

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019698.D
 Acq On : 02 Apr 2019 19:13
 Operator : JU/SJ
 Sample : K2148-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5G5

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-BM032219MA.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	3.122	20	23	31	rVB	31827	46612	1.40%	0.119%
2	3.716	121	124	130	rVB	11791	16759	0.50%	0.043%
3	4.140	194	196	198	rBV3	3789	3362	0.10%	0.009%
4	4.711	290	293	297	rBV	11857	15066	0.45%	0.039%
5	4.752	297	300	304	rBV	14500	21032	0.63%	0.054%
6	6.757	635	641	655	rBV	296765	580850	17.38%	1.488%
7	6.922	664	669	683	rBV	269991	496247	14.85%	1.271%
8	7.105	694	700	714	rVB	396307	657903	19.69%	1.686%
9	7.569	772	779	790	rBV	608386	1008809	30.19%	2.585%
10	8.287	895	901	919	rBV	414141	774517	23.18%	1.984%
11	8.416	919	923	930	rVB2	7665	13759	0.41%	0.035%
12	8.740	971	978	991	rBV	333471	625737	18.73%	1.603%
13	9.063	1028	1033	1037	rVB	9613	12720	0.38%	0.033%
14	9.451	1093	1099	1110	rBV	284917	530476	15.88%	1.359%
15	9.987	1184	1190	1214	rBV	355490	759729	22.74%	1.946%
16	10.351	1244	1252	1266	rBV	866592	1505613	45.06%	3.857%
17	10.516	1273	1280	1303	rBV	289086	748858	22.41%	1.919%
18	11.981	1522	1529	1536	rBV4	3592	9154	0.27%	0.023%
19	13.110	1715	1721	1726	rBV	9525	14454	0.43%	0.037%
20	13.651	1807	1813	1818	rBV	903310	1288643	38.57%	3.302%
21	13.698	1818	1821	1834	rVB	172080	267935	8.02%	0.686%
22	13.922	1851	1859	1875	rBV	997341	1466063	43.88%	3.756%
23	14.233	1905	1912	1924	rBV2	1323723	2031156	60.79%	5.204%
24	14.498	1951	1957	1974	rBV2	117407	386189	11.56%	0.989%
25	14.657	1980	1984	1996	rVB	67667	109328	3.27%	0.280%
26	15.022	2042	2046	2051	rVB2	7750	11192	0.33%	0.029%
27	15.069	2051	2054	2059	rBV3	6034	7712	0.23%	0.020%
28	15.233	2075	2082	2096	rBV	1331348	1875566	56.13%	4.805%
29	15.386	2103	2108	2121	rBV	335374	550670	16.48%	1.411%
30	15.475	2121	2123	2127	rVB2	16802	19028	0.57%	0.049%
31	15.939	2196	2202	2207	rVB5	5077	9908	0.30%	0.025%
32	16.022	2212	2216	2219	rVV5	4079	5715	0.17%	0.015%
33	16.186	2240	2244	2249	rBV3	2994	4199	0.13%	0.011%
34	16.404	2277	2281	2286	rBV3	12101	22011	0.66%	0.056%

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35	16.727	2333	2336	2340	rBV3	3850	4948	0.15%	0.013%
36	16.780	2340	2345	2352	rVB3	6688	12659	0.38%	0.032%
37	16.992	2375	2381	2392	rBV	1785549	2452657	73.41%	6.284%
38	17.092	2392	2398	2409	rVV	1405799	2015157	60.31%	5.163%
39	17.280	2426	2430	2433	rBV3	3552	4900	0.15%	0.013%
40	17.333	2436	2439	2442	rBV3	3326	3894	0.12%	0.010%
41	17.380	2442	2447	2452	rBV4	9429	13780	0.41%	0.035%
42	17.469	2459	2462	2468	rBV4	7076	10600	0.32%	0.027%
43	17.657	2491	2494	2498	rVB4	4781	7286	0.22%	0.019%
44	17.757	2507	2511	2513	rBV3	4505	5920	0.18%	0.015%
45	17.886	2527	2533	2545	rBV	266952	453145	13.56%	1.161%
46	18.169	2577	2581	2586	rVB3	13523	16240	0.49%	0.042%
47	18.345	2609	2611	2614	rBV4	3823	4224	0.13%	0.011%
48	18.410	2619	2622	2623	rBV2	3890	4410	0.13%	0.011%
49	18.651	2660	2663	2665	rVB4	5855	5813	0.17%	0.015%
50	18.692	2667	2670	2674	rBV5	4726	6130	0.18%	0.016%
51	18.757	2677	2681	2684	rBV5	10072	12330	0.37%	0.032%
52	18.804	2686	2689	2694	rBV2	17402	25838	0.77%	0.066%
53	19.033	2724	2728	2732	rBV3	31541	58659	1.76%	0.150%
54	19.174	2748	2752	2761	rBV	154155	262554	7.86%	0.673%
55	19.286	2769	2771	2774	rVB3	11763	11039	0.33%	0.028%
56	19.398	2785	2790	2807	rVB	1690017	2386047	71.41%	6.113%
57	19.733	2843	2847	2850	rBV	220579	232875	6.97%	0.597%
58	19.774	2850	2854	2858	rVB	355696	381852	11.43%	0.978%
59	19.933	2874	2881	2886	rBV4	45656	89229	2.67%	0.229%
60	20.433	2962	2966	2970	rBV3	69070	91811	2.75%	0.235%
61	20.715	3010	3014	3017	rBV	165389	191137	5.72%	0.490%
62	20.745	3017	3019	3023	rVB	270130	280774	8.40%	0.719%
63	20.904	3041	3046	3052	rBV	588066	797384	23.87%	2.043%
64	21.204	3091	3097	3106	rBV	2486748	3250719	97.29%	8.329%
65	21.333	3116	3119	3124	rBV	167366	198275	5.93%	0.508%
66	21.580	3159	3161	3164	rBV	70853	77632	2.32%	0.199%
67	21.615	3164	3167	3171	rVB	146485	161048	4.82%	0.413%
68	21.762	3188	3192	3195	rBV	226038	273603	8.19%	0.701%
69	22.209	3265	3268	3275	rVB2	367656	523687	15.67%	1.342%
70	22.333	3287	3289	3294	rVB	128885	139867	4.19%	0.358%
71	22.703	3348	3352	3357	rVB	458583	600070	17.96%	1.537%

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72	23.262	3440	3447	3458	rBV3	1603501	3341176	100.00%	8.560%
73	23.409	3465	3472	3482	rVB	1731941	3263803	97.68%	8.362%
74	23.874	3546	3551	3562	rVB	408019	766733	22.95%	1.964%
75	24.598	3669	3674	3683	rVB	333627	694087	20.77%	1.778%

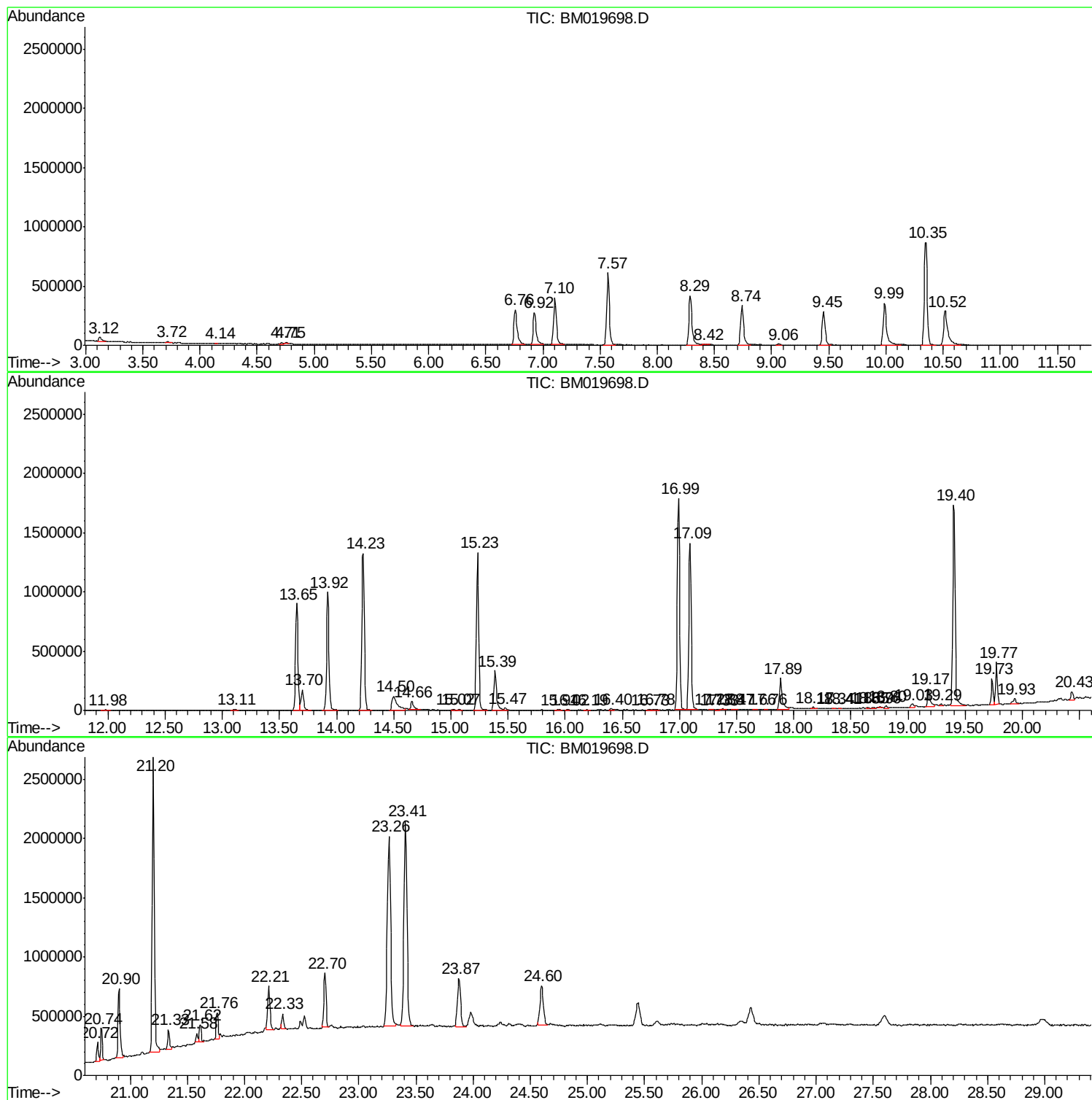
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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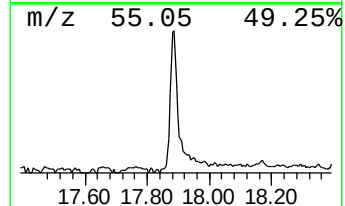
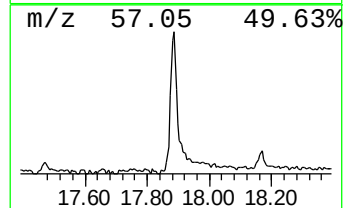
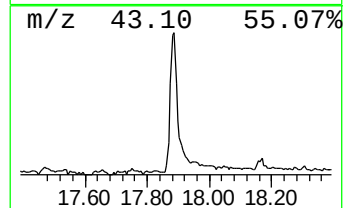
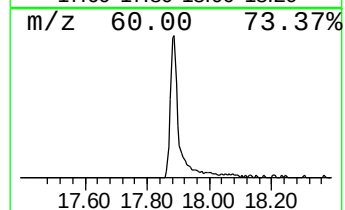
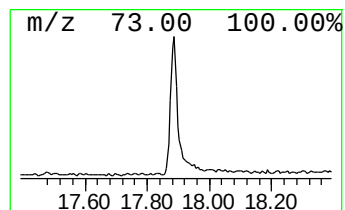
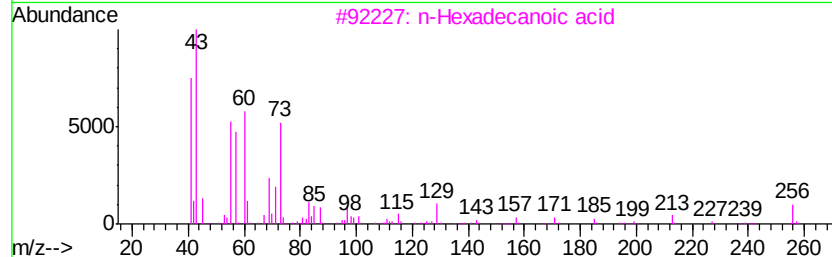
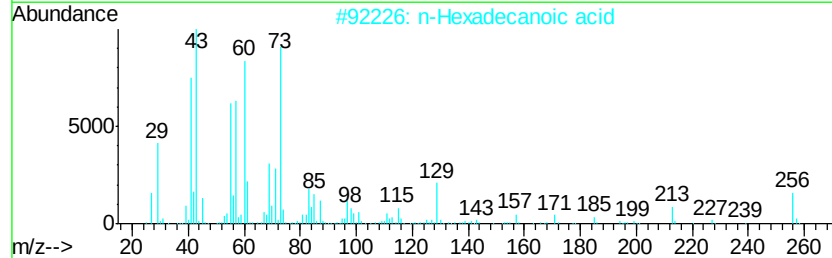
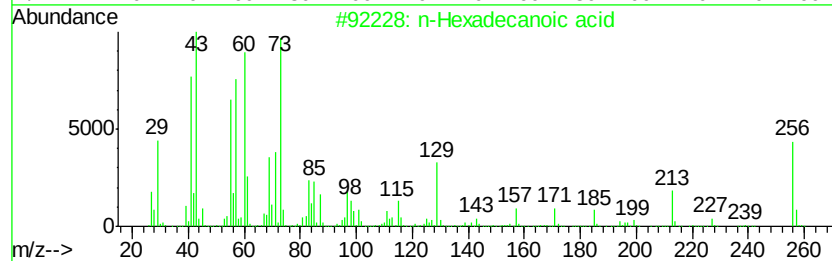
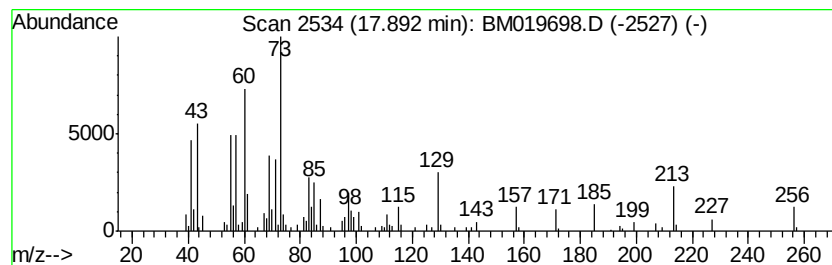
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.70 ng/ul	453145	Phenanthrene-d10	16.99
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	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	83
5	Undecanoic acid	186 C11H22O2	000112-37-8	47



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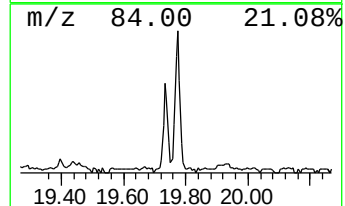
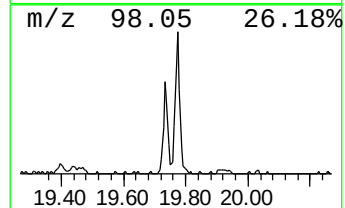
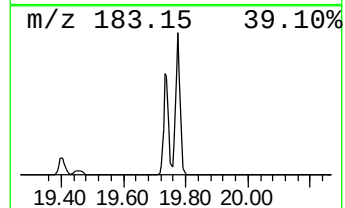
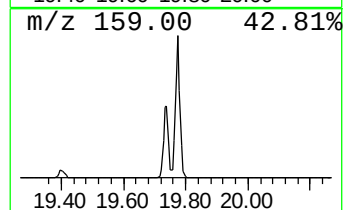
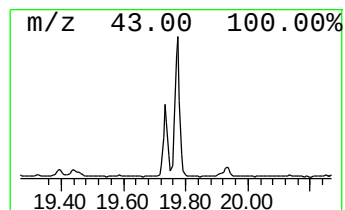
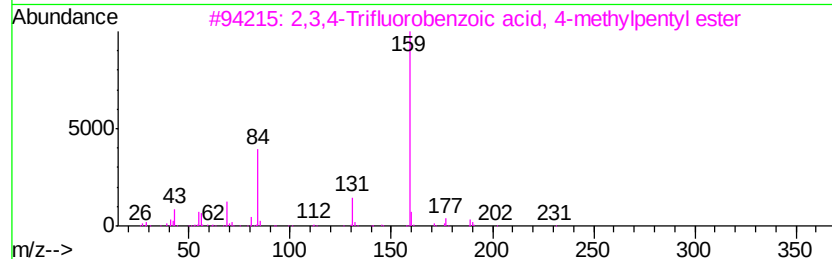
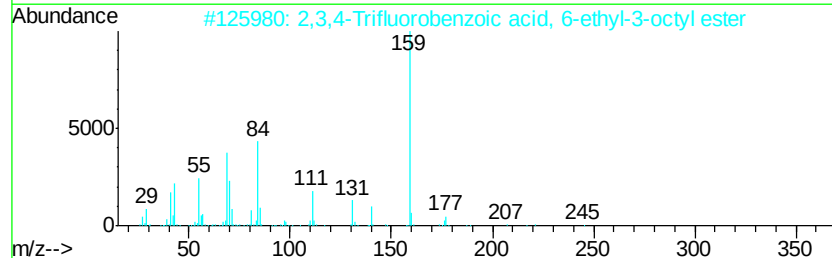
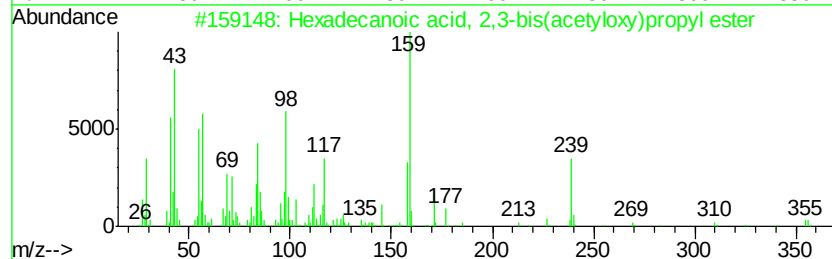
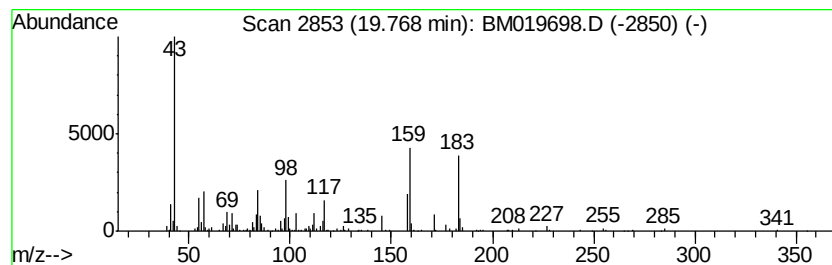
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Hexadecanoic acid, 2,3-bis(...) Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.35 ng/ul	381852	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	58
2		2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	14
3		2,3,4-Trifluorobenzoic acid, 4-m...	260	C13H15F3O2	1000282-29-8	14
4		Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	10
5		2,3,4-Trifluorobenzoic acid, 4-h...	400	C23H35F3O2	1000283-00-8	10



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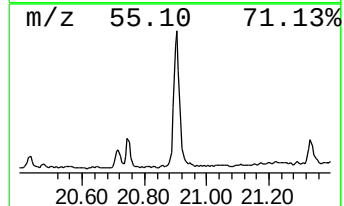
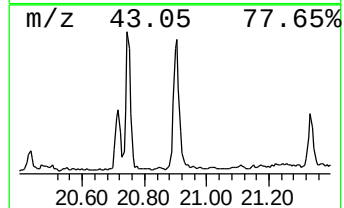
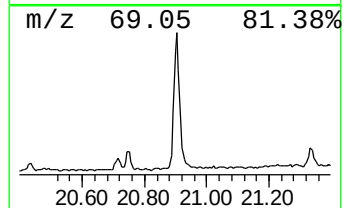
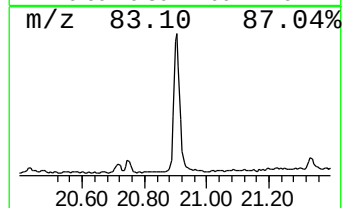
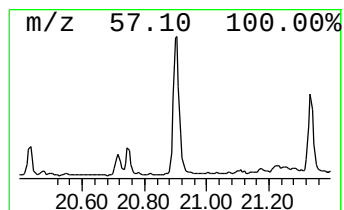
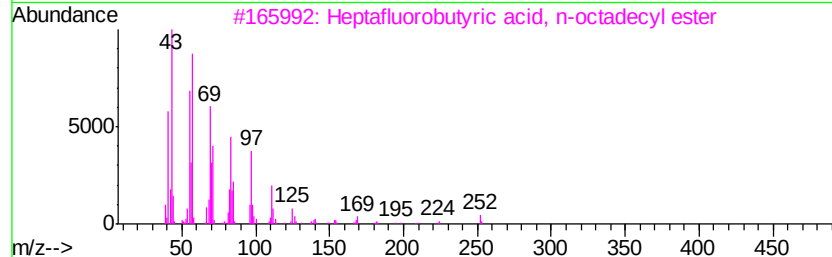
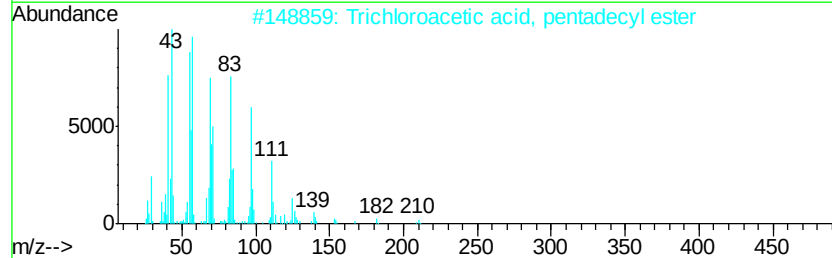
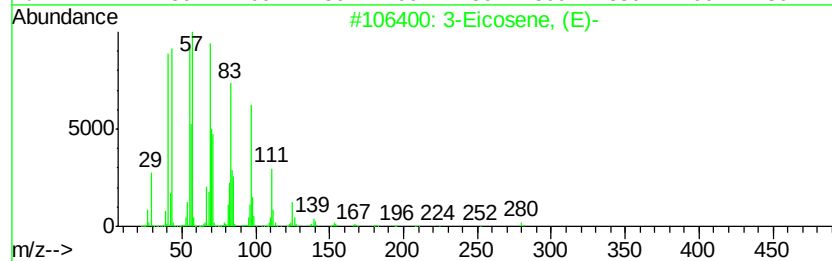
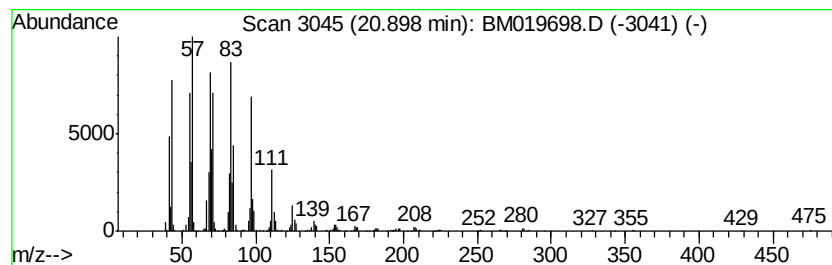
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Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.90	4.91 ng/ul	797384	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	91
2	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	91
3	Heptafluorobutyric acid, n-octad...		466	C22H37F7O2	000400-57-7	91
4	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91
5	Bromoacetic acid, octadecyl ester		390	C20H39BrO2	018992-03-5	91



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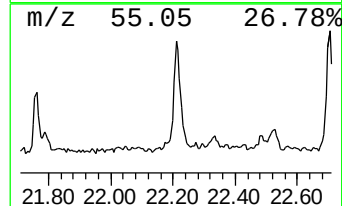
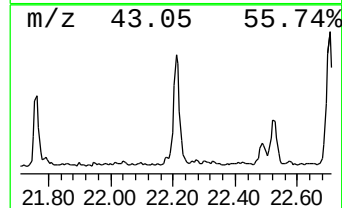
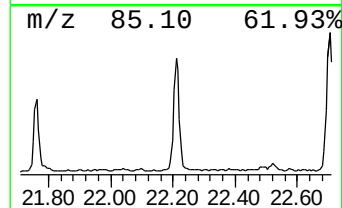
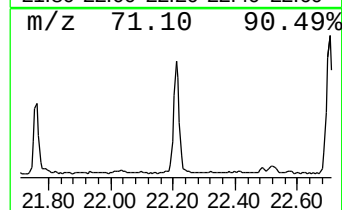
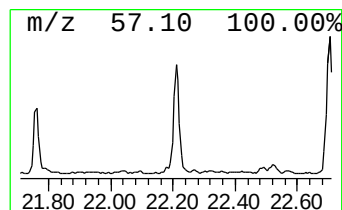
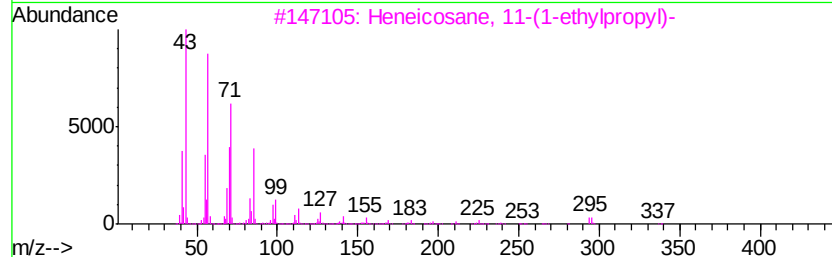
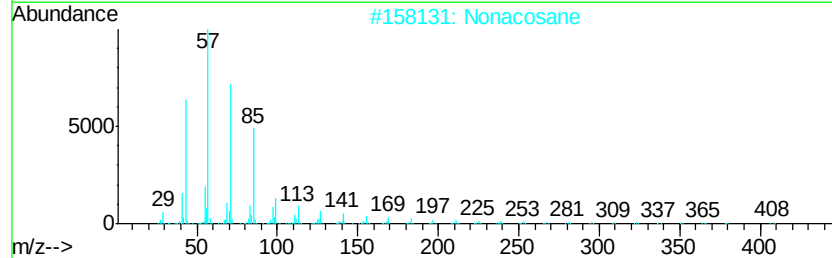
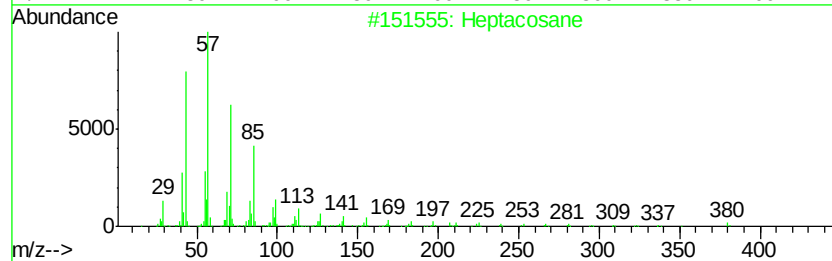
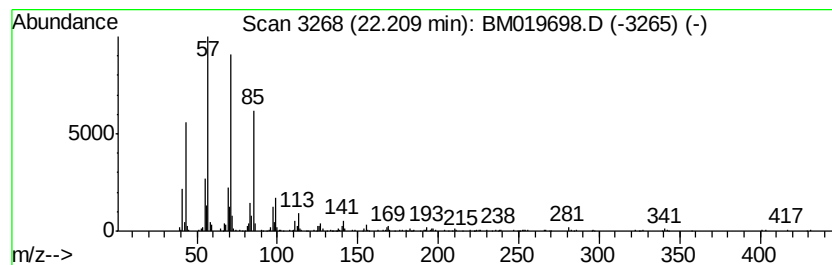
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	3.22 ng/ul	523687	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Nonacosane	408	C29H60	000630-03-5	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5		Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019698.D
Acq On : 02 Apr 2019 19:13
Operator : JU/SJ
Sample : K2148-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5G5

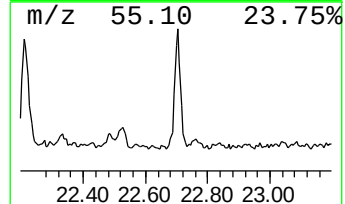
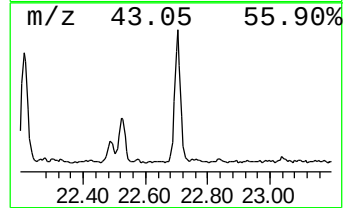
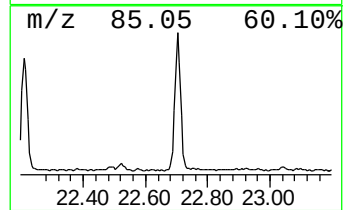
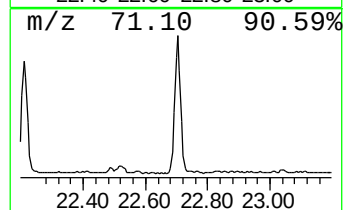
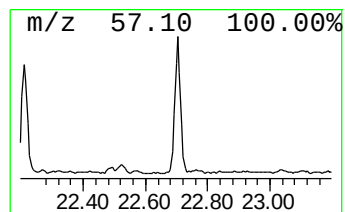
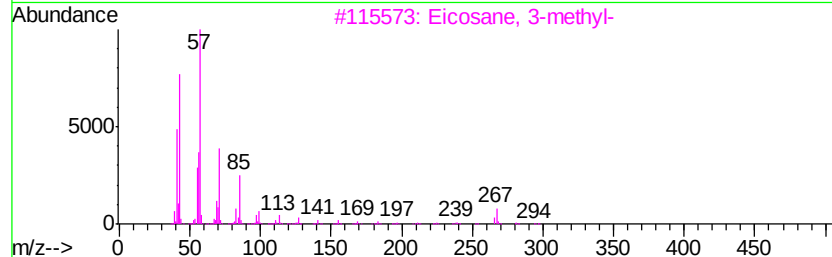
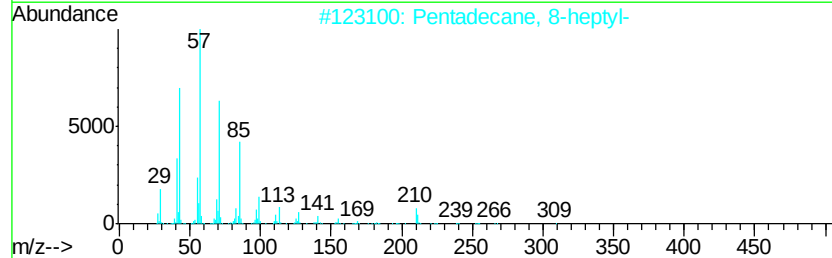
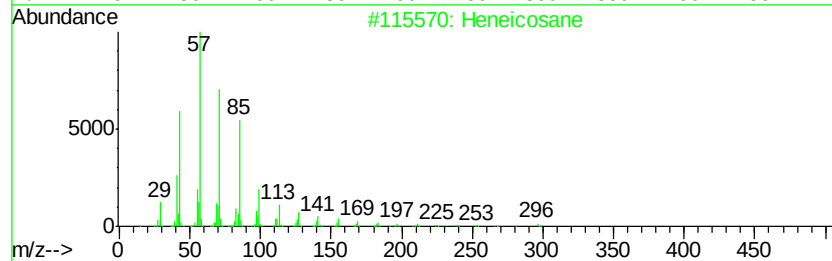
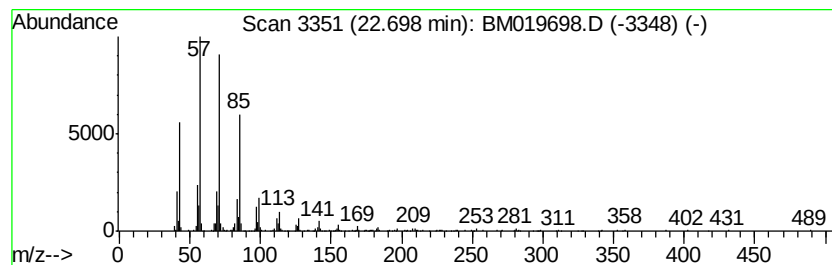
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.68 ng/ul	600070	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Eicosane, 3-methyl-	296	C21H44	006418-46-8	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019698.D
Acq On : 02 Apr 2019 19:13
Operator : JU/SJ
Sample : K2148-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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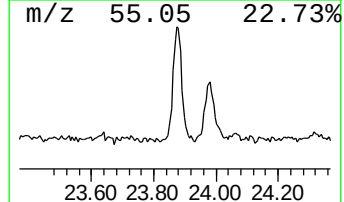
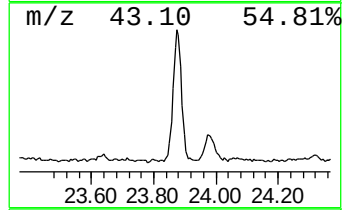
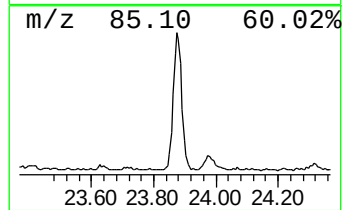
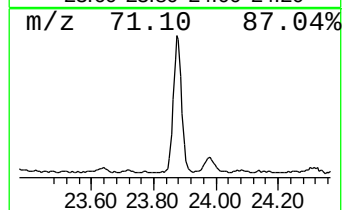
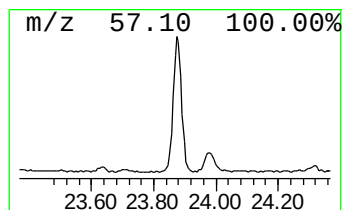
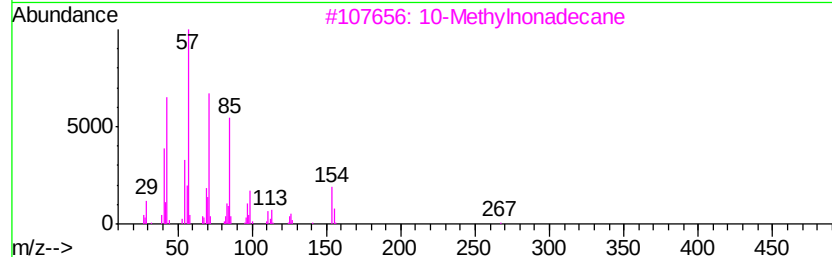
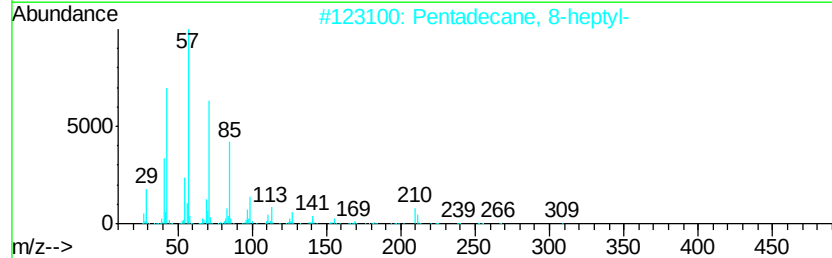
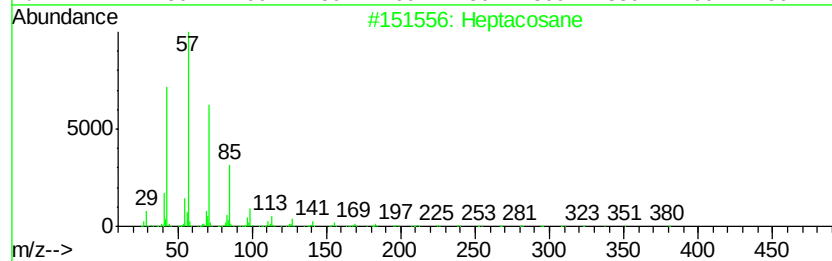
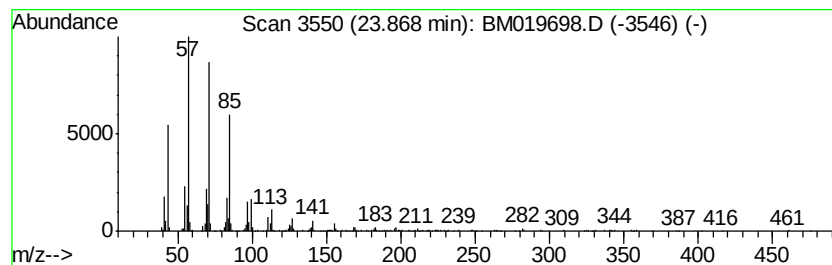
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	4.70 ng/ul	766733	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		10-Methylnonadecane	282	C20H42	056862-62-5	90
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019698.D
Acq On : 02 Apr 2019 19:13
Operator : JU/SJ
Sample : K2148-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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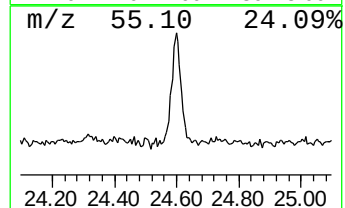
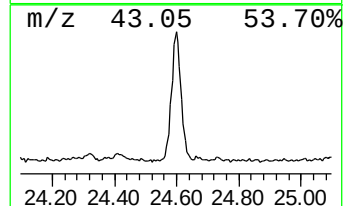
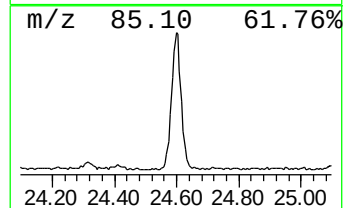
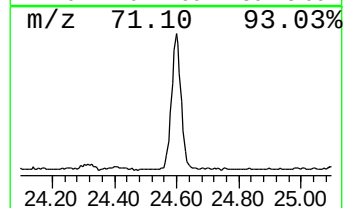
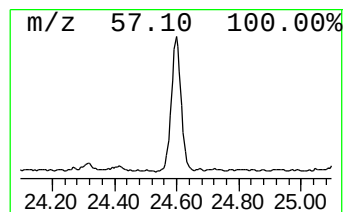
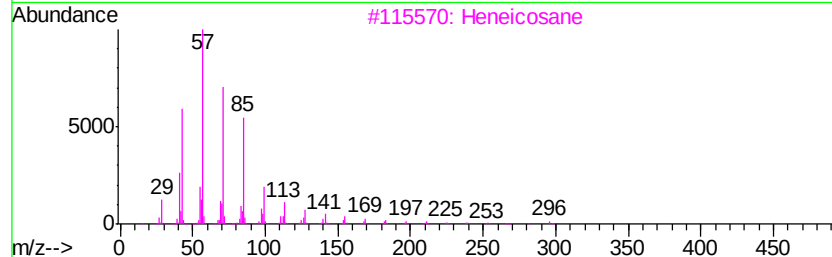
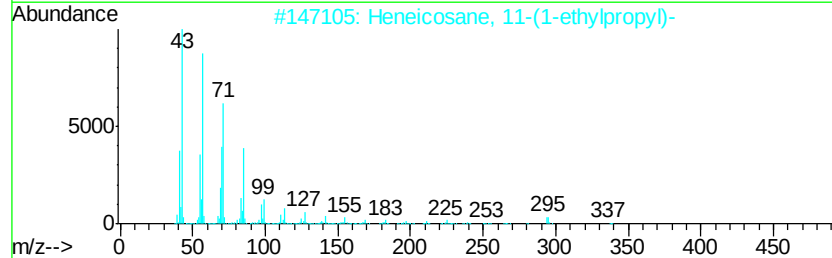
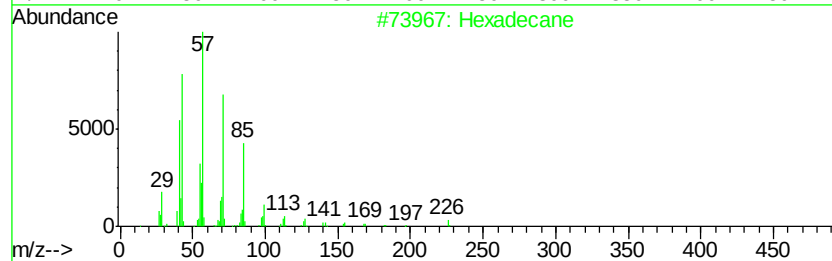
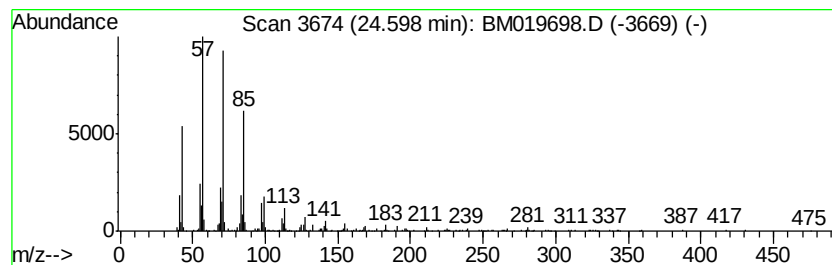
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	4.25 ng/ul	694087	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019698.D
Acq On : 02 Apr 2019 19:13
Operator : JU/SJ
Sample : K2148-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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
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Hexadecanoic acid...	19.77	2.4	ng/ul	381852	5	21.20	3250720	20.0
(DEL) Alkane: Cyc...	20.90	4.9	ng/ul	797384	5	21.20	3250720	20.0
(DEL) Alkane: Str...	22.21	3.2	ng/ul	523687	5	21.20	3250720	20.0
(DEL) Alkane: Str...	22.70	3.7	ng/ul	600070	6	23.41	3263800	20.0
(DEL) Alkane: Str...	23.87	4.7	ng/ul	766733	6	23.41	3263800	20.0
(DEL) Alkane: Str...	24.60	4.3	ng/ul	694087	6	23.41	3263800	20.0