

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018164.D
 Acq On : 14 Dec 2018 12:26
 Operator : JU/SJ
 Sample : J6271-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E32

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-BM121318MA.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	3.104	33	37	51	rVB	19792	31716	1.23%	0.096%
2	3.599	118	121	127	rBV6	6936	10490	0.41%	0.032%
3	3.699	134	138	143	rBV	17596	25851	1.01%	0.078%
4	3.793	151	154	158	rBV2	7052	8238	0.32%	0.025%
5	3.904	169	173	176	rVB2	13024	17833	0.69%	0.054%
6	4.157	212	216	219	rBV3	3351	3896	0.15%	0.012%
7	4.204	221	224	227	rVV	4057	3992	0.16%	0.012%
8	4.481	269	271	277	rVB2	1712	2906	0.11%	0.009%
9	4.669	299	303	306	rBV	21523	31658	1.23%	0.096%
10	5.940	514	519	523	rVB2	11660	16701	0.65%	0.050%
11	6.704	643	649	662	rBV2	398592	781072	30.37%	2.360%
12	6.863	669	676	688	rBV	341374	516795	20.10%	1.562%
13	7.045	701	707	720	rBV	433868	695877	27.06%	2.103%
14	7.510	779	786	796	rVV	523898	846442	32.92%	2.558%
15	7.587	796	799	803	rVB2	2984	4100	0.16%	0.012%
16	8.228	902	908	924	rBV	464068	818046	31.81%	2.472%
17	8.334	924	926	932	rVB3	4307	6232	0.24%	0.019%
18	8.663	973	982	996	rBV	392203	662725	25.77%	2.003%
19	9.045	1042	1047	1053	rBV2	20717	27329	1.06%	0.083%
20	9.375	1097	1103	1112	rBV	333781	569033	22.13%	1.720%
21	9.910	1187	1194	1216	rBV	488598	915294	35.59%	2.766%
22	10.275	1247	1256	1266	rBV	810721	1330993	51.76%	4.022%
23	10.433	1276	1283	1302	rBV	214524	506074	19.68%	1.529%
24	11.527	1467	1469	1474	rVB2	2587	3071	0.12%	0.009%
25	11.892	1527	1531	1532	rBV2	3887	5012	0.19%	0.015%
26	13.469	1794	1799	1801	rBV2	9116	11986	0.47%	0.036%
27	13.586	1813	1819	1824	rBV	948071	1340097	52.11%	4.050%
28	13.633	1824	1827	1839	rVB	208511	312534	12.15%	0.944%
29	13.851	1855	1864	1876	rBV	1031011	1535782	59.72%	4.641%
30	14.074	1897	1902	1906	rBV3	3280	4378	0.17%	0.013%
31	14.163	1909	1917	1927	rBV2	1082640	1613987	62.76%	4.877%
32	14.416	1951	1960	1970	rBV	195821	443912	17.26%	1.341%
33	14.521	1976	1978	1981	rVB3	4257	3861	0.15%	0.012%
34	14.621	1990	1995	2001	rVB5	11539	20673	0.80%	0.062%

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35	14.780	2019	2022	2025	rVB3	2931	3146	0.12%	0.010%
36	14.821	2025	2029	2032	rBV2	3503	5573	0.22%	0.017%
37	14.974	2050	2055	2059	rVB2	3499	4741	0.18%	0.014%
38	15.033	2059	2065	2069	rVB2	5970	8759	0.34%	0.026%
39	15.086	2072	2074	2078	rBV2	2289	3267	0.13%	0.010%
40	15.168	2081	2088	2099	rBV	1430570	2089830	81.27%	6.315%
41	15.315	2107	2113	2125	rBV	293283	468326	18.21%	1.415%
42	15.410	2125	2129	2133	rVV3	15675	21839	0.85%	0.066%
43	15.539	2146	2151	2155	rBV	2482	3110	0.12%	0.009%
44	15.592	2155	2160	2164	rBV2	2611	5280	0.21%	0.016%
45	15.898	2208	2212	2217	rBV4	4480	7995	0.31%	0.024%
46	16.304	2279	2281	2286	rVB	4935	3713	0.14%	0.011%
47	16.357	2286	2290	2295	rBV3	3605	5412	0.21%	0.016%
48	16.492	2310	2313	2317	rVB2	4338	5347	0.21%	0.016%
49	16.709	2343	2350	2356	rBV3	7902	20955	0.81%	0.063%
50	16.845	2368	2373	2377	rBV3	12617	18204	0.71%	0.055%
51	16.921	2380	2386	2397	rVV2	1445745	2083398	81.02%	6.296%
52	17.021	2397	2403	2413	rVV2	1622213	2329912	90.60%	7.041%
53	17.121	2418	2420	2423	rVB2	3872	3480	0.14%	0.011%
54	17.162	2423	2427	2430	rVB3	2852	4444	0.17%	0.013%
55	17.268	2442	2445	2446	rVV3	2867	2823	0.11%	0.009%
56	17.292	2446	2449	2451	rVV3	4300	4266	0.17%	0.013%
57	17.327	2453	2455	2456	rVV2	3429	3169	0.12%	0.010%
58	17.427	2470	2472	2477	rBV6	3755	4914	0.19%	0.015%
59	17.515	2485	2487	2491	rVB2	2493	3051	0.12%	0.009%
60	17.609	2502	2503	2507	rVB3	4769	3833	0.15%	0.012%
61	17.715	2513	2521	2524	rBV7	8748	16221	0.63%	0.049%
62	17.774	2526	2531	2536	rBV6	13538	20133	0.78%	0.061%
63	17.839	2536	2542	2549	rBV	283986	414721	16.13%	1.253%
64	17.904	2552	2553	2558	rVV4	14108	18484	0.72%	0.056%
65	17.974	2562	2565	2566	rVV2	4802	4604	0.18%	0.014%
66	17.992	2566	2568	2573	rVB6	2368	3636	0.14%	0.011%
67	18.068	2579	2581	2585	rVB5	4696	5171	0.20%	0.016%
68	18.133	2585	2592	2593	rBV3	8372	13007	0.51%	0.039%
69	18.186	2599	2601	2603	rVB2	4420	3810	0.15%	0.012%
70	18.298	2619	2620	2624	rBV4	3020	2737	0.11%	0.008%
71	18.333	2624	2626	2627	rBV2	3773	2850	0.11%	0.009%

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72	18.439	2642	2644	2651	rVB5	12011	16850	0.66%	0.051%
73	18.521	2656	2658	2662	rBV5	4424	6631	0.26%	0.020%
74	18.762	2696	2699	2702	rBV4	7304	10577	0.41%	0.032%
75	18.798	2703	2705	2710	rVB4	8108	8858	0.34%	0.027%
76	18.927	2726	2727	2730	rBV3	3731	4551	0.18%	0.014%
77	18.980	2730	2736	2738	rVV3	29822	52662	2.05%	0.159%
78	19.003	2738	2740	2749	rVB8	26821	58145	2.26%	0.176%
79	19.133	2757	2762	2772	rBV	148255	236649	9.20%	0.715%
80	19.221	2772	2777	2782	rVB	16263	29734	1.16%	0.090%
81	19.333	2790	2796	2804	rBV	1979894	2571536	100.00%	7.771%
82	19.692	2855	2857	2859	rVB3	7283	6612	0.26%	0.020%
83	19.721	2859	2862	2863	rBV3	7945	7532	0.29%	0.023%
84	19.780	2870	2872	2873	rBV2	7984	6474	0.25%	0.020%
85	20.286	2954	2958	2963	rVB	157137	172033	6.69%	0.520%
86	20.786	3040	3043	3044	rBV3	20909	23655	0.92%	0.071%
87	20.868	3052	3057	3063	rBV	295303	399377	15.53%	1.207%
88	21.144	3098	3104	3111	rBV	1803944	2437610	94.79%	7.366%
89	21.421	3149	3151	3157	rBV5	36804	48523	1.89%	0.147%
90	21.727	3200	3203	3205	rBV3	80125	76883	2.99%	0.232%
91	21.756	3206	3208	3211	rVB4	60141	58480	2.27%	0.177%
92	22.174	3276	3279	3283	rVB2	94338	111843	4.35%	0.338%
93	22.656	3356	3361	3367	rBV	344048	506695	19.70%	1.531%
94	23.168	3442	3448	3459	rVB	1231869	2474709	96.23%	7.478%
95	23.303	3465	3471	3477	rVB2	979856	1752370	68.14%	5.295%
96	23.444	3493	3495	3499	rBV2	49783	44259	1.72%	0.134%
97	23.797	3551	3555	3563	rVB	283032	515736	20.06%	1.558%
98	23.891	3567	3571	3577	rVB8	95505	194756	7.57%	0.589%
99	24.497	3670	3674	3681	rVB3	128054	266641	10.37%	0.806%
100	25.309	3808	3812	3820	rVB2	116047	239537	9.31%	0.724%

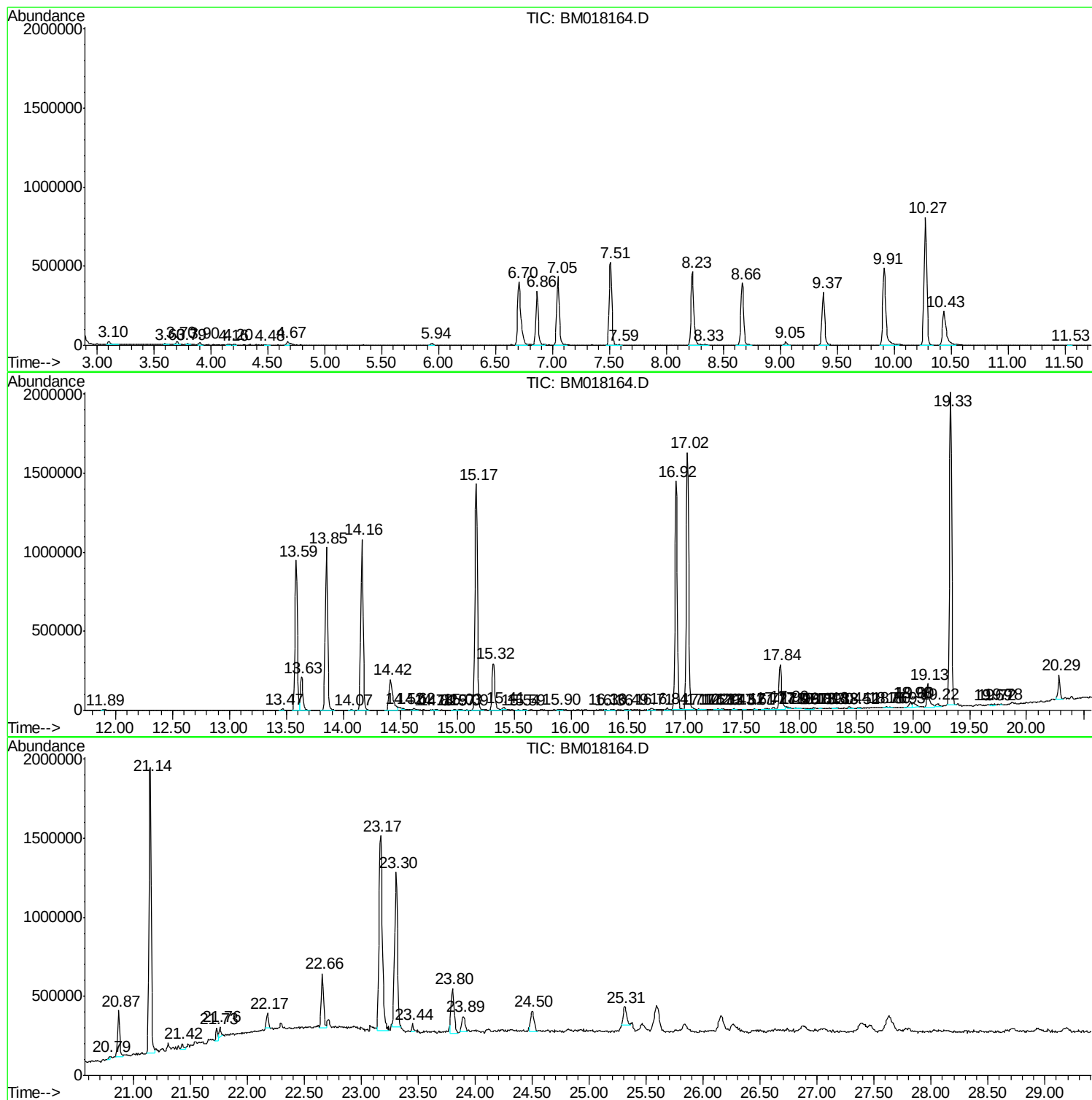
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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



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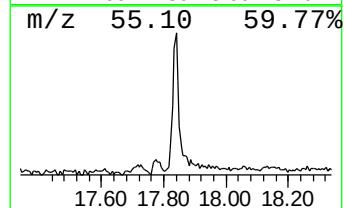
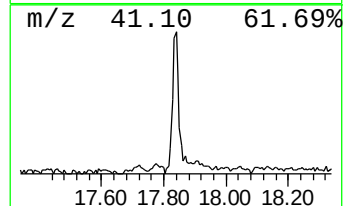
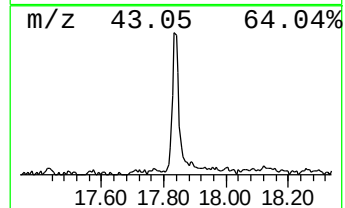
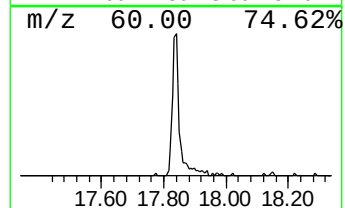
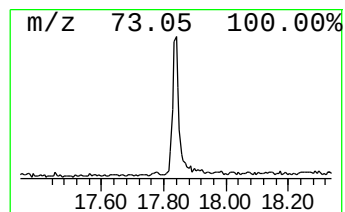
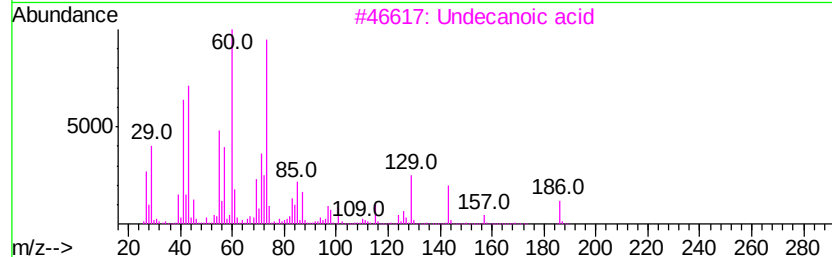
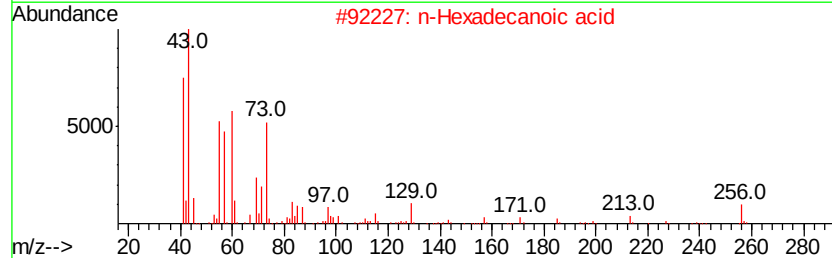
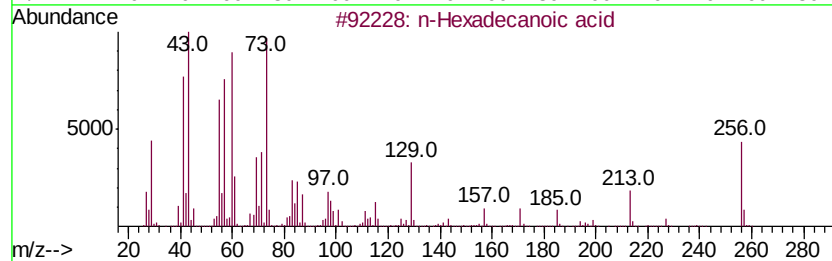
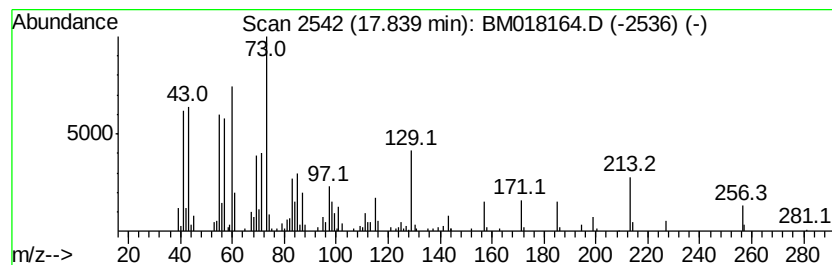
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.84	3.98 ng/ul	414721	Phenanthrene-d10		16.92	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
3	Undecanoic acid		186	C11H22O2	000112-37-8	83
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	81
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	80



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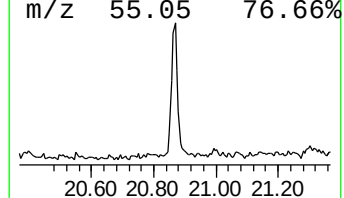
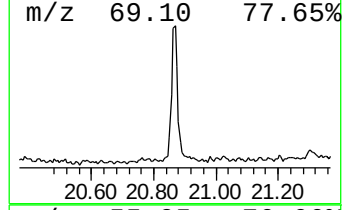
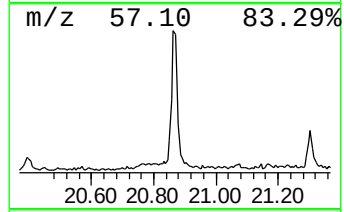
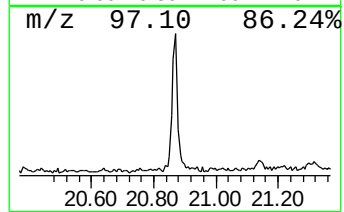
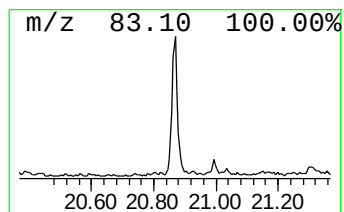
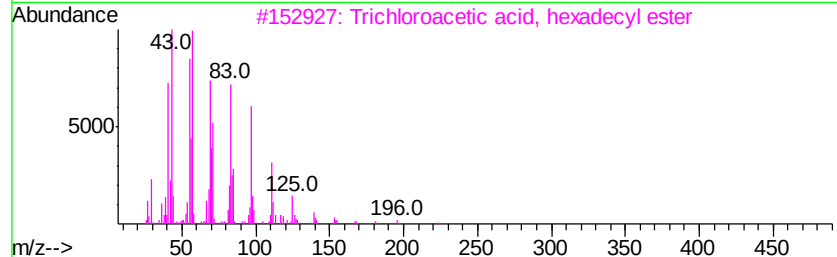
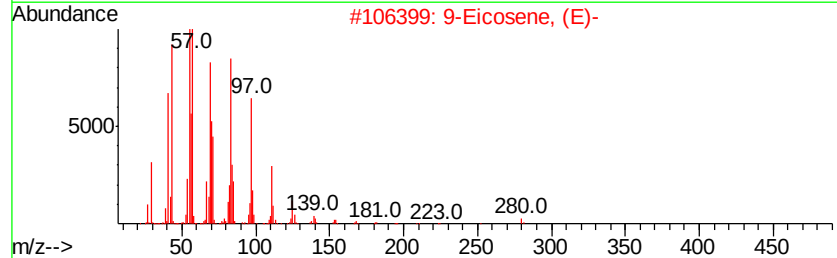
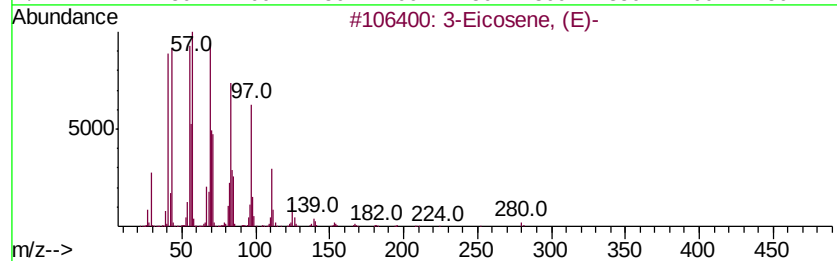
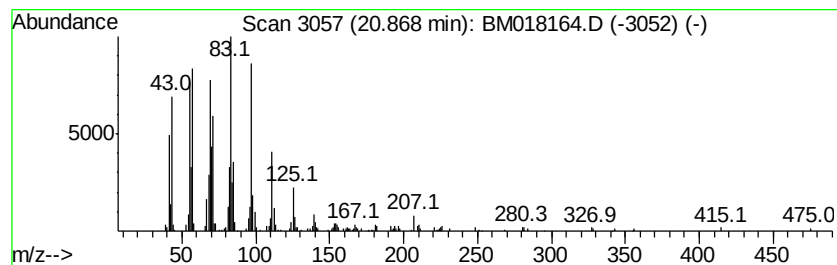
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.87 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.28 ng/ul	399377	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4		Cyclopentadecane	210	C15H30	000295-48-7	83
5		1-Nonadecene	266	C19H38	018435-45-5	81



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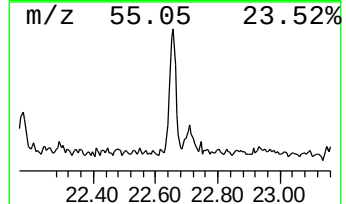
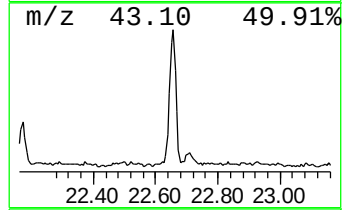
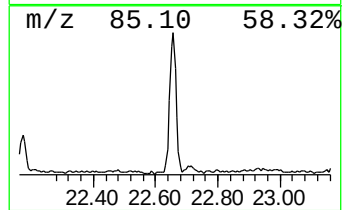
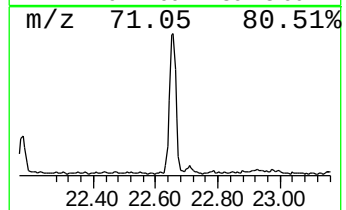
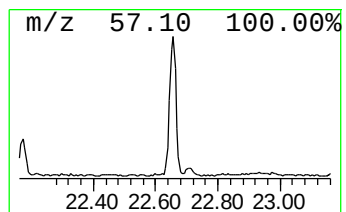
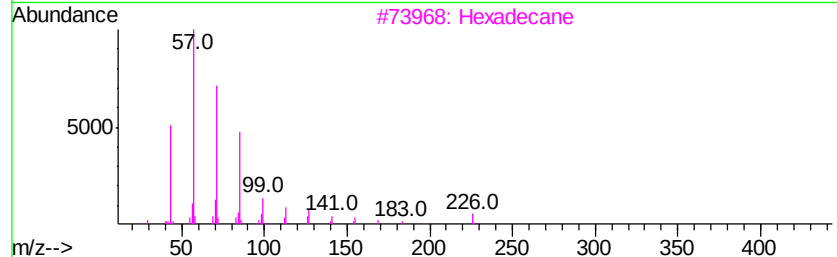
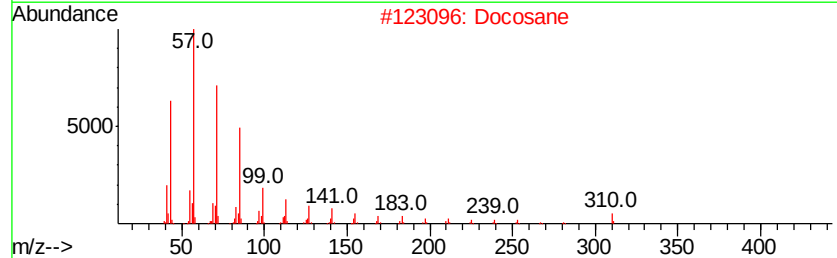
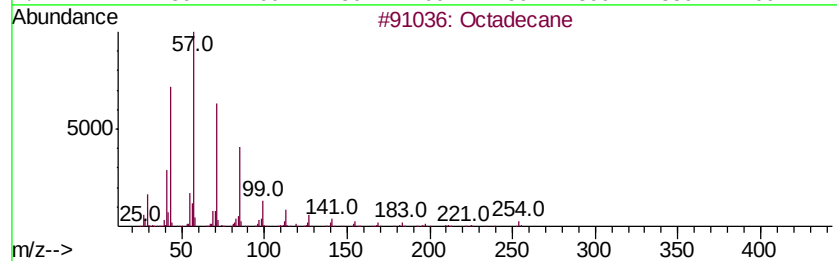
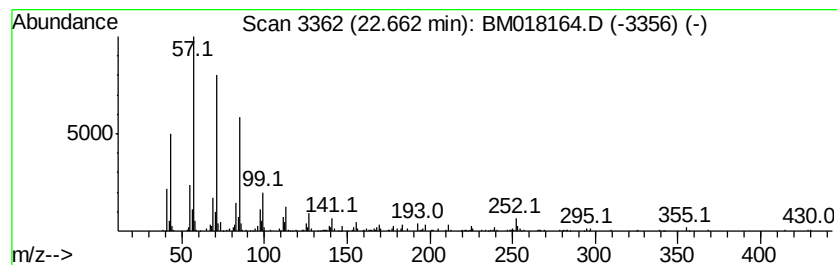
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	5.78 ng/ul	506695	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Docosane	310	C22H46	000629-97-0	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018164.D
Acq On : 14 Dec 2018 12:26
Operator : JU/SJ
Sample : J6271-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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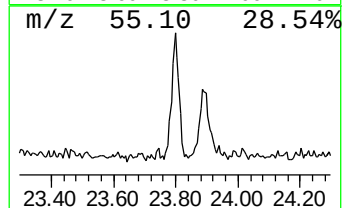
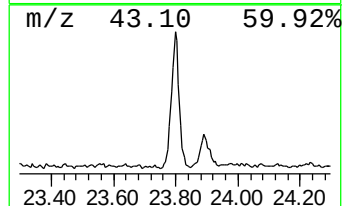
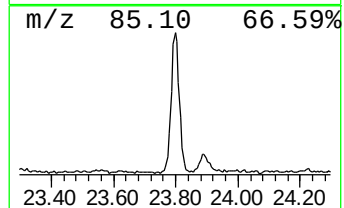
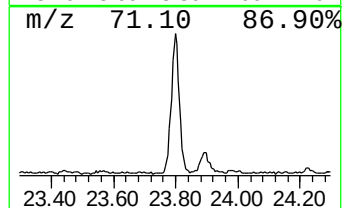
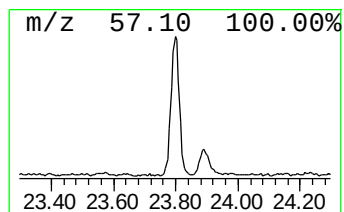
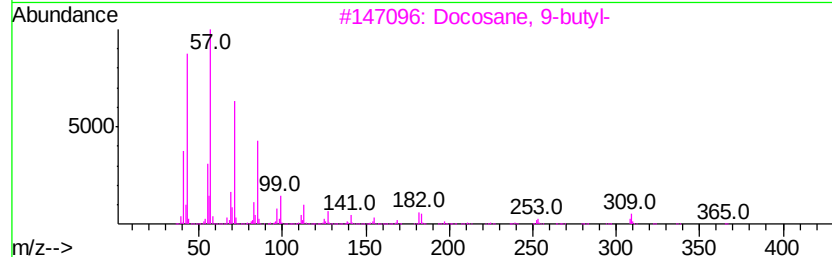
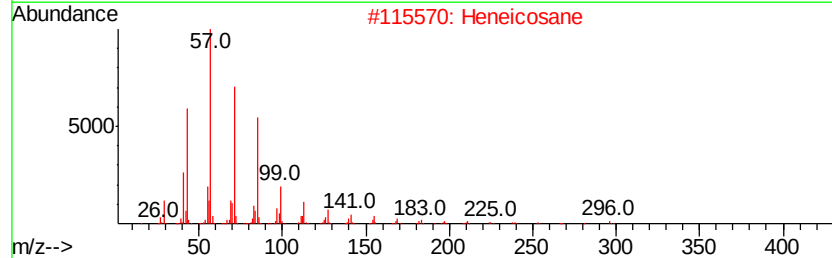
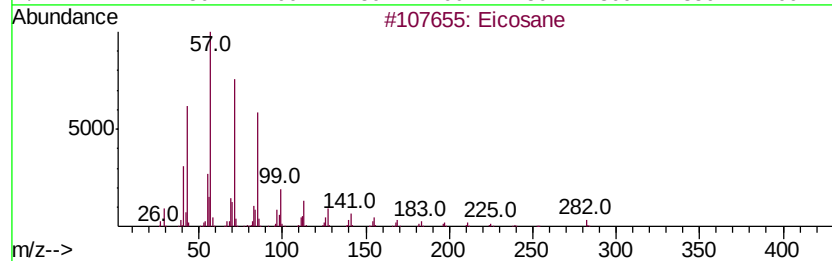
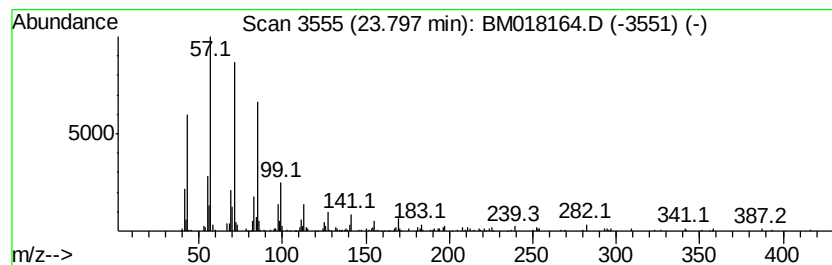
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	5.89 ng/ul	515736	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	91
4		Docosane	310	C22H46	000629-97-0	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018164.D
Acq On : 14 Dec 2018 12:26
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Sample : J6271-17
Misc :
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Instrument :
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ClientSampleId :
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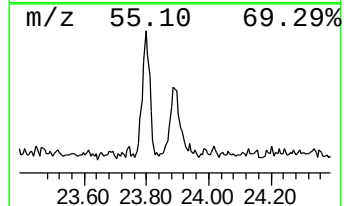
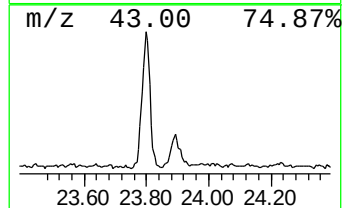
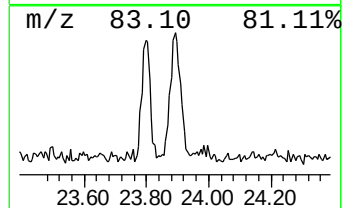
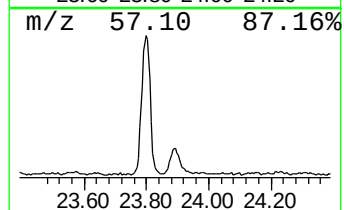
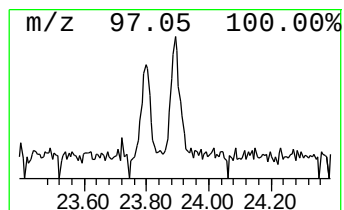
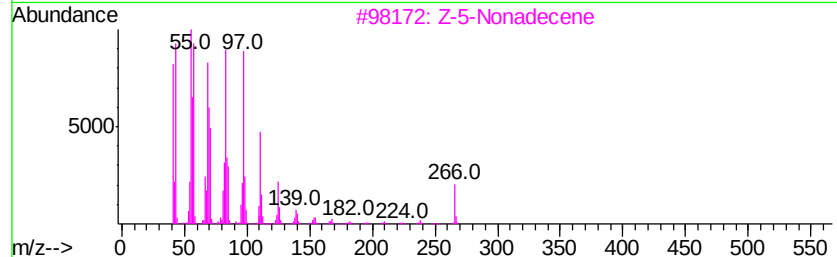
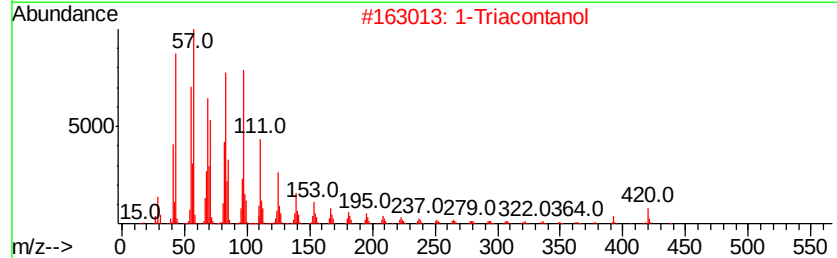
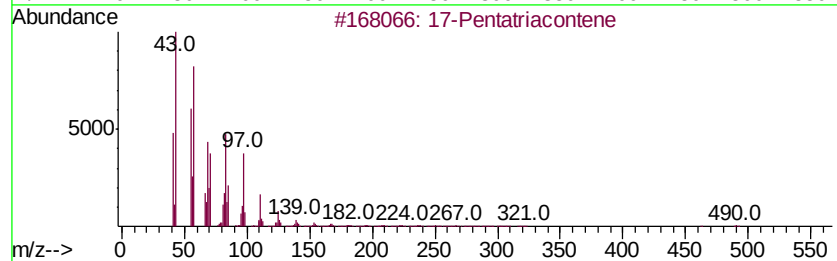
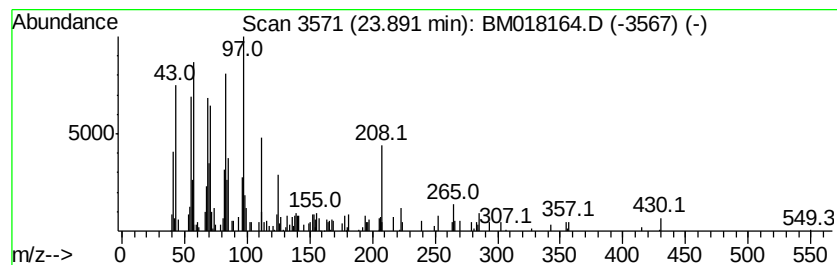
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic23.89 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.22 ng/ul	194756	Perylene-d12	23.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		17-Pentatriacontene	491	C35H70	006971-40-0	81
2		1-Triacontanol	438	C30H62O	000593-50-0	72
3		Z-5-Nonadecene	266	C19H38	1000131-11-8	72
4		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	72
5		1-Heptacosanol	396	C27H56O	002004-39-9	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018164.D
Acq On : 14 Dec 2018 12:26
Operator : JU/SJ
Sample : J6271-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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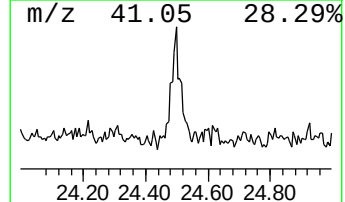
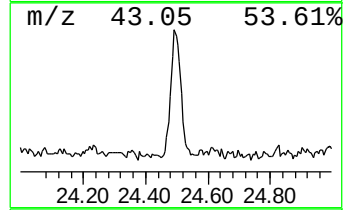
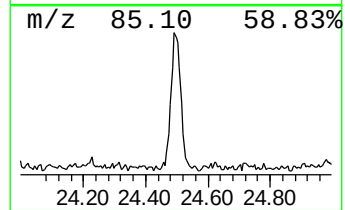
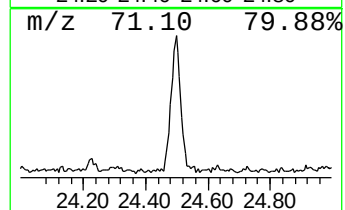
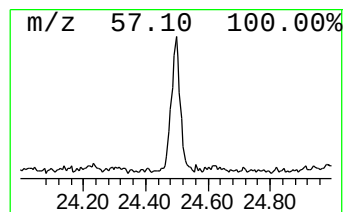
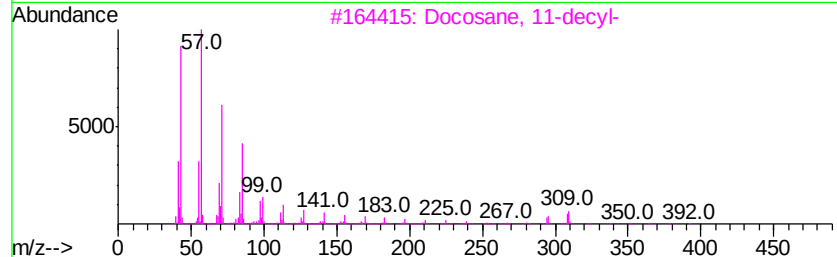
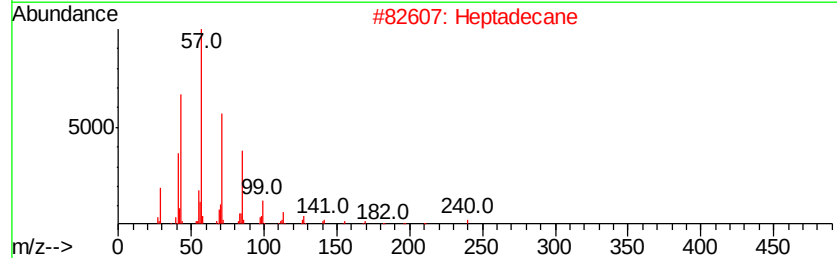
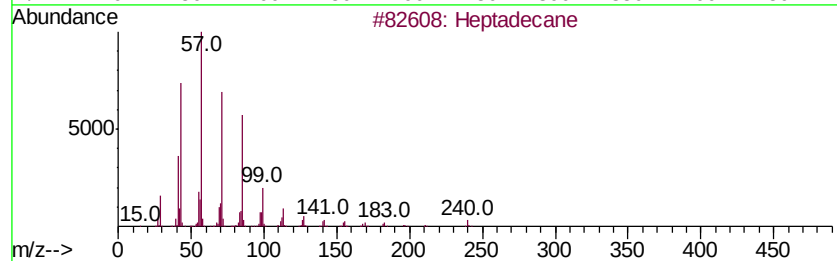
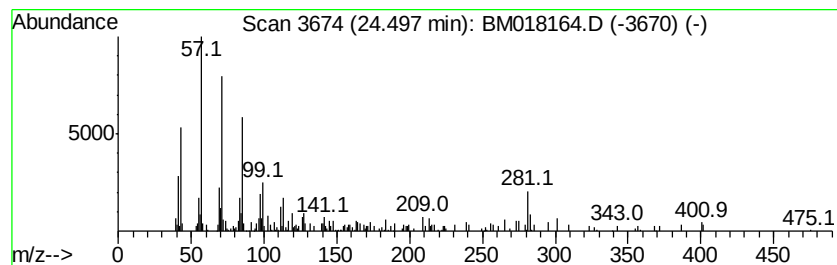
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Quant Title : SVOA CALIBRATION

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.
24.50	3.04 ng/ul	266641	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	86
2		Heptadecane	240	C17H36	000629-78-7	86
3		Docosane, 11-decyl-	451	C32H66	055401-55-3	72
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	72
5		Tetratriacontane	479	C34H70	014167-59-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018164.D
Acq On : 14 Dec 2018 12:26
Operator : JU/SJ
Sample : J6271-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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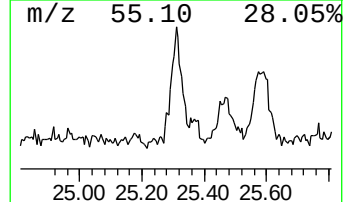
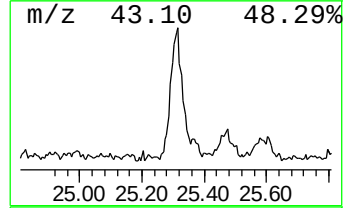
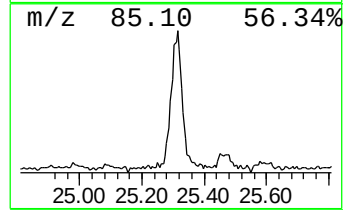
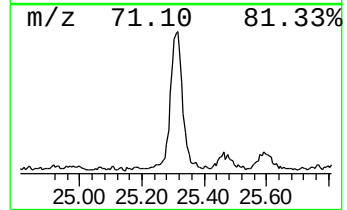
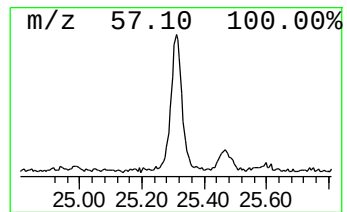
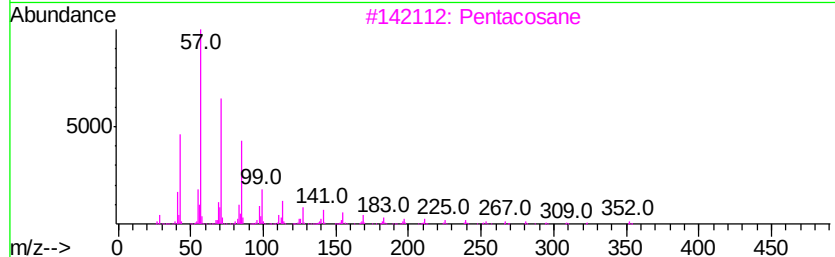
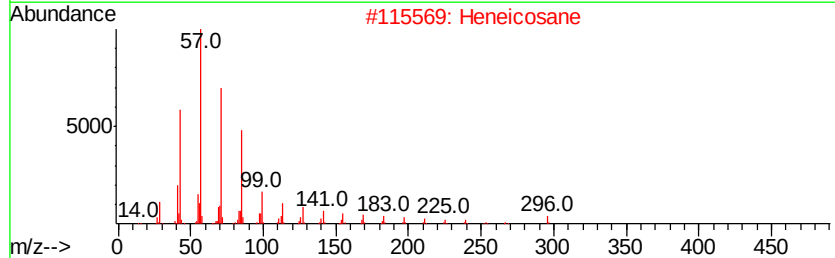
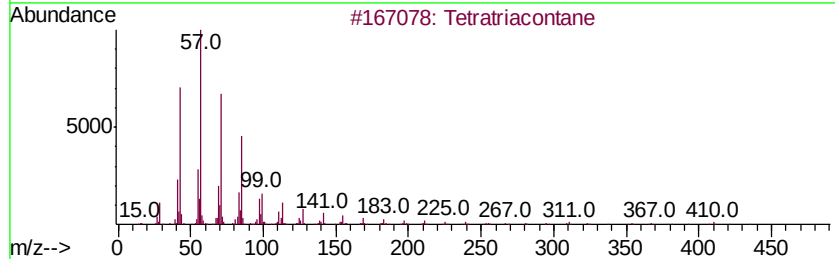
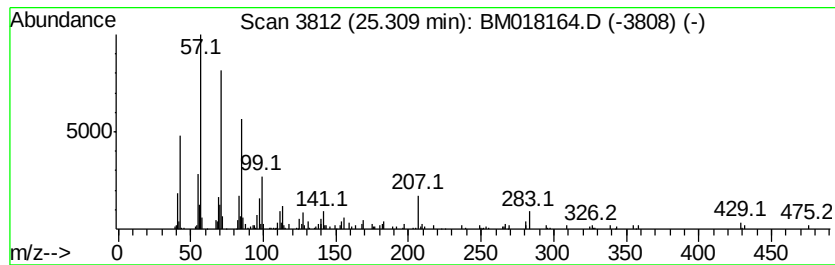
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.31	2.73 ng/ul	239537	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	76
2		Heneicosane	296	C21H44	000629-94-7	68
3		Pentacosane	352	C25H52	000629-99-2	68
4		Heneicosane	296	C21H44	000629-94-7	68
5		Hentriacontane	437	C31H64	000630-04-6	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\
Data File : BM018164.D
Acq On : 14 Dec 2018 12:26
Operator : JU/SJ
Sample : J6271-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.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	17.84	4.0	ng/ul	414721	4	16.92	2083400	20.0
(DEL) Alkane: Cyc...	20.87	3.3	ng/ul	399377	5	21.14	2437610	20.0
(DEL) Alkane: Str...	22.66	5.8	ng/ul	506695	6	23.30	1752370	20.0
(DEL) Alkane: Str...	23.80	5.9	ng/ul	515736	6	23.30	1752370	20.0
(DEL) Alkane: Cyc...	23.89	2.2	ng/ul	194756	6	23.30	1752370	20.0
(DEL) Alkane: Str...	24.50	3.0	ng/ul	266641	6	23.30	1752370	20.0
(DEL) Alkane: Str...	25.31	2.7	ng/ul	239537	6	23.30	1752370	20.0