LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016153.D
Acq On : 01 Aug 2018 23:40
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	37	rVB2	10351	15813	1.01%	0.080%
2	4.134	137	144	151	rBV	10534	18009	1.15%	0.091%
3	7.351	686	691	709	rBV2	244466	606233	38.69%	3.066%
4	7.516	713	719	732	rBV	169682	265514	16.95%	1.343%
5	7.716	748	753	765	rBV	229977	402242	25.67%	2.034%
6	8.192	828	834	841	rBV	252591	419626	26.78%	2.122%
7	8.910	951	956	974	rBV	271490	471554	30.10%	2.385%
8	9.380	1030	1036	1048	rBV	234925	409090	26.11%	2.069%
9	10.098	1153	1158	1173	rBB	211767	378803	24.18%	1.916%
10	10.639	1244	1250	1264	rBV	304638	547494	34.94%	2.769%
11	11.010	1306	1313	1329	rBB	373834	623191	39.77%	3.152%
12	11.163	1333	1339	1353	rBV	231041	430439	27.47%	2.177%
13	12.039	1484	1488	1499	rVB2	18948	31936	2.04%	0.162%
14	14.227	1854	1860	1864	rBV	642156	864099	55.15%	4.370%
15	14.274	1864	1868	1874	rVB	230441	322368	20.57%	1.630%
16	14.521	1903	1910	1918	rBV	648976	946408	60.40%	4.786%
17	14.821	1954	1961	1969	rBV2	555413	840949	53.67%	4.253%
18	15.039	1993	1998	2016	rBV	190838	387696	24.74%	1.961%
19	15.809	2123	2129	2138	rBB	852329	1187463	75.79%	6.006%
20	15.945	2147	2152	2165	rBV	257414	387647	24.74%	1.961%
21	16.521	2246	2250	2256	rVB	22854	33347	2.13%	0.169%
22	17.551	2419	2425	2431	rBV	724144	994560	63.47%	5.030%
23	17.651	2436	2442	2451	rVB	958147	1296630	82.75%	6.558%
24	17.803	2462	2468	2472	rBV	16701	22139	1.41%	0.112%
25	17.909	2480	2486	2492	rBV3	12199	21191	1.35%	0.107%
26	18.286	2544	2550	2555	rBV5	13080	23171	1.48%	0.117%
27	18.339	2555	2559	2563	rBV3	18683	25065	1.60%	0.127%
28	18.403	2565	2570	2578	rVV	339156	449012	28.66%	2.271%
29	18.480	2578	2583	2587	rVB	33309	46443	2.96%	0.235%
30	18.680	2613	2617	2623	rBV5	16825	31752	2.03%	0.161%
31	19.297	2719	2722	2726	rBV3	20490	20210	1.29%	0.102%
32	19.515	2754	2759	2761	rBV2	52332	74237	4.74%	0.375%
33	19.539	2761	2763	2774	rVV5	61786	118843	7.58%	0.601%
34	19.656	2778	2783	2793	rVV	193807	272013	17.36%	1.376%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016153.D
Acq On : 01 Aug 2018 23:40
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	19.868	2814	2819	2821	rBV	27271	33470	2.14%	0.169%
36	19.915	2821	2827	2835	rVB	1146967	1566868	100.00%	7.924%
37	20.392	2904	2908	2914	rVB	53020	60998	3.89%	0.308%
38	20.880	2988	2991	2995	rBV	79150	79394	5.07%	0.402%
39	21.344	3065	3070	3081	rBV3	160411	356815	22.77%	1.805%
40	21.674	3121	3126	3133	rVB	976934	1220570	77.90%	6.173%
41	21.768	3139	3142	3147	rVB	125005	130812	8.35%	0.662%
42	21.844	3153	3155	3161	rVB	32899	43095	2.75%	0.218%
43	22.215	3215	3218	3222	rBV	118200	151612	9.68%	0.767%
44	22.697	3296	3300	3307	rVB	137311	178242	11.38%	0.901%
45	23.227	3385	3390	3395	rBV	141478	219346	14.00%	1.109%
46	23.815	3486	3490	3494	rBV	125676	200729	12.81%	1.015%
47	23.874	3494	3500	3508	rVB	703422	1320791	84.29%	6.680%
48	24.027	3520	3526	3535	rVB	524083	997990	63.69%	5.047%
49	24.491	3600	3605	3614	rVB2	107176	226884	14.48%	1.147%

Sum of corrected areas: 19772803

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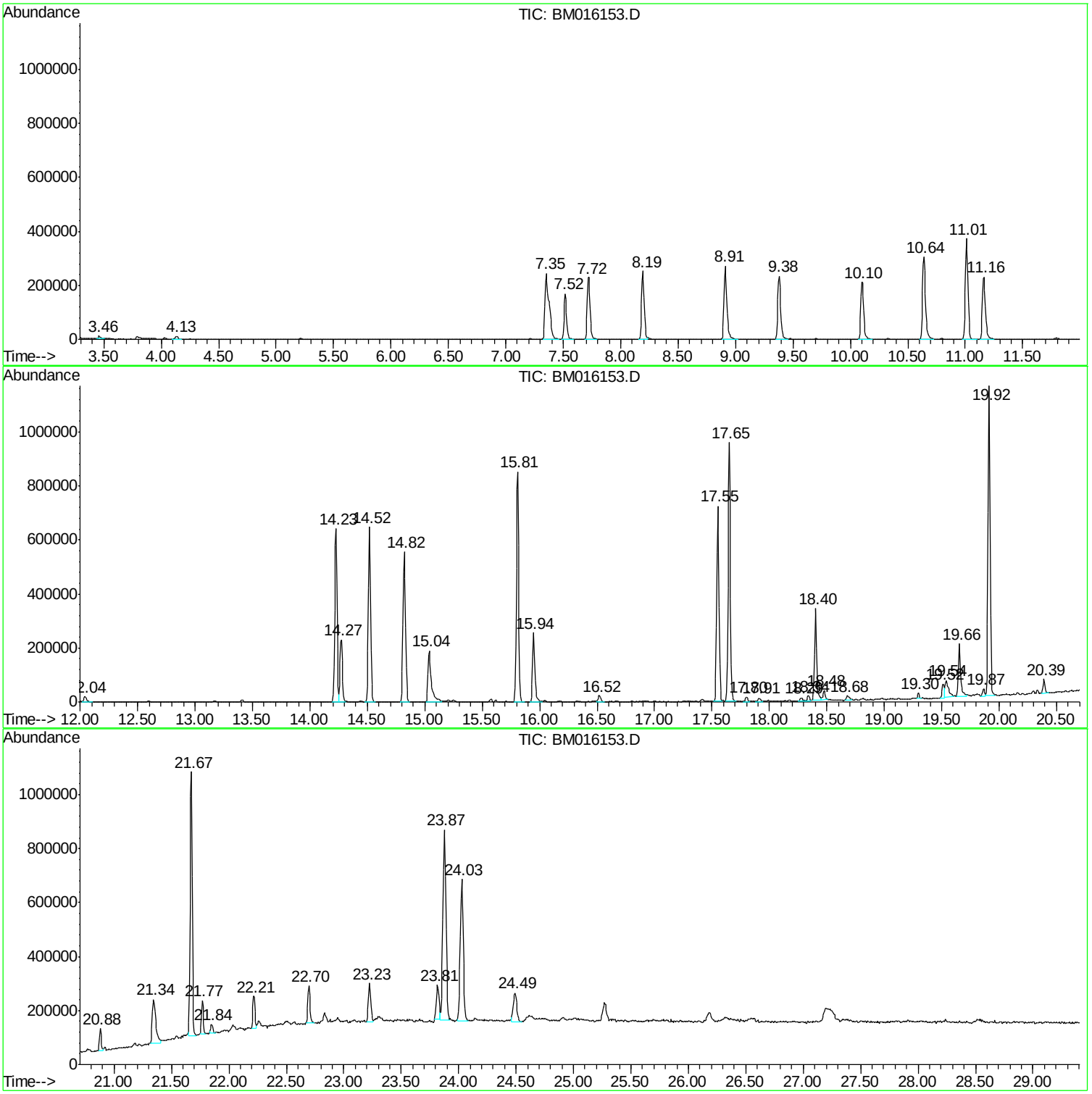
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016153.D
Acq On : 01 Aug 2018 23:40
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

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

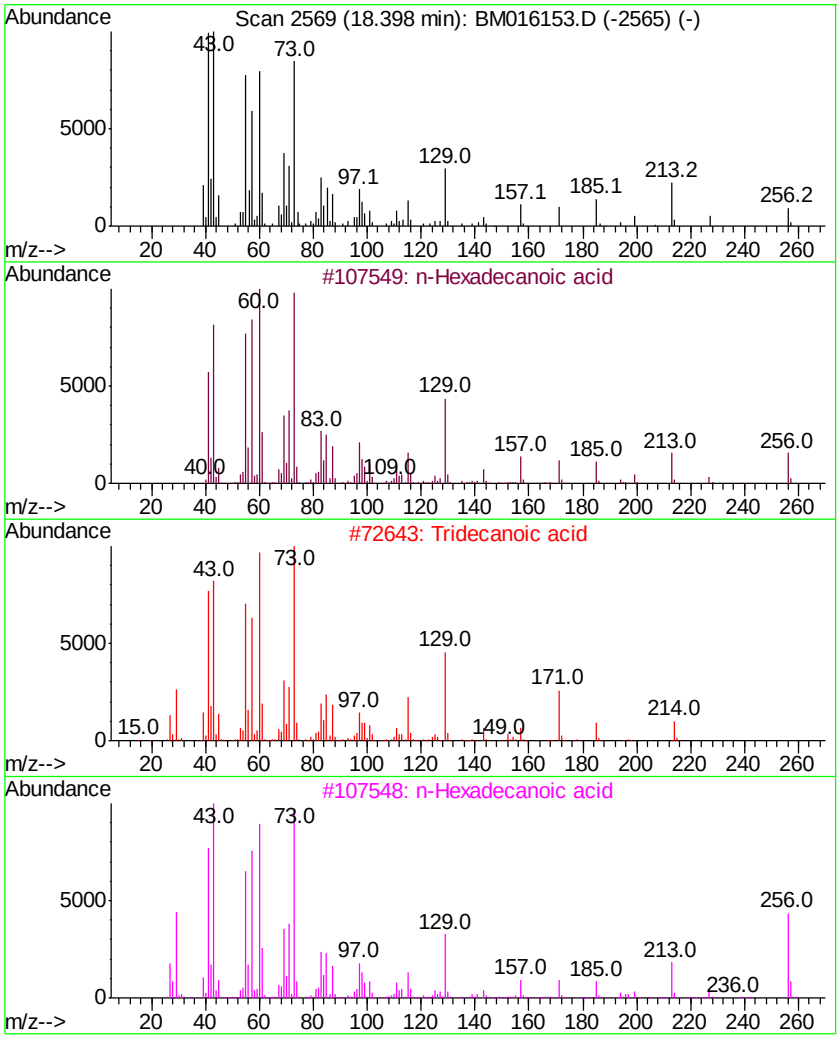
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

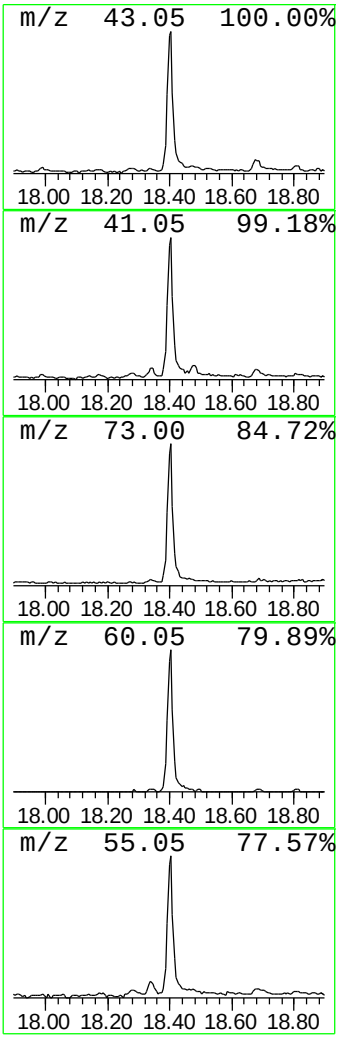
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	9.03 ng/ul	449012	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016153.D
Acq On : 01 Aug 2018 23:40
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

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

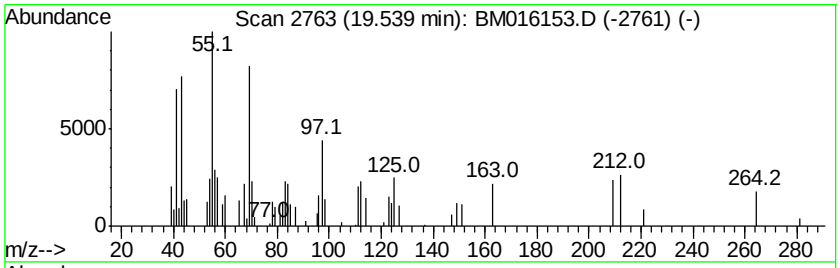
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

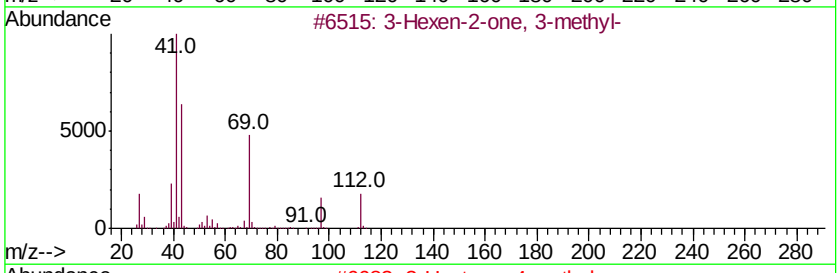
****

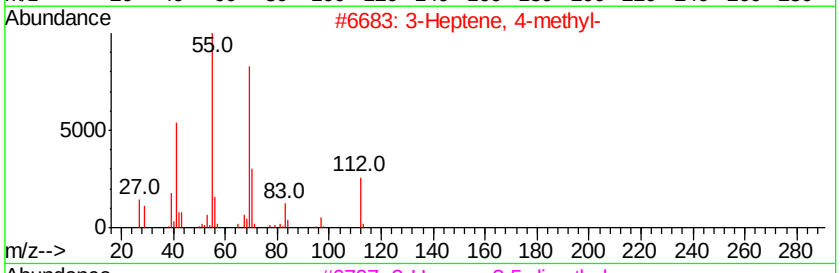
Peak Number 2 3-Hexen-2-one, 3-methyl- Concentration Rank 9

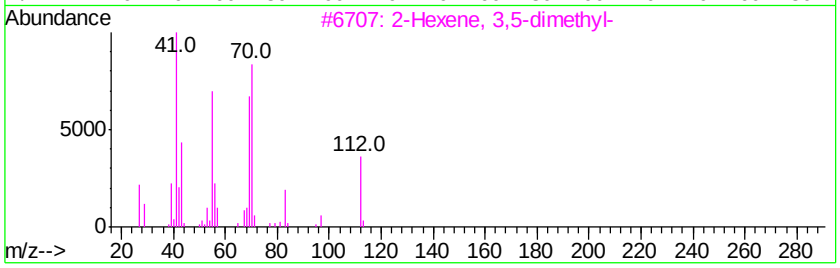
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.39 ng/ul	118843	Phenanthrene-d10	17.55

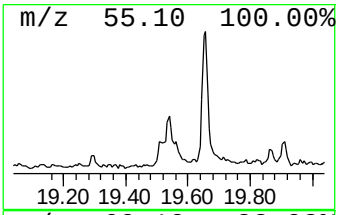
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one, 3-methyl-	112	C7H12O	001187-80-0	35
2	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	27
3	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	27
4	Cyclohexanone, 2-(1-mercapto-1-m...	186	C10H18OS	038462-22-5	27
5	Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	27

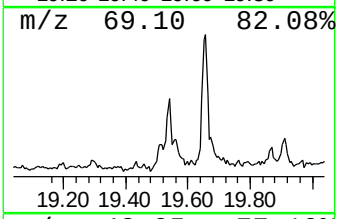


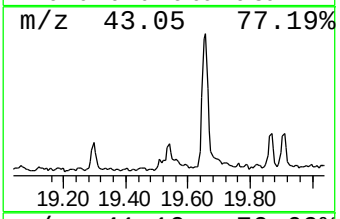


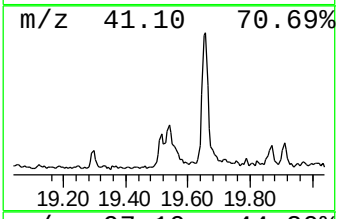


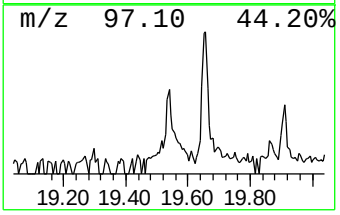












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016153.D
Acq On : 01 Aug 2018 23:40
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

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

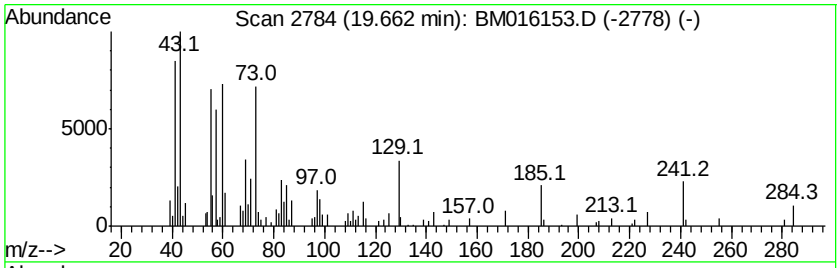
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

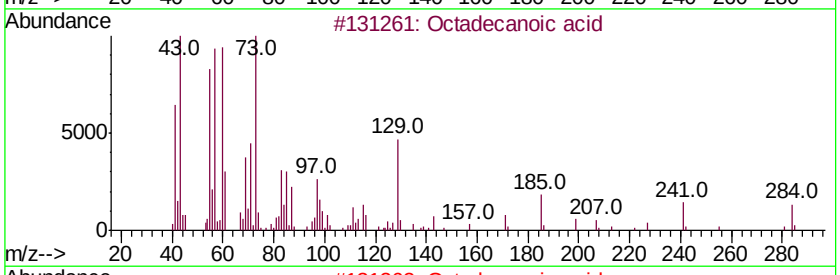
****

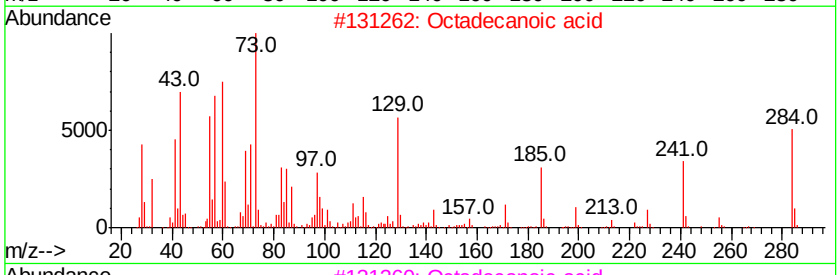
Peak Number 3 Octadecanoic acid Concentration Rank 4

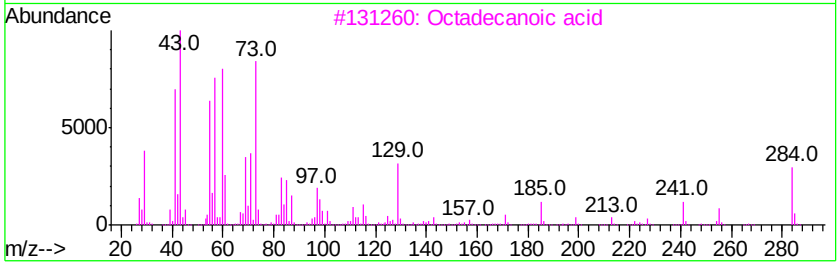
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	4.46 ng/ul	272013	Chrysene-d12	21.67

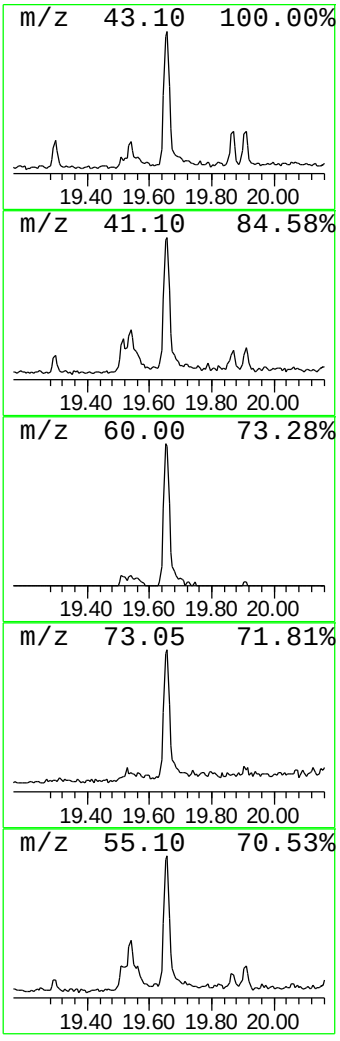
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	n-Decanoic acid	172	C10H20O2	000334-48-5	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016153.D
Acq On : 01 Aug 2018 23:40
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

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

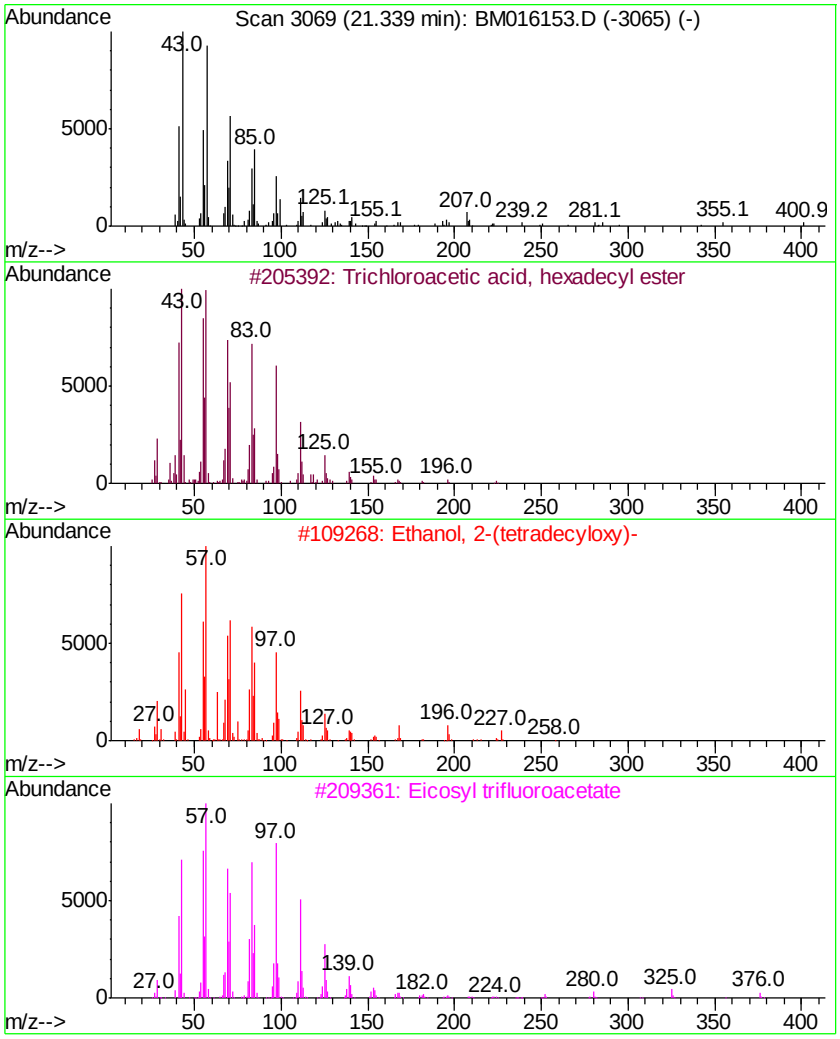
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

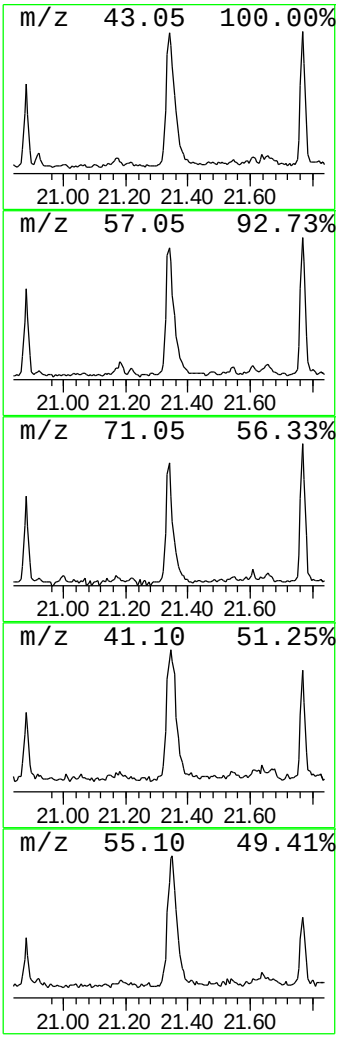
****

Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	5.85 ng/ul	356815	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	90
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
5	17-Pentatriacontene	491	C35H70	006971-40-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016153.D
Acq On : 01 Aug 2018 23:40
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

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

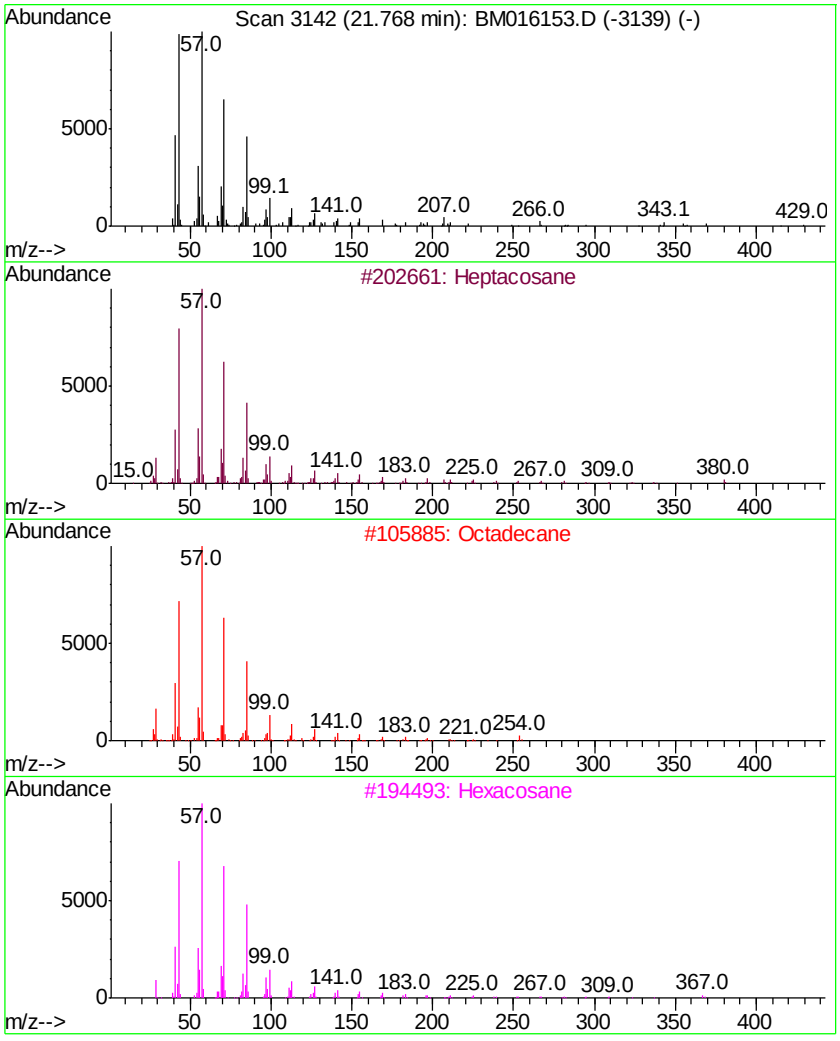
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

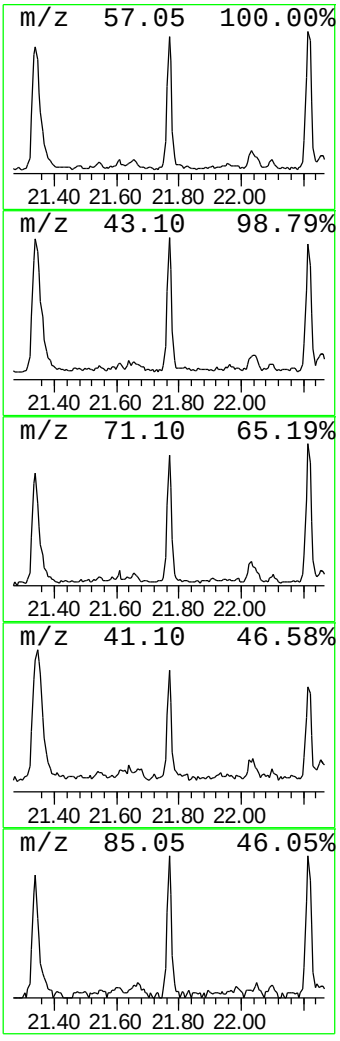
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	2.14 ng/ul	130812	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Octadecane	254	C18H38	000593-45-3	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016153.D
Acq On : 01 Aug 2018 23:40
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

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

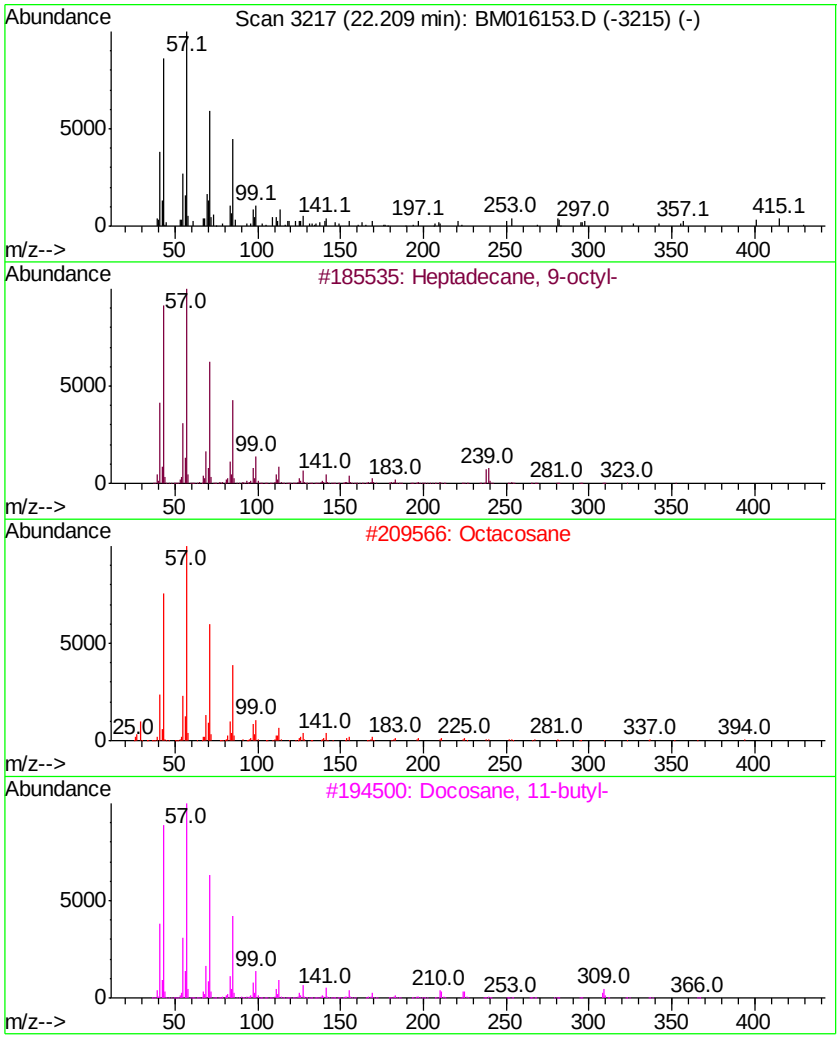
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

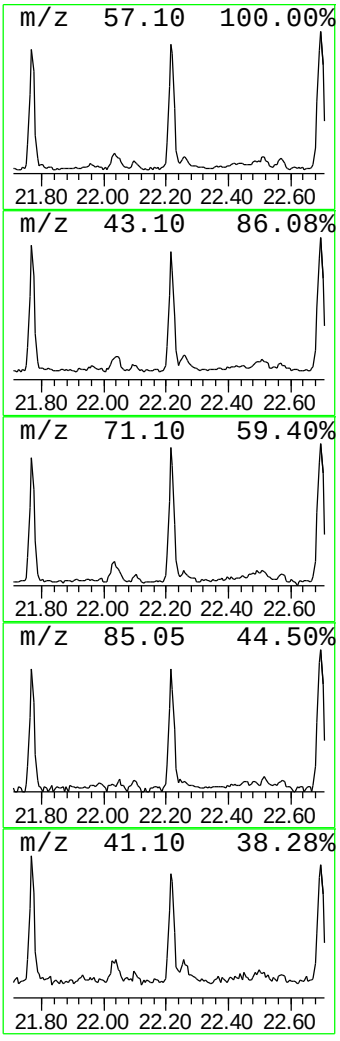
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.48 ng/ul	151612	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Hexatriacontane	507	C36H74	000630-06-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016153.D
Acq On : 01 Aug 2018 23:40
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

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

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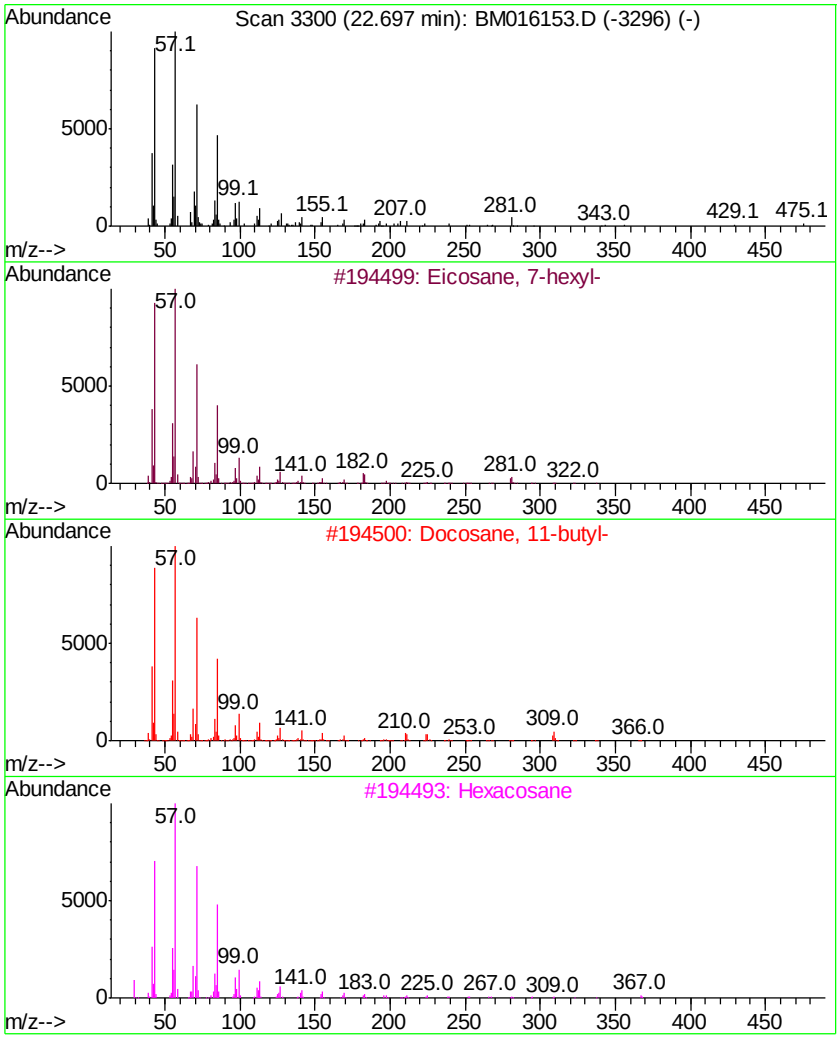
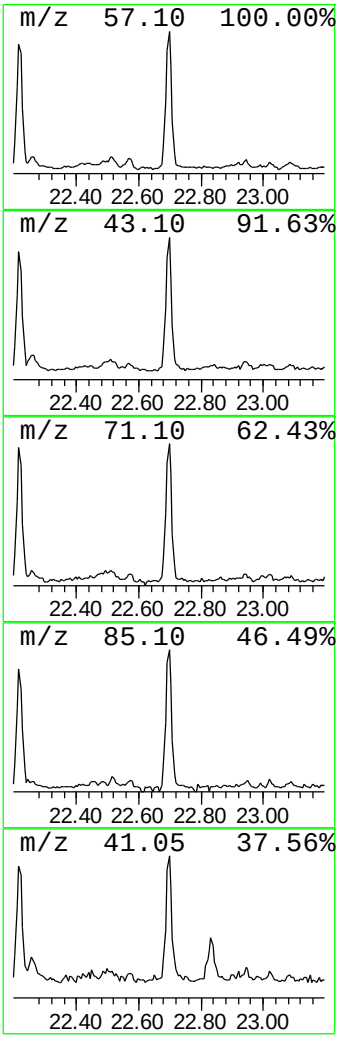
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.92 ng/ul	178242	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	90
5	Hexatriacontane	507	C36H74	000630-06-8	90





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Data File : BM016153.D
Acq On : 01 Aug 2018 23:40
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

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

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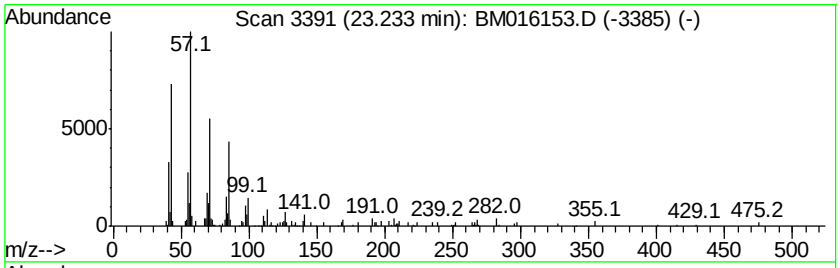
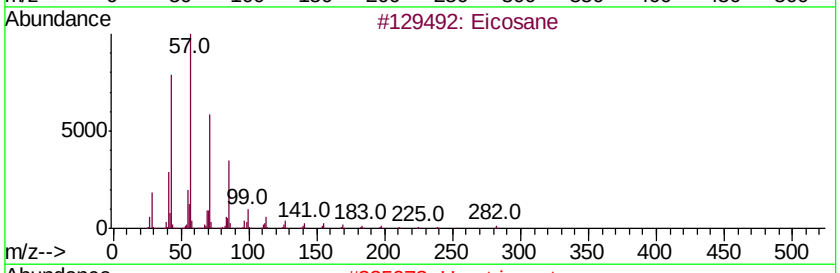
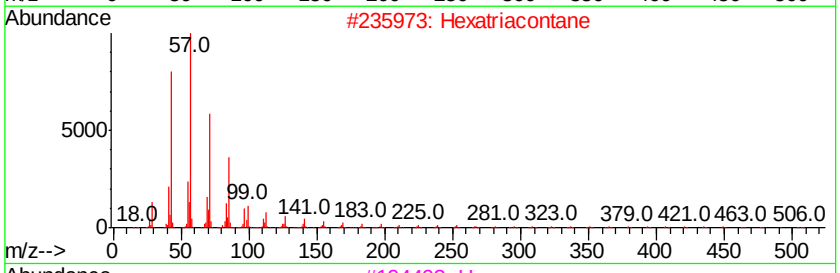
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

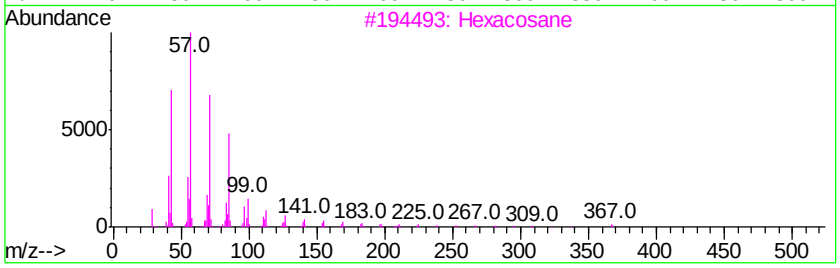
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	4.40 ng/ul	219346	Perylene-d12	24.03

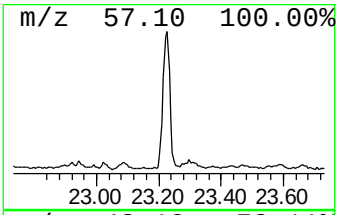
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87

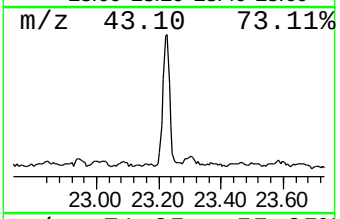


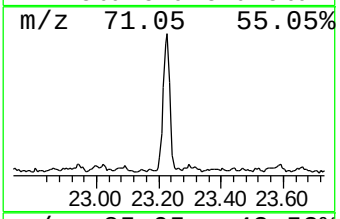


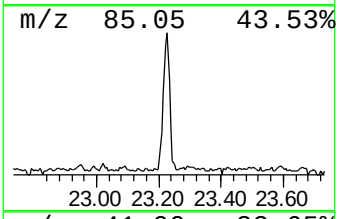


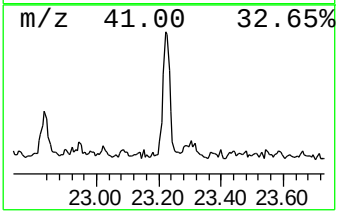












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016153.D
Acq On : 01 Aug 2018 23:40
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

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

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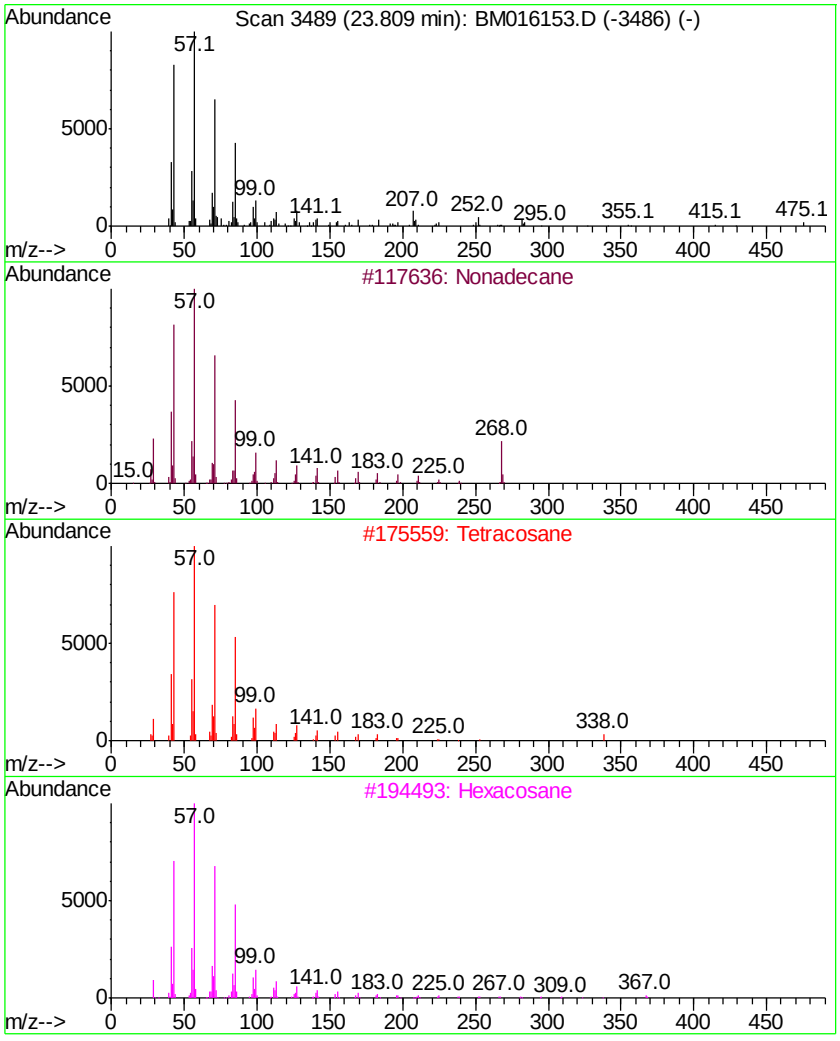
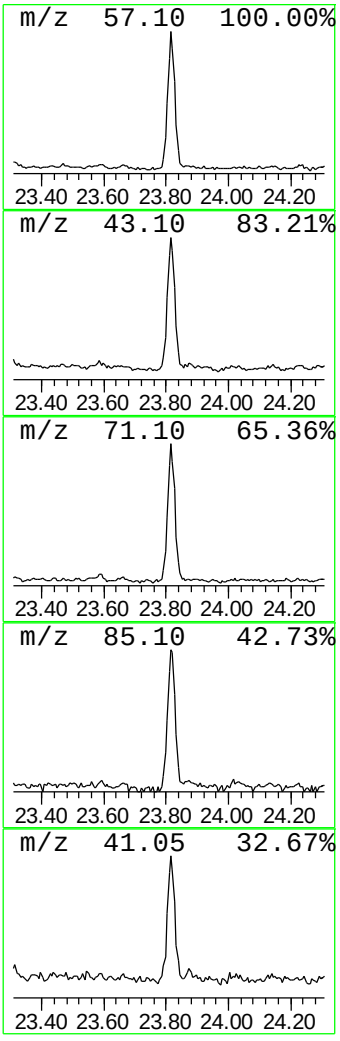
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	4.02 ng/ul	200729	Perylene-d12	24.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Tetracosane	338	C24H50	000646-31-1	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptacosane	380	C27H56	000593-49-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016153.D
Acq On : 01 Aug 2018 23:40
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

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

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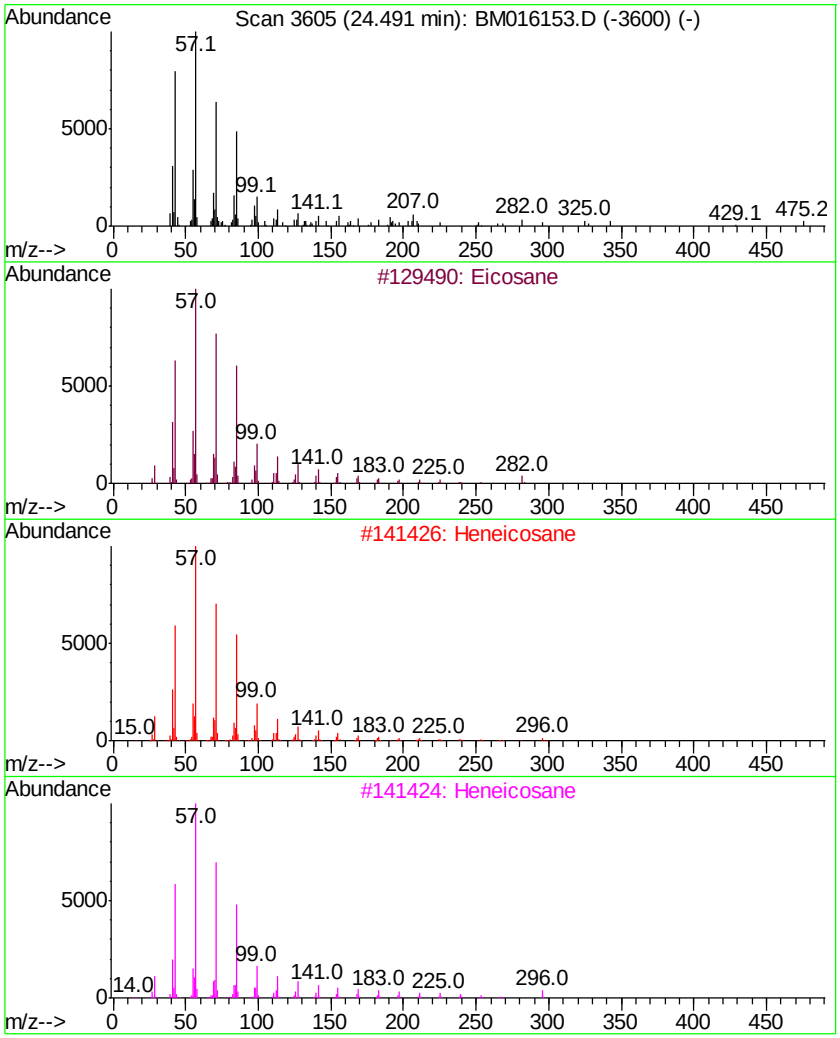
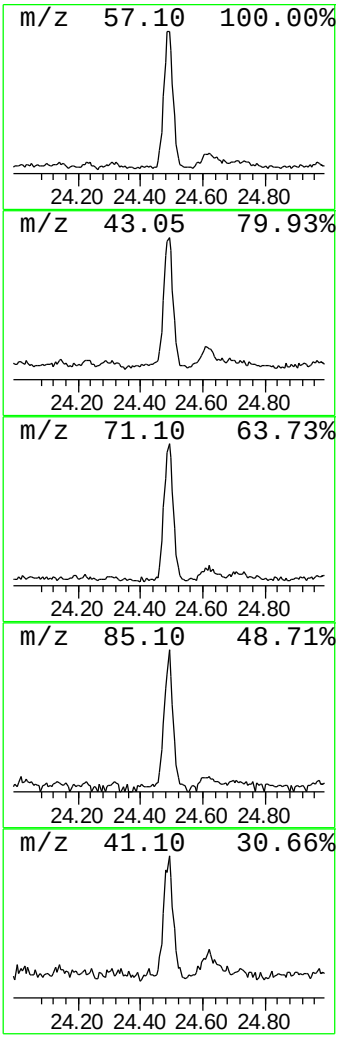
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	4.55 ng/ul	226884	Perylene-d12	24.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heneicosane	296	C21H44	000629-94-7	98
3	Heneicosane	296	C21H44	000629-94-7	97
4	Eicosane	282	C20H42	000112-95-8	95
5	Heneicosane	296	C21H44	000629-94-7	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080118\
Data File : BM016153.D
Acq On : 01 Aug 2018 23:40
Operator : SJ/JU
Sample : J4171-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1L2

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.40	9.0	ng/ul	449012	4	17.55	994560	20.0
3-Hexen-2-one, 3-...	19.54	2.4	ng/ul	118843	4	17.55	994560	20.0
Octadecanoic acid	19.66	4.5	ng/ul	272013	5	21.67	1220570	20.0
Trichloroacetic a...	21.34	5.8	ng/ul	356815	5	21.67	1220570	20.0
(DEL) Alkane: Str...	21.77	2.1	ng/ul	130812	5	21.67	1220570	20.0
(DEL) Alkane: Str...	22.21	2.5	ng/ul	151612	5	21.67	1220570	20.0
(DEL) Alkane: Str...	22.70	2.9	ng/ul	178242	5	21.67	1220570	20.0
(DEL) Alkane: Str...	23.23	4.4	ng/ul	219346	6	24.03	997990	20.0
(DEL) Alkane: Str...	23.81	4.0	ng/ul	200729	6	24.03	997990	20.0
(DEL) Alkane: Str...	24.49	4.5	ng/ul	226884	6	24.03	997990	20.0