

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019710.D
 Acq On : 03 Apr 2019 02:35
 Operator : JU/SJ
 Sample : K2168-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF644

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	30	rBV	32536	49788	1.44%	0.126%
2	4.028	175	177	179	rBV3	3480	3497	0.10%	0.009%
3	4.716	291	294	296	rBV2	5646	6085	0.18%	0.015%
4	4.746	296	299	306	rVV	18553	30705	0.89%	0.078%
5	6.757	635	641	658	rBV	299741	616600	17.82%	1.556%
6	6.922	663	669	690	rVV	265886	519938	15.02%	1.312%
7	7.104	694	700	717	rVB	386799	663720	19.18%	1.675%
8	7.569	772	779	788	rBV	576436	940584	27.18%	2.374%
9	8.287	895	901	919	rBV	418684	797516	23.04%	2.013%
10	8.422	921	924	933	rVB4	7536	12299	0.36%	0.031%
11	8.739	972	978	996	rBV	340873	645012	18.64%	1.628%
12	9.057	1028	1032	1037	rVB2	9884	14242	0.41%	0.036%
13	9.451	1093	1099	1113	rBV	308516	557955	16.12%	1.408%
14	9.986	1184	1190	1209	rBV	382652	806676	23.31%	2.036%
15	10.345	1244	1251	1262	rBV	896835	1485165	42.91%	3.749%
16	10.516	1273	1280	1305	rBV	328343	812365	23.47%	2.050%
17	11.986	1524	1530	1538	rVB4	3731	8357	0.24%	0.021%
18	13.651	1807	1813	1818	rBV	1001906	1392815	40.24%	3.516%
19	13.698	1818	1821	1833	rVB	189304	284923	8.23%	0.719%
20	13.922	1852	1859	1875	rBV	1087325	1598845	46.20%	4.036%
21	14.227	1905	1911	1923	rBV2	1370385	2114457	61.10%	5.337%
22	14.492	1951	1956	1981	rBV	147878	500134	14.45%	1.262%
23	14.663	1981	1985	1996	rVB3	26451	52755	1.52%	0.133%
24	15.021	2043	2046	2049	rVB2	4062	4181	0.12%	0.011%
25	15.074	2052	2055	2060	rBV4	4703	6235	0.18%	0.016%
26	15.233	2075	2082	2095	rBV	1433190	2081226	60.14%	5.253%
27	15.386	2102	2108	2120	rBV	364671	608966	17.60%	1.537%
28	15.474	2120	2123	2130	rVB2	17746	26587	0.77%	0.067%
29	15.939	2196	2202	2205	rBV4	4185	6838	0.20%	0.017%
30	16.021	2211	2216	2219	rBV2	4020	5298	0.15%	0.013%
31	16.539	2301	2304	2311	rVB2	4631	5234	0.15%	0.013%
32	16.733	2334	2337	2340	rBV5	5171	6983	0.20%	0.018%
33	16.786	2340	2346	2348	rVV2	7717	11633	0.34%	0.029%
34	16.815	2348	2351	2357	rVB2	5253	9779	0.28%	0.025%

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35	16.992	2374	2381	2391	rBV	1821210	2525225	72.96%	6.374%
36	17.092	2391	2398	2415	rVB2	1467659	2159430	62.39%	5.450%
37	17.286	2426	2431	2434	rBV5	4300	6126	0.18%	0.015%
38	17.333	2434	2439	2444	rBV2	8160	11350	0.33%	0.029%
39	17.474	2458	2463	2465	rBV3	5752	6691	0.19%	0.017%
40	17.880	2527	2532	2544	rBV	186057	337005	9.74%	0.851%
41	18.168	2577	2581	2584	rBV4	5831	8389	0.24%	0.021%
42	18.227	2590	2591	2598	rVB5	2978	4004	0.12%	0.010%
43	18.598	2652	2654	2658	rBV4	11218	14039	0.41%	0.035%
44	18.645	2659	2662	2667	rVB	18344	20306	0.59%	0.051%
45	18.756	2678	2681	2686	rVB5	6416	8475	0.24%	0.021%
46	18.809	2686	2690	2694	rBV4	7815	12002	0.35%	0.030%
47	19.033	2724	2728	2732	rBV2	22694	39737	1.15%	0.100%
48	19.174	2748	2752	2760	rBV2	83872	140208	4.05%	0.354%
49	19.286	2767	2771	2774	rBV3	11094	16012	0.46%	0.040%
50	19.398	2784	2790	2797	rBV2	1811678	2551738	73.73%	6.441%
51	19.733	2843	2847	2850	rBV	309497	333659	9.64%	0.842%
52	19.774	2850	2854	2858	rVB	570155	638980	18.46%	1.613%
53	19.909	2873	2877	2884	rBV6	40899	64547	1.87%	0.163%
54	20.192	2921	2925	2928	rBV2	32373	39193	1.13%	0.099%
55	20.427	2962	2965	2969	rBV4	26034	33519	0.97%	0.085%
56	20.650	3001	3003	3006	rVB4	22612	22471	0.65%	0.057%
57	20.709	3010	3013	3016	rBV2	146377	157921	4.56%	0.399%
58	20.745	3016	3019	3023	rVB	281086	281681	8.14%	0.711%
59	20.898	3041	3045	3054	rBV	529788	746022	21.56%	1.883%
60	21.197	3091	3096	3109	rBV	2801709	3460910	100.00%	8.735%
61	21.333	3116	3119	3123	rBV	100630	106517	3.08%	0.269%
62	21.574	3158	3160	3163	rBV2	63235	66513	1.92%	0.168%
63	21.609	3163	3166	3169	rVB	127374	126795	3.66%	0.320%
64	21.756	3187	3191	3194	rBV	174944	200292	5.79%	0.506%
65	22.203	3264	3267	3273	rVB	295400	376452	10.88%	0.950%
66	22.697	3347	3351	3356	rVB	357231	484083	13.99%	1.222%
67	23.262	3439	3447	3457	rBV2	1663720	3425999	98.99%	8.647%
68	23.403	3464	3471	3479	rVB	1786078	3355472	96.95%	8.469%
69	23.868	3545	3550	3556	rBV	349997	604980	17.48%	1.527%
70	24.591	3668	3673	3681	rVB	247889	545060	15.75%	1.376%

LSC Area Percent Report

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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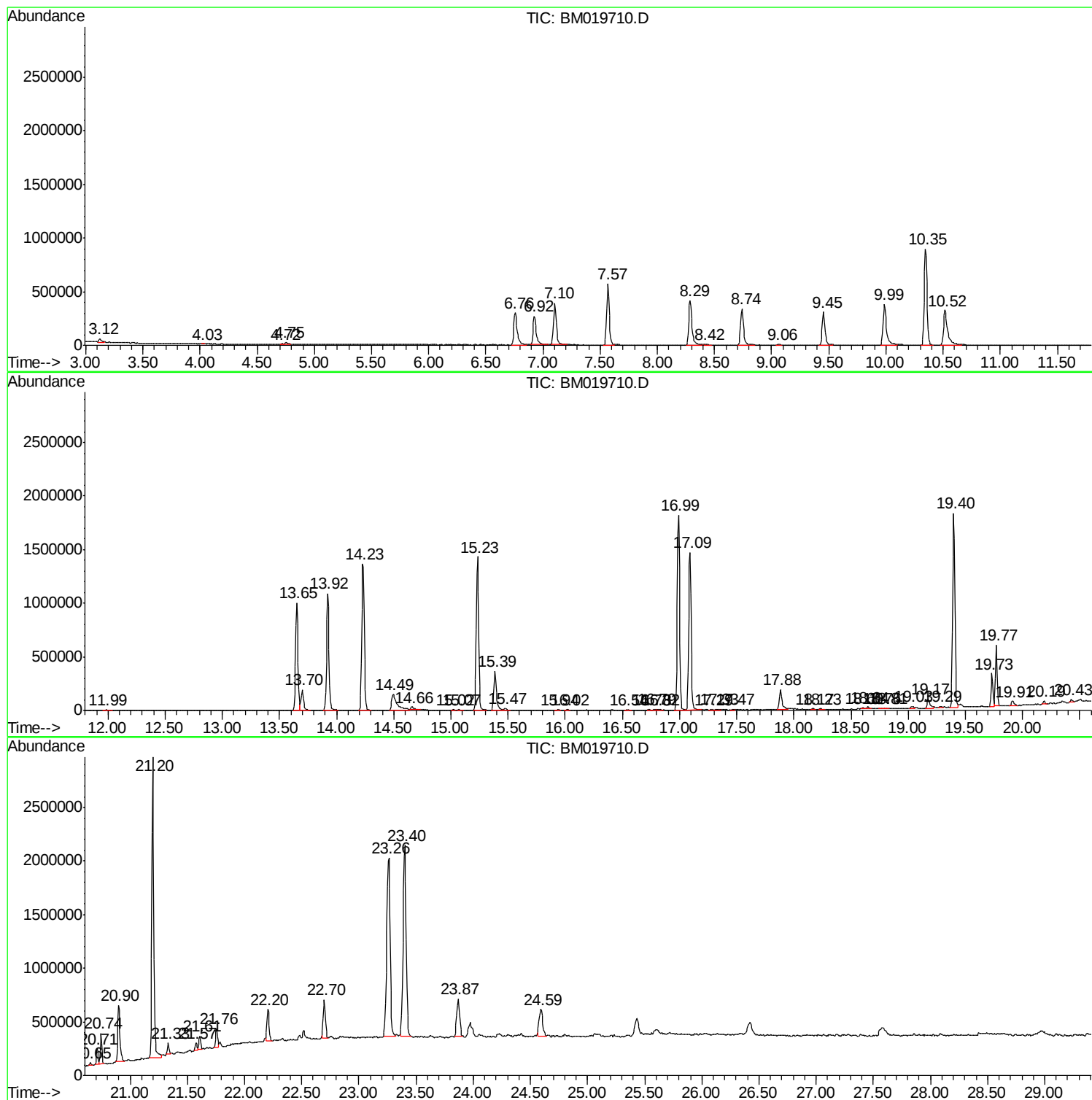
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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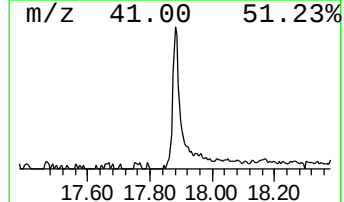
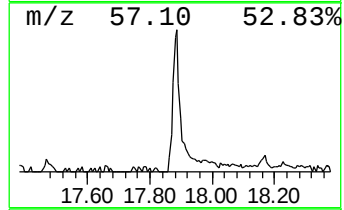
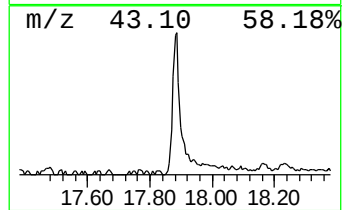
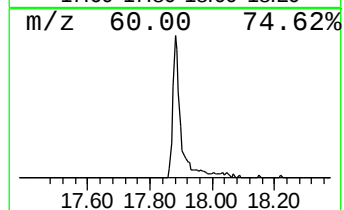
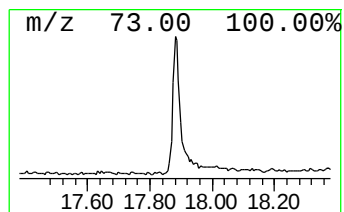
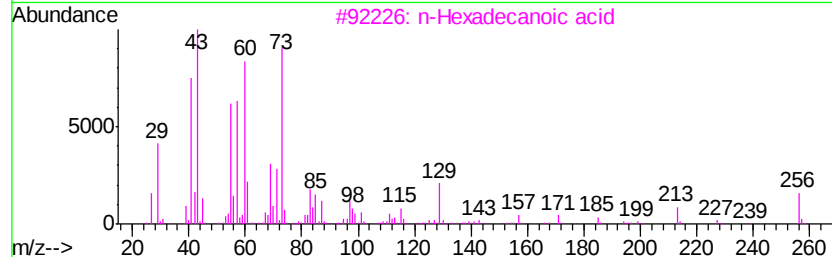
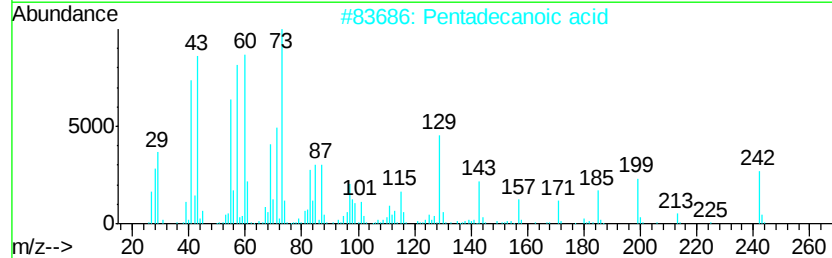
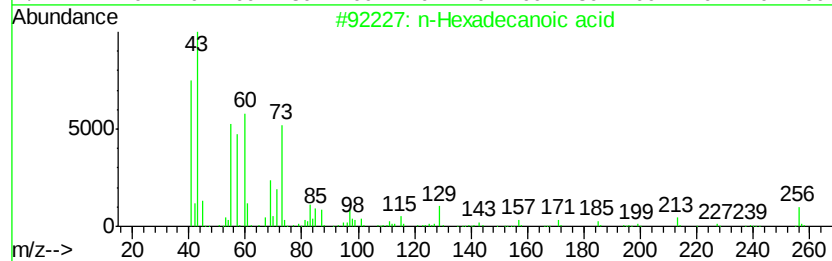
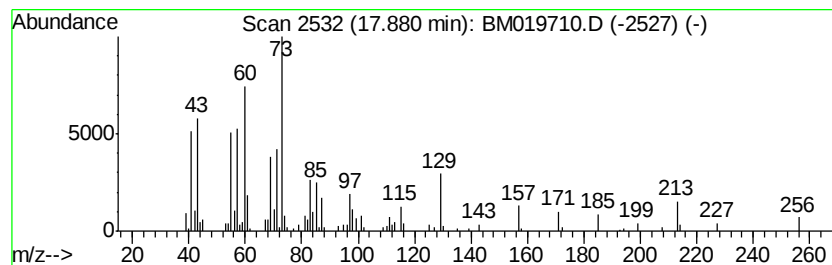
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.88	2.67 ng/ul	337005	Phenanthrene-d10		16.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53



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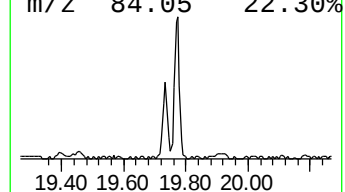
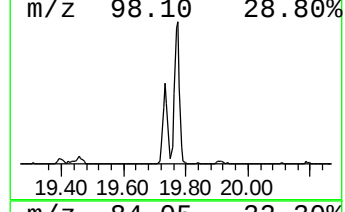
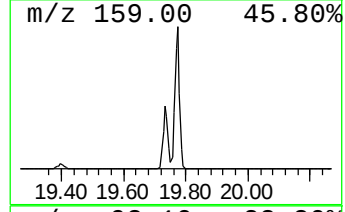
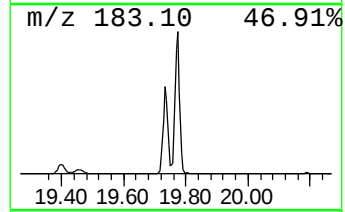
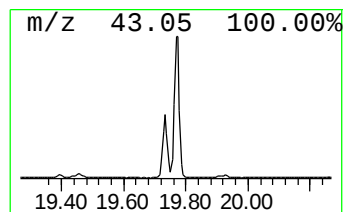
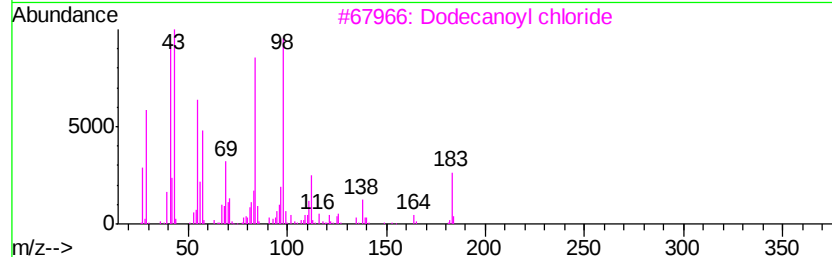
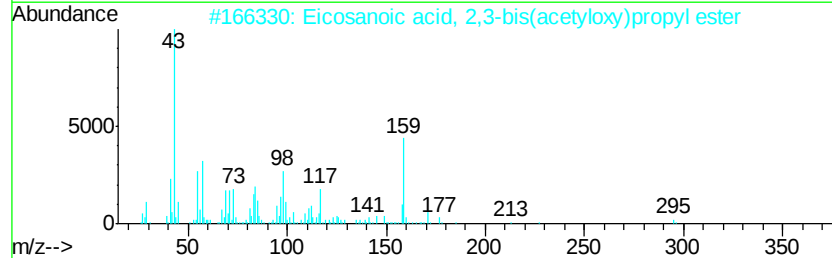
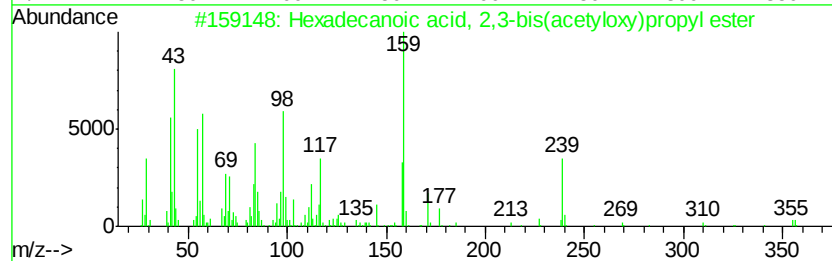
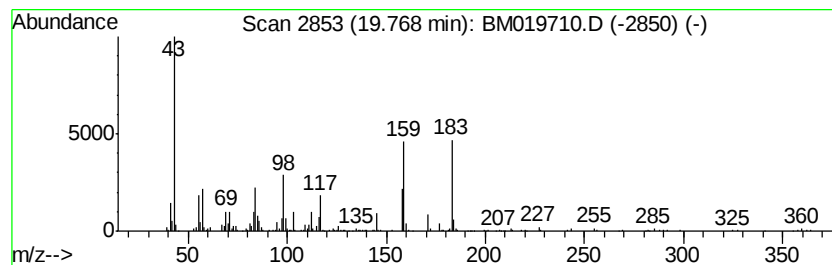
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	3.69 ng/ul	638980	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2,3-bis(acetyloxy)propyl ester	414	C23H42O6	055268-70-7	58
2		Eicosanoic acid, 2,3-bis(acetyloxy)propyl ester	470	C27H50O6	055429-67-9	53
3		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	25
4		2,3,4-Trifluorobenzoic acid, 4-methyl	260	C13H15F3O2	1000282-29-8	14
5		2,3,4-Trifluorobenzoic acid, 6-methyl	316	C17H23F3O2	1000282-58-3	14



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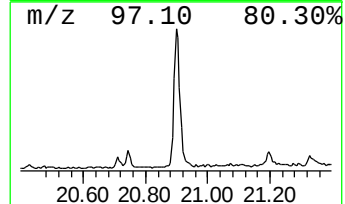
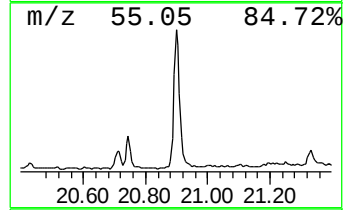
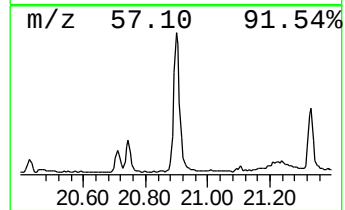
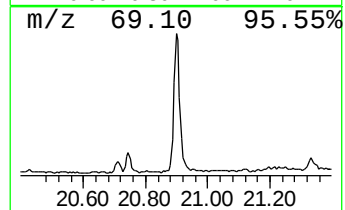
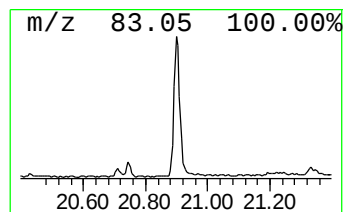
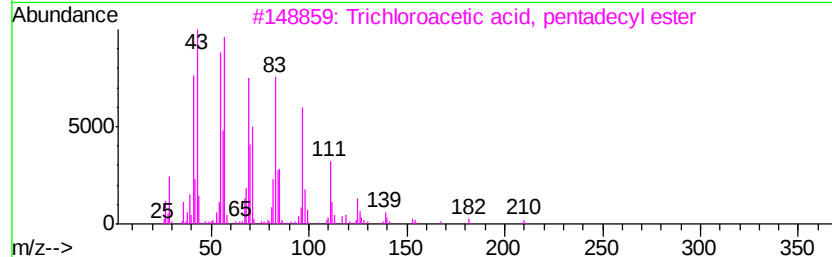
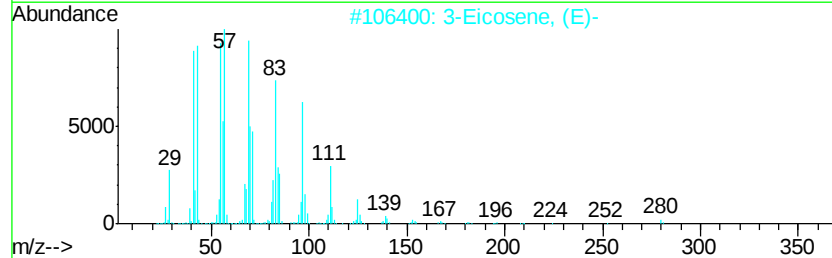
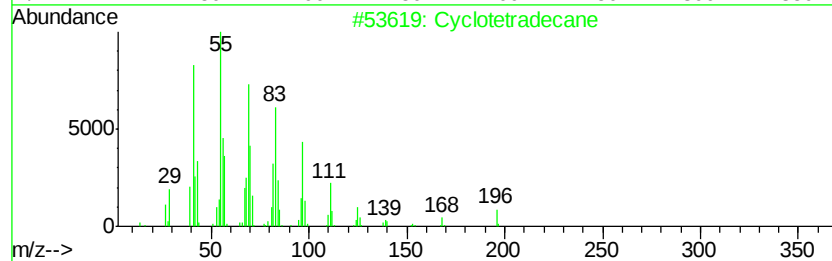
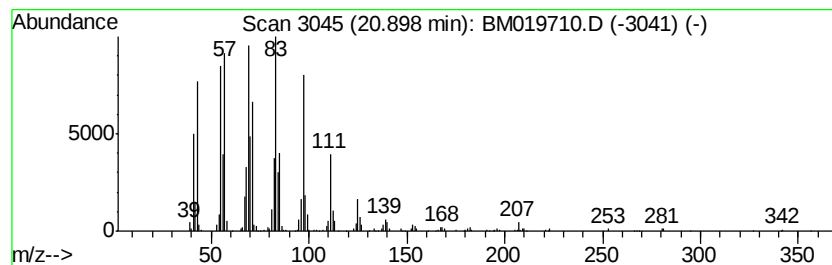
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.31 ng/ul	746022	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclotetradecane	196 C14H28	000295-17-0 94
2		3-Eicosene, (E)-	280 C20H40	074685-33-9 91
3		Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0 91
4		Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5 91
5		Heptafluorobutyric acid, n-penta...	424 C19H31F7O2	1000216-79-3 91



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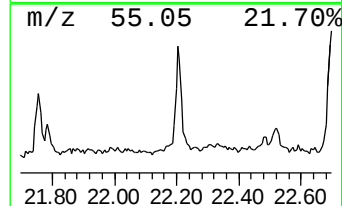
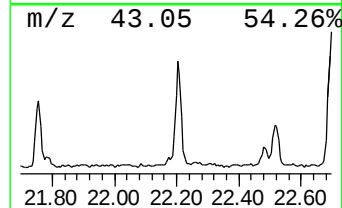
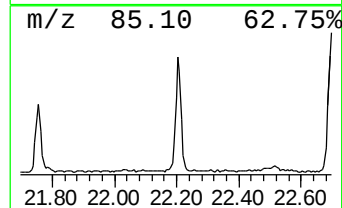
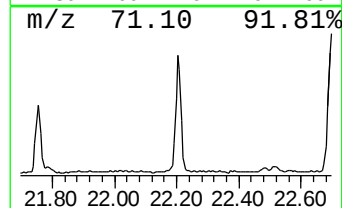
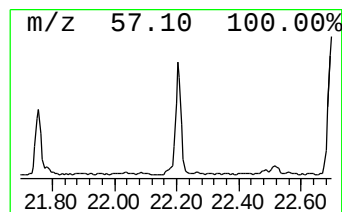
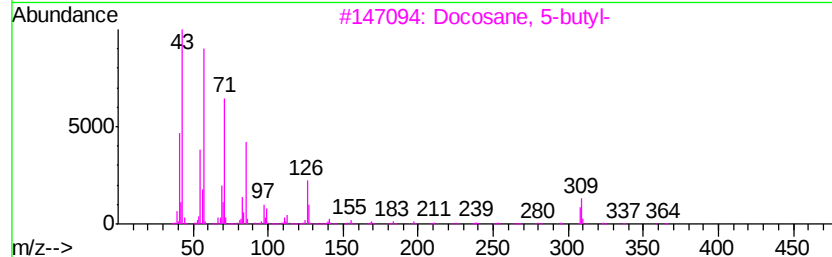
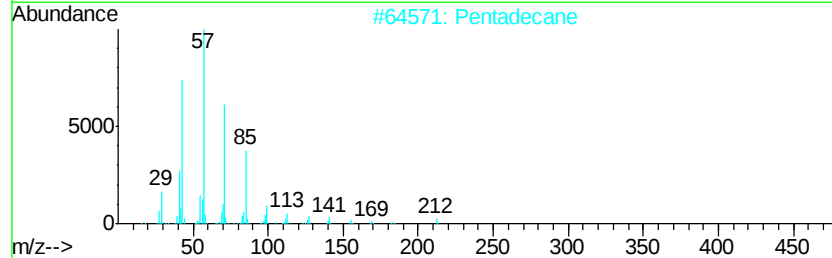
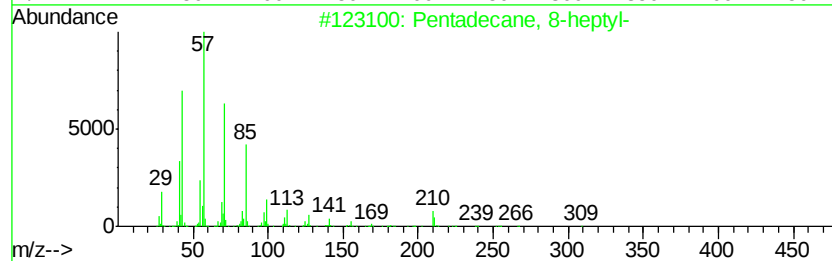
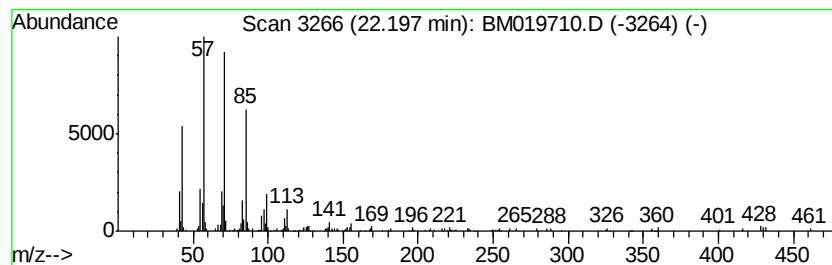
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	2.18 ng/ul	376452	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
2		Pentadecane	212	C15H32	000629-62-9	87
3		Docosane, 5-butyl-	366	C26H54	055282-16-1	86
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
5		Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019710.D
Acq On : 03 Apr 2019 02:35
Operator : JU/SJ
Sample : K2168-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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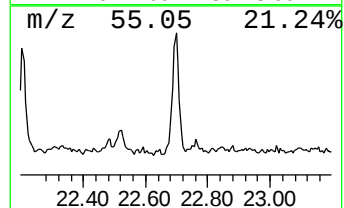
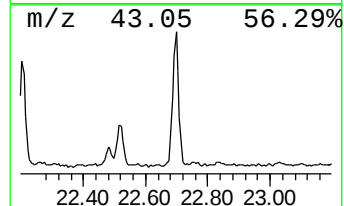
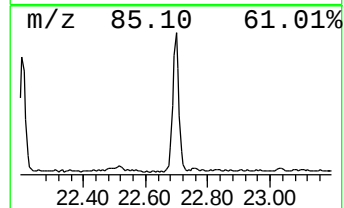
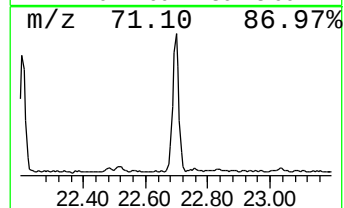
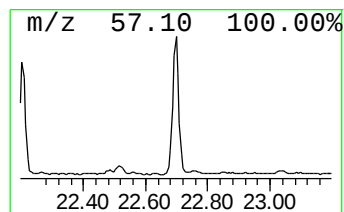
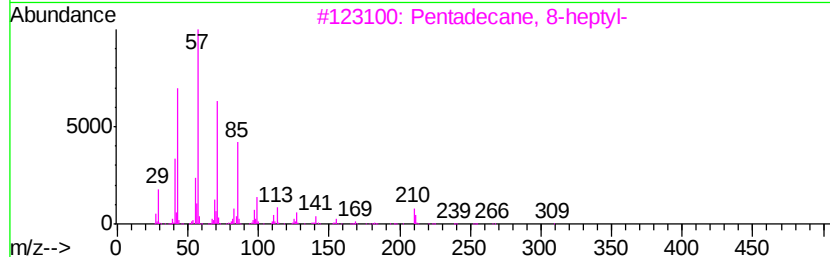
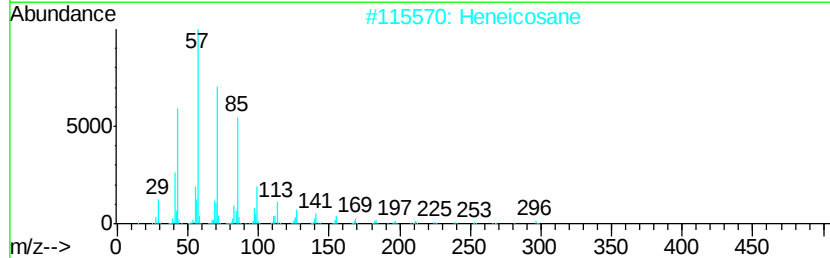
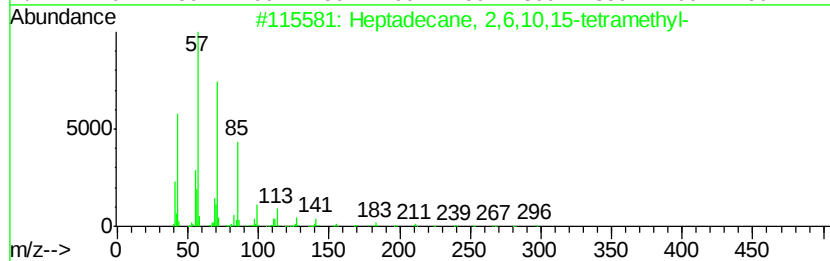
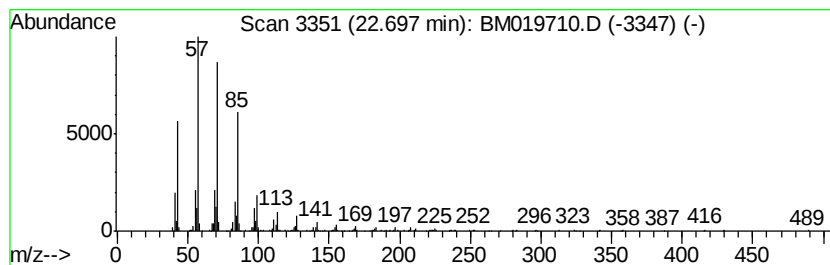
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.89 ng/ul	484083	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019710.D
Acq On : 03 Apr 2019 02:35
Operator : JU/SJ
Sample : K2168-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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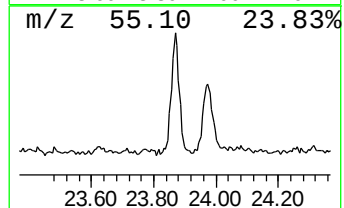
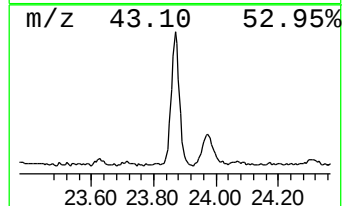
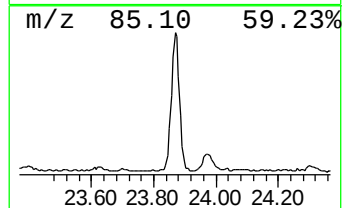
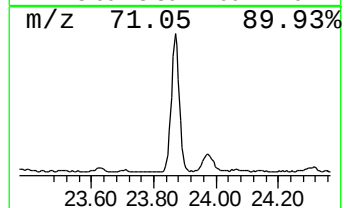
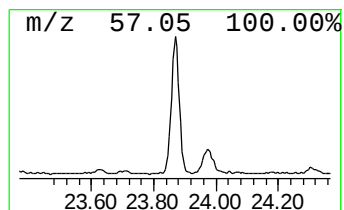
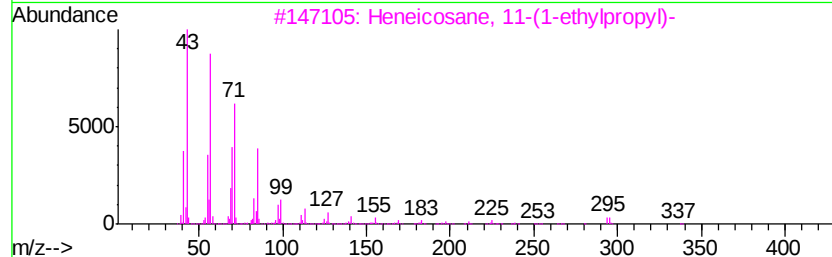
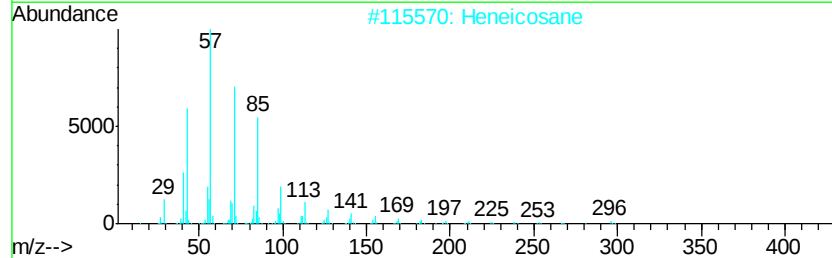
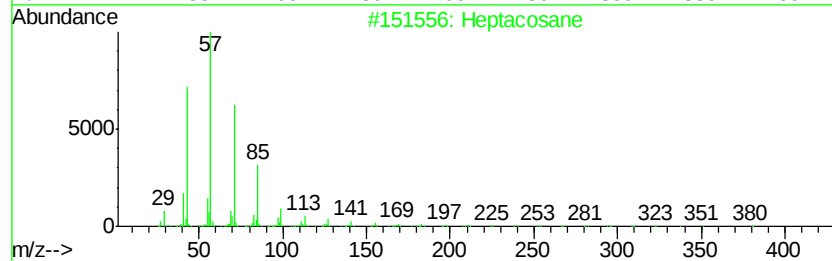
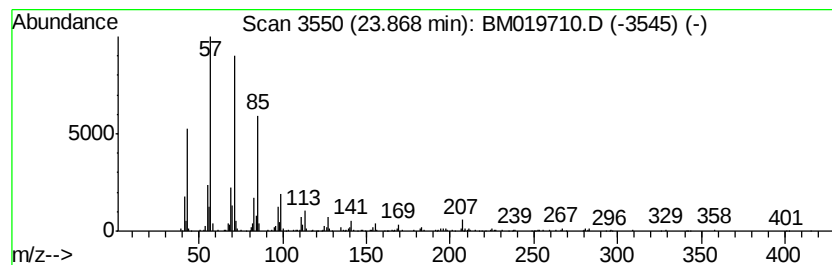
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	3.61 ng/ul	604980	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4			Octadecane	254	C18H38	000593-45-3	87
5			Docosane, 5-butyl-	366	C26H54	055282-16-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019710.D
Acq On : 03 Apr 2019 02:35
Operator : JU/SJ
Sample : K2168-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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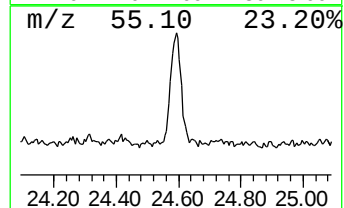
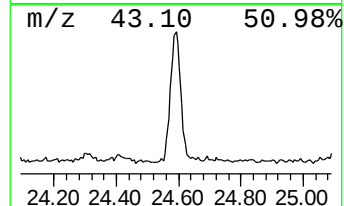
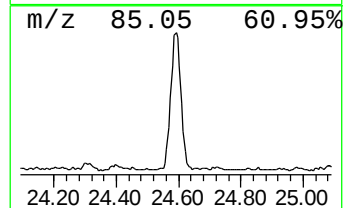
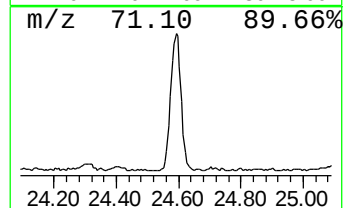
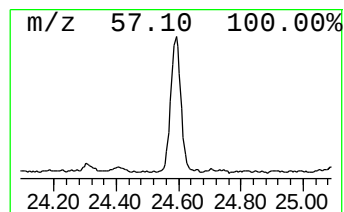
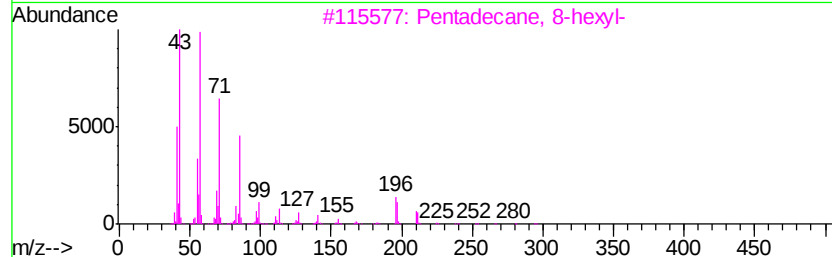
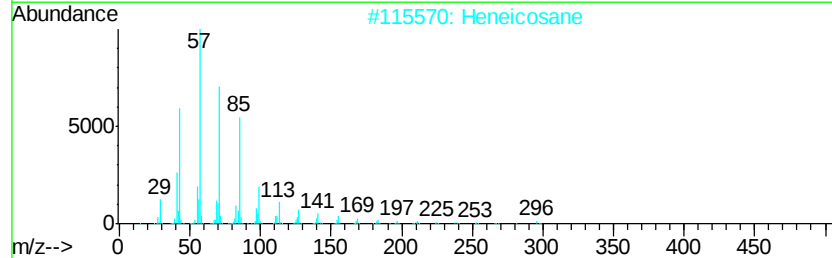
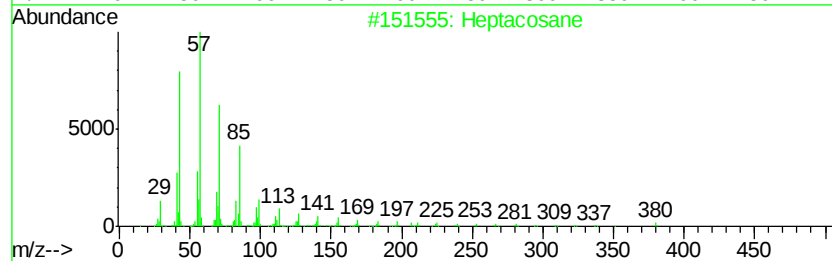
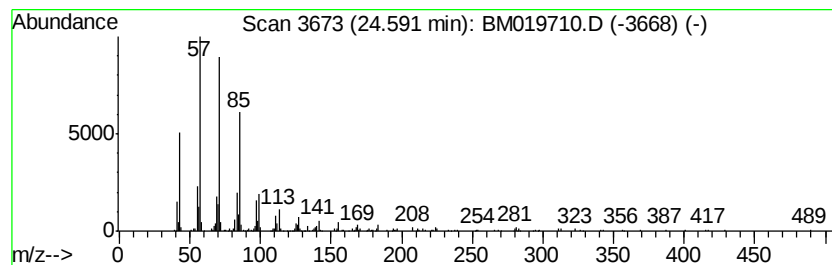
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.59	3.25 ng/ul	545060	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
4		Heptadecane	240	C17H36	000629-78-7	83
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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Sample : K2168-03
Misc :
ALS Vial : 19 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	3.7	ng/ul	638980	5	21.20	3460910	20.0
(DEL) Alkane: Cyc...	20.90	4.3	ng/ul	746022	5	21.20	3460910	20.0
(DEL) Alkane: Str...	22.20	2.2	ng/ul	376452	5	21.20	3460910	20.0
(DEL) Alkane: Str...	22.70	2.9	ng/ul	484083	6	23.40	3355470	20.0
(DEL) Alkane: Str...	23.87	3.6	ng/ul	604980	6	23.40	3355470	20.0
(DEL) Alkane: Str...	24.59	3.3	ng/ul	545060	6	23.40	3355470	20.0