

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
 Data File : BM018013.D
 Acq On : 08 Dec 2018 11:46
 Operator : JU/SJ
 Sample : J6227-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E64

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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	3.064	11	13	17	rVB5	3825	3439	0.19%	0.015%
2	3.129	21	24	26	rBV3	3489	2981	0.16%	0.013%
3	3.164	26	30	35	rBB	19776	26429	1.43%	0.112%
4	3.452	76	79	82	rBV3	4834	5847	0.32%	0.025%
5	3.658	110	114	115	rBV4	4279	4160	0.23%	0.018%
6	3.758	127	131	139	rVB	25619	40492	2.19%	0.171%
7	3.811	139	140	143	rBV3	3217	2347	0.13%	0.010%
8	3.852	145	147	150	rVV3	4317	4747	0.26%	0.020%
9	3.911	154	157	160	rBV5	3092	3441	0.19%	0.015%
10	3.952	160	164	170	rVV2	25095	36519	1.98%	0.154%
11	4.023	175	176	180	rBV3	1975	2443	0.13%	0.010%
12	4.152	197	198	202	rVV3	2520	3535	0.19%	0.015%
13	4.217	204	209	211	rVV4	5781	10565	0.57%	0.045%
14	4.252	214	215	219	rVB3	5730	5937	0.32%	0.025%
15	4.370	234	235	238	rBV2	2582	2357	0.13%	0.010%
16	4.723	291	295	304	rBV	37433	67740	3.67%	0.286%
17	4.781	304	305	308	rVB3	3262	2305	0.12%	0.010%
18	5.734	464	467	471	rVB3	1592	2321	0.13%	0.010%
19	5.987	505	510	513	rBV2	17845	27350	1.48%	0.116%
20	6.240	549	553	559	rBV3	15788	24976	1.35%	0.106%
21	6.746	633	639	653	rBV2	264176	583474	31.60%	2.465%
22	6.905	660	666	680	rVV	263601	420253	22.76%	1.775%
23	7.093	692	698	710	rBV	330464	559479	30.30%	2.363%
24	7.199	710	716	722	rBV2	15993	28197	1.53%	0.119%
25	7.558	768	777	786	rVV	456658	781028	42.30%	3.299%
26	7.622	786	788	792	rVV4	3654	4766	0.26%	0.020%
27	7.728	803	806	809	rBV2	2363	2866	0.16%	0.012%
28	7.975	846	848	850	rBV2	2398	2533	0.14%	0.011%
29	8.269	892	898	913	rBV	314199	608938	32.98%	2.572%
30	8.387	916	918	923	rVV4	4151	6898	0.37%	0.029%
31	8.711	966	973	983	rBV	289352	511201	27.68%	2.159%
32	9.093	1033	1038	1044	rVB2	11836	18726	1.01%	0.079%
33	9.422	1088	1094	1103	rBV	236421	430601	23.32%	1.819%
34	9.499	1105	1107	1110	rVV2	3281	2897	0.16%	0.012%

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35	9.728	1142	1146	1150	rBV2	1483	2920	0.16%	0.012%
36	9.963	1179	1186	1209	rBV	245149	598626	32.42%	2.529%
37	10.322	1240	1247	1258	rVV	631808	1073281	58.12%	4.534%
38	10.487	1268	1275	1297	rBV	173430	528076	28.60%	2.231%
39	10.652	1301	1303	1306	rVB3	3078	2900	0.16%	0.012%
40	10.863	1333	1339	1341	rVB3	2685	3529	0.19%	0.015%
41	11.346	1417	1421	1424	rBV2	1593	2982	0.16%	0.013%
42	11.734	1482	1487	1490	rBV2	1247	2296	0.12%	0.010%
43	11.963	1520	1526	1531	rVB4	3387	6756	0.37%	0.029%
44	12.669	1640	1646	1650	rBV2	10475	15507	0.84%	0.066%
45	13.093	1713	1718	1726	rVB	120604	169247	9.17%	0.715%
46	13.169	1726	1731	1737	rBV2	77018	106561	5.77%	0.450%
47	13.481	1780	1784	1793	rBV4	34699	50644	2.74%	0.214%
48	13.628	1803	1809	1814	rBV	571700	938212	50.81%	3.963%
49	13.675	1814	1817	1831	rVB	125201	224641	12.17%	0.949%
50	13.893	1847	1854	1867	rBV	695935	1069345	57.91%	4.517%
51	14.204	1900	1907	1921	rBV2	820542	1308339	70.85%	5.527%
52	14.304	1921	1924	1931	rVB3	7960	11849	0.64%	0.050%
53	14.481	1947	1954	1958	rBV3	39135	92976	5.04%	0.393%
54	15.016	2042	2045	2048	rVV3	2385	2565	0.14%	0.011%
55	15.069	2052	2054	2059	rVB2	4152	5610	0.30%	0.024%
56	15.204	2071	2077	2090	rBV	842125	1417609	76.77%	5.988%
57	15.357	2098	2103	2117	rBV	177751	320495	17.36%	1.354%
58	15.451	2117	2119	2126	rVB5	10567	15755	0.85%	0.067%
59	15.592	2138	2143	2146	rBV4	1488	3008	0.16%	0.013%
60	15.616	2146	2147	2155	rVV3	1671	2761	0.15%	0.012%
61	15.787	2174	2176	2179	rBV2	2233	2716	0.15%	0.011%
62	15.887	2190	2193	2196	rVB3	2675	2502	0.14%	0.011%
63	15.934	2199	2201	2203	rBV3	4419	3867	0.21%	0.016%
64	16.345	2269	2271	2275	rVB2	3212	3685	0.20%	0.016%
65	16.522	2298	2301	2306	rVB4	1766	2629	0.14%	0.011%
66	16.634	2316	2320	2323	rVB2	1631	2313	0.13%	0.010%
67	16.745	2335	2339	2342	rBV3	4827	6020	0.33%	0.025%
68	16.957	2369	2375	2387	rBV2	959438	1443422	78.17%	6.097%
69	17.063	2387	2393	2408	rVV2	824791	1384415	74.97%	5.848%
70	17.475	2459	2463	2464	rBV4	2204	2608	0.14%	0.011%
71	17.586	2477	2482	2483	rBV2	1490	2477	0.13%	0.010%

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72	17.745	2505	2509	2513	rVB3	3812	3084	0.17%	0.013%
73	17.810	2516	2520	2526	rBV3	10450	17931	0.97%	0.076%
74	17.869	2526	2530	2541	rBV	145246	248021	13.43%	1.048%
75	18.075	2563	2565	2569	rVB4	2446	3009	0.16%	0.013%
76	18.116	2569	2572	2574	rBV3	2763	3479	0.19%	0.015%
77	18.192	2583	2585	2588	rVB4	3917	4460	0.24%	0.019%
78	18.216	2588	2589	2593	rBV4	3632	4182	0.23%	0.018%
79	18.516	2639	2640	2642	rBV2	3360	2681	0.15%	0.011%
80	18.710	2670	2673	2675	rBV4	2099	2421	0.13%	0.010%
81	18.804	2685	2689	2696	rVB3	14895	22493	1.22%	0.095%
82	18.851	2696	2697	2698	rBV	5052	2260	0.12%	0.010%
83	18.922	2706	2709	2712	rBV3	8144	9858	0.53%	0.042%
84	19.010	2720	2724	2727	rBV4	17112	29203	1.58%	0.123%
85	19.045	2727	2730	2736	rVB4	23211	36535	1.98%	0.154%
86	19.163	2746	2750	2758	rBV2	85108	140743	7.62%	0.595%
87	19.263	2763	2767	2769	rBV4	6481	7792	0.42%	0.033%
88	19.310	2771	2775	2779	rBV	84620	99527	5.39%	0.420%
89	19.369	2779	2785	2794	rBV2	958717	1465569	79.37%	6.191%
90	19.633	2828	2830	2832	rBV3	6062	4757	0.26%	0.020%
91	19.810	2854	2860	2864	rBV2	39826	55844	3.02%	0.236%
92	19.898	2873	2875	2877	rBV3	8430	8650	0.47%	0.037%
93	19.927	2877	2880	2883	rBV2	25317	33608	1.82%	0.142%
94	20.098	2907	2909	2912	rVB3	6329	4310	0.23%	0.018%
95	20.369	2951	2955	2960	rBV2	56670	67048	3.63%	0.283%
96	20.898	3041	3045	3053	rBV4	62099	108199	5.86%	0.457%
97	21.174	3087	3092	3106	rBV	1030457	1593901	86.32%	6.733%
98	23.204	3432	3437	3448	rBV	672876	1365338	73.94%	5.767%
99	23.345	3455	3461	3470	rBV2	733218	1407497	76.22%	5.945%
100	25.668	3848	3856	3871	rVB3	681982	1846515	100.00%	7.800%

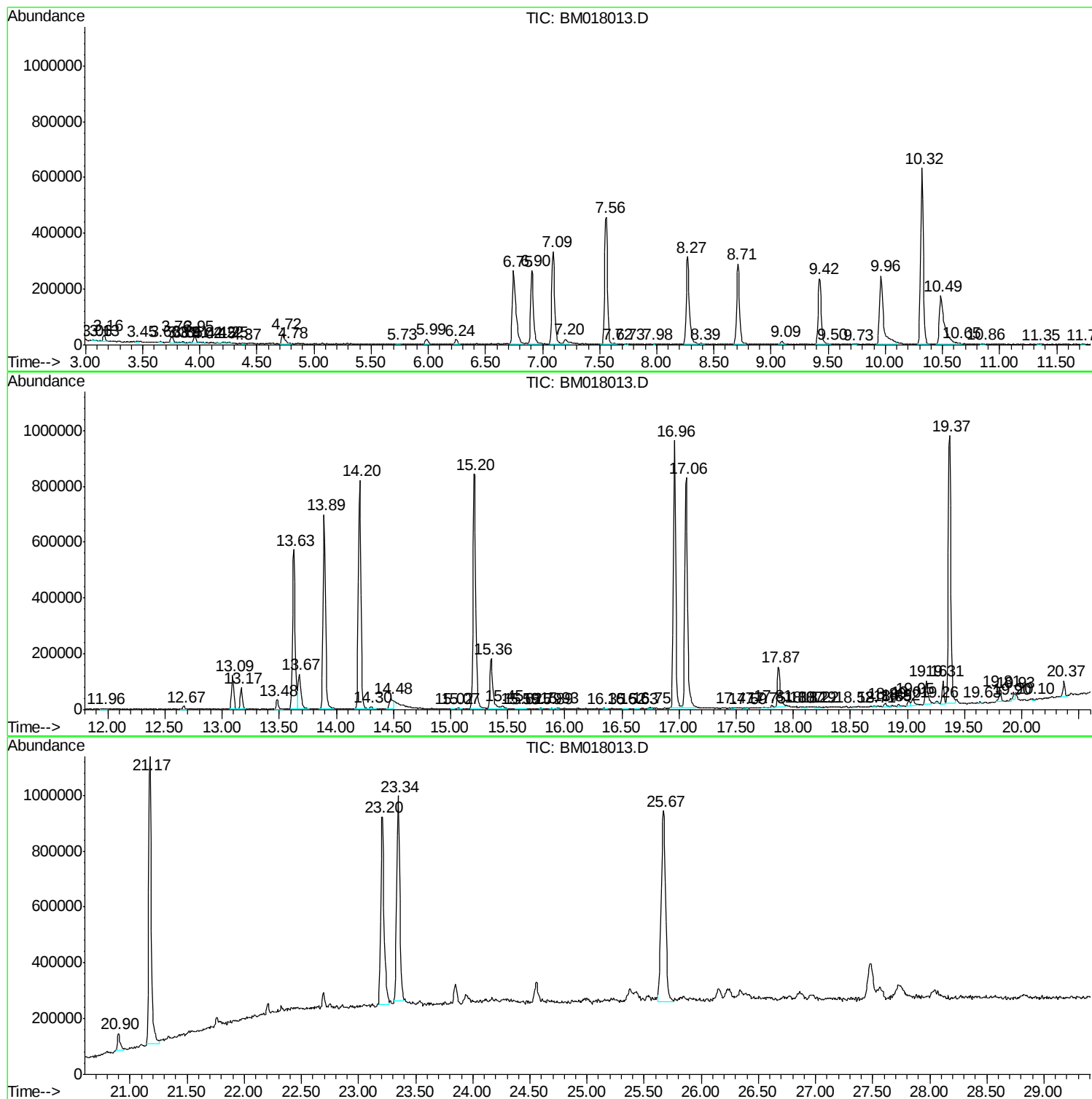
Sum of corrected areas: 23673847

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



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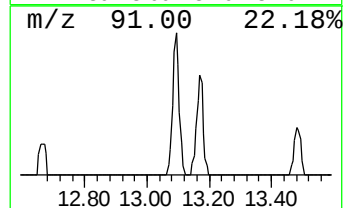
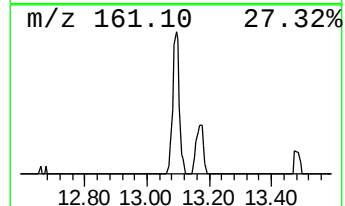
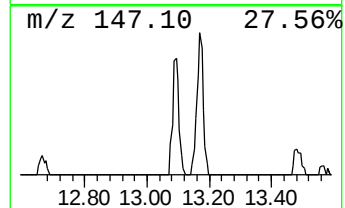
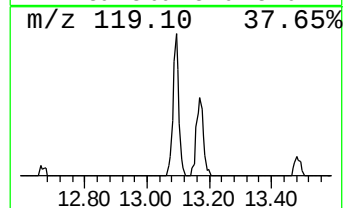
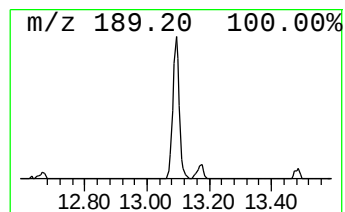
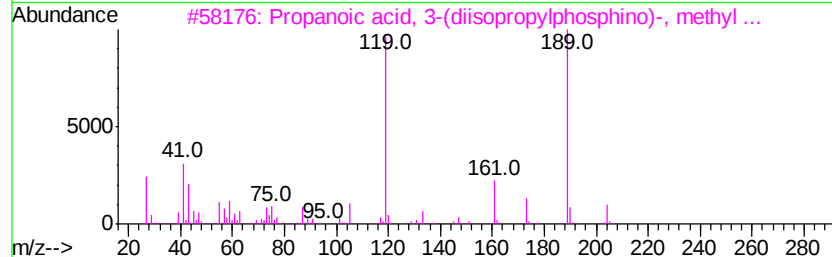
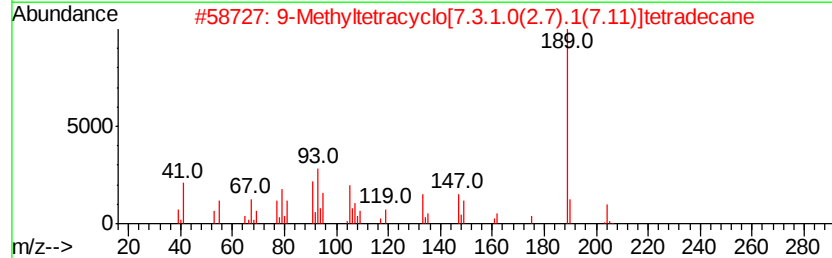
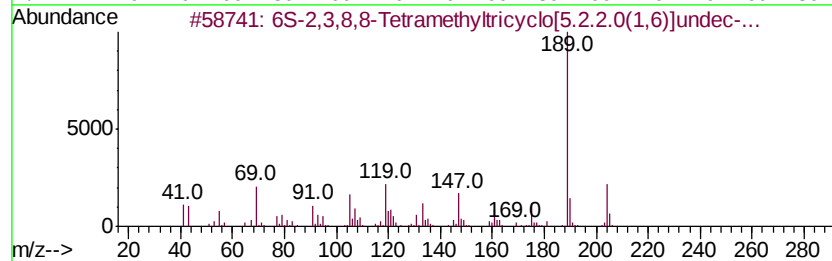
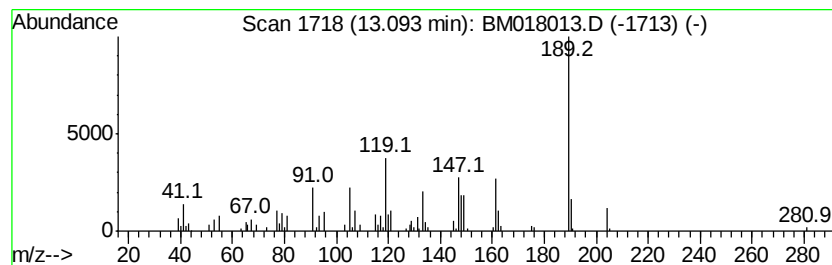
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 6S-2,3,8,8-Tetramethyltricy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.59 ng/ul	169247	Acenaphthene-d10	14.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6S-2,3,8,8-Tetramethyltricyclo[5.2.2.0(1,6)]undec...	204 C15H24	137235-48-4	80
2	9-Methyltetraacyclo[7.3.1.0(2,7)...]	204 C15H24	1000215-30-5	59
3	Propanoic acid, 3-(diisopropylphosphino)-, methyl ...	204 C10H21O2P	162608-94-8	47
4	2-Isopropenyl-4a,8-dimethyl-1,2,...	204 C15H24	1000192-43-5	40
5	Benzene, 1,3,5-tris(1-methylethyl)-	204 C15H24	000717-74-8	38



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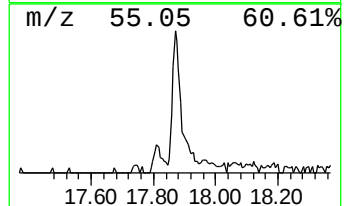
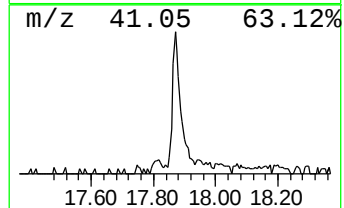
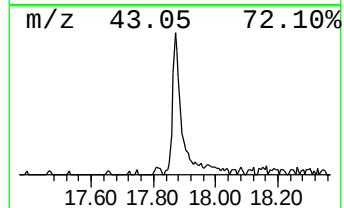
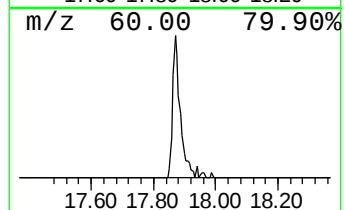
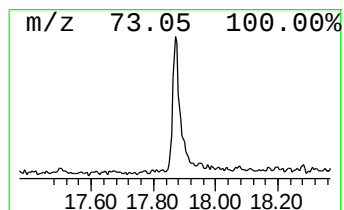
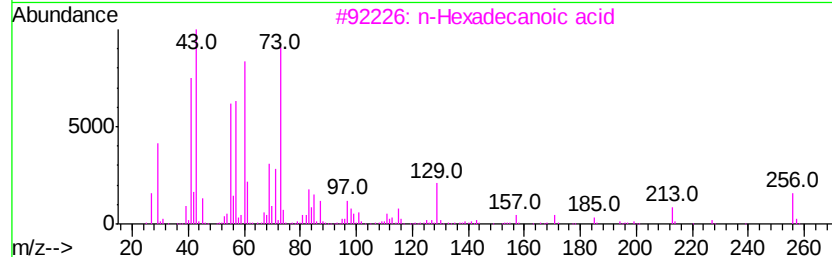
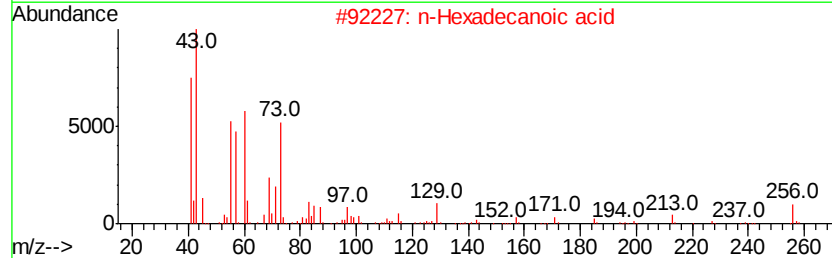
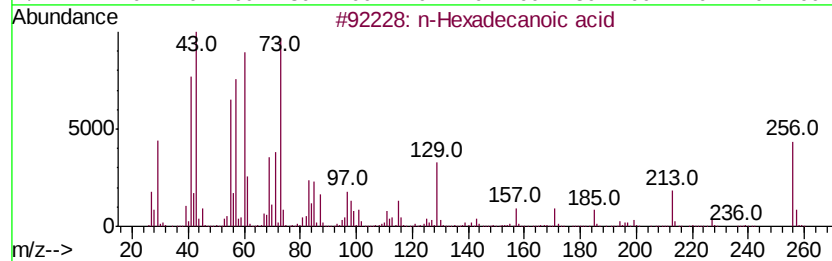
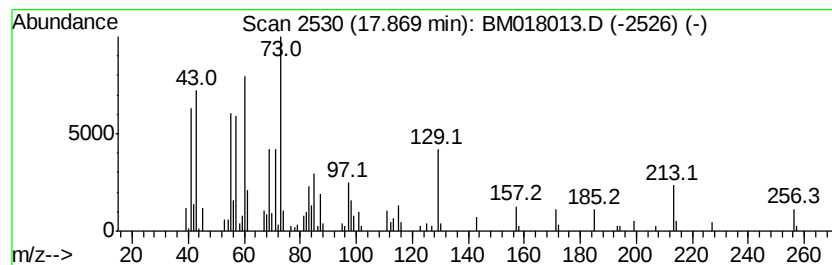
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.44 ng/ul	248021	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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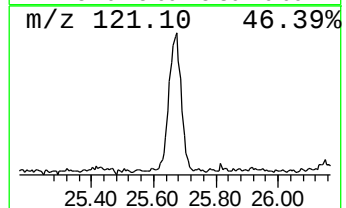
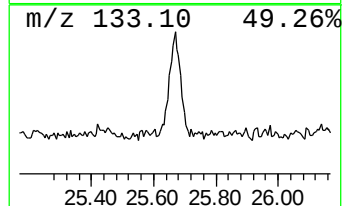
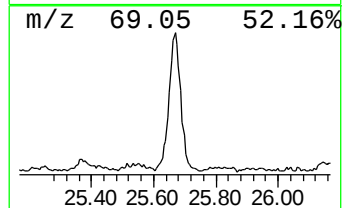
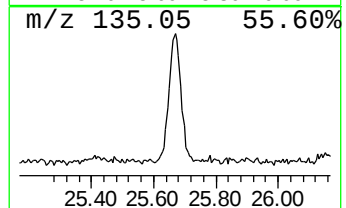
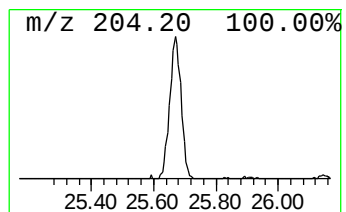
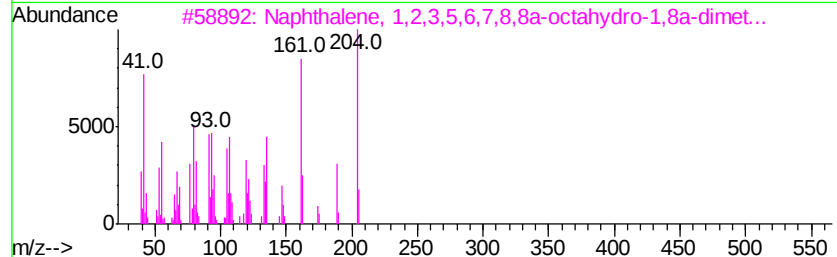
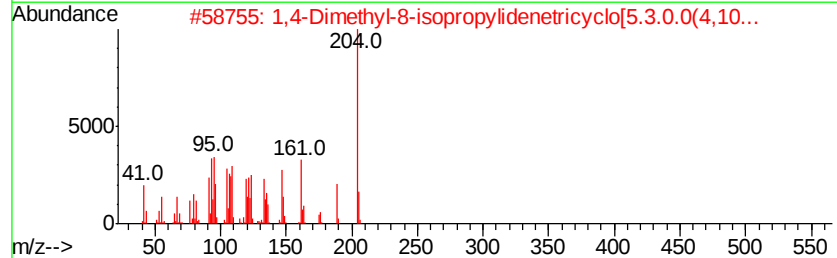
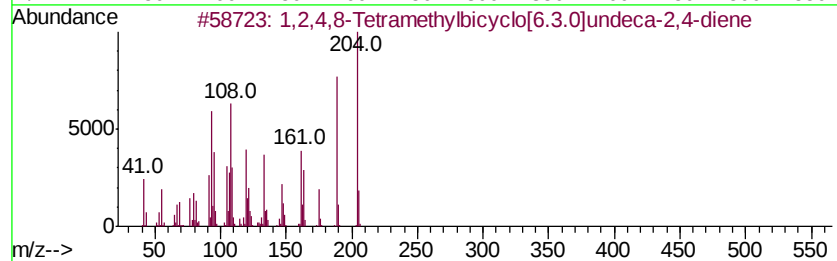
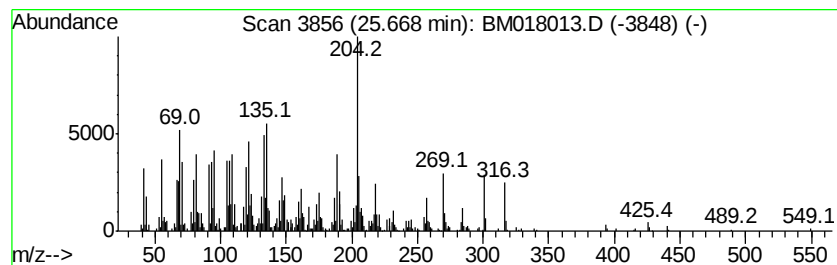
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Peak Number 3 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.67	26.24 ng/ul	1846520	Perylene-d12	23.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	78
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	52
3	Naphthalene, 1,2,3,5,6,7,8,8a-oct...	204	C15H24	004630-07-3	52
4	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	46
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120818\
Data File : BM018013.D
Acq On : 08 Dec 2018 11:46
Operator : JU/SJ
Sample : J6227-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E64

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
6S-2,3,8,8-Tetram...	13.09	2.6	ng/ul	169247	3	14.20	1308340	20.0
n-Hexadecanoic acid	17.87	3.4	ng/ul	248021	4	16.96	1443420	20.0
1,2,4,8-Tetrameth...	25.67	26.2	ng/ul	1846520	6	23.34	1407500	20.0