

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
 Data File : BM018102.D
 Acq On : 12 Dec 2018 20:52
 Operator : JU/SJ
 Sample : J6227-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E60

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	3.152	25	28	34	rVB	11023	14423	0.62%	0.061%
2	3.593	100	103	105	rBV4	3170	4346	0.19%	0.018%
3	3.746	124	129	136	rVV2	17216	27890	1.21%	0.118%
4	3.834	139	144	147	rBV5	3886	6287	0.27%	0.027%
5	3.940	158	162	170	rVV	15261	21518	0.93%	0.091%
6	3.993	170	171	175	rVB2	2252	2584	0.11%	0.011%
7	4.252	212	215	219	rVB3	2356	3045	0.13%	0.013%
8	4.328	225	228	229	rBV	2361	2485	0.11%	0.011%
9	4.599	271	274	277	rVB3	2515	2603	0.11%	0.011%
10	4.716	289	294	296	rBV	25844	36037	1.56%	0.153%
11	5.399	408	410	413	rBV2	2308	2422	0.10%	0.010%
12	5.793	474	477	479	rBV	1963	2319	0.10%	0.010%
13	5.975	503	508	513	rBV2	15114	20782	0.90%	0.088%
14	6.740	630	638	651	rBV2	180983	436473	18.86%	1.849%
15	6.899	659	665	678	rVV	167982	279024	12.06%	1.182%
16	6.981	678	679	684	rVB2	2165	2325	0.10%	0.010%
17	7.081	689	696	707	rBV	225510	382693	16.54%	1.621%
18	7.193	712	715	724	rBV2	6101	13921	0.60%	0.059%
19	7.363	740	744	748	rVB5	1939	2997	0.13%	0.013%
20	7.546	768	775	784	rBV	344911	570421	24.65%	2.417%
21	7.616	784	787	789	rVB2	3371	2924	0.13%	0.012%
22	8.181	881	883	888	rBV2	1596	2658	0.11%	0.011%
23	8.263	888	897	909	rBV	210462	401390	17.34%	1.701%
24	8.698	965	971	984	rBV	206708	381873	16.50%	1.618%
25	9.081	1029	1036	1040	rVB2	8198	13195	0.57%	0.056%
26	9.416	1086	1093	1107	rBV	178742	332837	14.38%	1.410%
27	9.951	1178	1184	1204	rBV	191545	454613	19.64%	1.926%
28	10.104	1209	1210	1215	rVB4	2864	3437	0.15%	0.015%
29	10.310	1235	1245	1254	rBV	561156	925835	40.01%	3.923%
30	10.369	1254	1255	1260	rVB2	3202	2992	0.13%	0.013%
31	10.475	1266	1273	1297	rBV	133397	385906	16.67%	1.635%
32	13.492	1783	1786	1789	rVB2	3710	4063	0.18%	0.017%
33	13.616	1801	1807	1812	rBV	481426	719967	31.11%	3.051%
34	13.669	1812	1816	1828	rVB	162546	264603	11.43%	1.121%

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35	13.886	1846	1853	1868	rBV	518973	819310	35.40%	3.471%
36	14.192	1899	1905	1916	rBV2	725761	1135722	49.07%	4.812%
37	14.463	1945	1951	1975	rBV2	63435	223431	9.65%	0.947%
38	14.851	2014	2017	2020	rVB2	1918	2487	0.11%	0.011%
39	15.063	2046	2053	2057	rBV2	3209	6472	0.28%	0.027%
40	15.198	2070	2076	2087	rBV	742860	1104577	47.73%	4.680%
41	15.345	2097	2101	2115	rBV	181079	300186	12.97%	1.272%
42	15.445	2115	2118	2124	rVB3	6935	11040	0.48%	0.047%
43	15.933	2196	2201	2203	rVB4	2595	3205	0.14%	0.014%
44	16.098	2225	2229	2230	rBV2	2543	2758	0.12%	0.012%
45	16.280	2254	2260	2263	rBV	2104	2805	0.12%	0.012%
46	16.386	2275	2278	2281	rBV4	2844	3950	0.17%	0.017%
47	16.516	2296	2300	2302	rBV3	1976	2596	0.11%	0.011%
48	16.739	2334	2338	2341	rBV3	4156	6623	0.29%	0.028%
49	16.868	2356	2360	2367	rVB5	9283	17109	0.74%	0.072%
50	16.951	2367	2374	2385	rBV	1019429	1461400	63.15%	6.192%
51	17.051	2385	2391	2400	rVV2	805939	1214124	52.46%	5.144%
52	17.145	2405	2407	2413	rVV3	6440	8409	0.36%	0.036%
53	17.204	2413	2417	2421	rVV4	5479	7992	0.35%	0.034%
54	17.251	2421	2425	2430	rVB4	9601	14178	0.61%	0.060%
55	17.357	2439	2443	2449	rVV6	3037	5367	0.23%	0.023%
56	17.451	2457	2459	2461	rBV2	3054	2876	0.12%	0.012%
57	17.598	2481	2484	2486	rBV4	2853	2787	0.12%	0.012%
58	17.745	2505	2509	2513	rBV5	11131	16316	0.71%	0.069%
59	17.804	2517	2519	2524	rVB3	6082	8480	0.37%	0.036%
60	17.863	2524	2529	2539	rBV	241984	367596	15.88%	1.558%
61	17.986	2548	2550	2551	rVB2	3913	2641	0.11%	0.011%
62	18.004	2551	2553	2555	rVB3	5287	3949	0.17%	0.017%
63	18.021	2555	2556	2560	rBV4	3104	4015	0.17%	0.017%
64	18.163	2576	2580	2584	rBV7	6931	13154	0.57%	0.056%
65	18.257	2591	2596	2598	rBV5	3088	4267	0.18%	0.018%
66	18.286	2598	2601	2603	rBV3	2615	2665	0.12%	0.011%
67	18.410	2619	2622	2624	rBV3	4396	4807	0.21%	0.020%
68	18.462	2628	2631	2633	rBV4	3113	3372	0.15%	0.014%
69	18.521	2639	2641	2643	rBV3	2109	2342	0.10%	0.010%
70	18.545	2643	2645	2647	rBV3	3990	3647	0.16%	0.015%
71	18.662	2663	2665	2668	rBV2	4035	3935	0.17%	0.017%

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72	18.733	2674	2677	2679	rBV3	3121	3760	0.16%	0.016%
73	18.898	2700	2705	2708	rBV5	5958	10225	0.44%	0.043%
74	18.951	2712	2714	2716	rBV2	3326	3244	0.14%	0.014%
75	19.004	2719	2723	2726	rBV5	16789	28401	1.23%	0.120%
76	19.033	2726	2728	2738	rVB9	21649	41948	1.81%	0.178%
77	19.157	2744	2749	2762	rBV2	115457	193801	8.37%	0.821%
78	19.245	2762	2764	2770	rVB4	9973	14315	0.62%	0.061%
79	19.304	2770	2774	2777	rBV3	40028	47364	2.05%	0.201%
80	19.362	2778	2784	2793	rVV	1056679	1535531	66.35%	6.506%
81	19.615	2823	2827	2831	rBV4	18894	27023	1.17%	0.114%
82	19.898	2873	2875	2876	rBV2	6882	5475	0.24%	0.023%
83	20.192	2924	2925	2928	rBV2	11325	10573	0.46%	0.045%
84	20.251	2933	2935	2939	rVV5	9758	14141	0.61%	0.060%
85	20.362	2951	2954	2957	rBV2	39941	41336	1.79%	0.175%
86	20.892	3040	3044	3049	rBV2	195802	266175	11.50%	1.128%
87	21.168	3086	3091	3101	rBV	1520901	2038999	88.10%	8.639%
88	21.756	3188	3191	3193	rBV2	50683	61854	2.67%	0.262%
89	22.203	3263	3267	3273	rBV	107397	140246	6.06%	0.594%
90	22.686	3343	3349	3353	rBV2	244767	384593	16.62%	1.630%
91	22.739	3355	3358	3366	rVB5	163558	265971	11.49%	1.127%
92	23.203	3431	3437	3447	rBV	1120717	2262058	97.74%	9.584%
93	23.345	3454	3461	3467	rBV	1220148	2314290	100.00%	9.806%
94	23.839	3541	3545	3554	rVB	295455	523633	22.63%	2.219%
95	24.544	3661	3665	3673	rVB2	145050	305689	13.21%	1.295%
96	25.368	3800	3805	3814	rVB	247766	529128	22.86%	2.242%

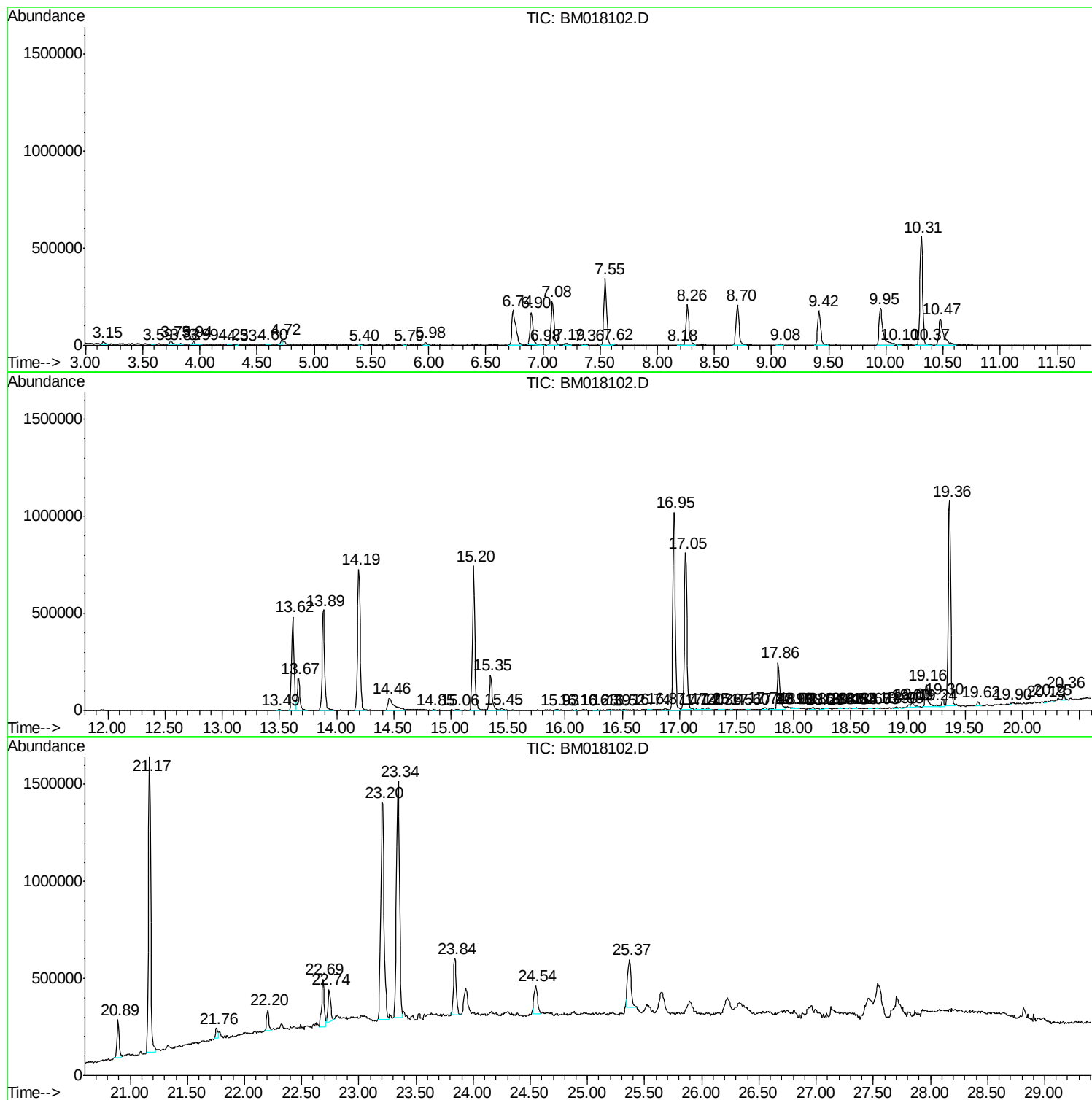
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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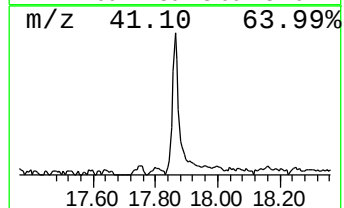
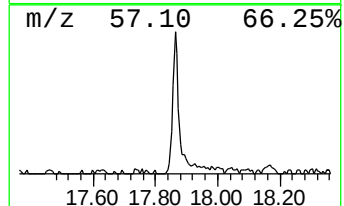
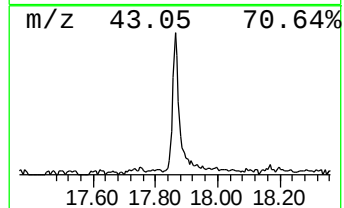
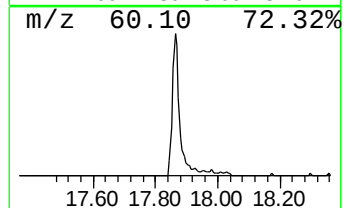
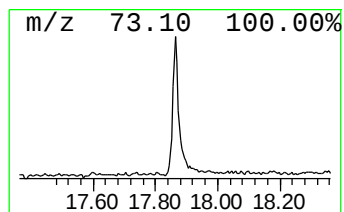
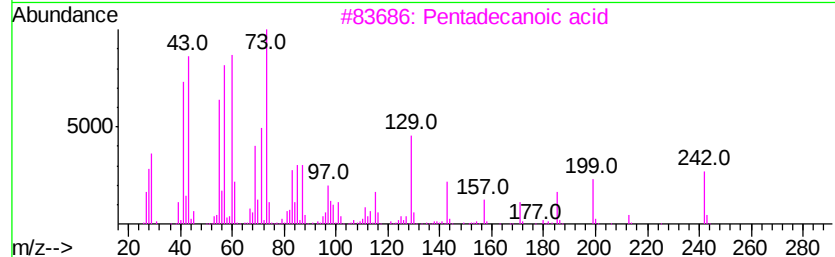
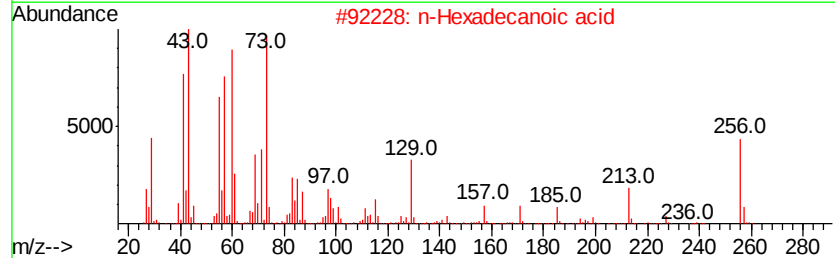
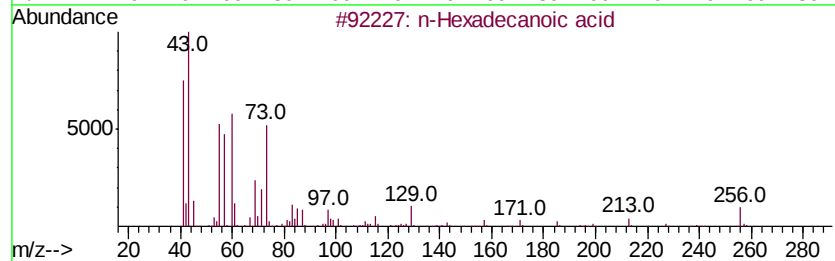
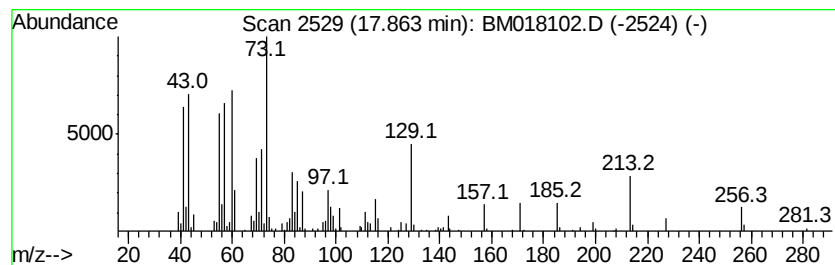
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.86	5.03 ng/ul	367596	Phenanthrene-d10		16.95	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	60
5		Tridecanoic acid	214	C13H26O2	000638-53-9	49



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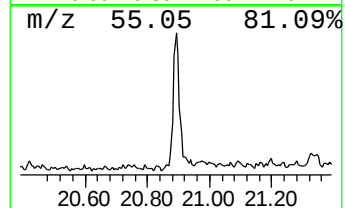
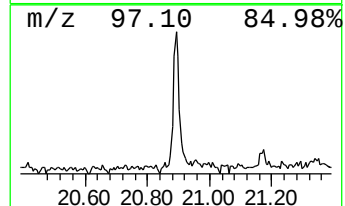
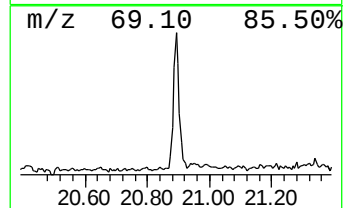
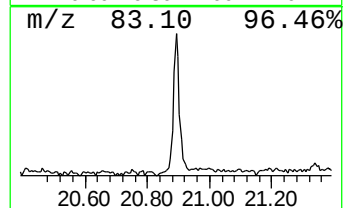
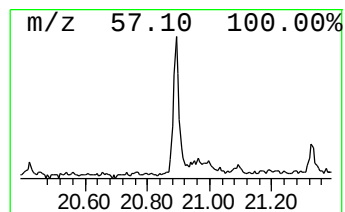
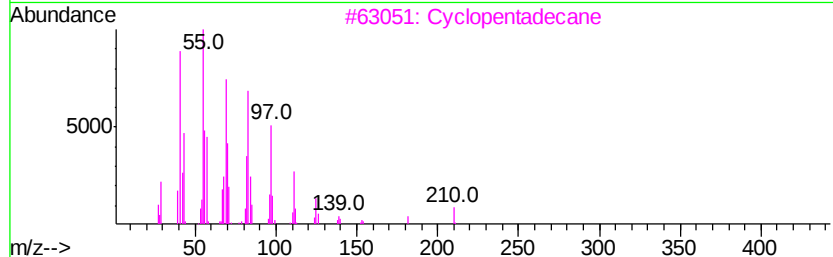
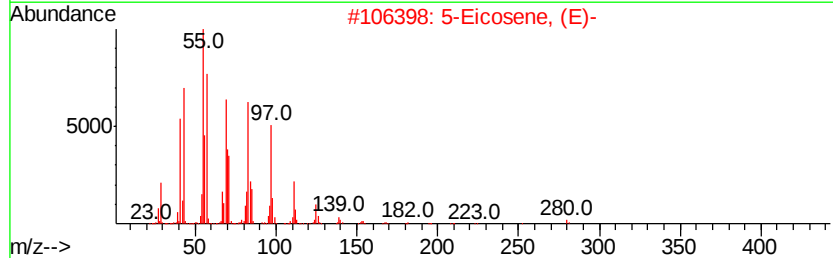
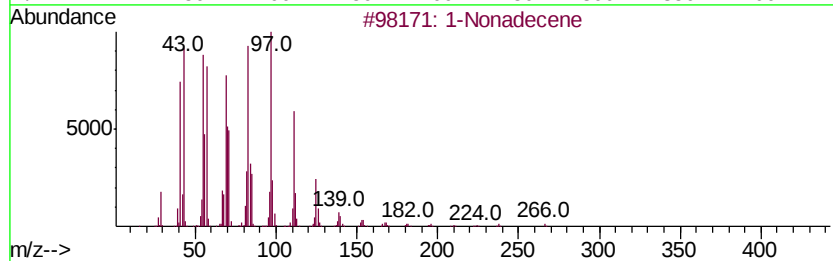
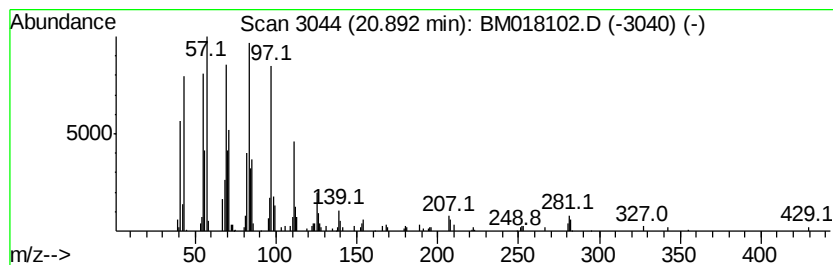
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.61 ng/ul	266175	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	99
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	98
3		Cyclopentadecane	210	C15H30	000295-48-7	97
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	93



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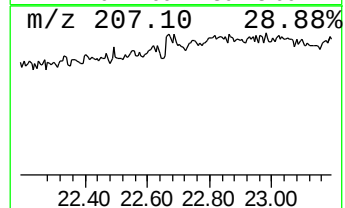
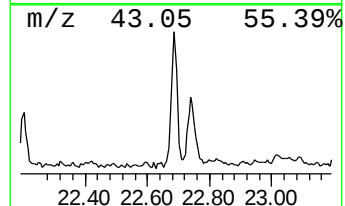
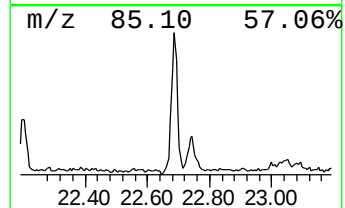
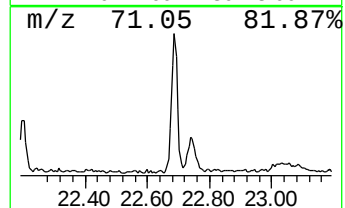
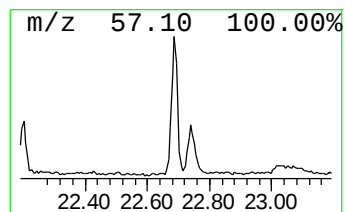
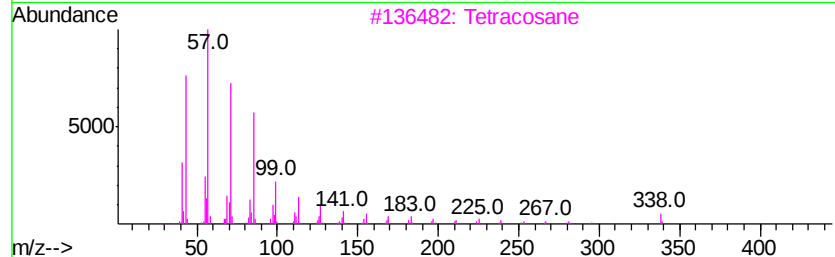
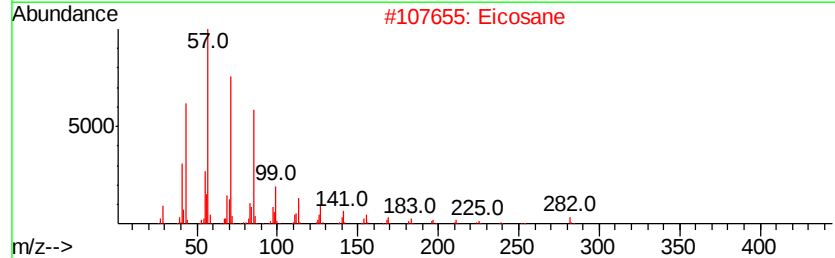
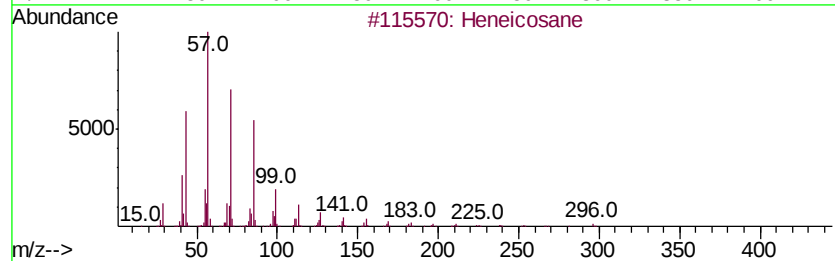
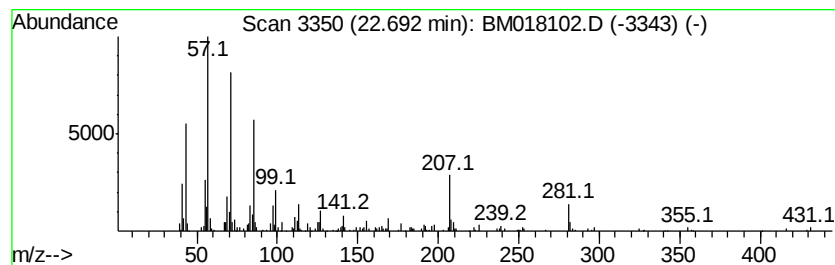
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	3.32 ng/ul	384593	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Eicosane	282	C20H42	000112-95-8	93
3		Tetracosane	338	C24H50	000646-31-1	83
4		Pentacosane	352	C25H52	000629-99-2	83
5		Octacosane	394	C28H58	000630-02-4	81



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Misc :
ALS Vial : 11 Sample Multiplier: 1

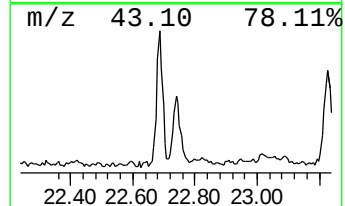
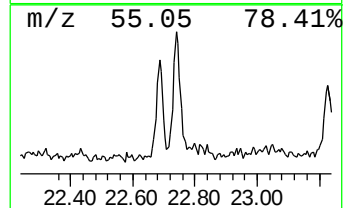
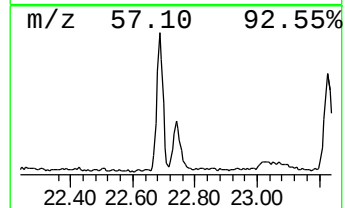
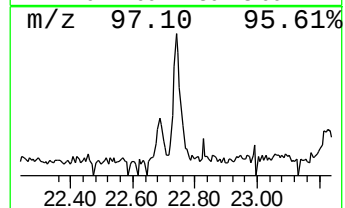
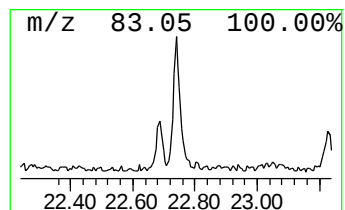
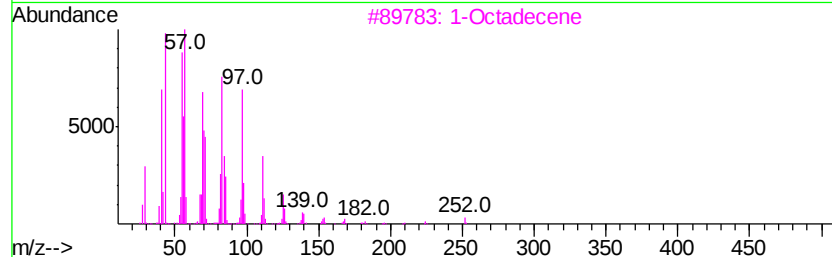
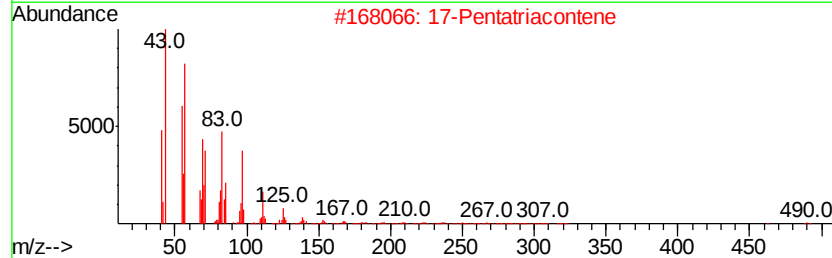
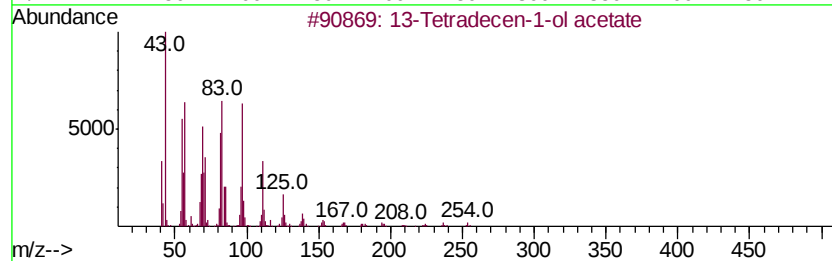
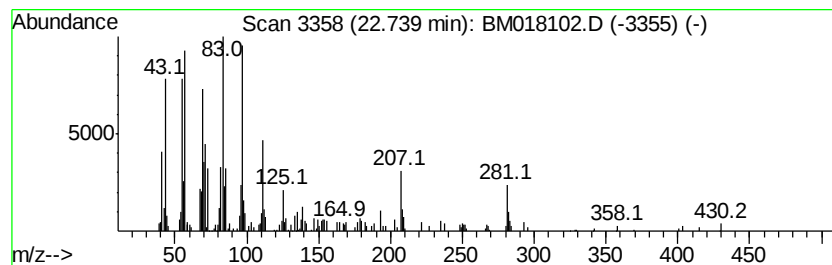
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 13-Tetradecen-1-ol acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.30 ng/ul	265971	Perylene-d12	23.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	13-Tetradecen-1-ol acetate	254 C16H30O2	056221-91-1	68
2	17-Pentatriacontene	491 C35H70	006971-40-0	68
3	1-Octadecene	252 C18H36	000112-88-9	68
4	1-Octadecene	252 C18H36	000112-88-9	64
5	10-Heneicosene (c,t)	294 C21H42	095008-11-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018102.D
Acq On : 12 Dec 2018 20:52
Operator : JU/SJ
Sample : J6227-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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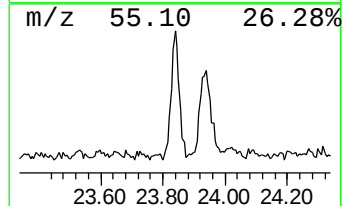
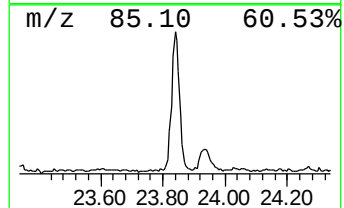
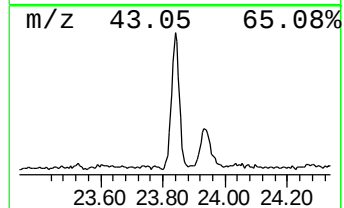
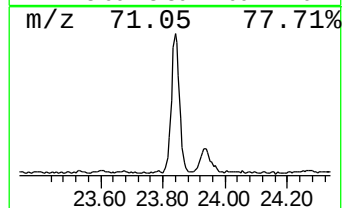
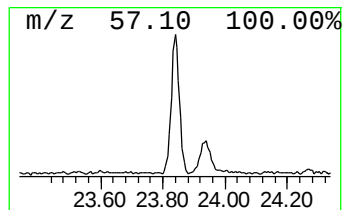
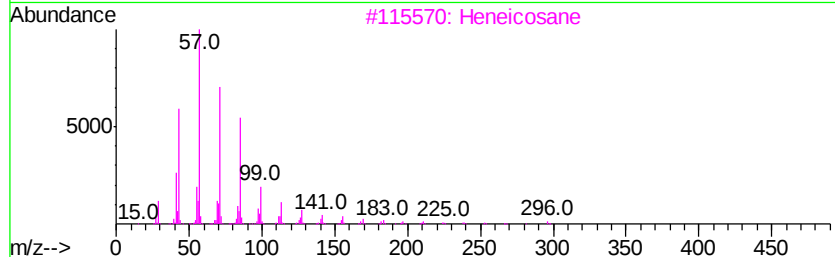
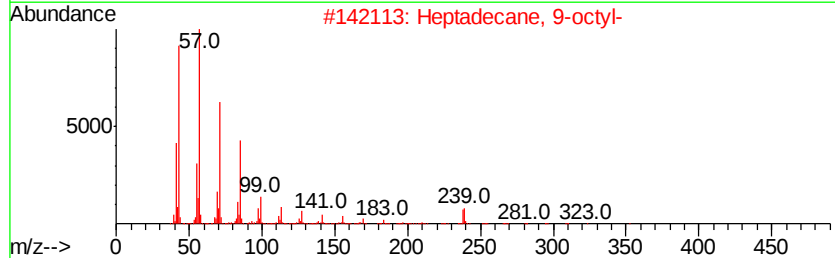
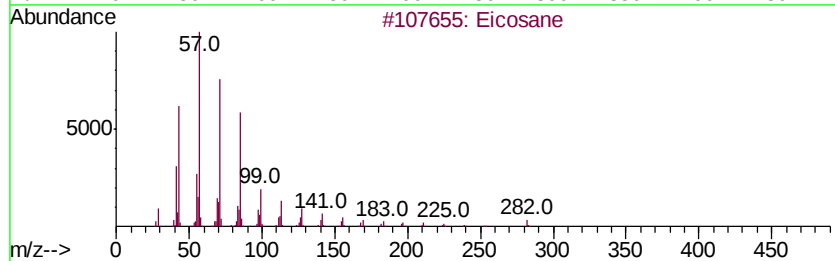
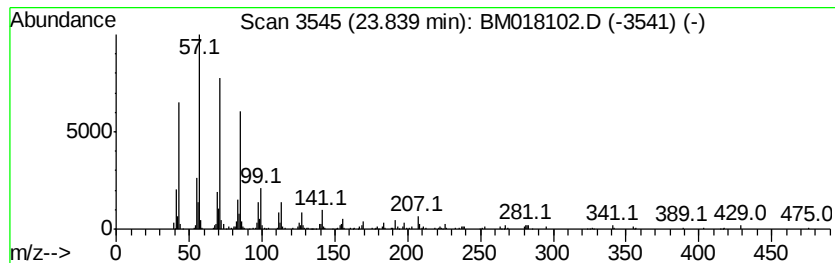
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	4.53 ng/ul	523633	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018102.D
Acq On : 12 Dec 2018 20:52
Operator : JU/SJ
Sample : J6227-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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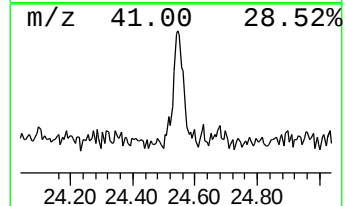
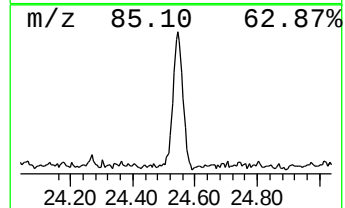
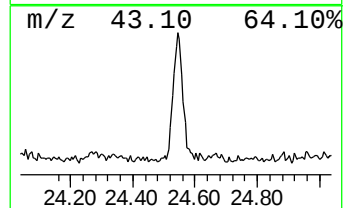
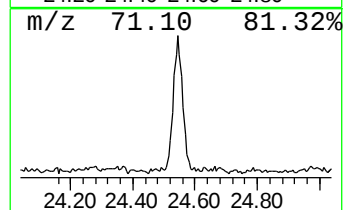
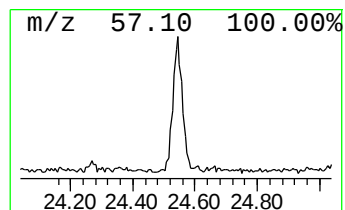
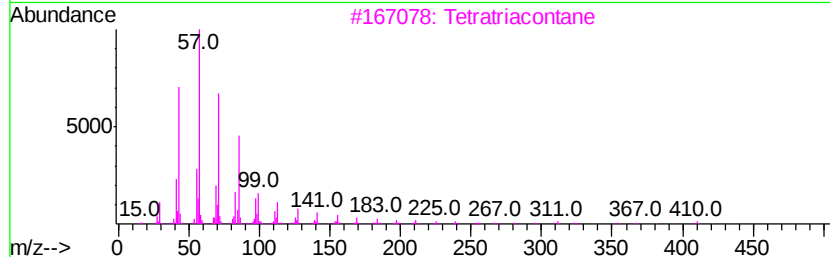
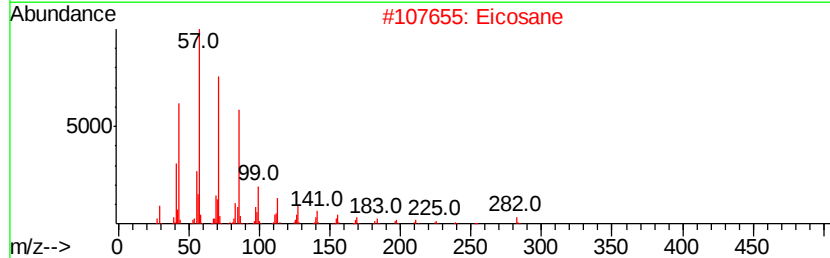
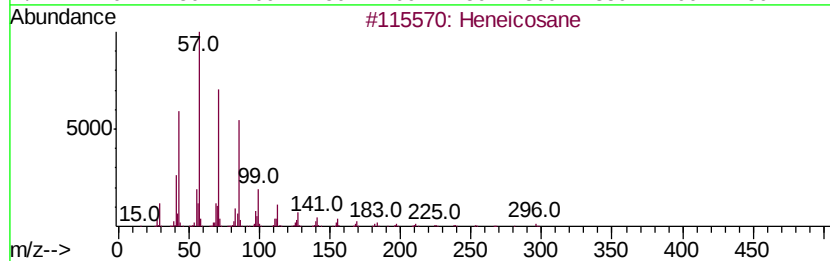
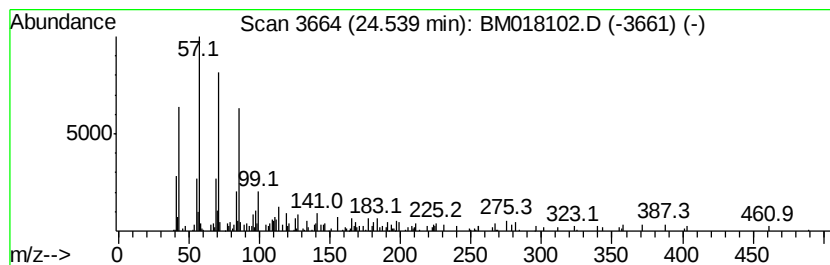
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.54	2.64 ng/ul	305689	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Eicosane	282	C20H42	000112-95-8	81
3		Tetratriacontane	479	C34H70	014167-59-0	81
4		Octadecane	254	C18H38	000593-45-3	74
5		Tetracosane	338	C24H50	000646-31-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018102.D
Acq On : 12 Dec 2018 20:52
Operator : JU/SJ
Sample : J6227-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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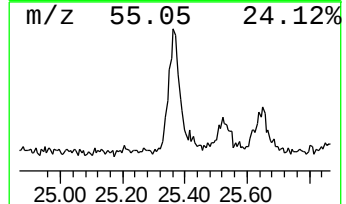
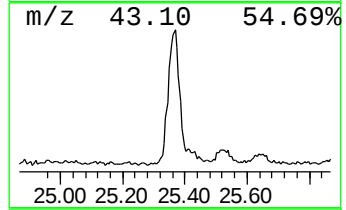
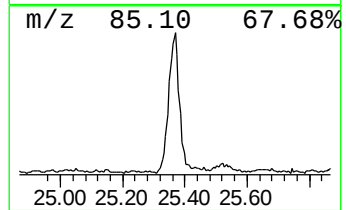
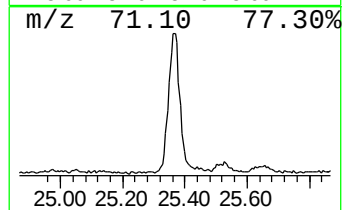
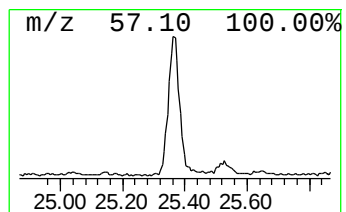
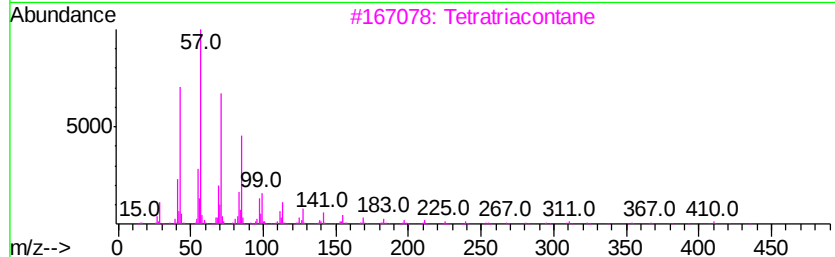
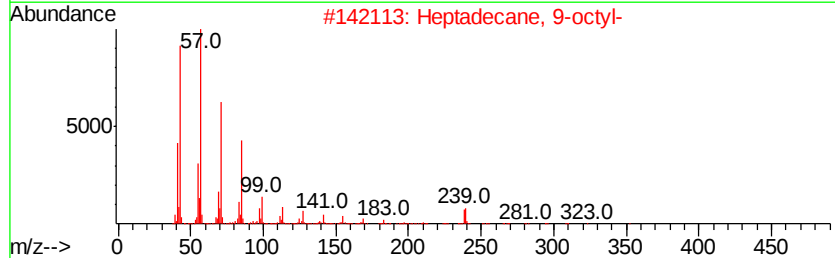
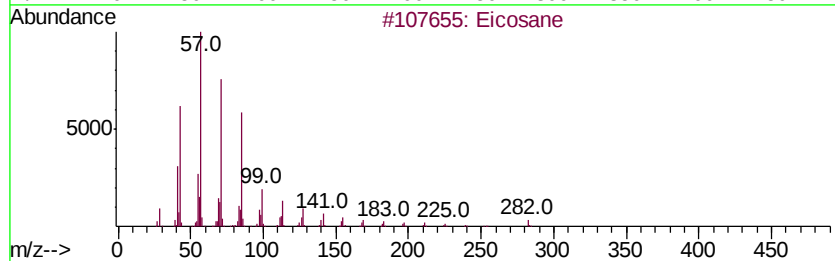
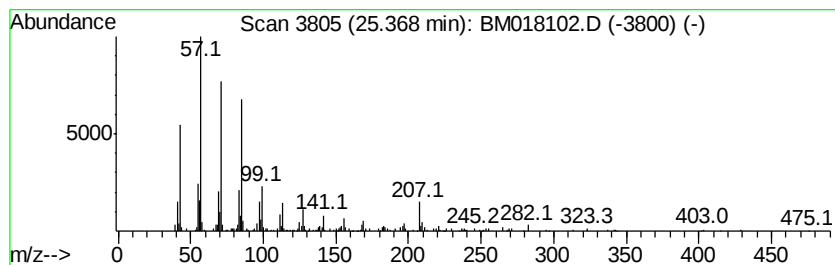
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.37	4.57 ng/ul	529128	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121218\
Data File : BM018102.D
Acq On : 12 Dec 2018 20:52
Operator : JU/SJ
Sample : J6227-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.86	5.0	ng/ul	367596	4	16.95	1461400	20.0
(DEL) Alkane: Cyc...	20.89	2.6	ng/ul	266175	5	21.17	2039000	20.0
(DEL) Alkane: Str...	22.69	3.3	ng/ul	384593	6	23.34	2314290	20.0
13-Tetradecen-1-o...	22.74	2.3	ng/ul	265971	6	23.34	2314290	20.0
(DEL) Alkane: Str...	23.84	4.5	ng/ul	523633	6	23.34	2314290	20.0
(DEL) Alkane: Str...	24.54	2.6	ng/ul	305689	6	23.34	2314290	20.0
(DEL) Alkane: Str...	25.37	4.6	ng/ul	529128	6	23.34	2314290	20.0