

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021504.D
 Acq On : 18 Jul 2019 00:06
 Operator : HP/JU
 Sample : K3772-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52R8

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-BM070819MA.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	6.898	660	665	679	rVB	160143	295391	5.87%	0.654%
2	7.063	688	693	703	rVB	476424	779008	15.48%	1.724%
3	7.257	720	726	737	rVB	585719	952903	18.94%	2.108%
4	7.722	799	805	813	rVB	634118	1005441	19.98%	2.225%
5	8.428	919	925	939	rVB	460667	763935	15.18%	1.690%
6	8.881	996	1002	1013	rBV	651341	1113639	22.13%	2.464%
7	9.598	1117	1124	1133	rBV	559305	900850	17.90%	1.993%
8	10.133	1207	1215	1233	rBV	757467	1440702	28.63%	3.188%
9	10.504	1271	1278	1287	rVB	859710	1393648	27.70%	3.083%
10	10.669	1300	1306	1316	rVB	52876	109112	2.17%	0.241%
11	12.110	1546	1551	1557	rBV2	9207	17312	0.34%	0.038%
12	12.704	1647	1652	1658	rBV4	4242	7229	0.14%	0.016%
13	12.963	1692	1696	1700	rVB3	6157	8311	0.17%	0.018%
14	13.251	1737	1745	1753	rBV	81215	121700	2.42%	0.269%
15	13.780	1827	1835	1840	rBV	1647853	2212062	43.96%	4.894%
16	13.827	1840	1843	1852	rVB	213273	292121	5.81%	0.646%
17	14.057	1875	1882	1895	rVB	1857070	2683500	53.33%	5.937%
18	14.363	1928	1934	1944	rBV2	1241284	1853172	36.83%	4.100%
19	14.439	1944	1947	1959	rVV5	9071	23713	0.47%	0.052%
20	14.604	1967	1975	1990	rBV2	59104	143200	2.85%	0.317%
21	14.786	2001	2006	2010	rBV4	10580	12111	0.24%	0.027%
22	15.121	2060	2063	2066	rBV2	4145	5198	0.10%	0.012%
23	15.163	2066	2070	2073	rVB3	4380	6483	0.13%	0.014%
24	15.198	2073	2076	2082	rBV4	7600	12474	0.25%	0.028%
25	15.363	2097	2104	2115	rBV	2404509	3397876	67.53%	7.518%
26	15.498	2120	2127	2141	rVV	543190	817935	16.26%	1.810%
27	15.604	2141	2145	2152	rVB	23950	32811	0.65%	0.073%
28	15.733	2164	2167	2171	rBV5	3990	5130	0.10%	0.011%
29	15.798	2173	2178	2181	rVB3	4330	5616	0.11%	0.012%
30	15.915	2193	2198	2202	rBV4	2908	5350	0.11%	0.012%
31	16.068	2221	2224	2227	rVV2	4275	5249	0.10%	0.012%
32	16.145	2234	2237	2241	rVB3	9150	12083	0.24%	0.027%
33	16.386	2274	2278	2281	rBV2	3436	5672	0.11%	0.013%
34	16.521	2297	2301	2304	rBV2	16012	22283	0.44%	0.049%

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Integration Parameters: LSCINT.P

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35	16.798	2344	2348	2349	rBV3	4149	5147	0.10%	0.011%
36	16.868	2353	2360	2363	rVV3	7913	16216	0.32%	0.036%
37	16.904	2363	2366	2371	rVV2	7819	15342	0.30%	0.034%
38	16.945	2371	2373	2378	rVB4	4989	7197	0.14%	0.016%
39	17.027	2385	2387	2389	rBV3	7935	6924	0.14%	0.015%
40	17.115	2396	2402	2409	rBV2	1537499	2167515	43.08%	4.796%
41	17.215	2412	2419	2429	rVV	2552679	3674112	73.02%	8.129%
42	17.286	2429	2431	2435	rVB4	12631	16498	0.33%	0.037%
43	17.404	2448	2451	2455	rVB3	9029	10755	0.21%	0.024%
44	17.498	2462	2467	2479	rBV6	43295	100745	2.00%	0.223%
45	17.604	2481	2485	2488	rBV5	7627	11208	0.22%	0.025%
46	17.780	2512	2515	2518	rVB4	6471	8773	0.17%	0.019%
47	17.880	2528	2532	2542	rBV4	33663	65241	1.30%	0.144%
48	18.009	2549	2554	2564	rBV	300269	474884	9.44%	1.051%
49	18.080	2564	2566	2571	rVB	25883	36248	0.72%	0.080%
50	18.298	2599	2603	2607	rBV4	14994	22945	0.46%	0.051%
51	18.433	2623	2626	2629	rVB3	15603	16170	0.32%	0.036%
52	18.692	2667	2670	2674	rBV6	8623	11689	0.23%	0.026%
53	18.874	2695	2701	2708	rBV	263391	509076	10.12%	1.126%
54	18.933	2708	2711	2718	rVB3	36698	61243	1.22%	0.135%
55	19.151	2743	2748	2750	rBV2	66116	101197	2.01%	0.224%
56	19.186	2752	2754	2758	rVV	86364	112579	2.24%	0.249%
57	19.227	2758	2761	2766	rVB4	33527	45807	0.91%	0.101%
58	19.292	2768	2772	2779	rBV2	122284	183087	3.64%	0.405%
59	19.398	2788	2790	2795	rVB	20359	22382	0.44%	0.050%
60	19.515	2803	2810	2816	rBV	3169288	4425733	87.95%	9.792%
61	20.045	2894	2900	2904	rBV3	79242	137884	2.74%	0.305%
62	20.545	2982	2985	2989	rBV	95212	97189	1.93%	0.215%
63	21.009	3061	3064	3074	rVB2	251018	404559	8.04%	0.895%
64	21.303	3109	3114	3122	rBV	1819128	2501082	49.71%	5.534%
65	21.444	3135	3138	3143	rBV	201790	193108	3.84%	0.427%
66	21.880	3209	3212	3217	rBV	242599	251171	4.99%	0.556%
67	22.344	3288	3291	3299	rVB	305295	373182	7.42%	0.826%
68	22.474	3309	3313	3318	rBV	484676	624754	12.42%	1.382%
69	22.850	3374	3377	3381	rVB	330902	421388	8.37%	0.932%
70	23.415	3467	3473	3484	rVB	2679562	5031832	100.00%	11.133%
71	23.562	3492	3498	3509	rVB	1339365	2570411	51.08%	5.687%

LSC Area Percent Report

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Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

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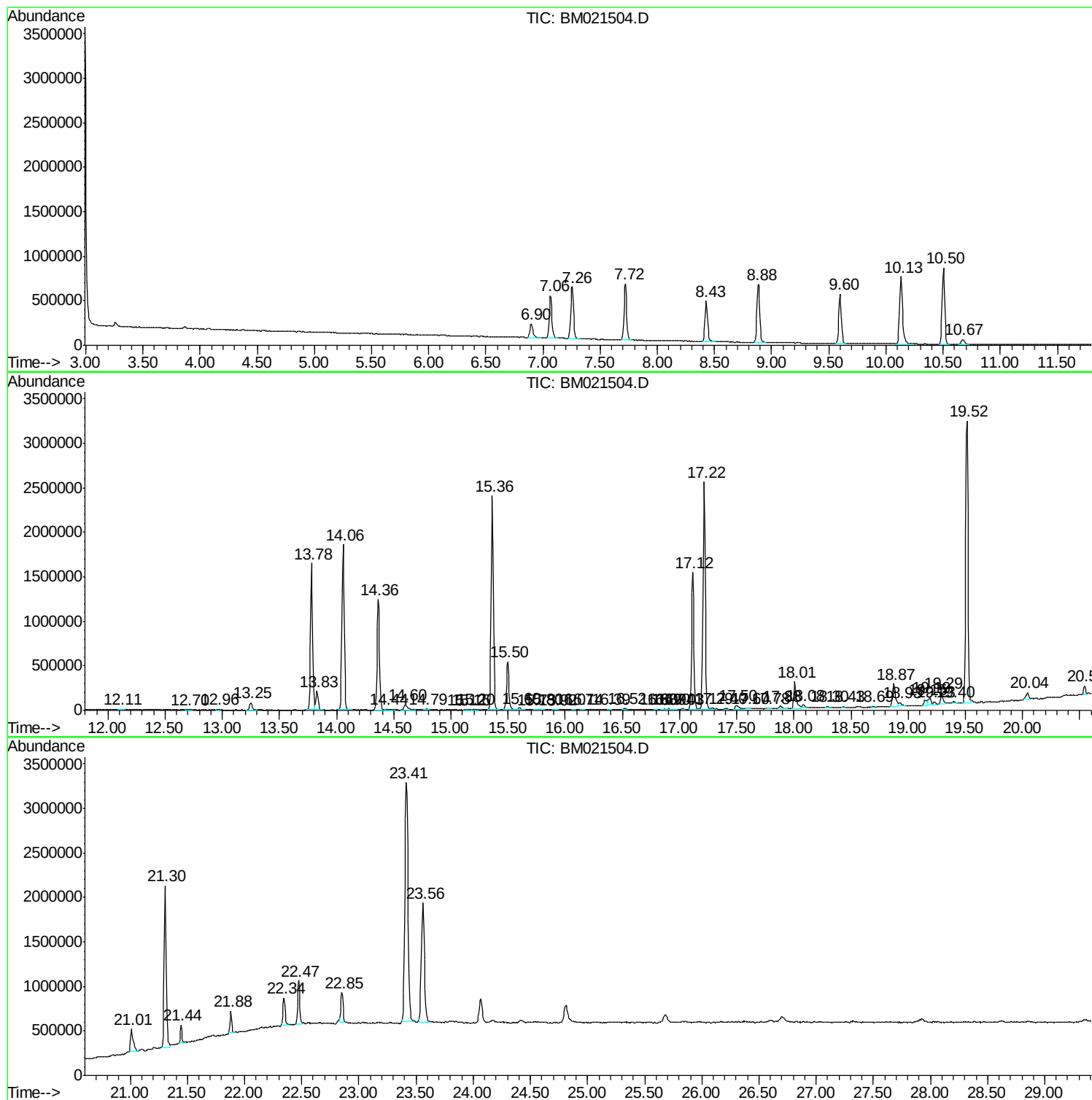
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



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Sample : K3772-15
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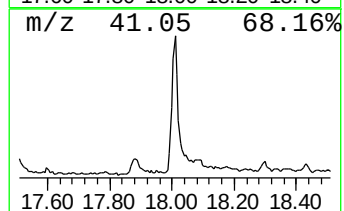
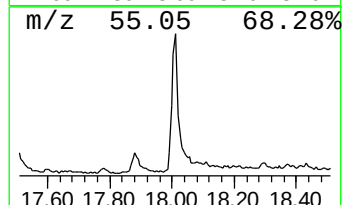
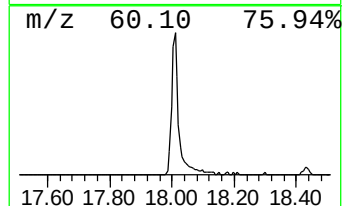
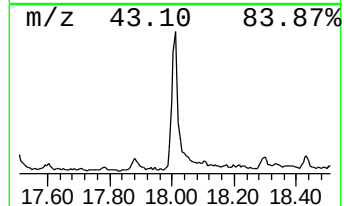
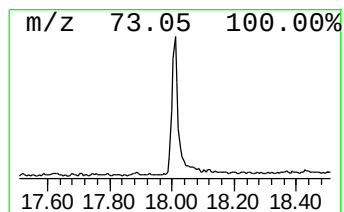
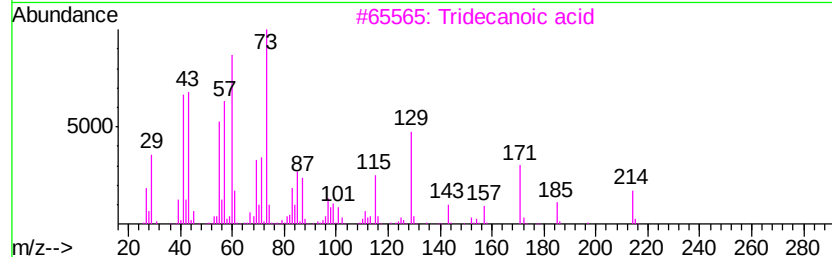
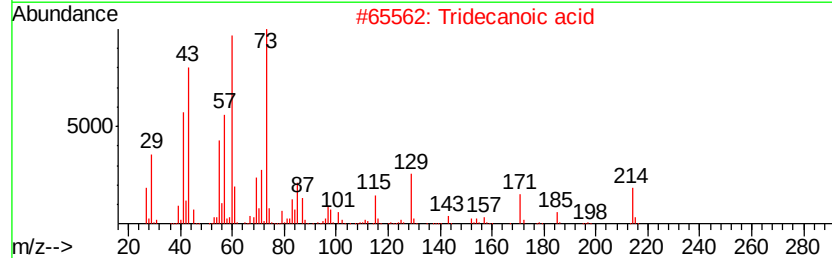
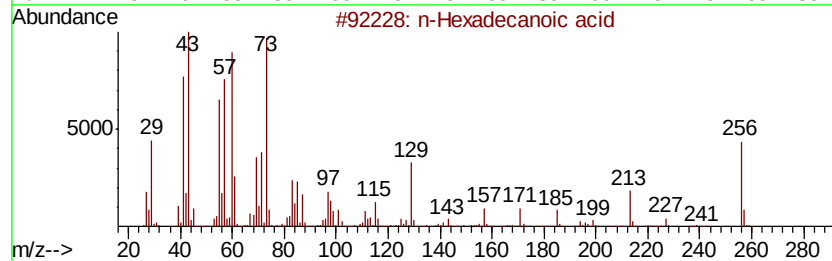
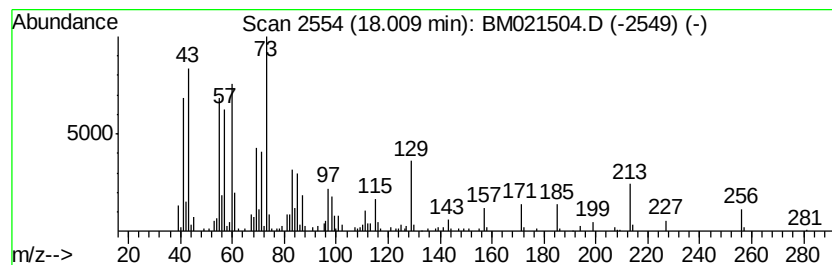
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.01	4.38 ng/ul	474884	Phenanthrene-d10	17.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53



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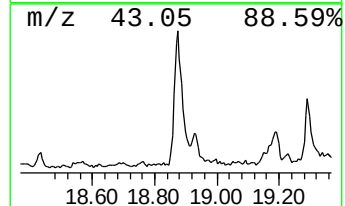
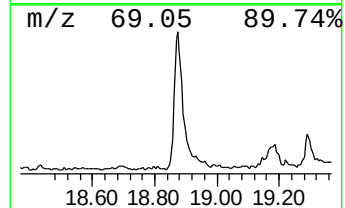
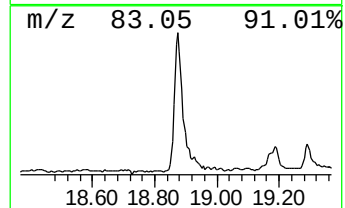
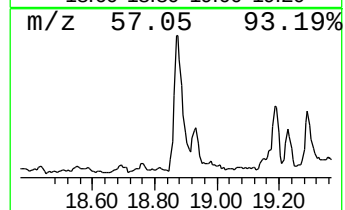
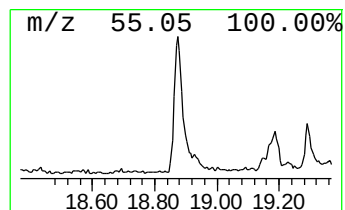
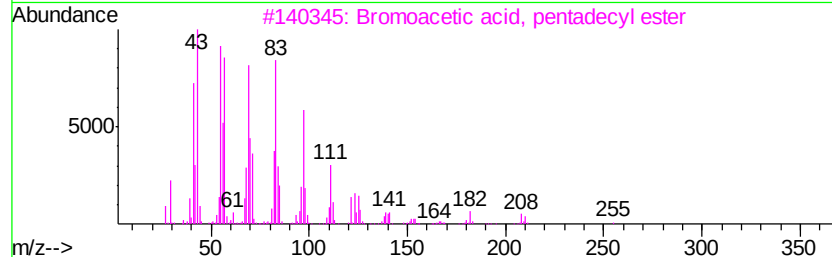
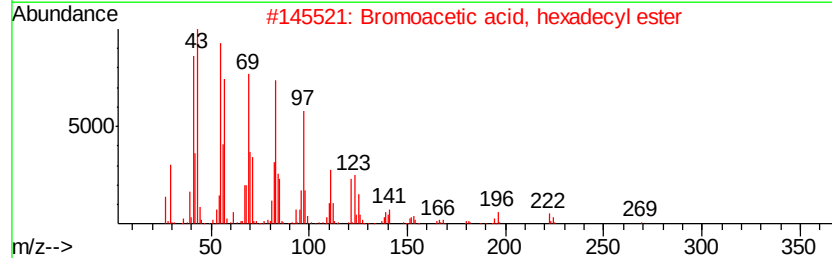
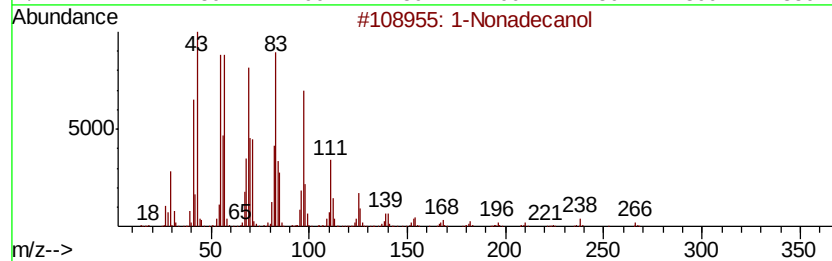
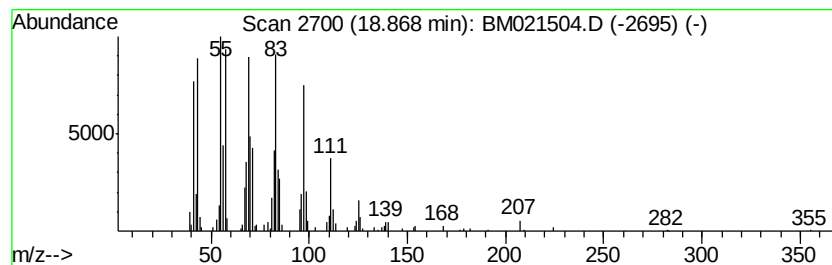
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Nonadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	4.70 ng/ul	509076	Phenanthrene-d10	17.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecanol	284 C19H40O	001454-84-8	95
2	Bromoacetic acid, hexadecyl ester	362 C18H35BrO2	005454-48-8	94
3	Bromoacetic acid, pentadecyl ester	348 C17H33BrO2	131143-01-6	94
4	1-Octadecanol	270 C18H38O	000112-92-5	94
5	1-Heptadecanol	256 C17H36O	001454-85-9	94



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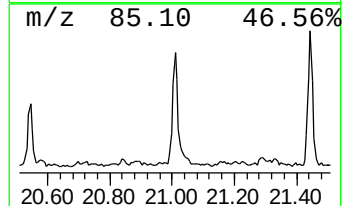
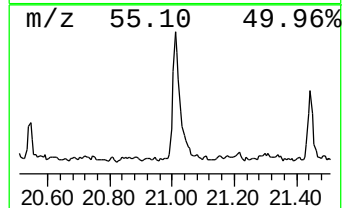
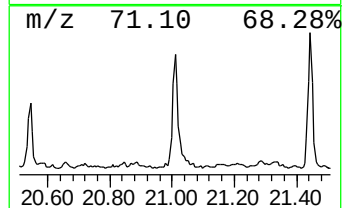
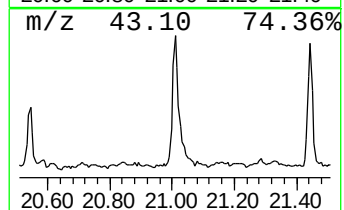
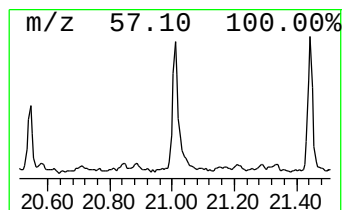
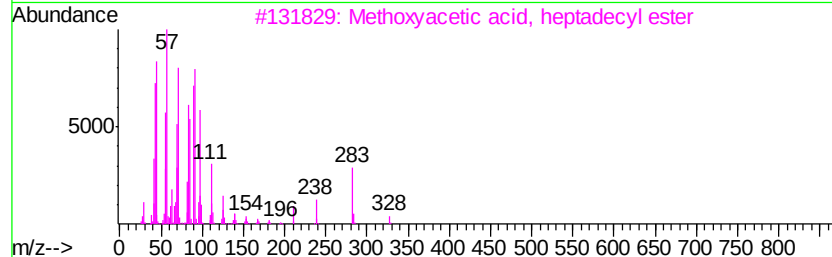
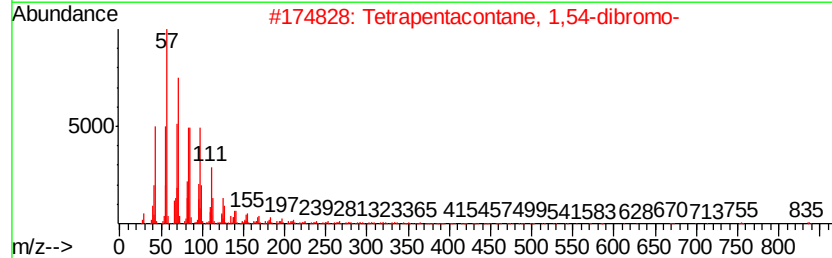
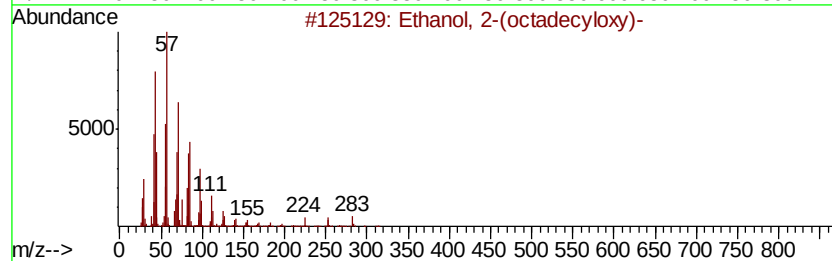
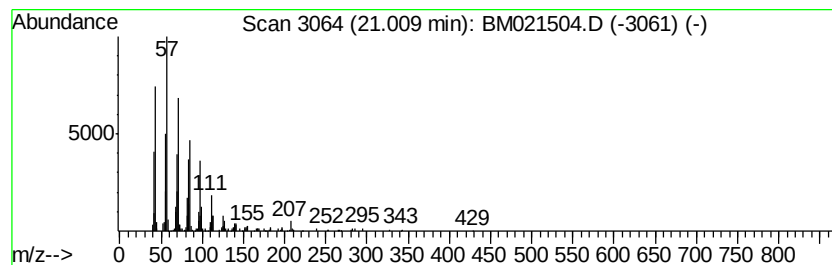
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Ethanol, 2-(octadecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	3.24 ng/ul	404559	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83
2		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	83
3		Methoxvacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	72
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	64
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	64



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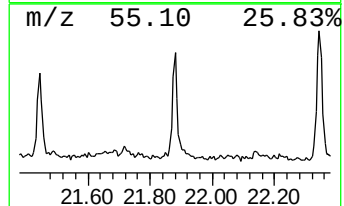
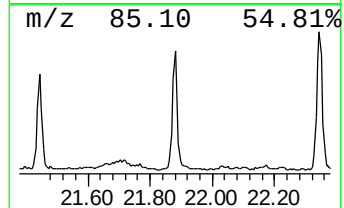
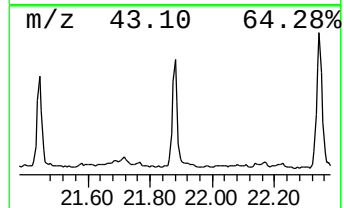
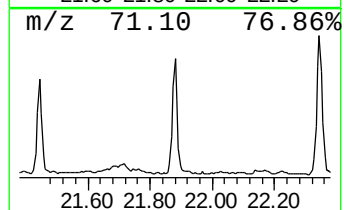
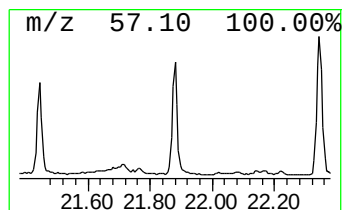
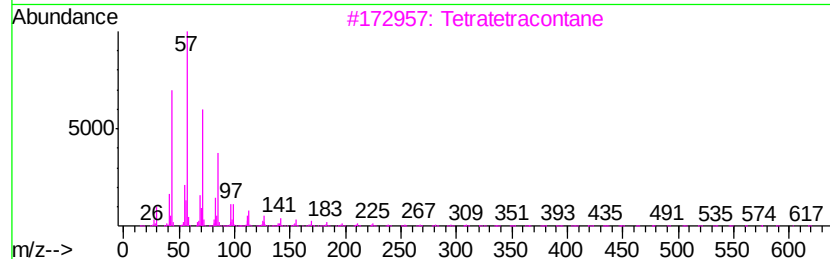
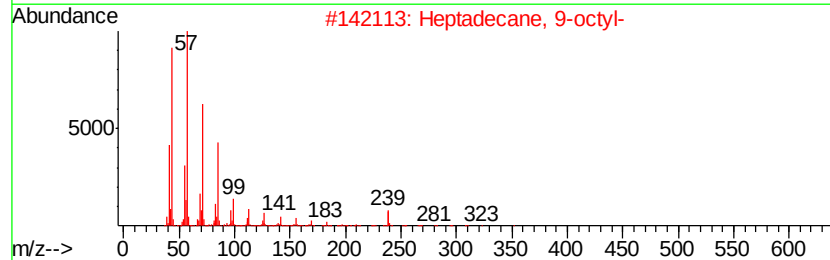
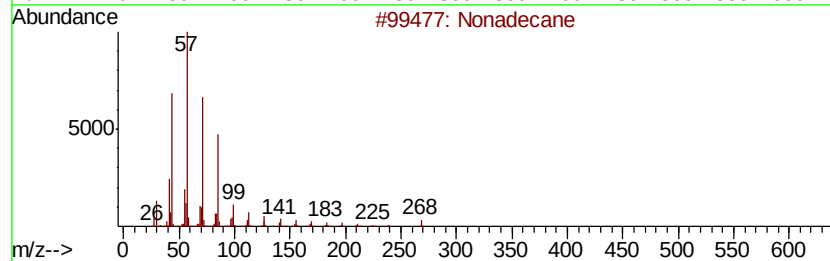
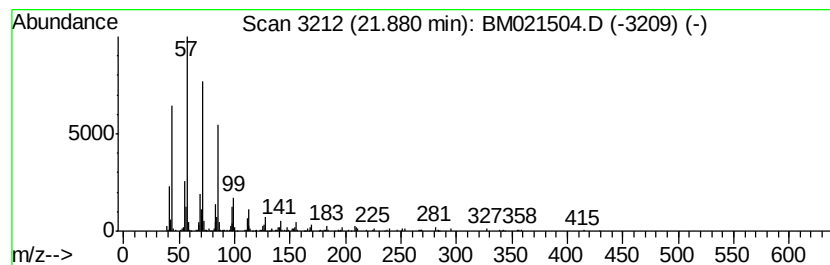
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	2.01 ng/ul	251171	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021504.D
Acq On : 18 Jul 2019 00:06
Operator : HP/JU
Sample : K3772-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52R8

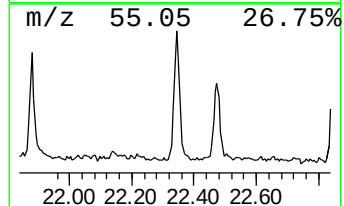
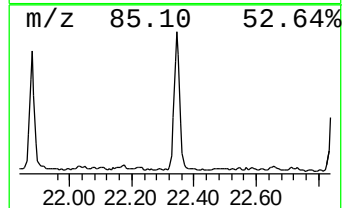
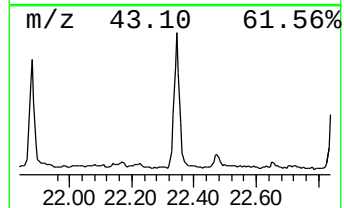
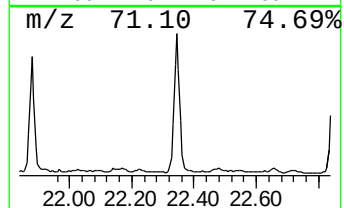
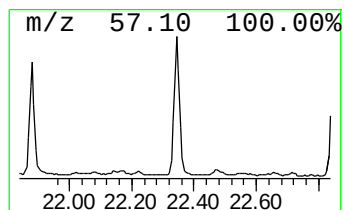
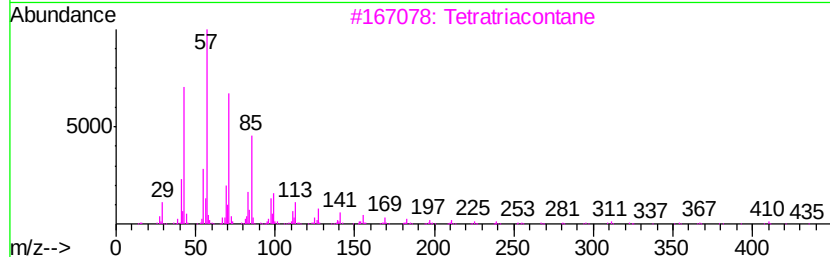
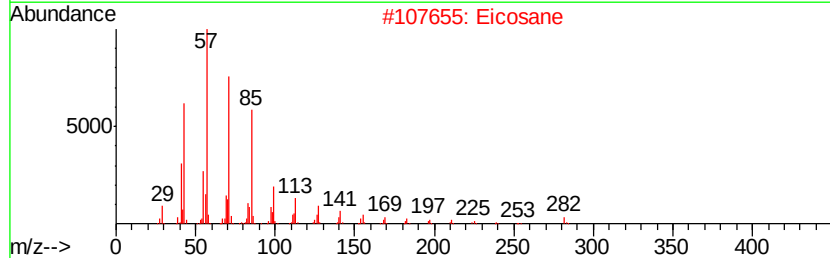
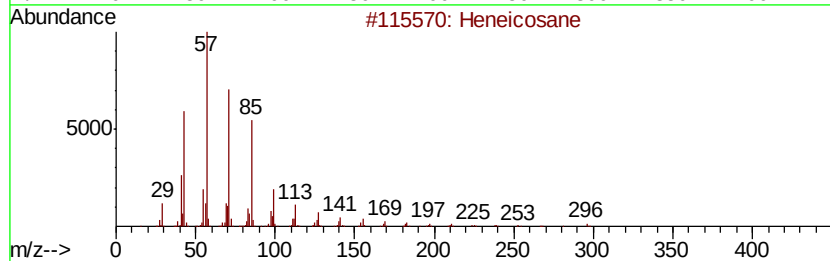
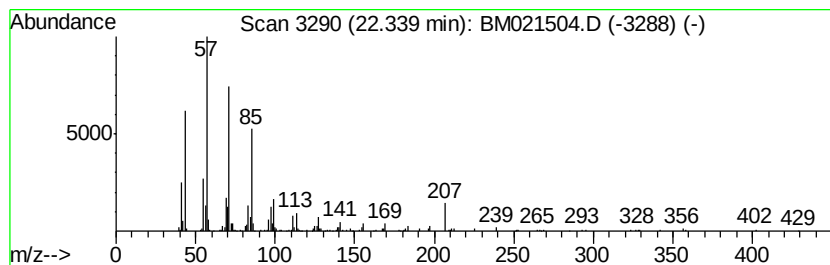
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.98 ng/ul	373182	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Eicosane	282	C20H42	000112-95-8	93
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021504.D
Acq On : 18 Jul 2019 00:06
Operator : HP/JU
Sample : K3772-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

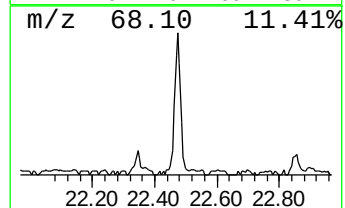
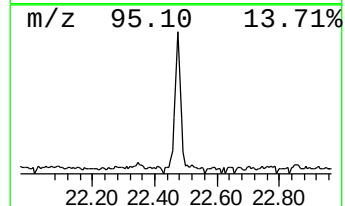
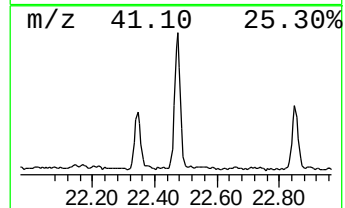
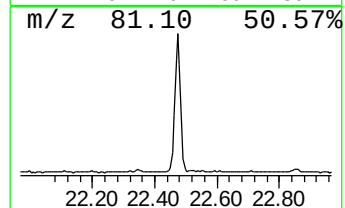
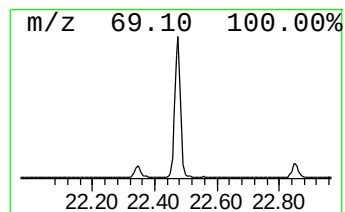
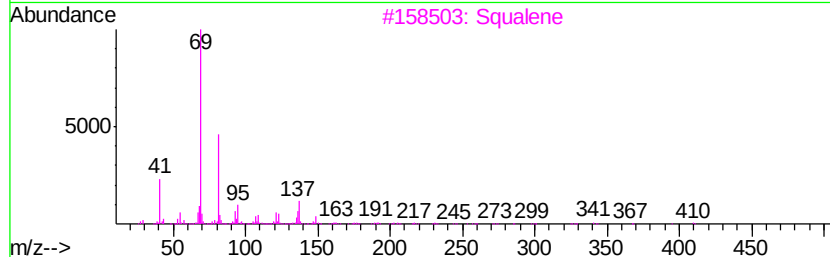
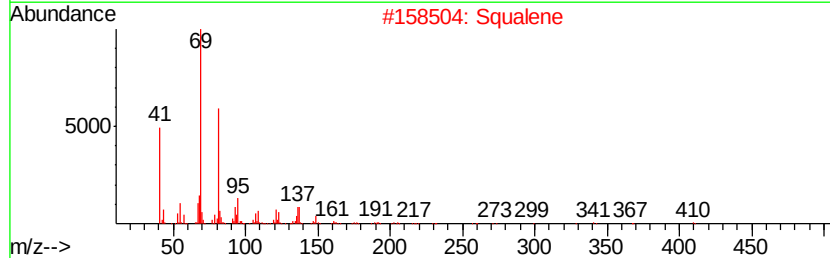
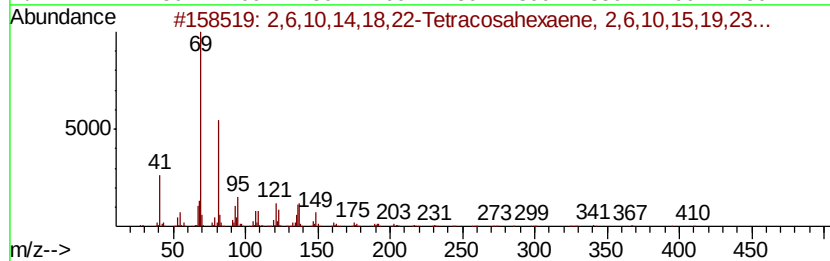
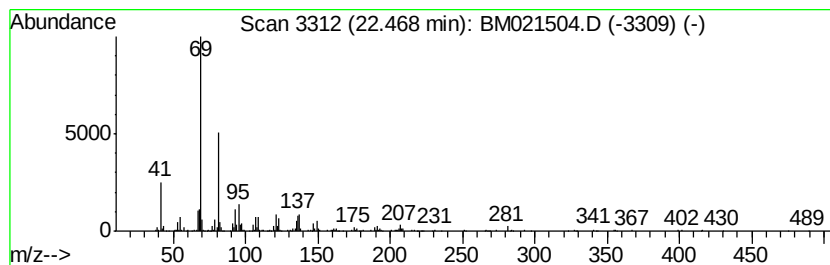
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	4.86 ng/ul	624754	Perylene-d12	23.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	87
2	Squalene	410 C30H50	007683-64-9	87
3	Squalene	410 C30H50	007683-64-9	83
4	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	83
5	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021504.D
Acq On : 18 Jul 2019 00:06
Operator : HP/JU
Sample : K3772-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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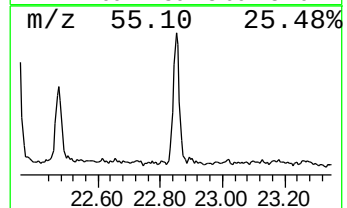
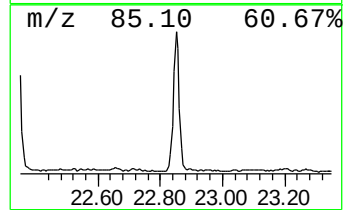
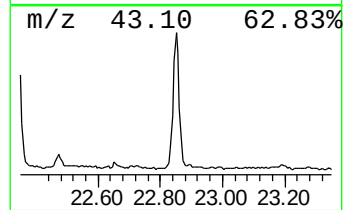
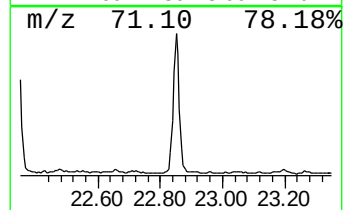
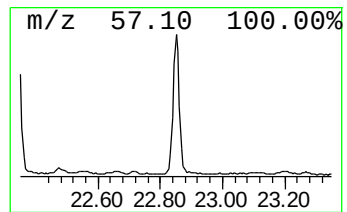
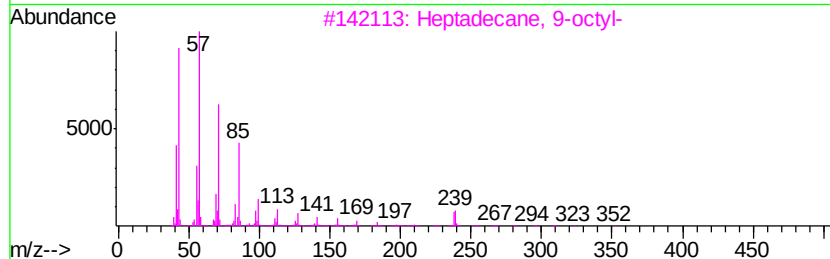
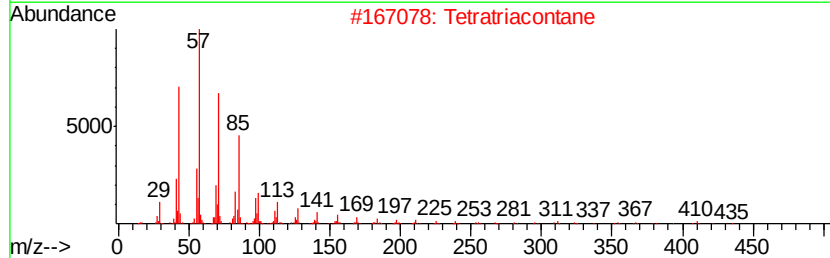
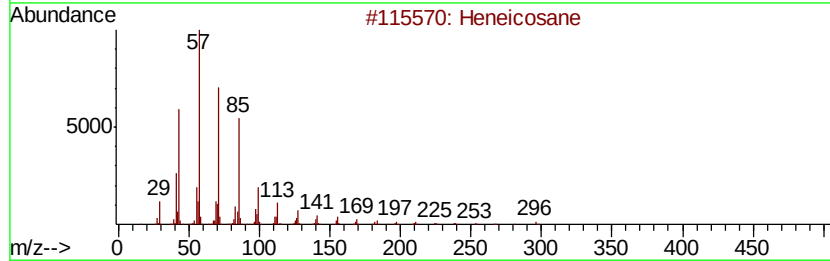
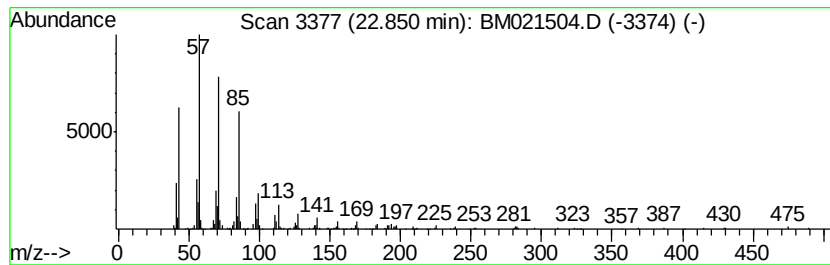
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	3.28 ng/ul	421388	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
Data File : BM021504.D
Acq On : 18 Jul 2019 00:06
Operator : HP/JU
Sample : K3772-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52R8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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	18.01	4.4	ng/ul	474884	4	17.12	2167520	20.0
1-Nonadecanol	18.87	4.7	ng/ul	509076	4	17.12	2167520	20.0
Ethanol, 2-(octad...	21.01	3.2	ng/ul	404559	5	21.30	2501080	20.0
(DEL) Alkane: Str...	21.88	2.0	ng/ul	251171	5	21.30	2501080	20.0
(DEL) Alkane: Str...	22.34	3.0	ng/ul	373182	5	21.30	2501080	20.0
2,6,10,14,18,22-T...	22.47	4.9	ng/ul	624754	6	23.56	2570410	20.0
(DEL) Alkane: Str...	22.85	3.3	ng/ul	421388	6	23.56	2570410	20.0