35	13.204	1677	1686	1694	rBV	395557	679041	7.61%	0.643%
36	13.969	1810	1816	1822	rVB	235121	350383	3.93%	0.332%
37	14.163	1844	1849	1858	rVB	163475	303824	3.41%	0.288%
38	14.292	1862	1871	1880	rBV	255727	666787	7.47%	0.631%
39	14.445	1889	1897	1903	rBV	473968	878788	9.85%	0.832%
40	14.510	1903	1908	1913	rVV	1367227	2096330	23.49%	1.985%
41	14.557	1913	1916	1923	rVB	101427	151893	1.70%	0.144%
42	14.680	1932	1937	1941	rBV	168154	270604	3.03%	0.256%
43	14.716	1941	1943	1948	rVB2	93568	114331	1.28%	0.108%
44	14.821	1954	1961	1973	rBV	1266837	2185469	24.49%	2.070%
45	15.080	2000	2005	2007	rBV	99732	135319	1.52%	0.128%
46	15.127	2007	2013	2018	rVV2	4000280	6268179	70.25%	5.936%
47	15.186	2018	2023	2030	rVB	3748395	5595275	62.71%	5.299%
48	15.280	2030	2039	2048	rBV5	78514	188130	2.11%	0.178%
49	15.427	2054	2064	2072	rBV	168179	309897	3.47%	0.293%
50	15.516	2072	2079	2086	rVV	2592809	3762279	42.17%	3.563%
51	15.721	2106	2114	2119	rBV3	65117	120839	1.35%	0.114%
52	15.916	2144	2147	2152	rVB3	68956	107543	1.21%	0.102%
53	16.098	2168	2178	2183	rBV2	1819192	2986974	33.48%	2.829%
54	16.157	2183	2188	2193	rVV	3934798	5626668	63.06%	5.328%
55	16.198	2193	2195	2200	rVV	359136	437491	4.90%	0.414%
56	16.245	2200	2203	2205	rVV	94575	118184	1.32%	0.112%
57	16.280	2205	2209	2211	rVV	143583	223113	2.50%	0.211%
58	16.316	2211	2215	2220	rVB3	213044	349622	3.92%	0.331%
59	16.404	2226	2230	2233	rBV	139793	211318	2.37%	0.200%
60	16.439	2233	2236	2243	rVB	339777	466657	5.23%	0.442%
61	16.586	2255	2261	2269	rVB	328001	675647	7.57%	0.640%
62	16.821	2294	2301	2307	rVB3	263057	492065	5.51%	0.466%
63	16.933	2315	2320	2328	rVB	192431	285623	3.20%	0.270%
64	17.139	2344	2355	2360	rBV	160725	340049	3.81%	0.322%
65	17.292	2377	2381	2385	rVB	75642	104665	1.17%	0.099%
66	17.551	2420	2425	2431	rBV3	51714	96121	1.08%	0.091%
67	17.657	2431	2443	2452	rVB	551364	864108	9.68%	0.818%
68	17.839	2467	2474	2477	rBV	4983996	7372305	82.63%	6.981%
69	17.880	2477	2481	2486	rVV	4438364	6184633	69.31%	5.857%
70	17.933	2486	2490	2494	rVV	1843392	2694607	30.20%	2.552%
71	17.968	2494	2496	2501	rVV	317555	386741	4.33%	0.366%

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72	18.021	2501	2505	2511	rVB	74912	115535	1.29%	0.109%
73	18.227	2535	2540	2544	rVB	118739	158574	1.78%	0.150%
74	18.657	2604	2613	2616	rBV4	145541	222371	2.49%	0.211%
75	18.692	2616	2619	2623	rVV	115193	161581	1.81%	0.153%
76	18.745	2623	2628	2633	rVB2	179994	273373	3.06%	0.259%
77	18.892	2646	2653	2661	rBV2	510314	874857	9.81%	0.828%
78	19.168	2696	2700	2704	rBV	82256	110027	1.23%	0.104%
79	19.215	2704	2708	2714	rVB2	70443	101578	1.14%	0.096%
80	19.839	2809	2814	2820	rVB	1330289	1771659	19.86%	1.678%
81	19.898	2820	2824	2827	rBV	178734	229728	2.57%	0.218%
82	19.933	2827	2830	2836	rVB	113435	150019	1.68%	0.142%
83	20.056	2847	2851	2859	rVB4	121752	244879	2.74%	0.232%
84	20.168	2864	2870	2874	rBV	2384968	3603619	40.39%	3.413%
85	21.574	3106	3109	3117	rBV6	167434	269589	3.02%	0.255%
86	21.921	3162	3168	3175	rBV	6563133	8922531	100.00%	8.449%
87	23.574	3446	3449	3456	rVB	335909	489441	5.49%	0.463%
88	24.244	3554	3563	3576	rVB3	1512154	3934349	44.09%	3.726%
89	24.409	3584	3591	3604	rVB2	4030144	8590526	96.28%	8.135%
90	24.950	3679	3683	3694	rVB	409840	810922	9.09%	0.768%

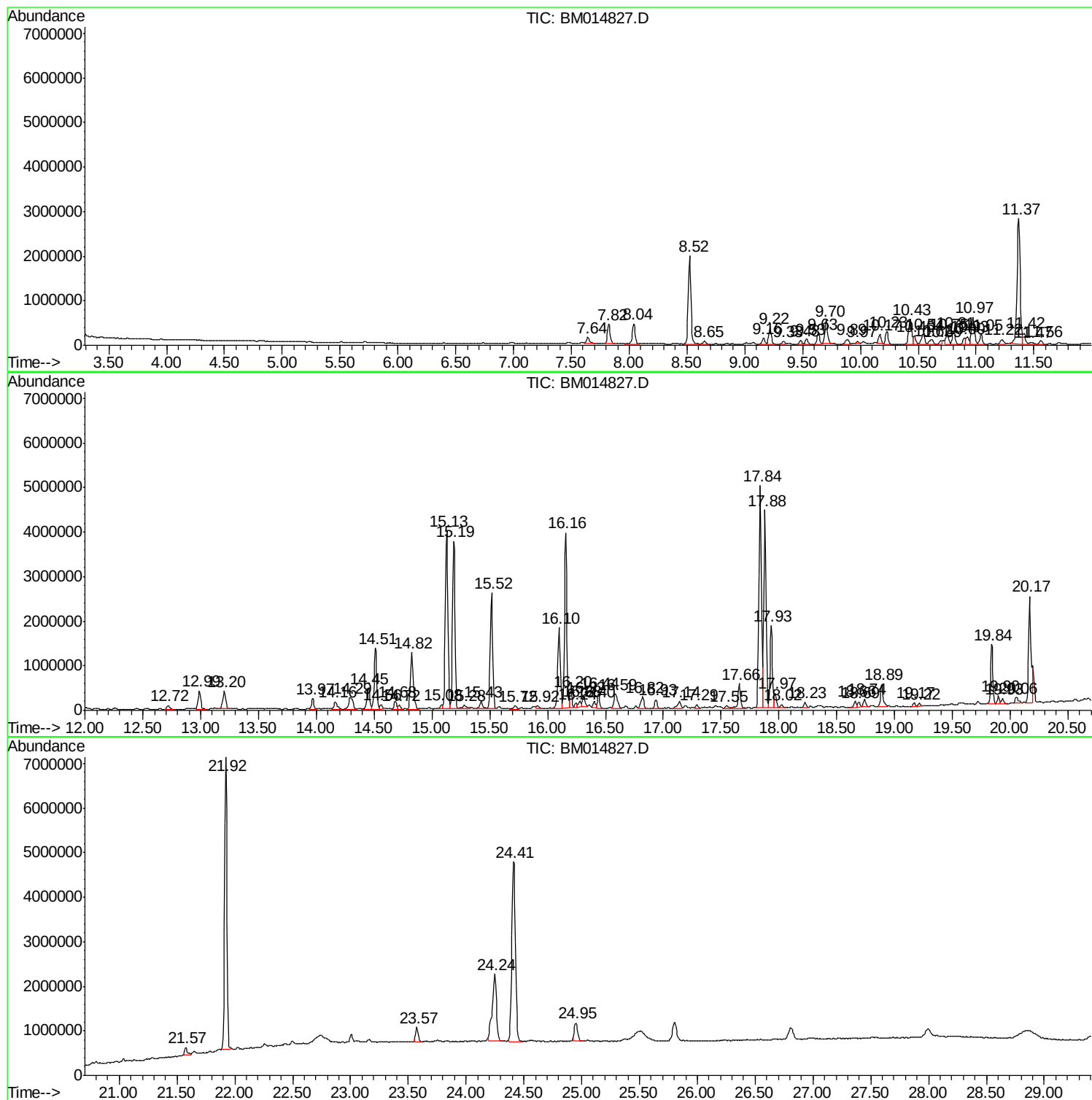
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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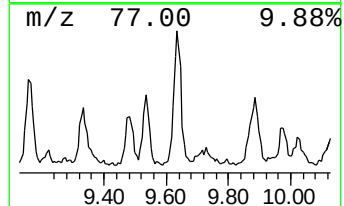
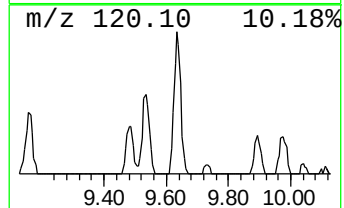
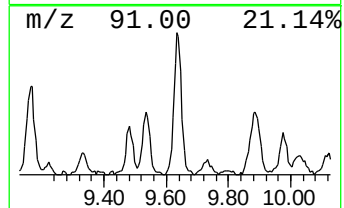
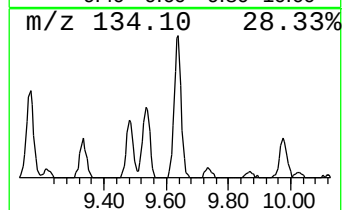
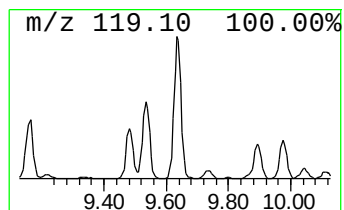
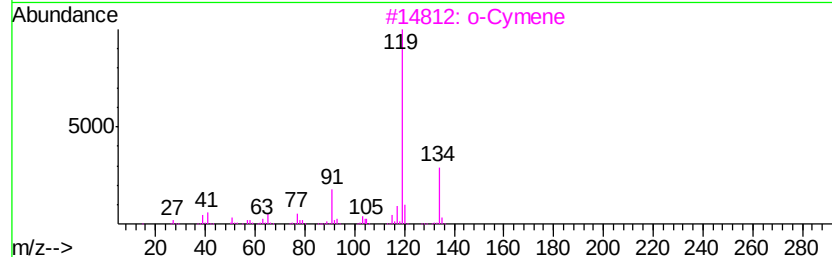
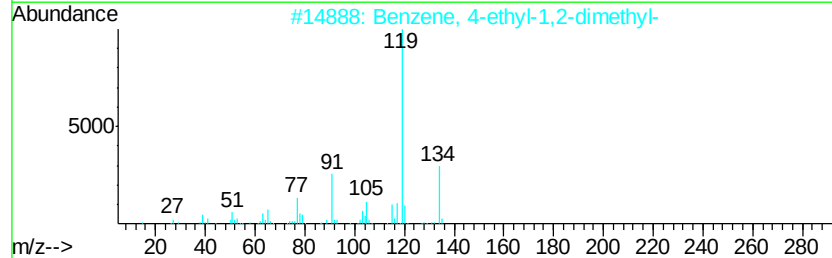
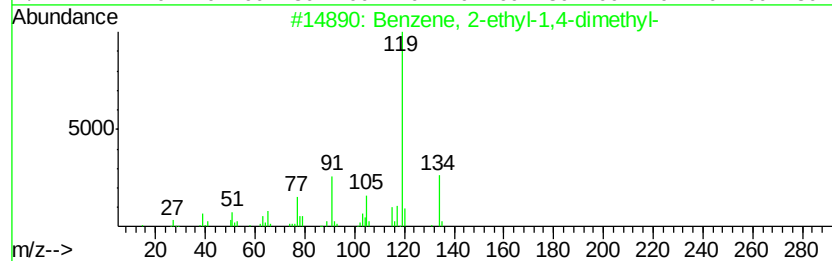
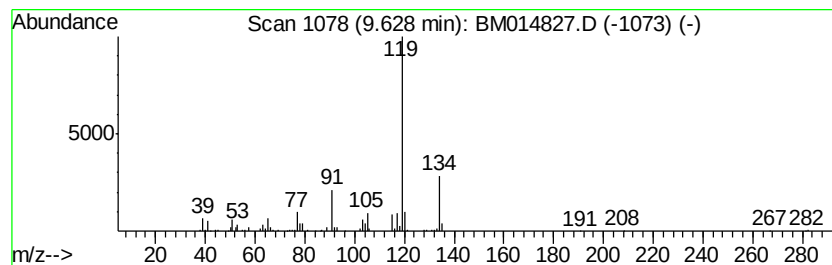
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	2.33 ng/ul	381643	1,4-Dichlorobenzene-d4	8.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5		p-Cymene	134	C10H14	000099-87-6	95



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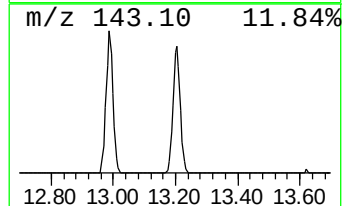
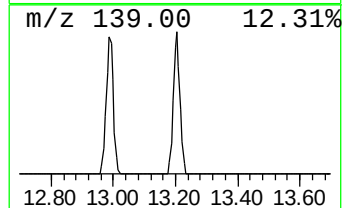
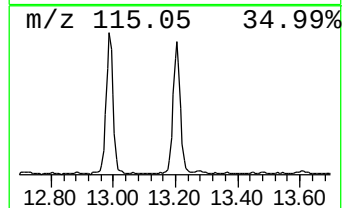
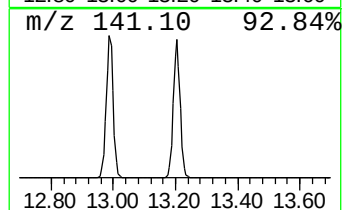
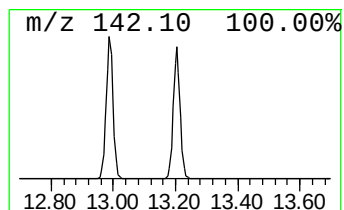
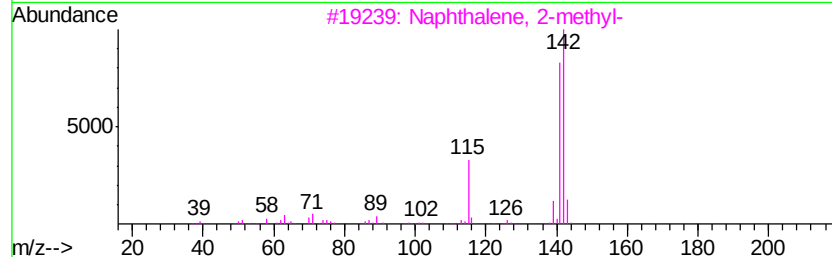
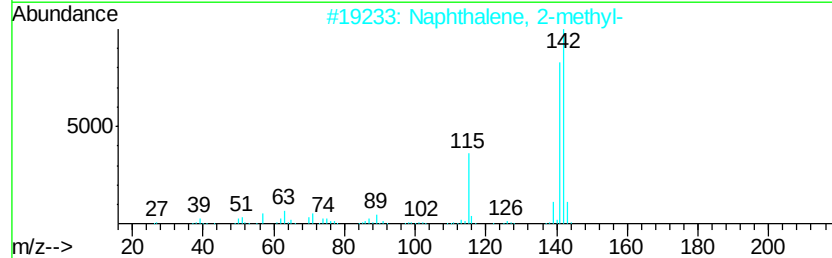
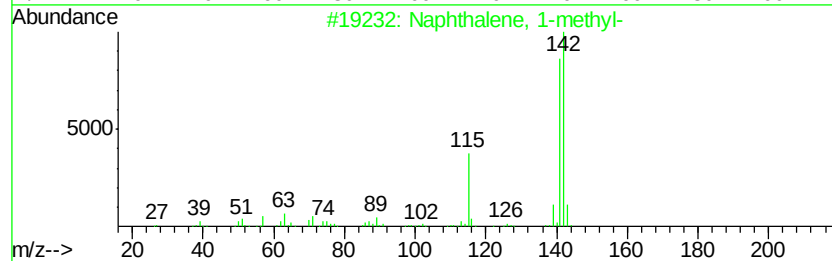
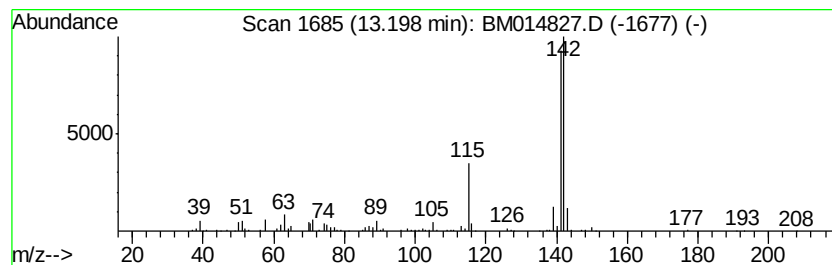
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.59 ng/ul	679041	Naphthalene-d8	11.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
3		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
4		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
5		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 94



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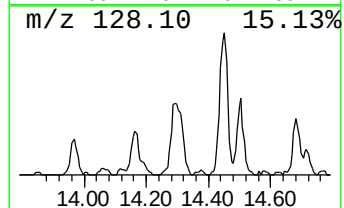
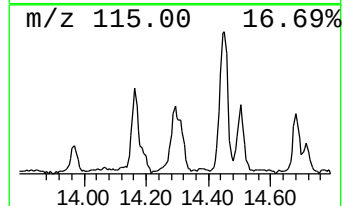
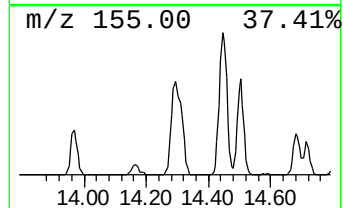
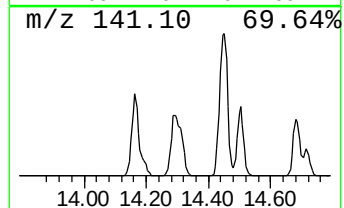
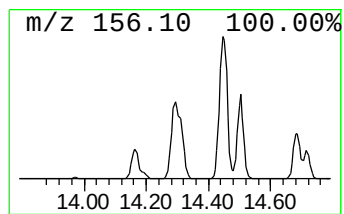
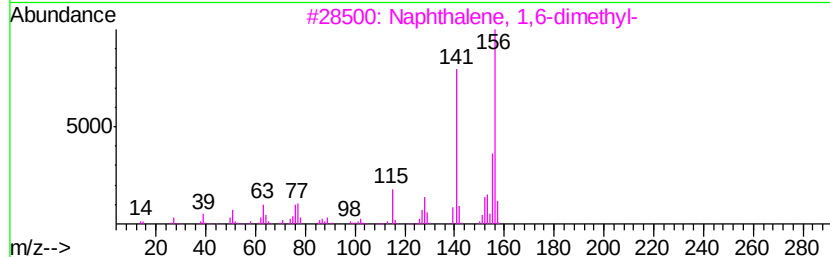
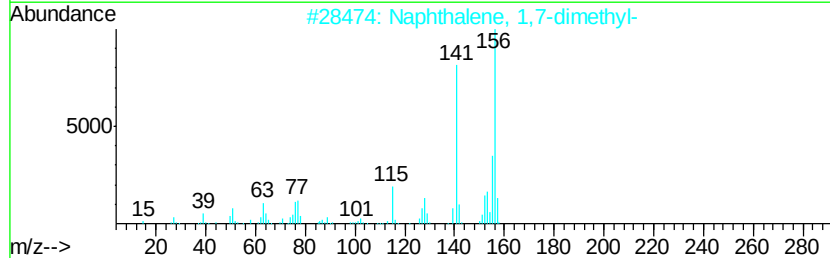
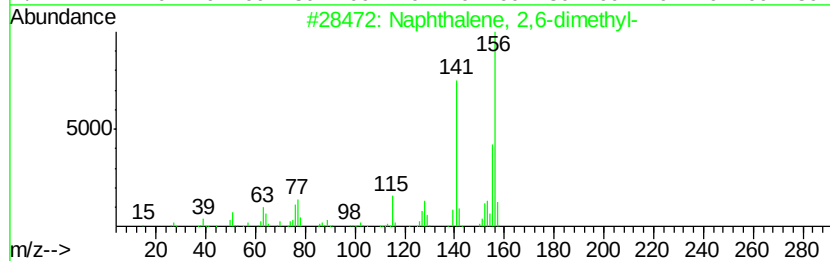
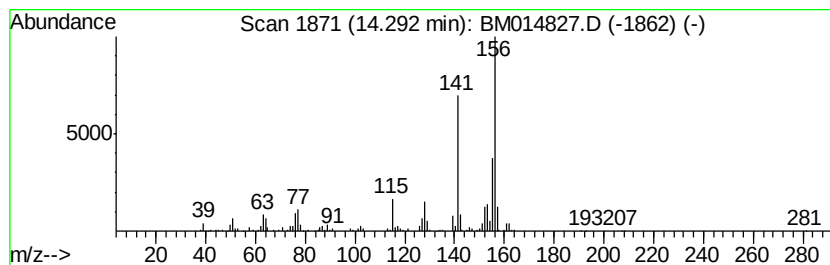
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.13 ng/ul	666787	Acenaphthene-d10	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		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 98
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96



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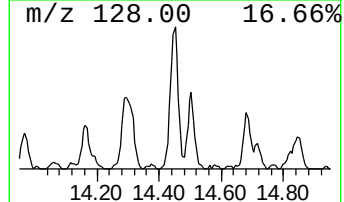
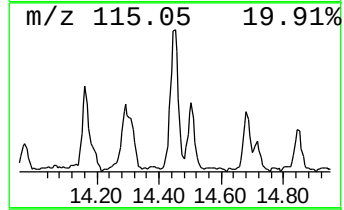
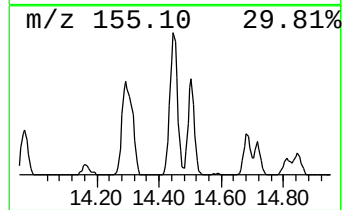
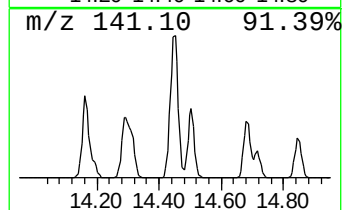
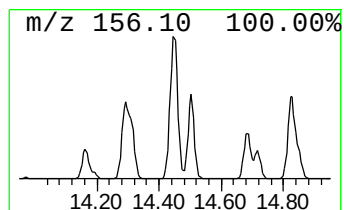
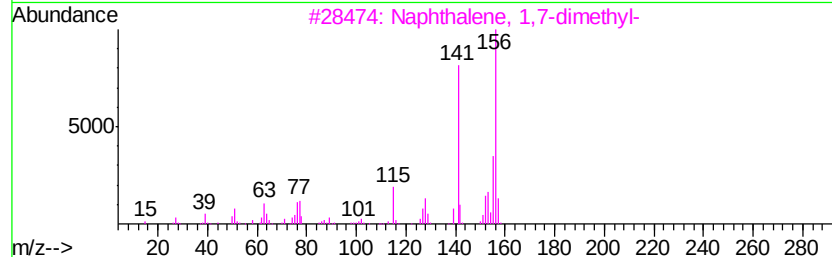
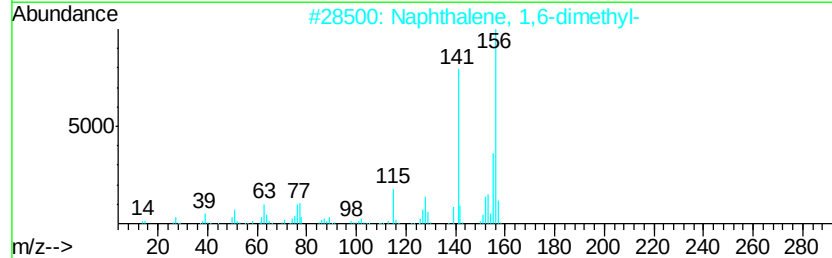
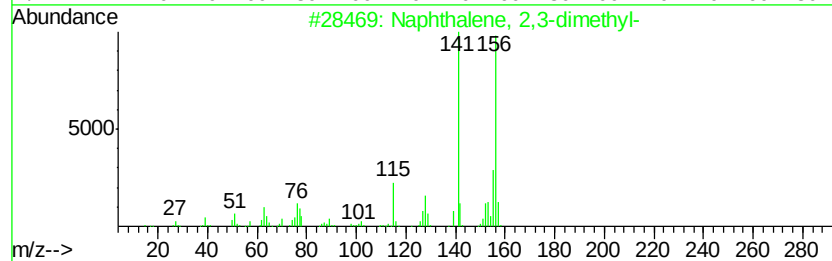
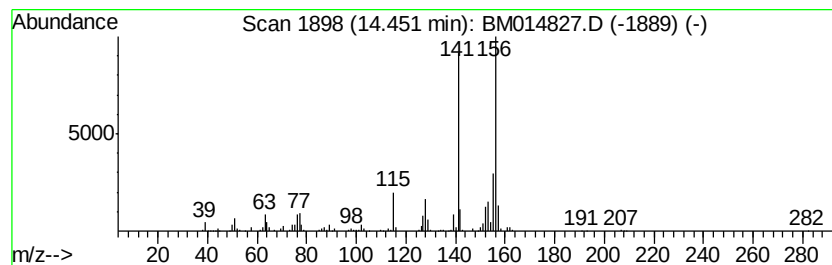
Instrument :
BNA_M
ClientSampleId :
DASN6DL

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.80 ng/ul	878788	Acenaphthene-d10	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014827.D
Acq On : 25 Apr 2018 01:41
Operator : SJ/JU
Sample : J2431-05DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASN6DL

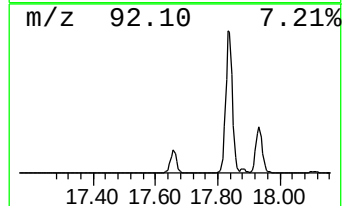
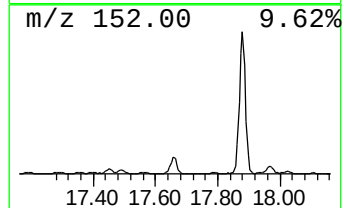
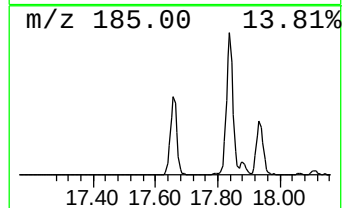
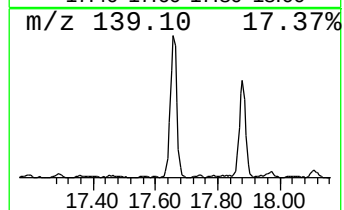
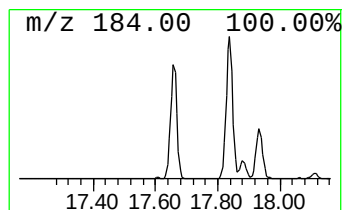
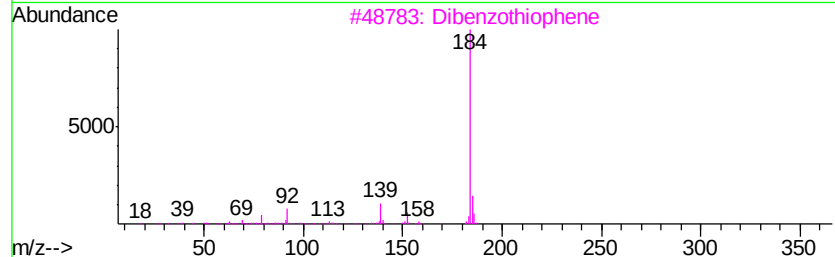
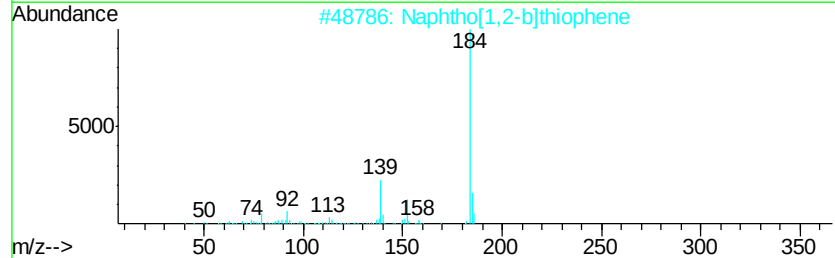
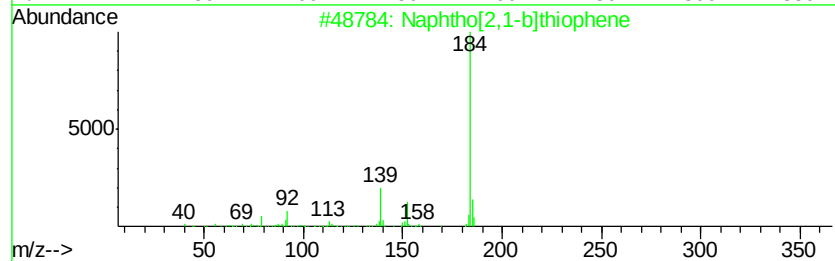
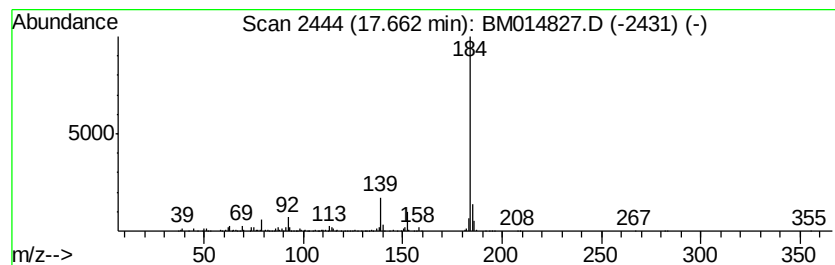
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	2.34 ng/ul	864108	Phenanthrene-d10	17.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3		Dibenzothiophene	184	C12H8S	000132-65-0	95
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5		Dibenzothiophene	184	C12H8S	000132-65-0	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014827.D
Acq On : 25 Apr 2018 01:41
Operator : SJ/JU
Sample : J2431-05DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

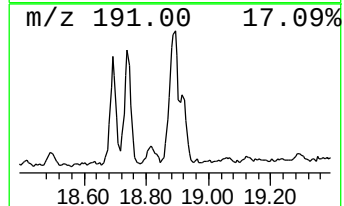
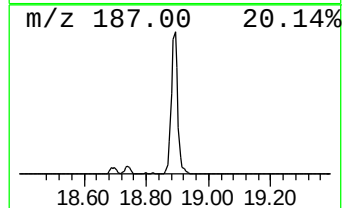
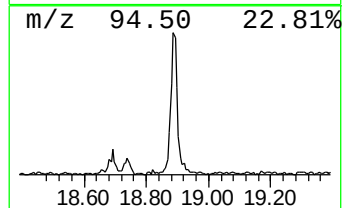
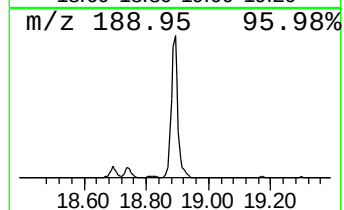
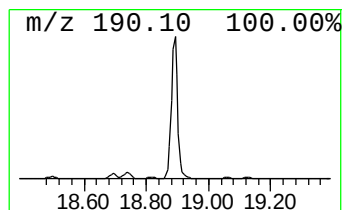
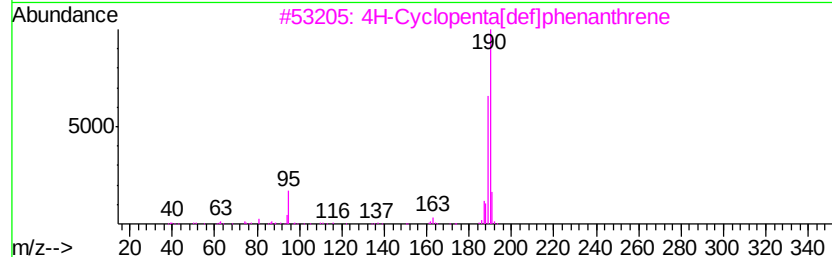
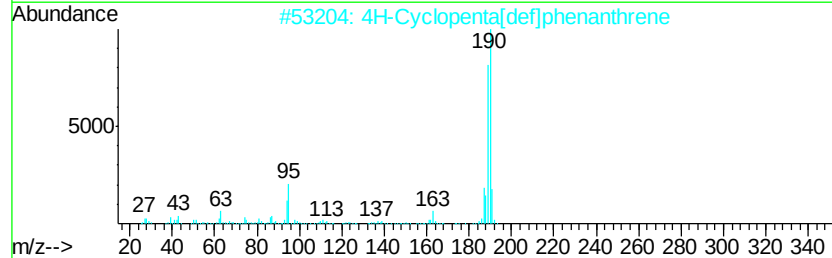
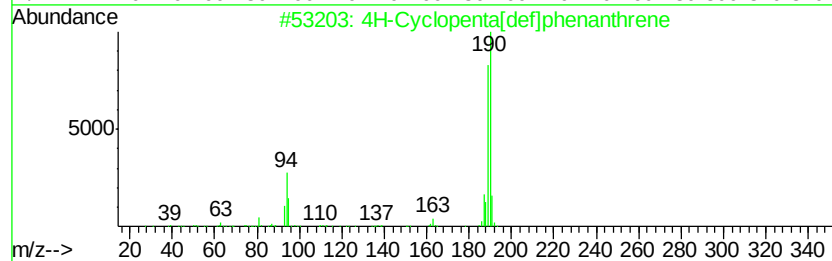
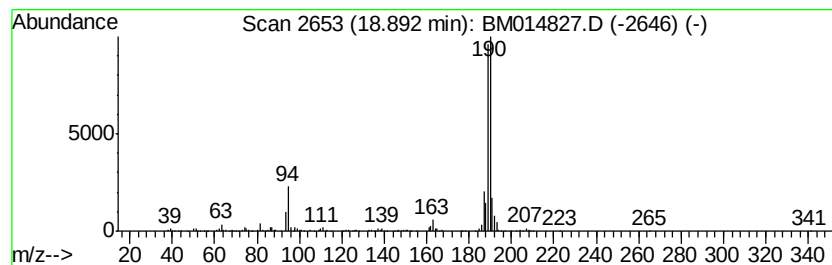
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.89	2.37 ng/ul	874857	Phenanthrene-d10	17.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	96
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042418\
Data File : BM014827.D
Acq On : 25 Apr 2018 01:41
Operator : SJ/JU
Sample : J2431-05DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASN6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
Benzene, 2-ethyl-...	9.63	2.3	ng/ul	381643	1	8.52	3282160	20.0
Naphthalene, 1-me...	13.20	2.6	ng/ul	679041	2	11.37	5249770	20.0
Naphthalene, 2,6-...	14.29	2.1	ng/ul	666787	3	15.13	6268180	20.0
Naphthalene, 2,3-...	14.45	2.8	ng/ul	878788	3	15.13	6268180	20.0
Naphtho[2,1-b]thi...	17.66	2.3	ng/ul	864108	4	17.84	7372310	20.0
4H-Cyclopenta[def...	18.89	2.4	ng/ul	874857	4	17.84	7372310	20.0