

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
 Data File : BM021469.D
 Acq On : 16 Jul 2019 16:09
 Operator : HP/JU
 Sample : K3772-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52M4

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	3.222	35	40	61	rVB	2567207	3748249	63.89%	7.068%
2	6.904	661	666	675	rVB	164470	275168	4.69%	0.519%
3	7.069	689	694	703	rBV	505320	822287	14.02%	1.551%
4	7.263	721	727	737	rVB	604974	995846	16.97%	1.878%
5	7.728	800	806	813	rVB	612040	959077	16.35%	1.809%
6	8.433	920	926	937	rVB	459161	760218	12.96%	1.434%
7	8.892	997	1004	1018	rVB	687766	1171774	19.97%	2.210%
8	9.245	1061	1064	1070	rVB2	8607	12960	0.22%	0.024%
9	9.604	1118	1125	1137	rBV	577178	943746	16.09%	1.780%
10	10.057	1197	1202	1209	rBV4	9172	20328	0.35%	0.038%
11	10.139	1209	1216	1236	rVB	811341	1487561	25.36%	2.805%
12	10.510	1272	1279	1287	rVB	809321	1340367	22.85%	2.528%
13	10.674	1301	1307	1317	rBV	41271	90100	1.54%	0.170%
14	12.033	1534	1538	1545	rVV3	5433	8907	0.15%	0.017%
15	12.116	1545	1552	1559	rVB2	10527	21841	0.37%	0.041%
16	13.786	1824	1836	1841	rBV	1700626	2334298	39.79%	4.402%
17	13.833	1841	1844	1851	rVB	213307	293700	5.01%	0.554%
18	14.063	1876	1883	1894	rBV	1948666	2825366	48.16%	5.328%
19	14.368	1929	1935	1946	rVB2	1136382	1807182	30.80%	3.408%
20	14.610	1966	1976	1987	rBV3	61932	174563	2.98%	0.329%
21	14.792	2003	2007	2011	rVB2	8972	11241	0.19%	0.021%
22	15.215	2074	2079	2083	rVB4	8366	12303	0.21%	0.023%
23	15.368	2098	2105	2118	rBV	2596241	3602320	61.40%	6.793%
24	15.504	2122	2128	2140	rVV	569548	838628	14.29%	1.581%
25	15.609	2140	2146	2151	rVB	27652	39487	0.67%	0.074%
26	16.074	2222	2225	2229	rBV3	6110	9076	0.15%	0.017%
27	16.151	2233	2238	2243	rVB4	10670	16287	0.28%	0.031%
28	16.527	2297	2302	2310	rBV6	5856	11347	0.19%	0.021%
29	16.868	2357	2360	2363	rBV4	6444	8776	0.15%	0.017%
30	16.909	2363	2367	2371	rVB2	6354	11146	0.19%	0.021%
31	17.121	2394	2403	2413	rBV2	1651792	2225662	37.94%	4.197%
32	17.221	2413	2420	2430	rBV	2839159	3922704	66.86%	7.397%
33	17.609	2480	2486	2491	rBV5	9253	10850	0.18%	0.020%
34	17.886	2529	2533	2538	rBV6	12553	17720	0.30%	0.033%

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 Title : SVOA CALIBRATION

35	18.015	2549	2555	2565	rBV	221580	354291	6.04%	0.668%
36	18.086	2565	2567	2571	rVB2	9774	14370	0.24%	0.027%
37	18.303	2600	2604	2608	rBV4	18362	26801	0.46%	0.051%
38	18.939	2708	2712	2716	rBV2	37697	44384	0.76%	0.084%
39	19.150	2744	2748	2758	rBV3	88357	189879	3.24%	0.358%
40	19.297	2768	2773	2782	rBV2	155578	266424	4.54%	0.502%
41	19.403	2788	2791	2795	rBV2	25121	32400	0.55%	0.061%
42	19.521	2805	2811	2816	rBV	3568472	4970106	84.72%	9.373%
43	19.556	2816	2817	2823	rVB	100007	86803	1.48%	0.164%
44	20.050	2898	2901	2905	rBV	148029	160365	2.73%	0.302%
45	20.550	2982	2986	2990	rBV	356311	372643	6.35%	0.703%
46	21.015	3061	3065	3074	rBV	546014	699234	11.92%	1.319%
47	21.309	3110	3115	3127	rBV	1977435	2725618	46.46%	5.140%
48	21.450	3135	3139	3146	rBV	671591	704798	12.01%	1.329%
49	21.886	3210	3213	3219	rBV	558601	633990	10.81%	1.196%
50	22.350	3289	3292	3306	rVB	509561	720612	12.28%	1.359%
51	22.485	3311	3315	3320	rVB	268584	351851	6.00%	0.664%
52	22.862	3375	3379	3385	rVB	469675	620316	10.57%	1.170%
53	23.427	3469	3475	3490	rVB	3320163	5866781	100.00%	11.063%
54	23.568	3494	3499	3514	rVB2	1454347	2808909	47.88%	5.297%
55	24.074	3582	3585	3596	rVB	302585	546654	9.32%	1.031%

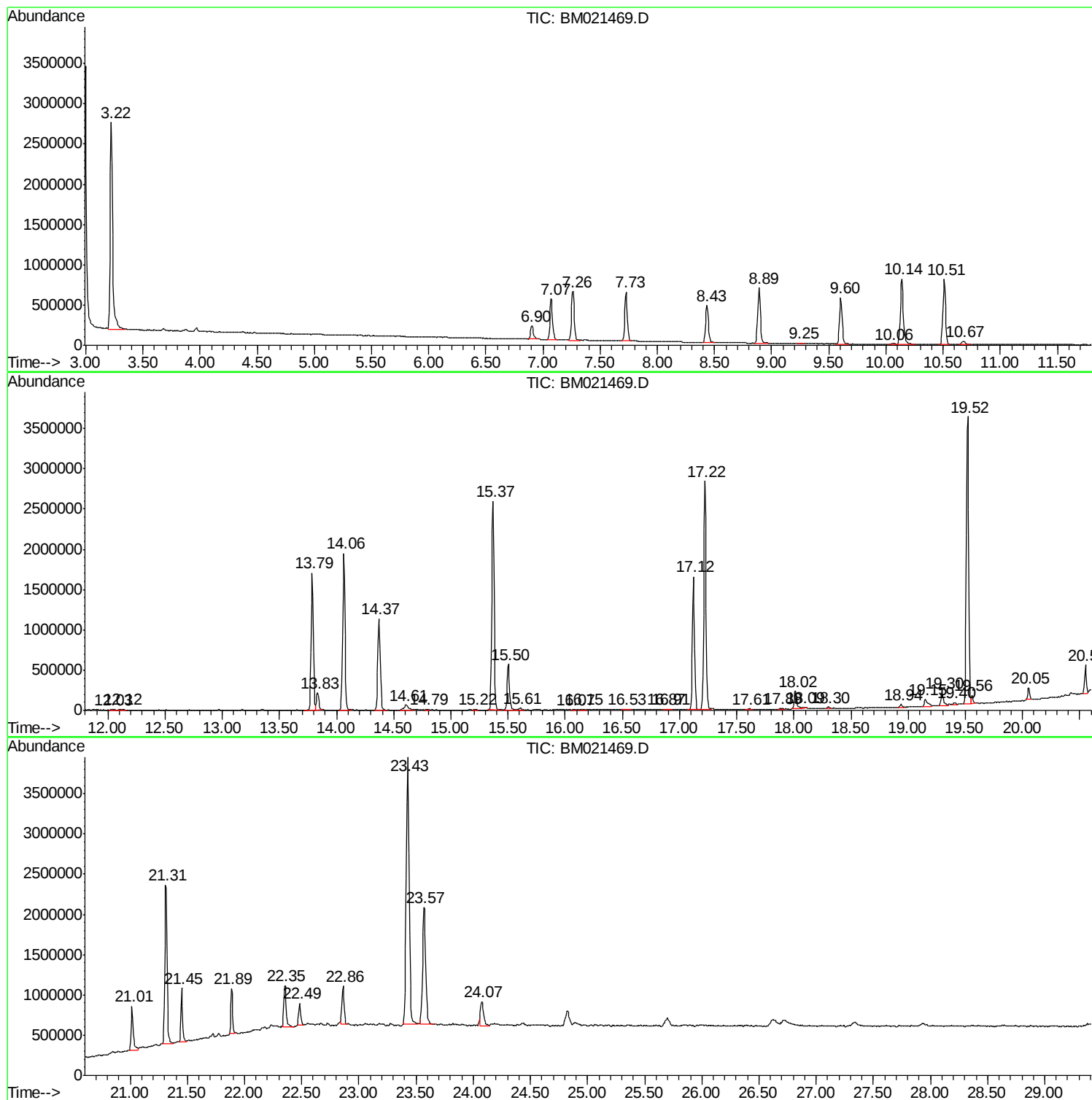
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



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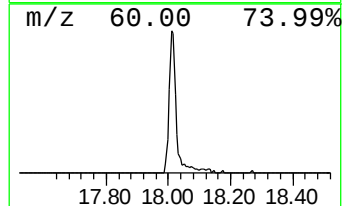
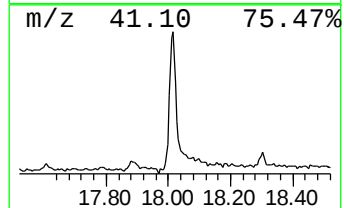
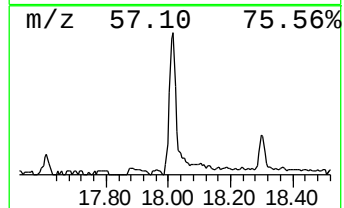
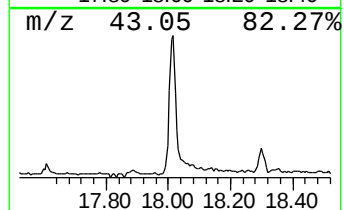
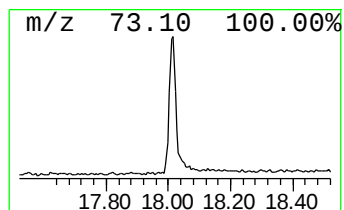
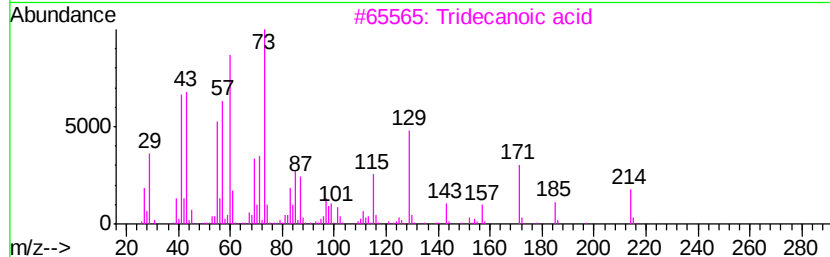
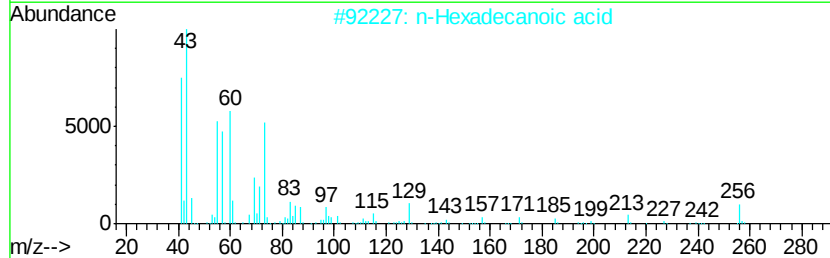
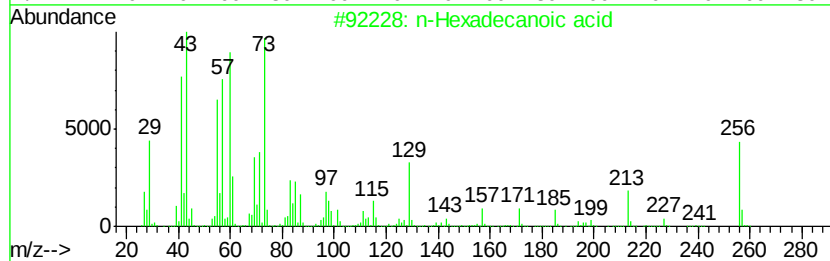
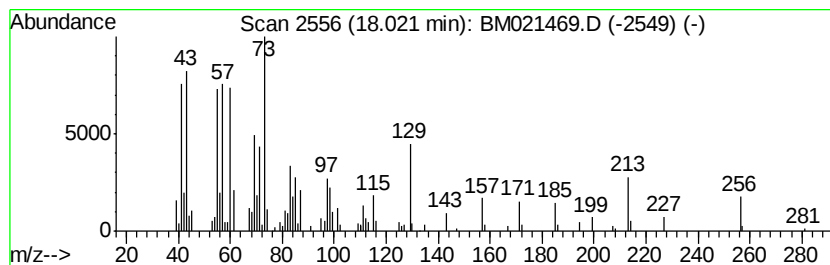
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.18 ng/ul	354291	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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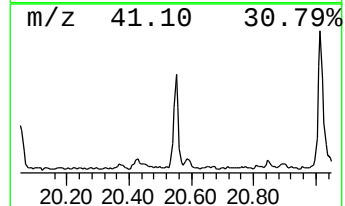
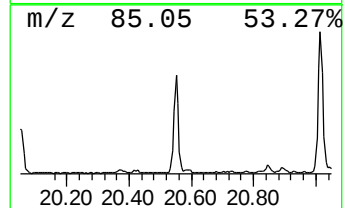
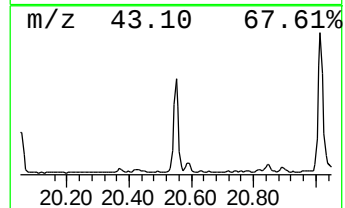
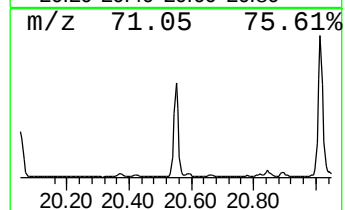
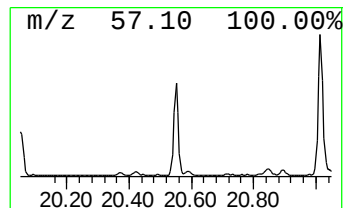
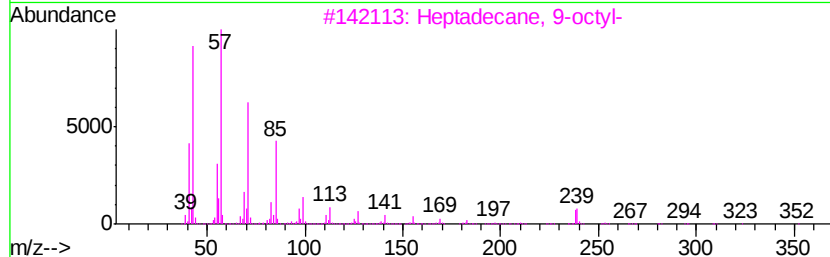
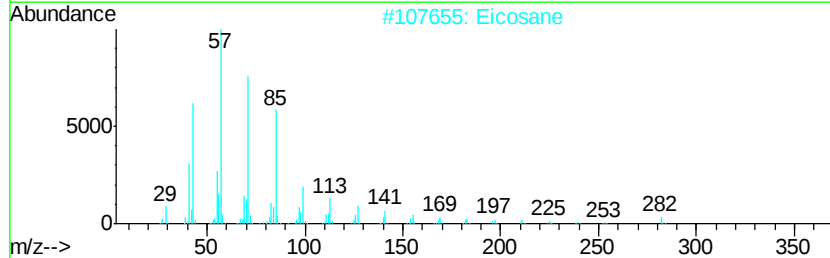
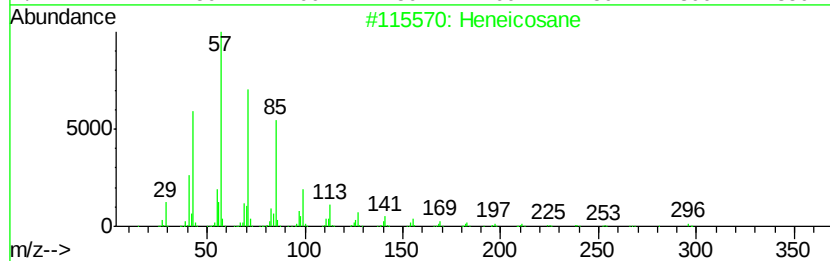
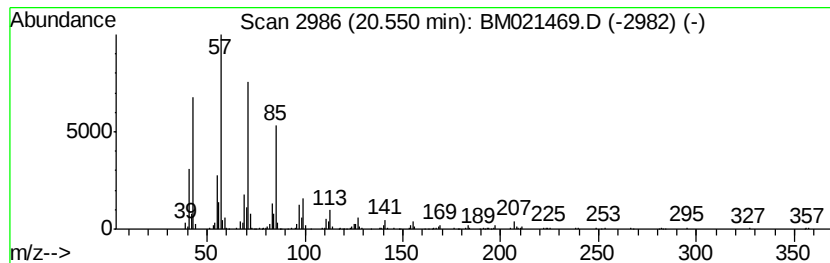
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	2.73 ng/ul	372643	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Eicosane	282	C20H42	000112-95-8	87



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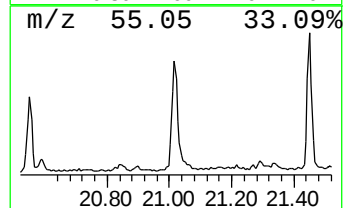
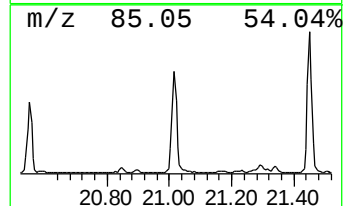
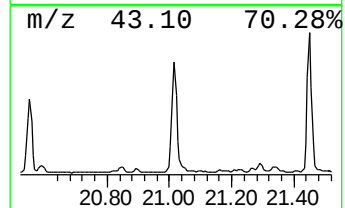
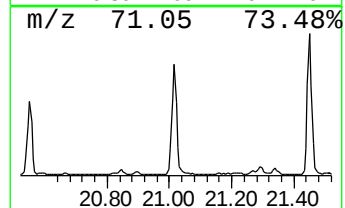
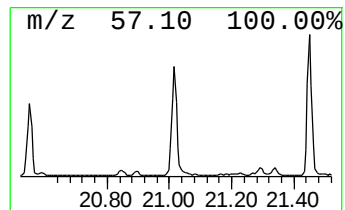
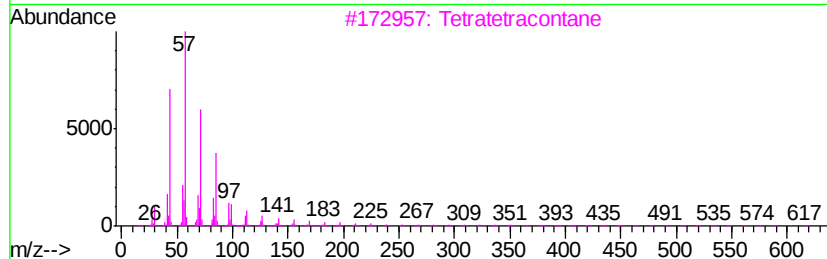
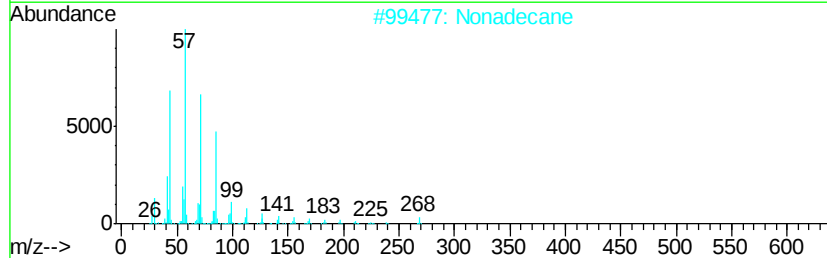
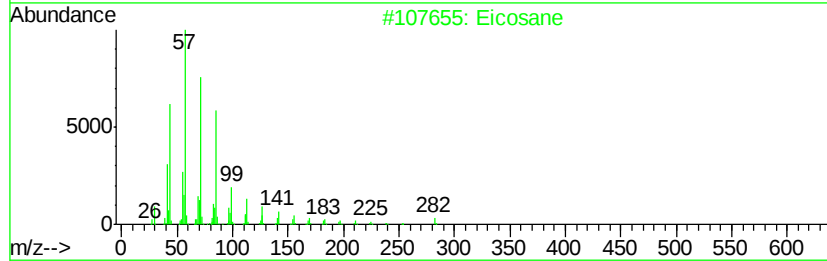
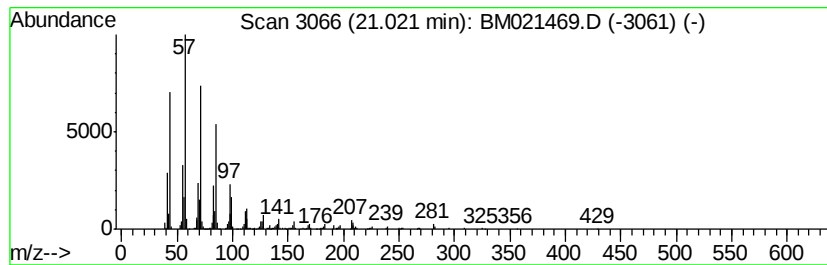
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	5.13 ng/ul	699234	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Nonadecane	268	C19H40	000629-92-5	93
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90



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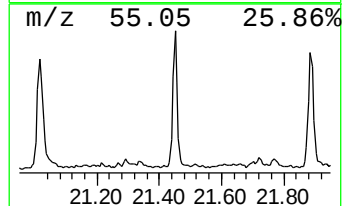
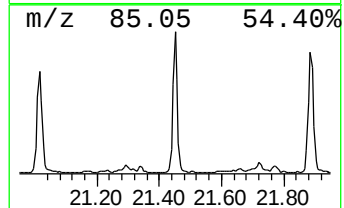
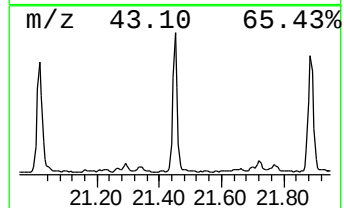
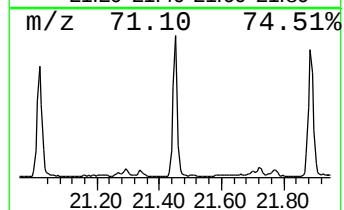
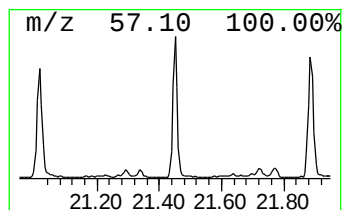
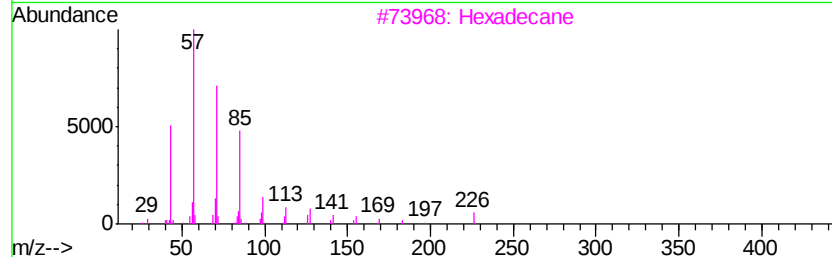
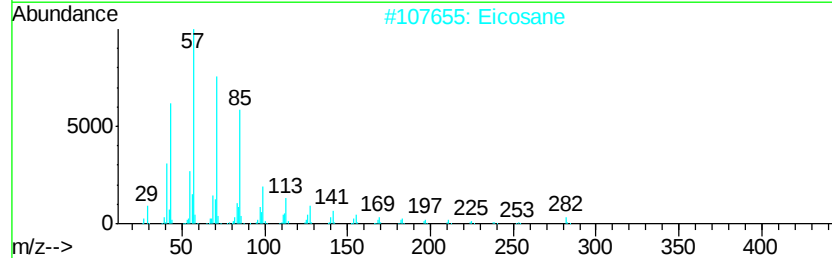
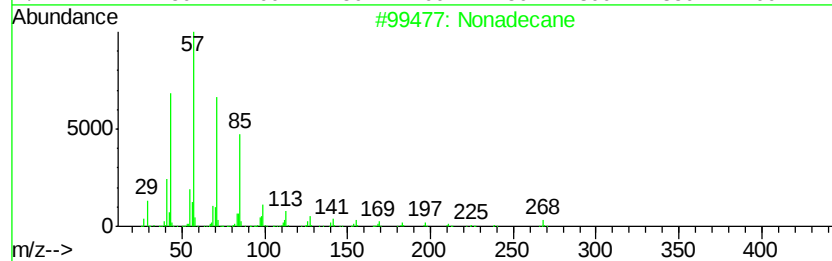
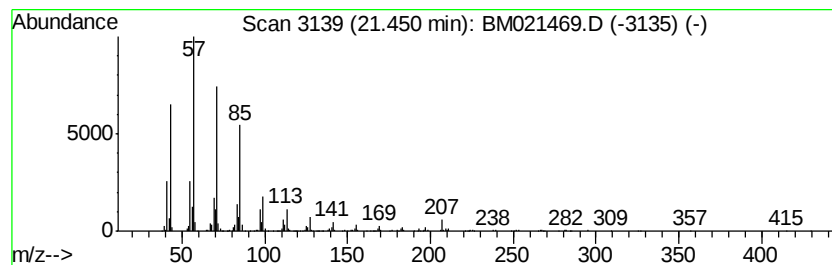
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	5.17 ng/ul	704798	Chrysene-d12	21.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Eicosane	282	C20H42	000112-95-8	94
3			Hexadecane	226	C16H34	000544-76-3	93
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			Octacosane	394	C28H58	000630-02-4	91



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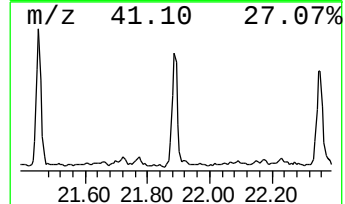
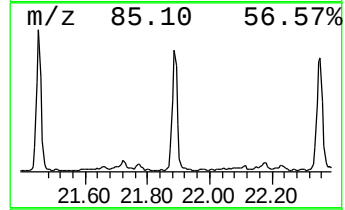
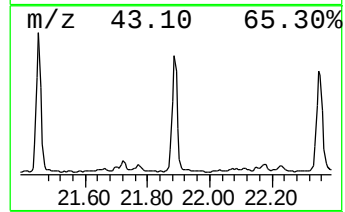
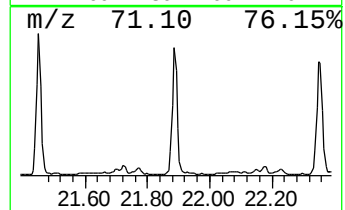
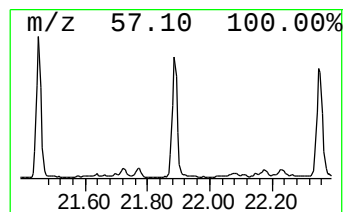
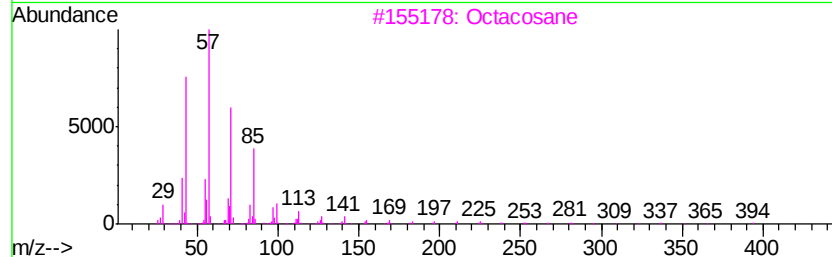
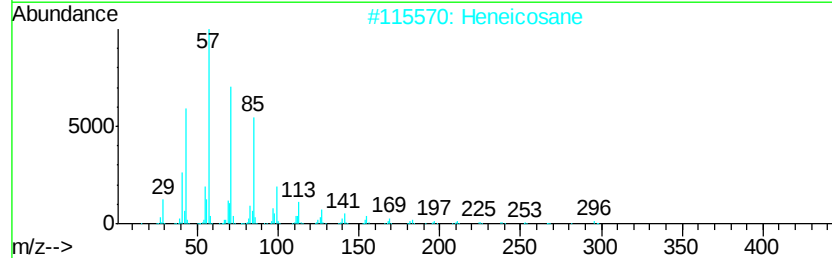
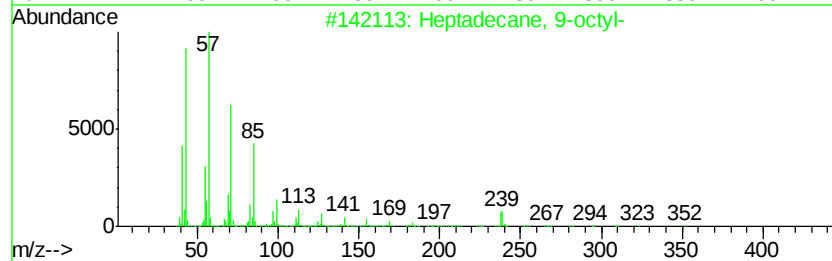
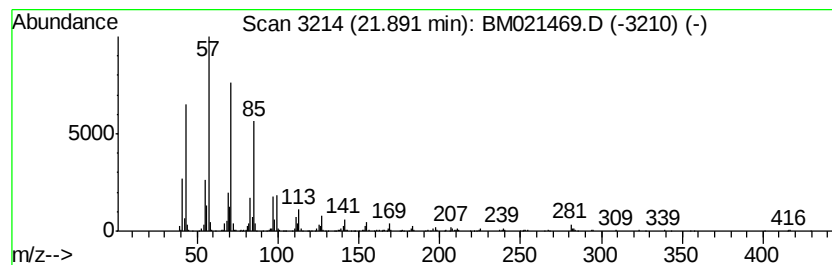
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	4.65 ng/ul	633990	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021469.D
Acq On : 16 Jul 2019 16:09
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52M4

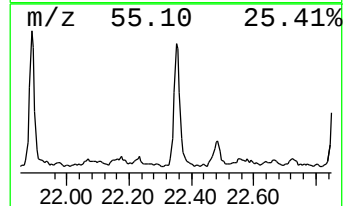
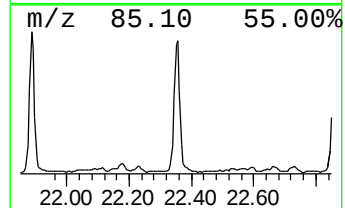
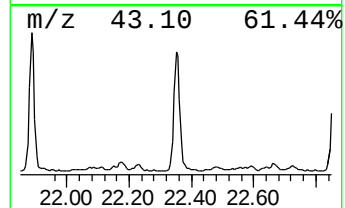
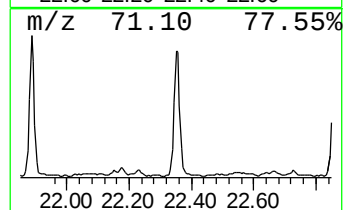
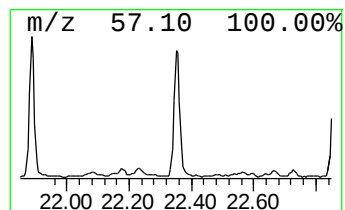
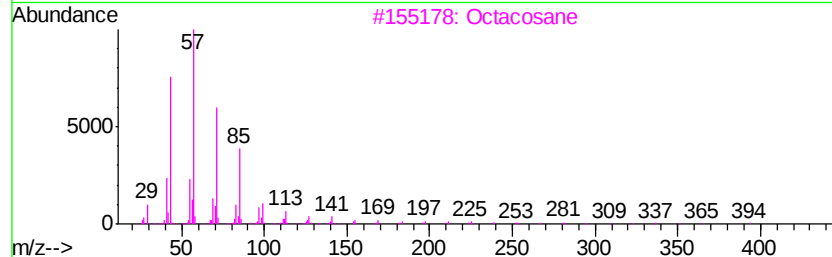
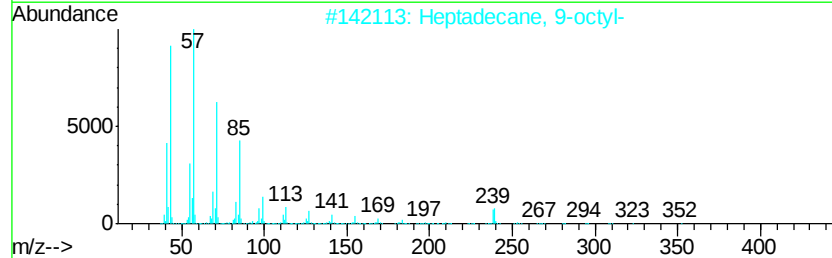
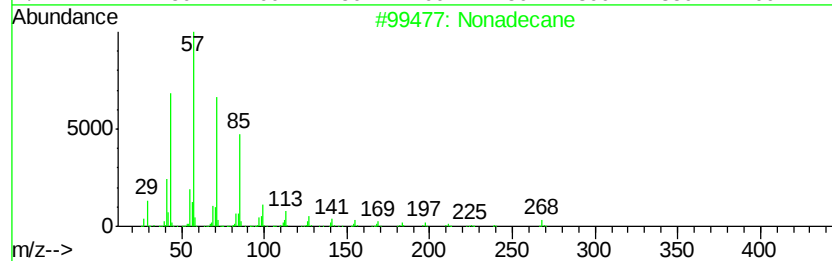
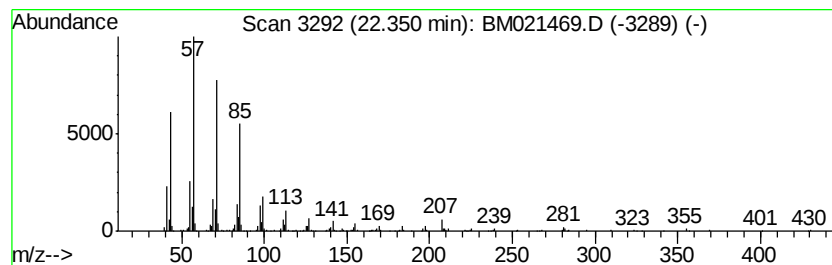
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	5.29 ng/ul	720612	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021469.D
Acq On : 16 Jul 2019 16:09
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

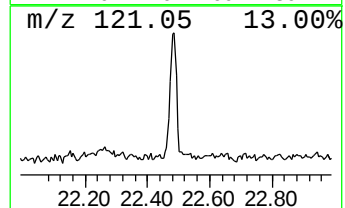
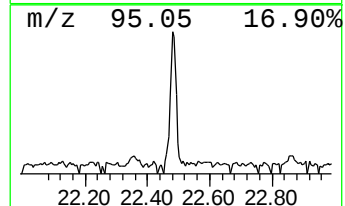
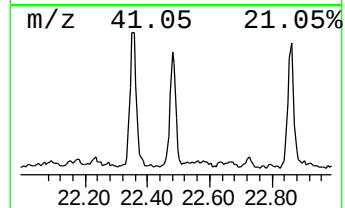
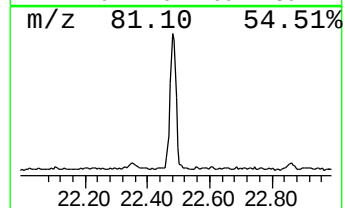
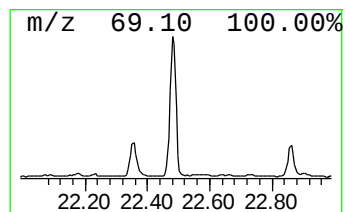
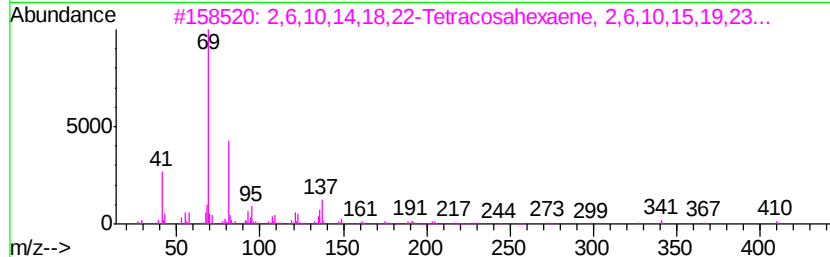
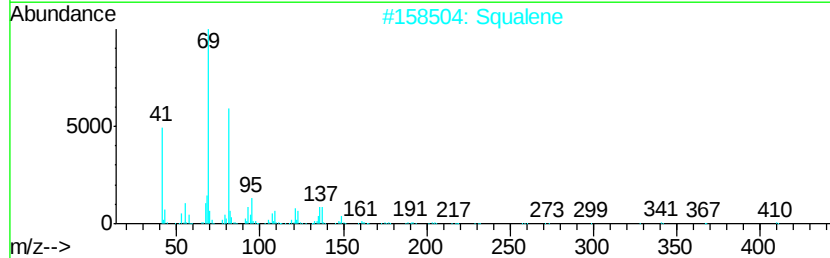
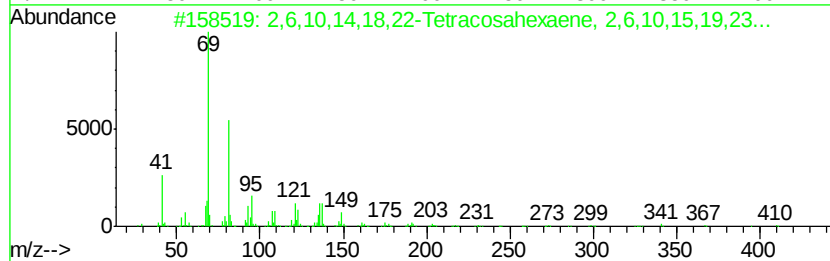
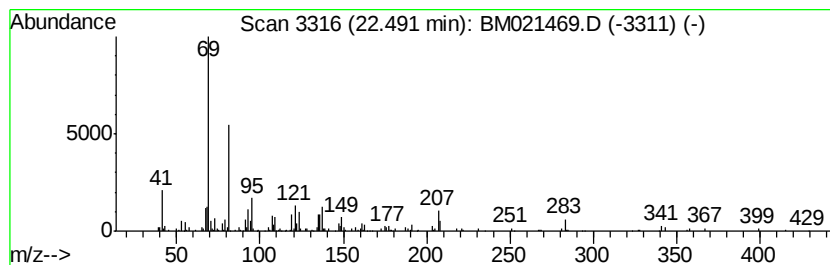
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 2,6,10,14,18,22-Tetracosahe... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.51 ng/ul	351851	Perylene-d12	23.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6,10,14,18,22-Tetracosahe...	410 C30H50	000111-02-4	87
2	Squalene	410 C30H50	007683-64-9	81
3	2,6,10,14,18,22-Tetracosahe...	410 C30H50	000111-02-4	74
4	Squalene	410 C30H50	007683-64-9	72
5	Docosa-2,6,10,14,18-pentaen-22-a...	384 C27H44O	1000163-04-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021469.D
Acq On : 16 Jul 2019 16:09
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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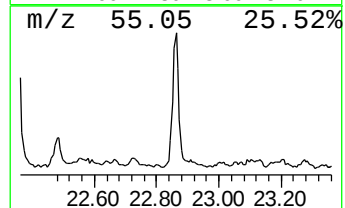
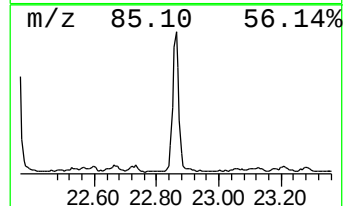
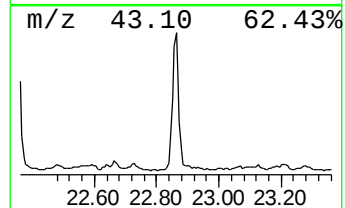
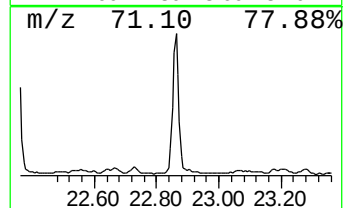
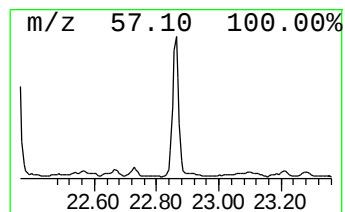
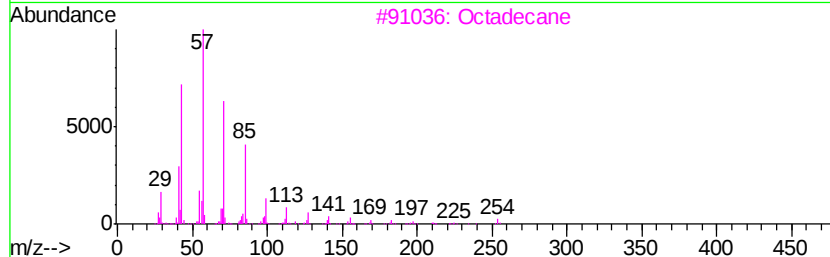
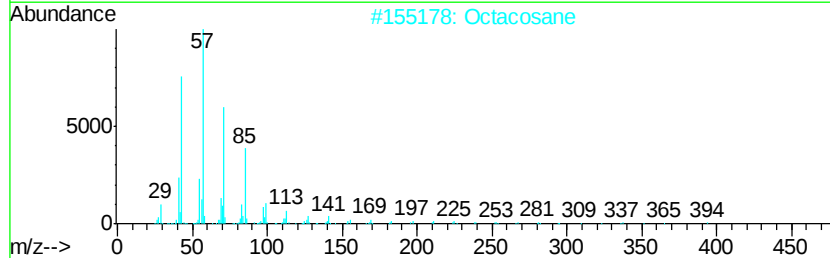
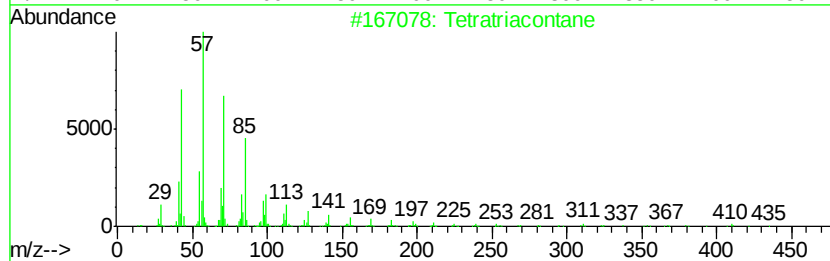
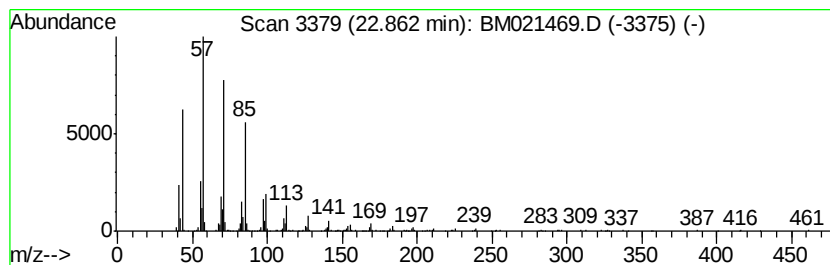
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	4.42 ng/ul	620316	Perylene-d12	23.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Octadecane	254	C18H38	000593-45-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021469.D
Acq On : 16 Jul 2019 16:09
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52M4

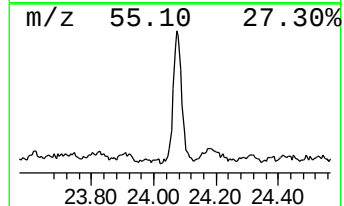
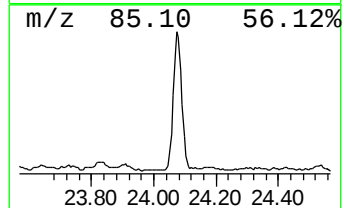
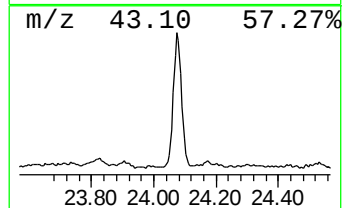
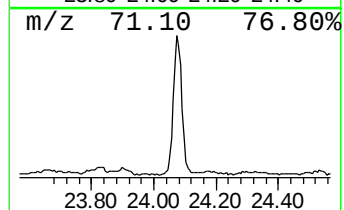
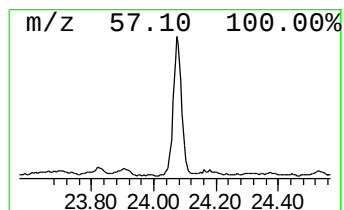
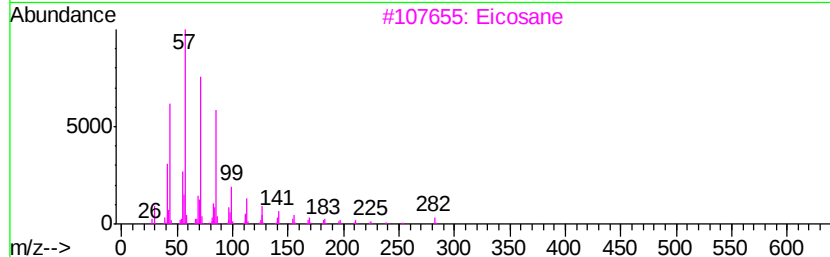
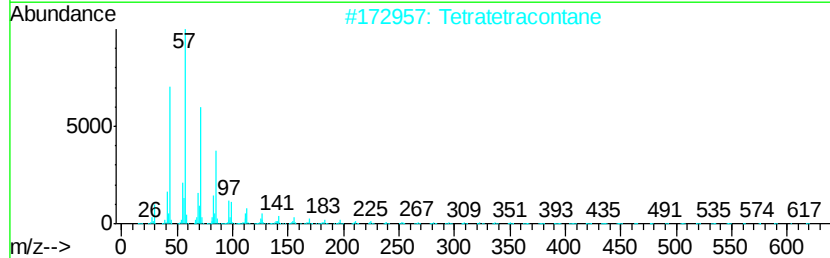
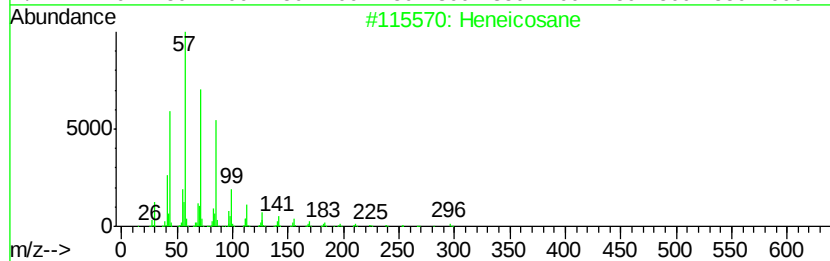
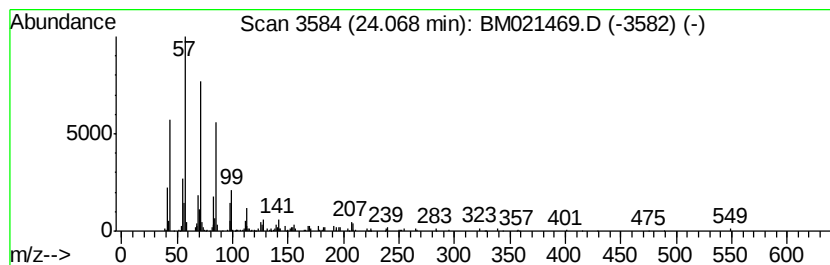
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	3.89 ng/ul	546654	Perylene-d12	23.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Tetratetracontane		619	C44H90	007098-22-8	87
3	Eicosane		282	C20H42	000112-95-8	87
4	Triacontane		422	C30H62	000638-68-6	87
5	Docosane, 11-decyl-		451	C32H66	055401-55-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071619\
Data File : BM021469.D
Acq On : 16 Jul 2019 16:09
Operator : HP/JU
Sample : K3772-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.02	3.2	ng/ul	354291	4	17.12	2225660	20.0
(DEL) Alkane: Str...	20.55	2.7	ng/ul	372643	5	21.31	2725620	20.0
(DEL) Alkane: Str...	21.02	5.1	ng/ul	699234	5	21.31	2725620	20.0
(DEL) Alkane: Str...	21.45	5.2	ng/ul	704798	5	21.31	2725620	20.0
(DEL) Alkane: Str...	21.89	4.7	ng/ul	633990	5	21.31	2725620	20.0
(DEL) Alkane: Str...	22.35	5.3	ng/ul	720612	5	21.31	2725620	20.0
2,6,10,14,18,22-T...	22.49	2.5	ng/ul	351851	6	23.57	2808910	20.0
(DEL) Alkane: Str...	22.86	4.4	ng/ul	620316	6	23.57	2808910	20.0
(DEL) Alkane: Str...	24.07	3.9	ng/ul	546654	6	23.57	2808910	20.0