

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
 Data File : BM016149.D
 Acq On : 01 Aug 2018 21:14
 Operator : SJ/JU
 Sample : J4171-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JJ1K4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BM071318MA.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	3.457	25	29	38	rVB	14293	25115	1.31%	0.119%
2	7.351	684	691	705	rBV	298120	527591	27.49%	2.498%
3	7.516	713	719	732	rBV	240105	383043	19.96%	1.813%
4	7.722	748	754	767	rBV	349251	584448	30.46%	2.767%
5	8.192	828	834	841	rBV	234362	386406	20.14%	1.829%
6	8.910	951	956	975	rBV	389289	665521	34.68%	3.151%
7	9.381	1030	1036	1051	rBV	348156	591377	30.82%	2.800%
8	10.104	1152	1159	1173	rBB	328050	569120	29.66%	2.694%
9	10.639	1244	1250	1272	rBV	418560	754350	39.31%	3.571%
10	11.016	1307	1314	1324	rBV	338414	566499	29.52%	2.682%
11	11.163	1333	1339	1355	rBV	371972	670026	34.91%	3.172%
12	14.227	1854	1860	1865	rBV	848739	1136874	59.24%	5.382%
13	14.274	1865	1868	1876	rVB	72554	98096	5.11%	0.464%
14	14.521	1903	1910	1923	rBV	912619	1279750	66.69%	6.059%
15	14.821	1955	1961	1969	rBB2	503850	739261	38.52%	3.500%
16	15.039	1993	1998	2018	rBV	199048	406177	21.17%	1.923%
17	15.810	2123	2129	2137	rBV	1129592	1569521	81.79%	7.431%
18	15.945	2148	2152	2163	rBV	327841	476213	24.82%	2.255%
19	17.551	2419	2425	2433	rBV	622745	875573	45.63%	4.145%
20	17.651	2436	2442	2453	rBV2	1200991	1655533	86.27%	7.838%
21	18.398	2564	2569	2580	rBV	192833	273485	14.25%	1.295%
22	19.650	2778	2782	2787	rBV2	88720	111667	5.82%	0.529%
23	19.915	2821	2827	2834	rVB	1470127	1919030	100.00%	9.086%
24	20.392	2904	2908	2913	rBV2	28034	35285	1.84%	0.167%
25	20.750	2966	2969	2973	rBV5	19215	24446	1.27%	0.116%
26	20.821	2978	2981	2987	rVB6	26933	30543	1.59%	0.145%
27	20.880	2987	2991	2996	rBV2	49088	60126	3.13%	0.285%
28	21.350	3065	3071	3082	rBV3	105933	274577	14.31%	1.300%
29	21.674	3121	3126	3134	rVB	818236	1052487	54.84%	4.983%
30	21.768	3139	3142	3148	rVB2	74448	85287	4.44%	0.404%
31	22.215	3215	3218	3222	rBV	83537	102264	5.33%	0.484%
32	22.697	3297	3300	3307	rVB2	86391	116921	6.09%	0.554%
33	22.833	3320	3323	3331	rVB	119934	166756	8.69%	0.789%
34	23.227	3386	3390	3395	rVB	101876	149227	7.78%	0.707%

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35	23.815	3486	3490	3494	rBV	88774	143284	7.47%	0.678%
36	23.880	3494	3501	3509	rVB	875761	1592821	83.00%	7.541%
37	24.027	3520	3526	3537	rVB	441065	854580	44.53%	4.046%
38	24.491	3601	3605	3615	rVB	89473	168570	8.78%	0.798%

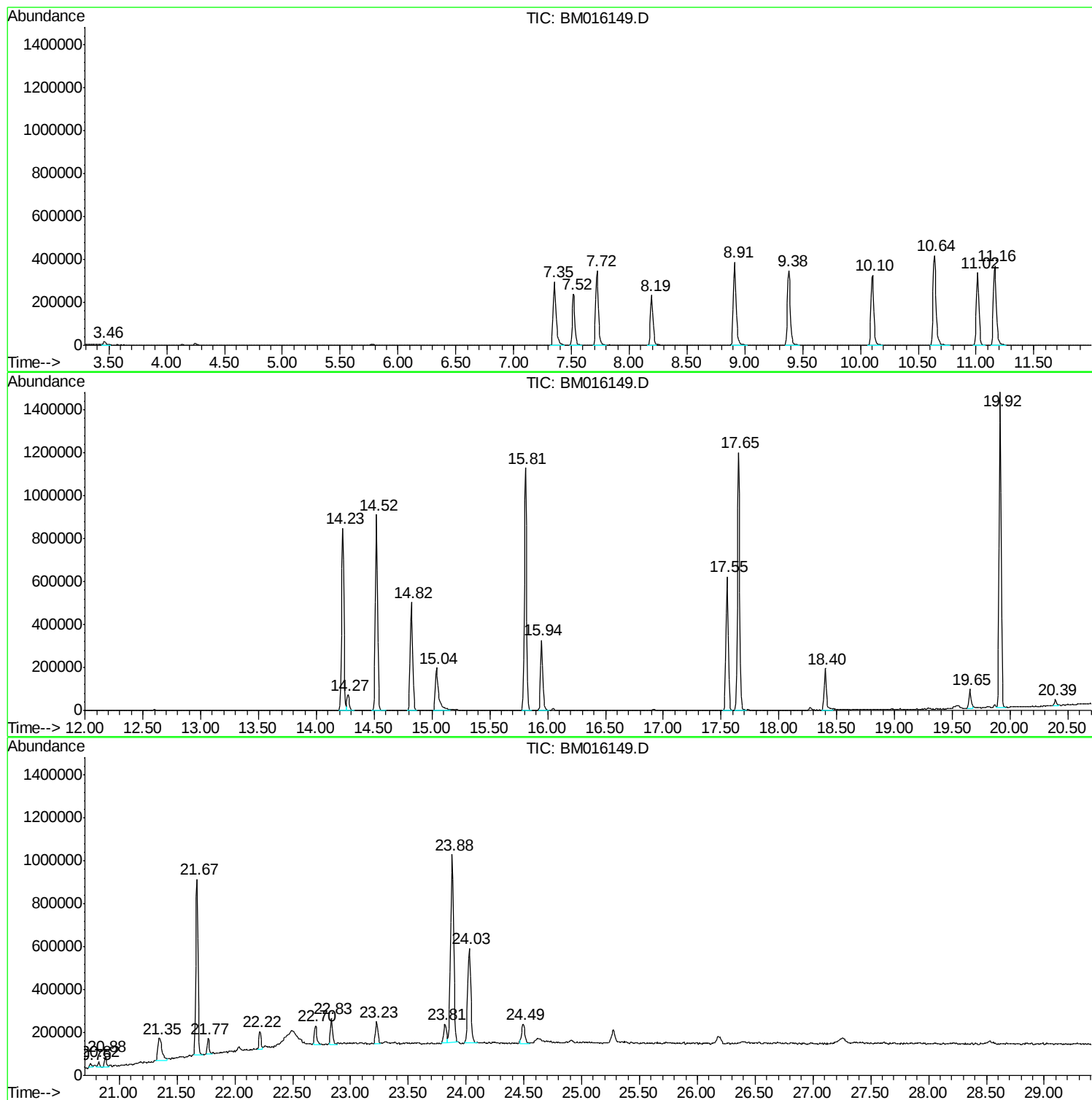
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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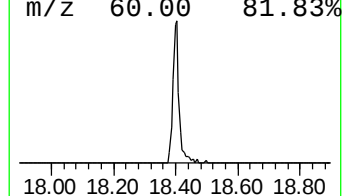
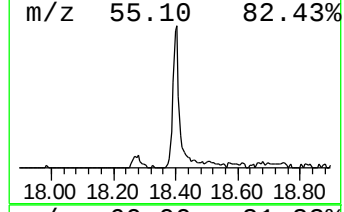
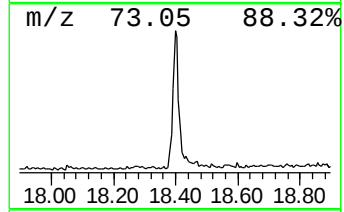
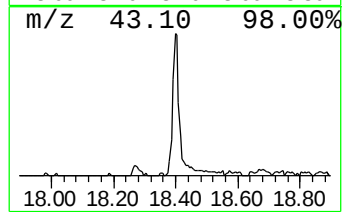
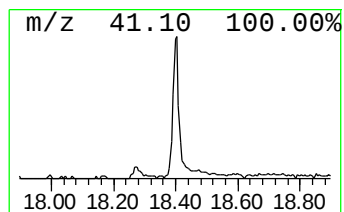
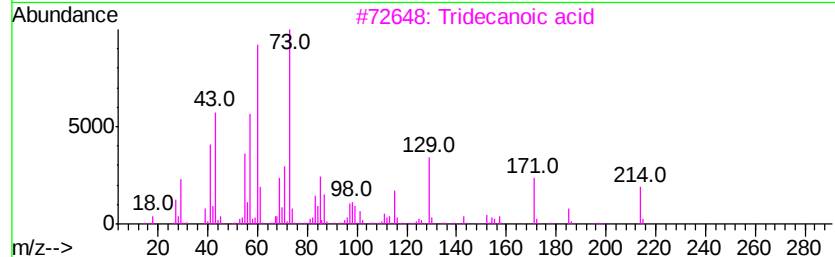
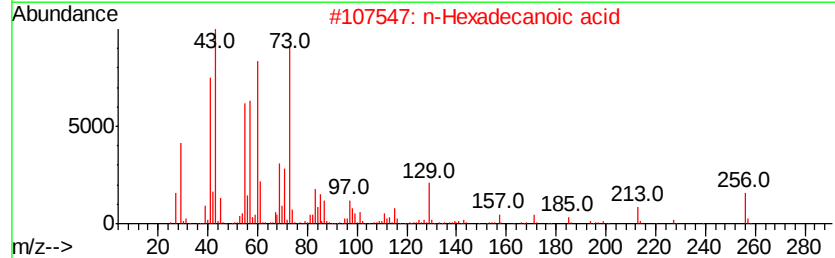
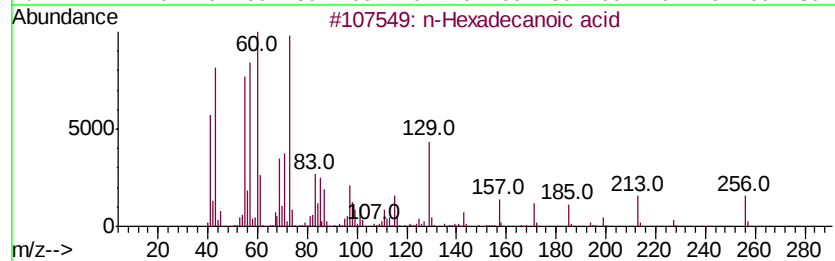
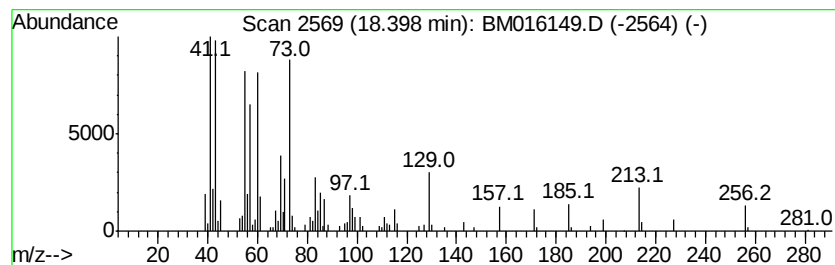
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	6.25 ng/ul	273485	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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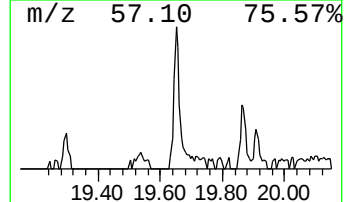
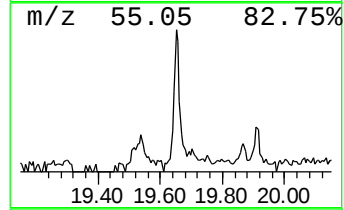
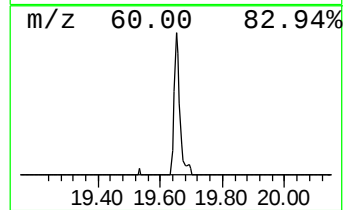
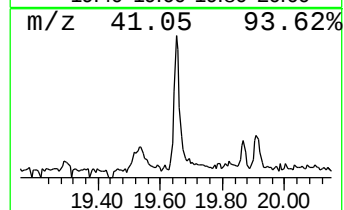
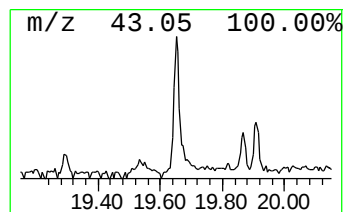
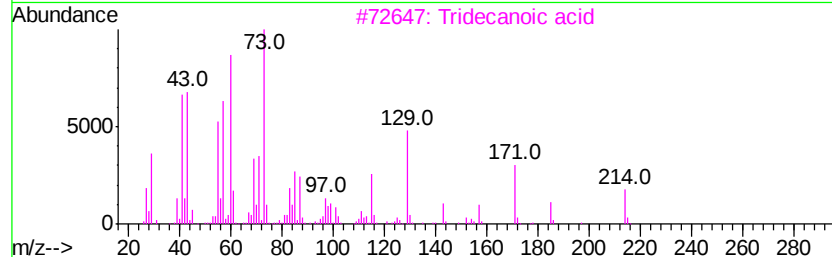
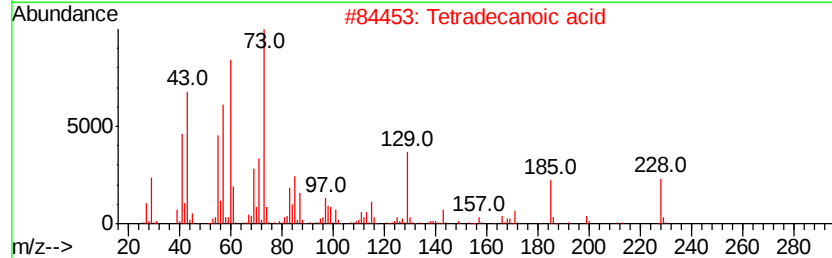
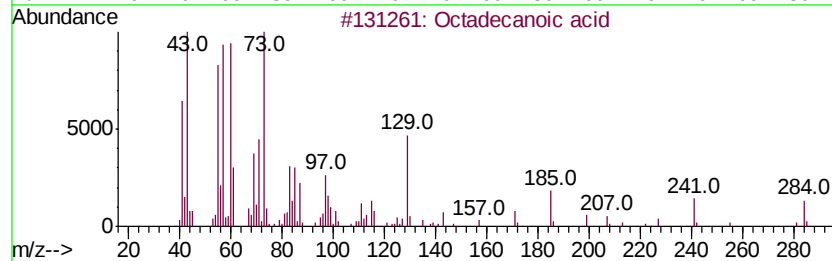
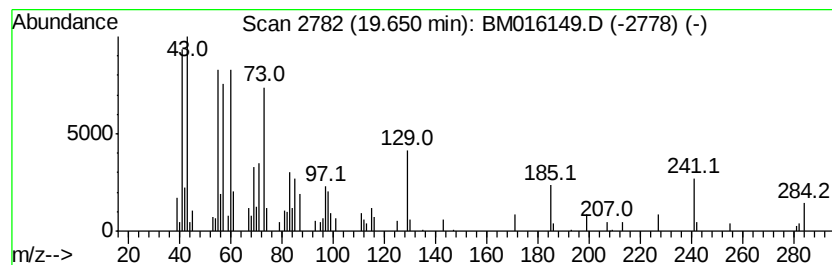
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	2.12 ng/ul	111667	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	87
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	62
3		Tridecanoic acid	214	C13H26O2	000638-53-9	59
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	53



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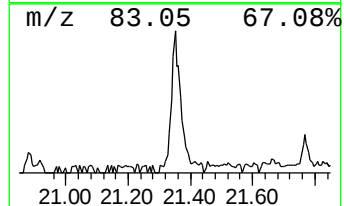
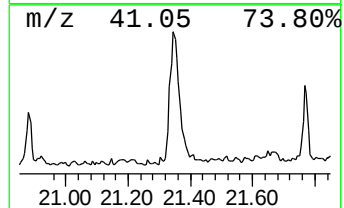
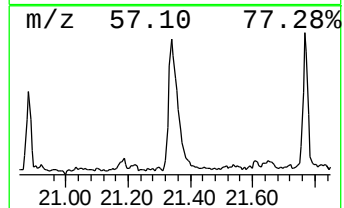
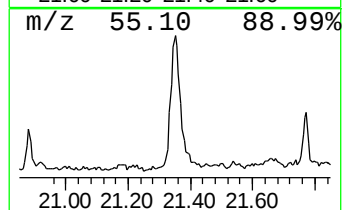
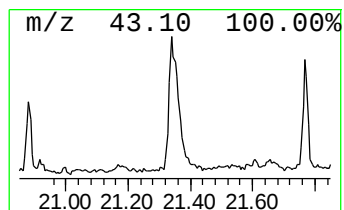
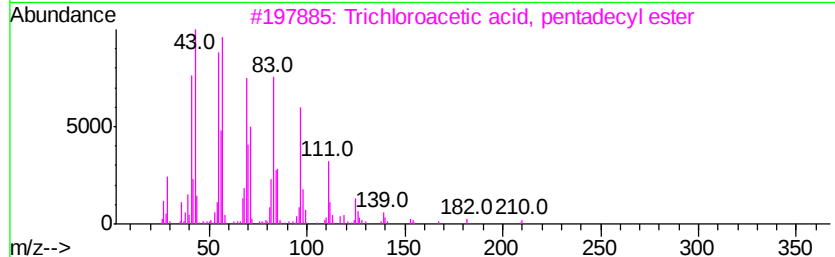
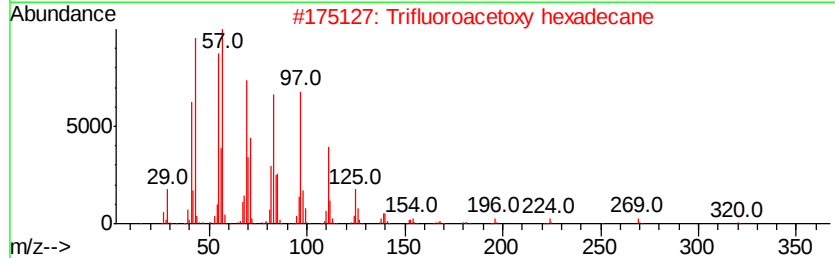
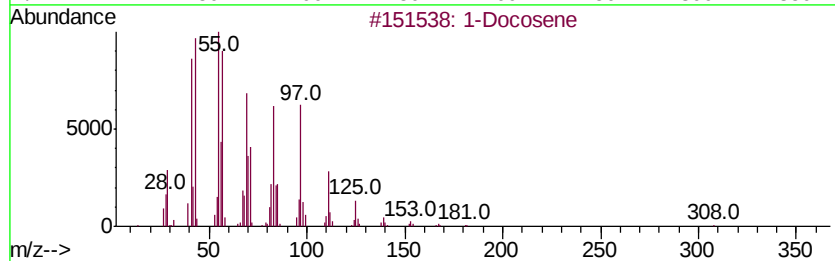
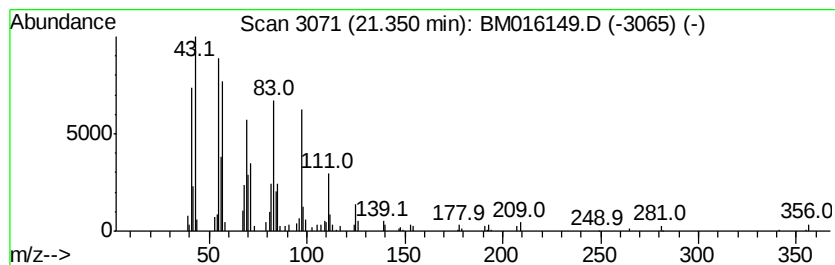
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Peak Number 3 (DEL) Alkane: Cyclic21.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	5.22 ng/ul	274577	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	94
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91



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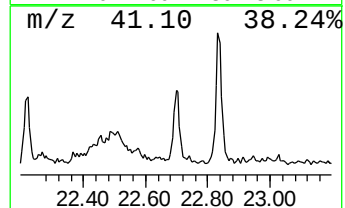
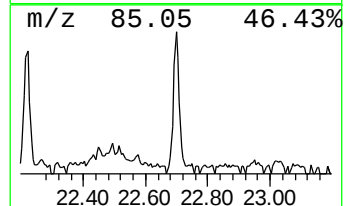
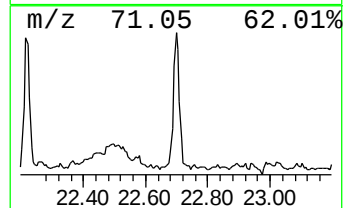
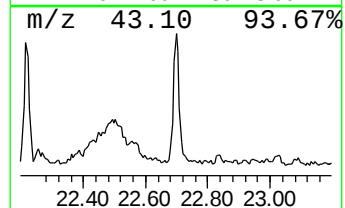
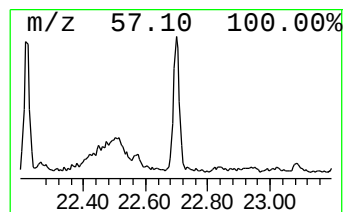
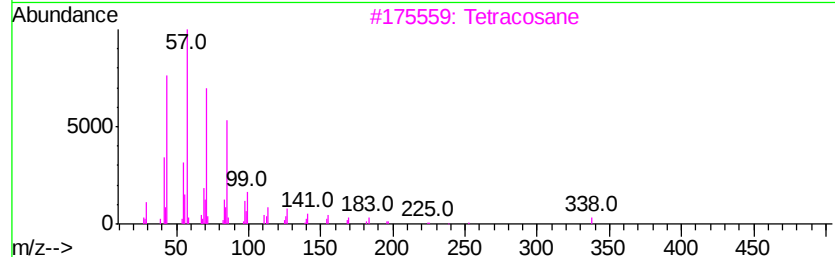
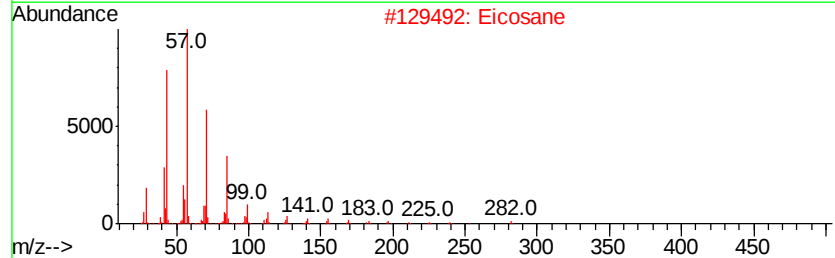
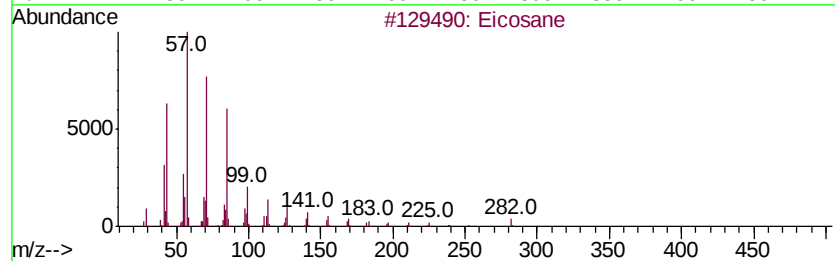
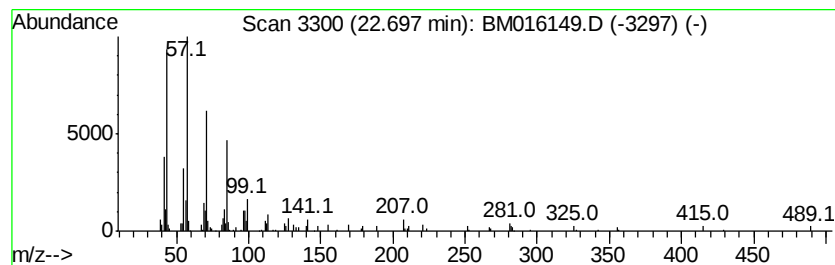
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.22 ng/ul	116921	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Eicosane	282	C20H42	000112-95-8	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Octacosane	394	C28H58	000630-02-4	87



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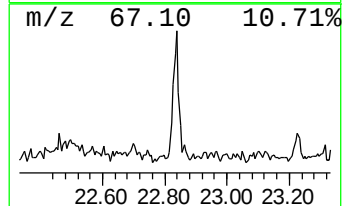
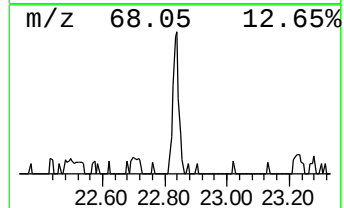
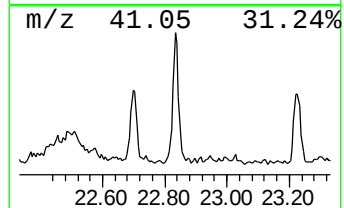
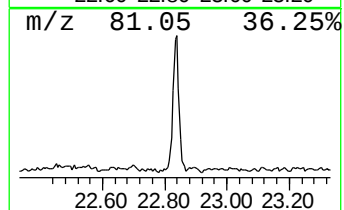
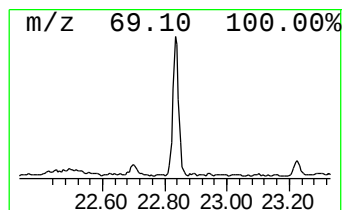
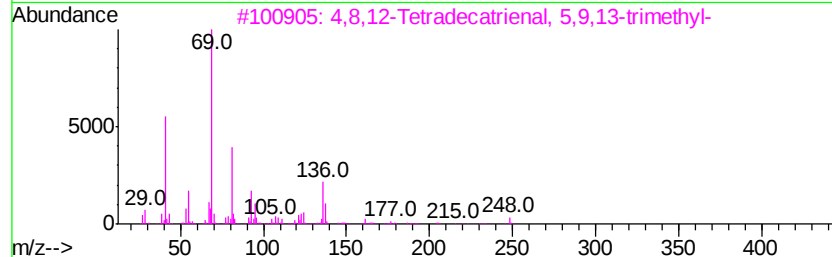
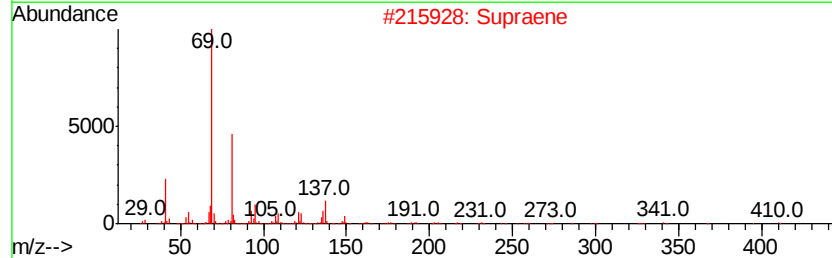
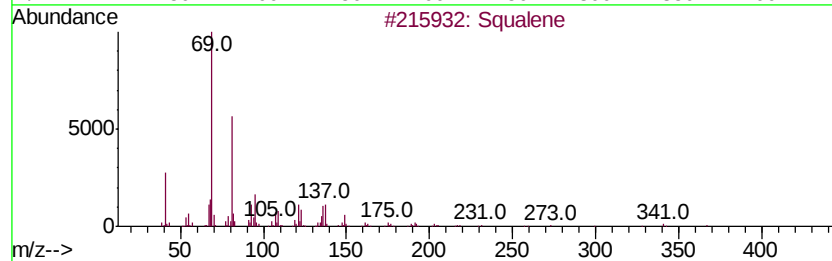
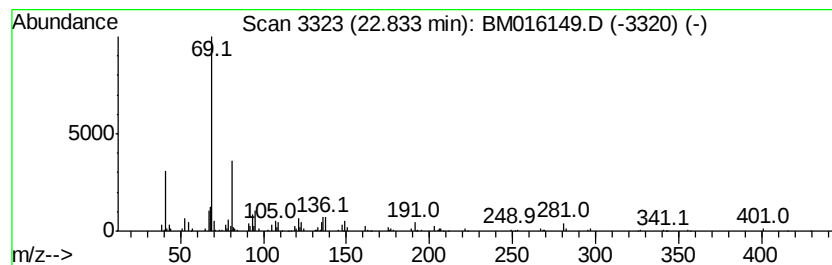
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Peak Number 5 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	3.17 ng/ul	166756	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	72
2		Supraene	410	C30H50	007683-64-9	72
3		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	59
4		2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	53
5		trans-Farnesol	222	C15H26O	000106-28-5	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016149.D
Acq On : 01 Aug 2018 21:14
Operator : SJ/JU
Sample : J4171-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ1K4

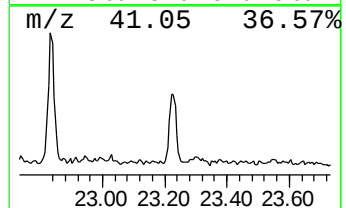
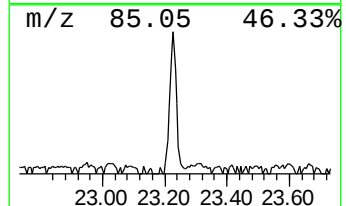
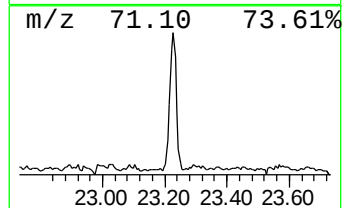
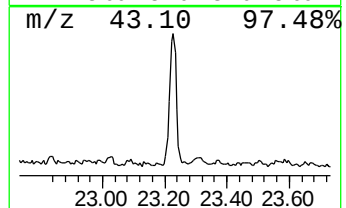
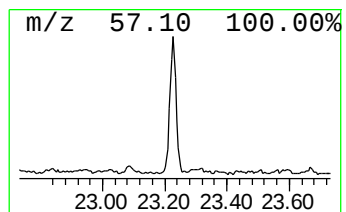
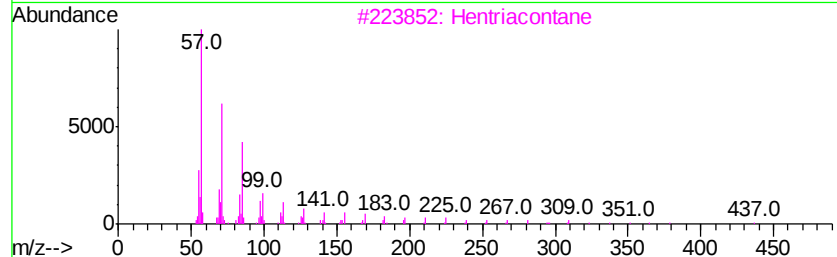
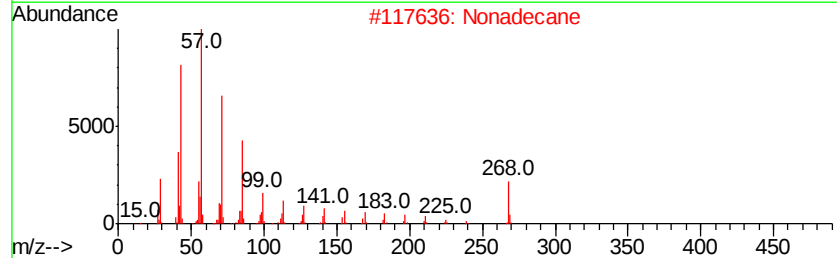
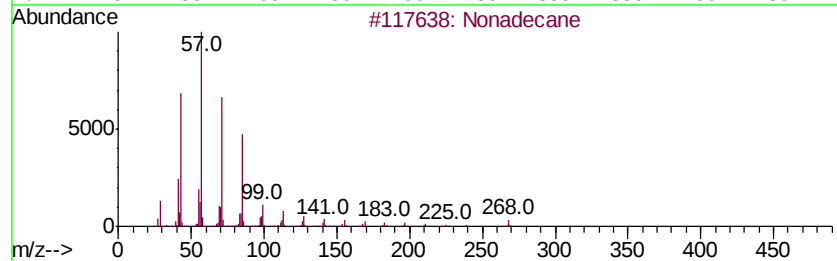
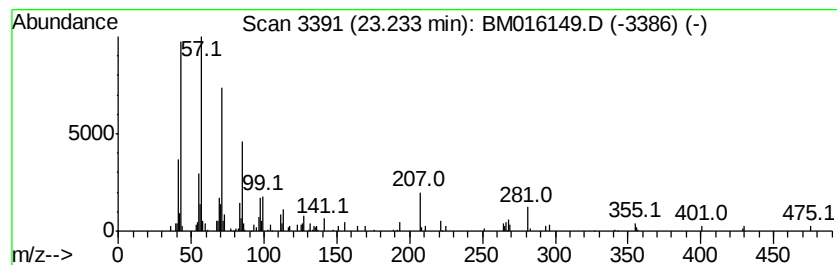
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	3.49 ng/ul	149227	Perylene-d12	24.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	96
2			Nonadecane	268	C19H40	000629-92-5	94
3			Hentriacontane	437	C31H64	000630-04-6	87
4			Eicosane	282	C20H42	000112-95-8	81
5			Hexatriacontane	507	C36H74	000630-06-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016149.D
Acq On : 01 Aug 2018 21:14
Operator : SJ/JU
Sample : J4171-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ1K4

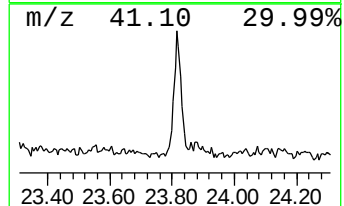
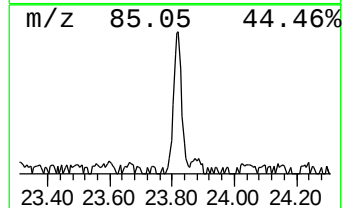
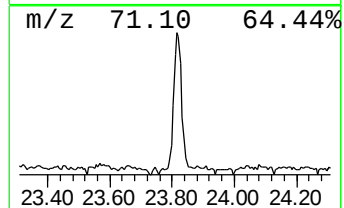
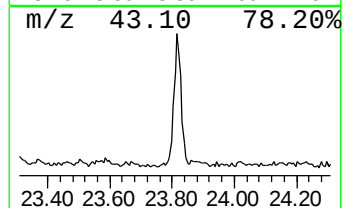
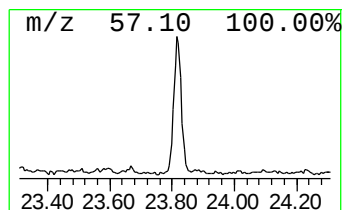
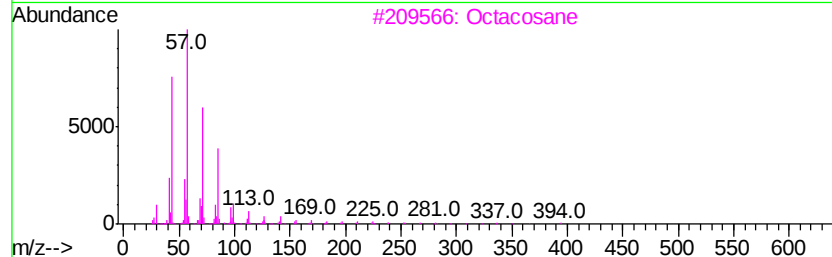
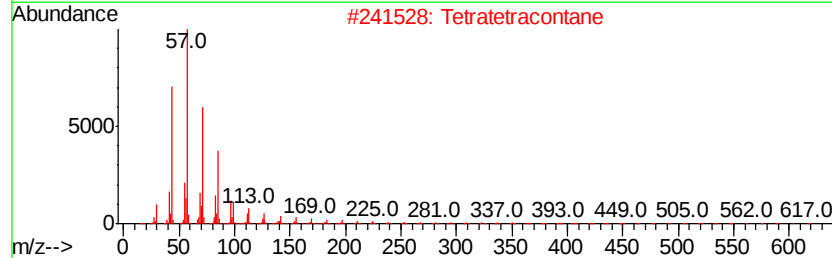
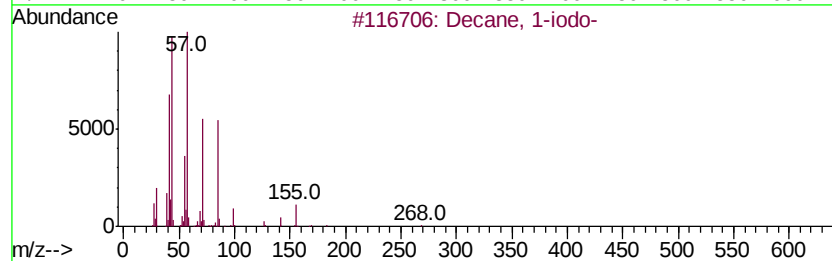
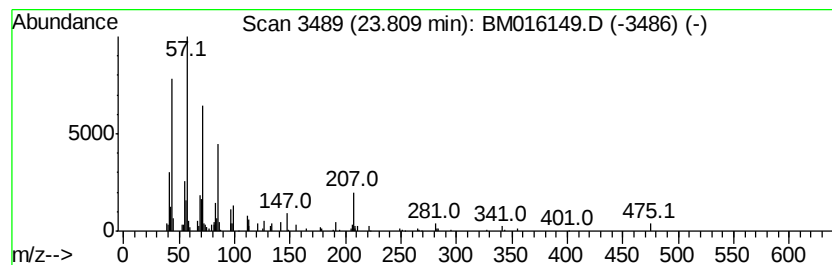
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Decane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	3.35 ng/ul	143284	Perylene-d12	24.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-		268	C10H21I	002050-77-3	89
2	Tetratetracontane		619	C44H90	007098-22-8	87
3	Octacosane		394	C28H58	000630-02-4	87
4	Hexatriacontane		507	C36H74	000630-06-8	87
5	Eicosane		282	C20H42	000112-95-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016149.D
Acq On : 01 Aug 2018 21:14
Operator : SJ/JU
Sample : J4171-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ1K4

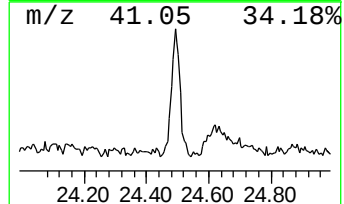
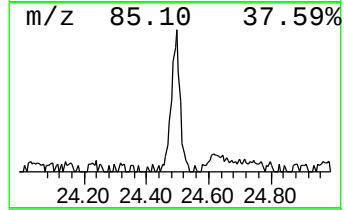
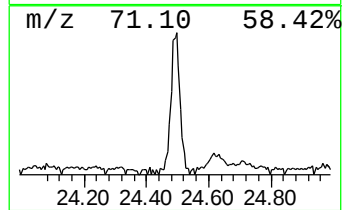
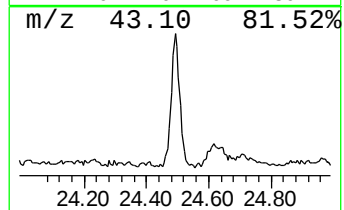
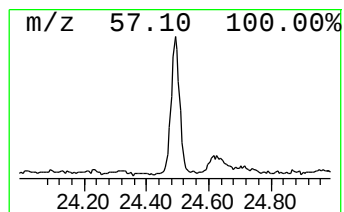
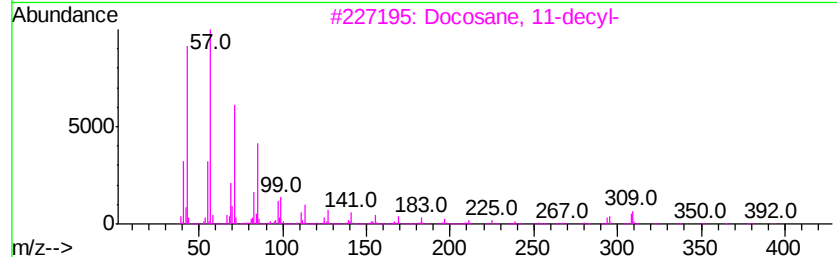
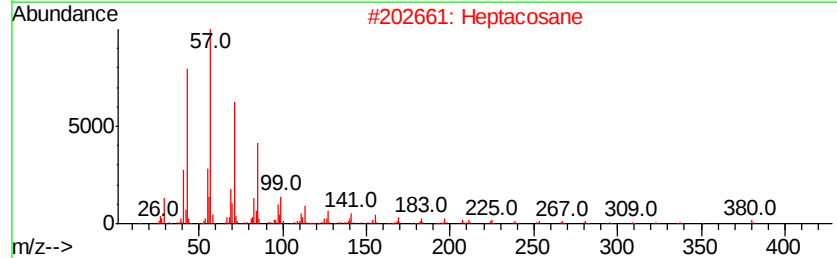
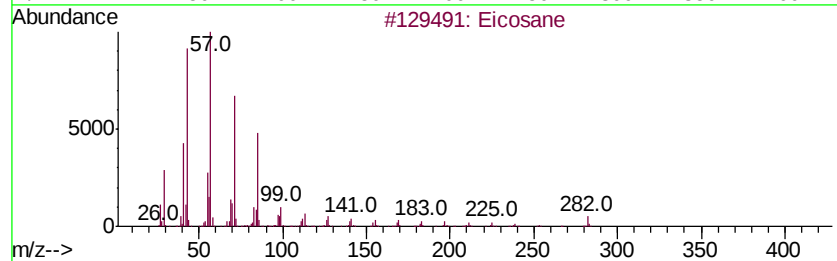
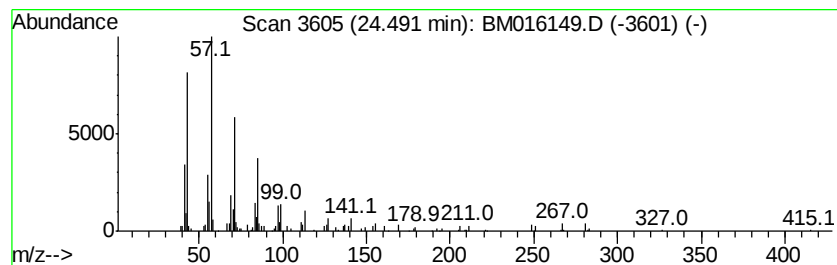
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	3.95 ng/ul	168570	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heptacosane	380	C27H56	000593-49-7	90
3		Docosane, 11-decyl-	451	C32H66	055401-55-3	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080118\
Data File : BM016149.D
Acq On : 01 Aug 2018 21:14
Operator : SJ/JU
Sample : J4171-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ1K4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.40	6.3	ng/ul	273485	4	17.55	875573	20.0
Octadecanoic acid	19.65	2.1	ng/ul	111667	5	21.67	1052490	20.0
(DEL) Alkane: Cyc...	21.35	5.2	ng/ul	274577	5	21.67	1052490	20.0
(DEL) Alkane: Str...	22.70	2.2	ng/ul	116921	5	21.67	1052490	20.0
Squalene	22.83	3.2	ng/ul	166756	5	21.67	1052490	20.0
(DEL) Alkane: Str...	23.23	3.5	ng/ul	149227	6	24.03	854580	20.0
Decane, 1-iodo-	23.81	3.4	ng/ul	143284	6	24.03	854580	20.0
(DEL) Alkane: Str...	24.49	4.0	ng/ul	168570	6	24.03	854580	20.0