LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013655.D
Acq On : 18 Jan 2018 23:36
Operator : SJ/JU
Sample : J1097-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ4

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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	3.163	27	30	34	rVB2	25265	28061	1.37%	0.134%
2	4.775	297	304	310	rBV3	12814	27540	1.34%	0.132%
3	6.798	643	648	661	rVB3	43422	94035	4.59%	0.451%
4	6.957	669	675	684	rBV	347234	527175	25.71%	2.526%
5	7.151	703	708	716	rBV	138677	224816	10.96%	1.077%
6	7.228	716	721	733	rVV2	81654	168056	8.20%	0.805%
7	7.616	780	787	795	rBV	643085	1037865	50.62%	4.973%
8	8.328	902	908	918	rBV	237877	410751	20.03%	1.968%
9	8.769	977	983	994	rBV	438648	721046	35.17%	3.455%
10	9.486	1098	1105	1115	rBV	351771	608565	29.68%	2.916%
11	10.033	1190	1198	1206	rBV	73773	135188	6.59%	0.648%
12	10.392	1248	1259	1269	rBV	823239	1398570	68.21%	6.702%
13	10.539	1278	1284	1294	rBV	171362	365841	17.84%	1.753%
14	11.733	1481	1487	1493	rVB3	12611	21870	1.07%	0.105%
15	13.086	1710	1717	1724	rVB9	11574	25977	1.27%	0.124%
16	13.680	1813	1818	1822	rBV	900675	1248193	60.87%	5.981%
17	13.727	1822	1826	1835	rVB	375470	554700	27.05%	2.658%
18	13.957	1860	1865	1870	rBV2	116364	174308	8.50%	0.835%
19	14.168	1896	1901	1905	rBV3	38969	58612	2.86%	0.281%
20	14.227	1905	1911	1912	rVV5	15333	22221	1.08%	0.106%
21	14.263	1912	1917	1927	rVB2	1080962	1718602	83.82%	8.235%
22	14.504	1952	1958	1968	rBV4	95255	227796	11.11%	1.092%
23	14.674	1985	1987	1992	rBV5	14944	23882	1.16%	0.114%
24	14.798	2004	2008	2010	rBV5	26852	30857	1.50%	0.148%
25	14.851	2014	2017	2023	rBV8	12598	27007	1.32%	0.129%
26	15.127	2060	2064	2070	rBV2	76987	97040	4.73%	0.465%
27	15.262	2082	2087	2093	rBV	1025554	1469300	71.66%	7.040%
28	15.404	2105	2111	2121	rBV	241166	391273	19.08%	1.875%
29	15.533	2126	2133	2137	rBV3	67784	122134	5.96%	0.585%
30	15.633	2146	2150	2155	rBV	87872	119113	5.81%	0.571%
31	15.992	2207	2211	2213	rBV2	121619	158584	7.73%	0.760%
32	16.015	2213	2215	2220	rVB	114491	130159	6.35%	0.624%
33	16.674	2324	2327	2333	rBV4	67019	112342	5.48%	0.538%
34	16.786	2342	2346	2349	rBV	106090	132394	6.46%	0.634%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013655.D
Acq On : 18 Jan 2018 23:36
Operator : SJ/JU
Sample : J1097-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ4

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Title : SVOA CALIBRATION

35	16.839	2351	2355	2362	rVB	101315	159812	7.79%	0.766%
36	17.015	2380	2385	2394	rBV	1246124	1793049	87.45%	8.592%
37	17.115	2398	2402	2411	rVB	181092	314428	15.33%	1.507%
38	17.527	2468	2472	2477	rVB	90886	128506	6.27%	0.616%
39	17.921	2535	2539	2544	rBV5	120261	181784	8.87%	0.871%
40	18.215	2586	2589	2596	rVB3	74228	109607	5.35%	0.525%
41	18.856	2695	2698	2704	rVB4	59495	77354	3.77%	0.371%
42	19.209	2755	2758	2765	rVB8	57641	92086	4.49%	0.441%
43	19.609	2824	2826	2831	rBV6	28012	44594	2.17%	0.214%
44	19.868	2866	2870	2878	rVB	222501	283505	13.83%	1.358%
45	20.356	2950	2953	2957	rBV5	67000	90222	4.40%	0.432%
46	20.403	2957	2961	2965	rVB	277471	359707	17.54%	1.724%
47	20.939	3048	3052	3061	rVB3	260961	379164	18.49%	1.817%
48	21.215	3094	3099	3104	rBV	1659809	2036779	99.33%	9.760%
49	21.533	3150	3153	3157	rVB	140170	154386	7.53%	0.740%
50	23.415	3467	3473	3482	rVB	1046362	2050459	100.00%	9.825%

Sum of corrected areas: 20869315

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
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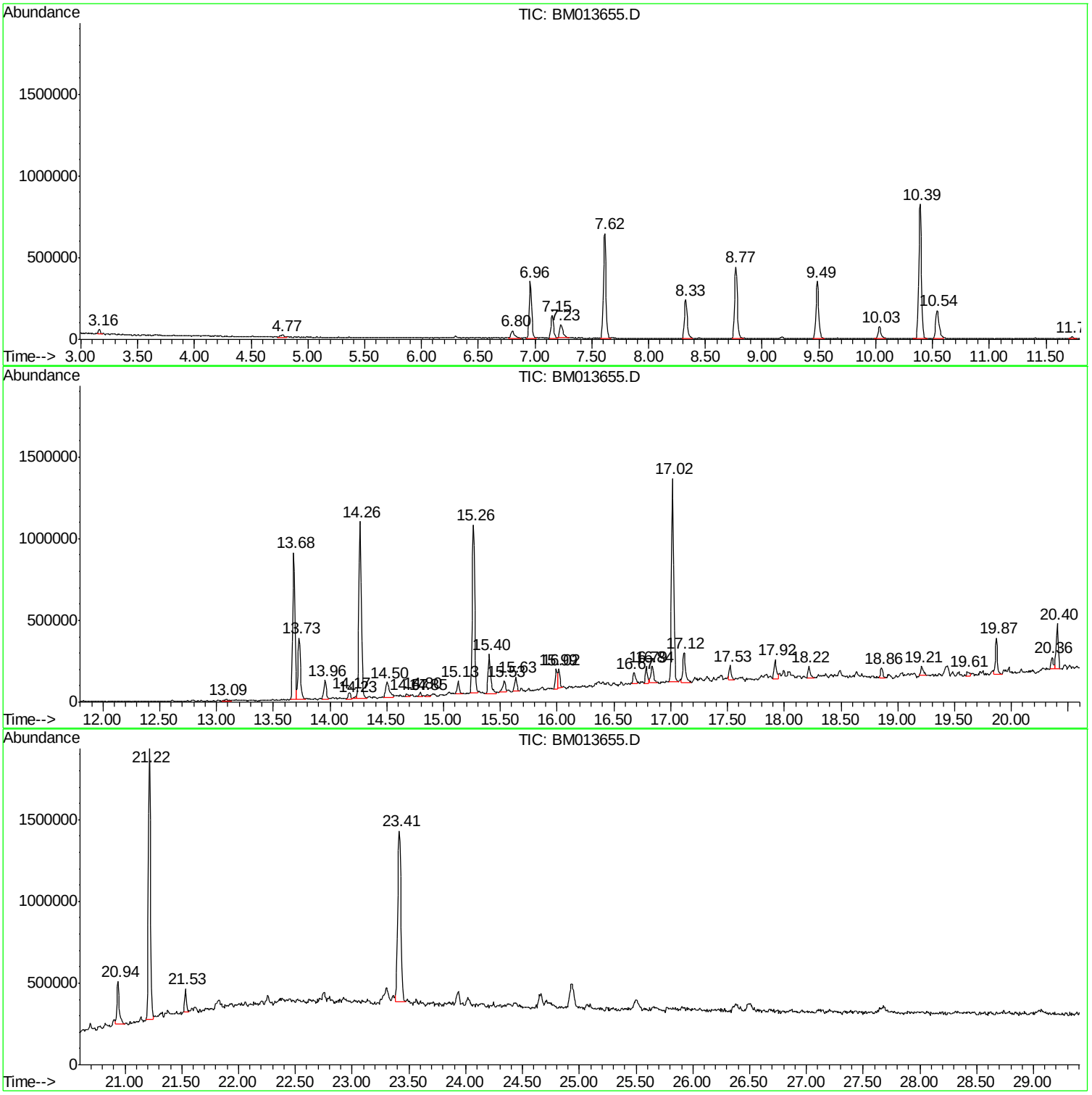
Acq On : 18 Jan 2018 23:36
Operator : SJ/JU
Sample : J1097-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJQ4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013655.D
Acq On : 18 Jan 2018 23:36
Operator : SJ/JU
Sample : J1097-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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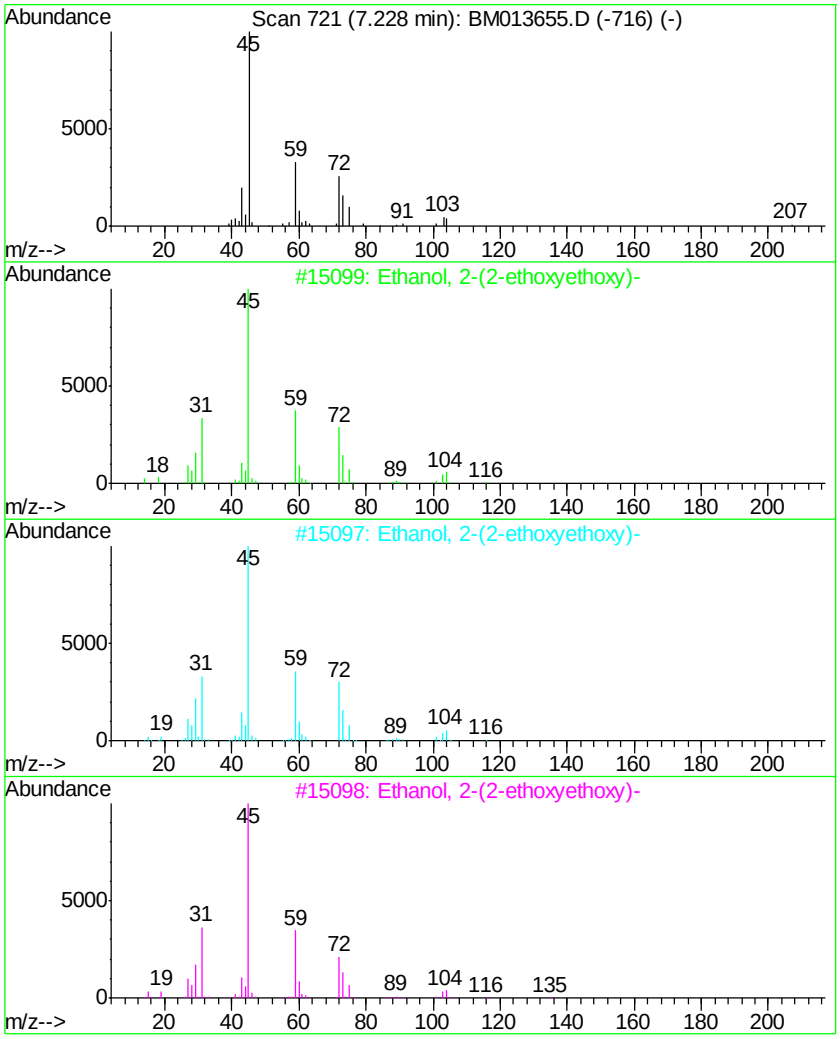
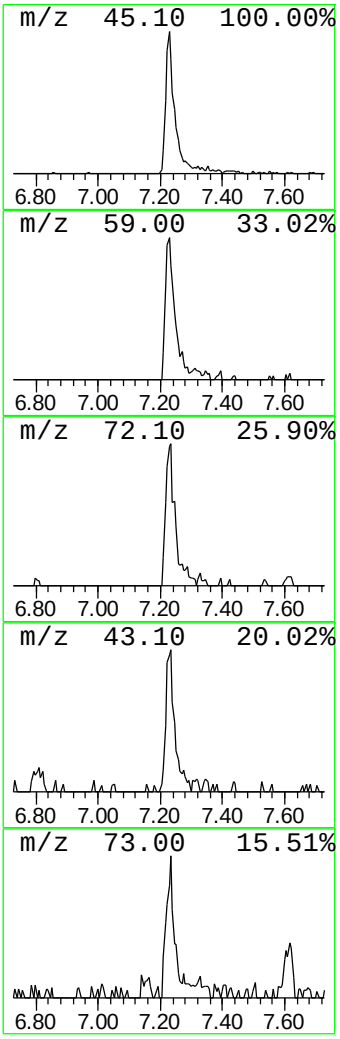
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	3.24 ng/ul	168056	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
4	Diethyl carbitol	162	C8H18O3	000112-36-7	72
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	56





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013655.D
Acq On : 18 Jan 2018 23:36
Operator : SJ/JU
Sample : J1097-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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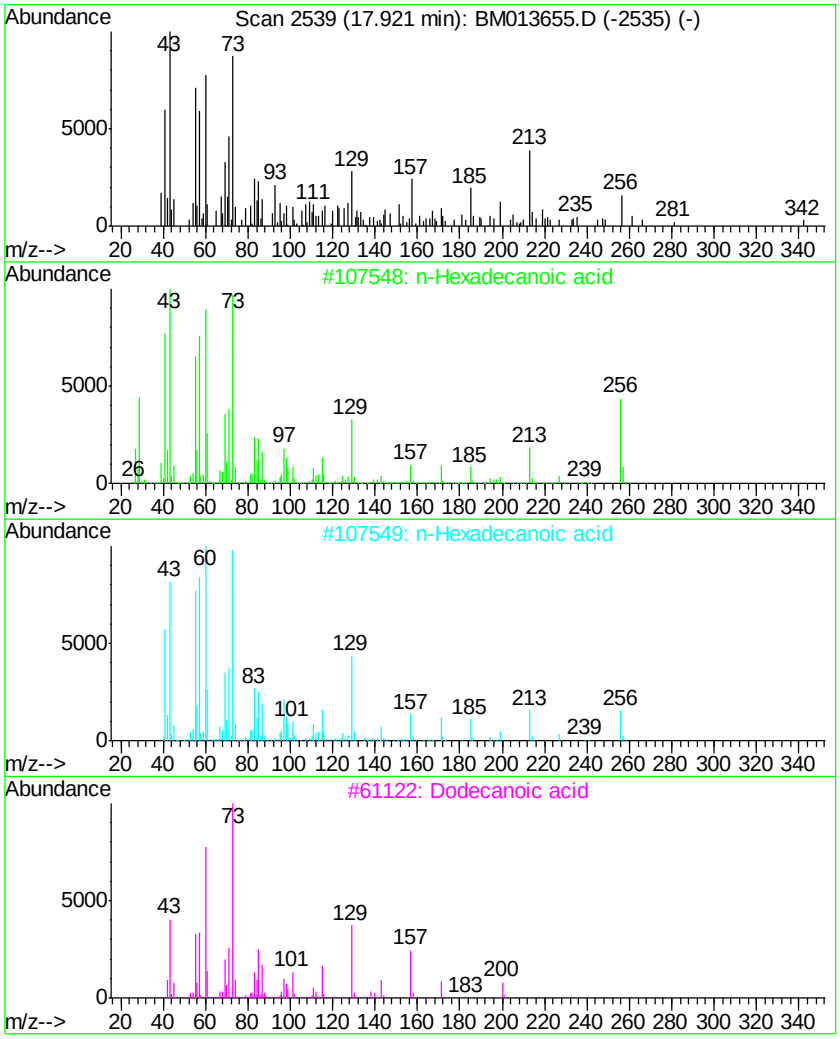
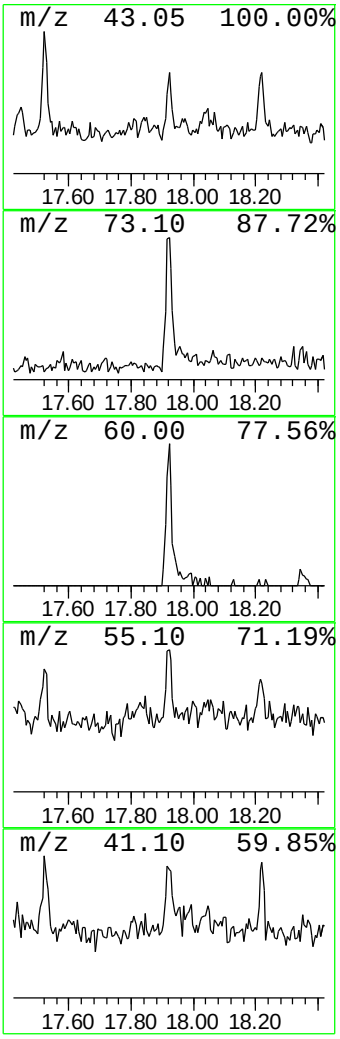
Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.03 ng/ul	181784	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
3	Dodecanoic acid	200	C12H24O2	000143-07-7	50
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013655.D
Acq On : 18 Jan 2018 23:36
Operator : SJ/JU
Sample : J1097-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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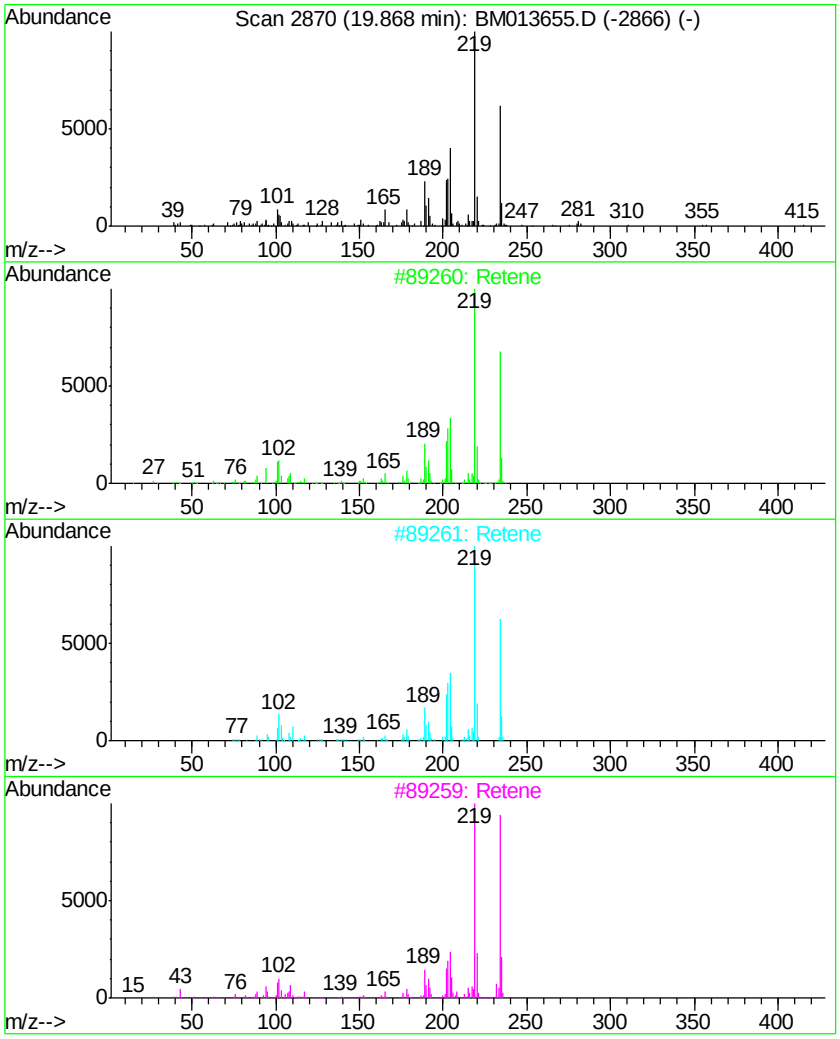
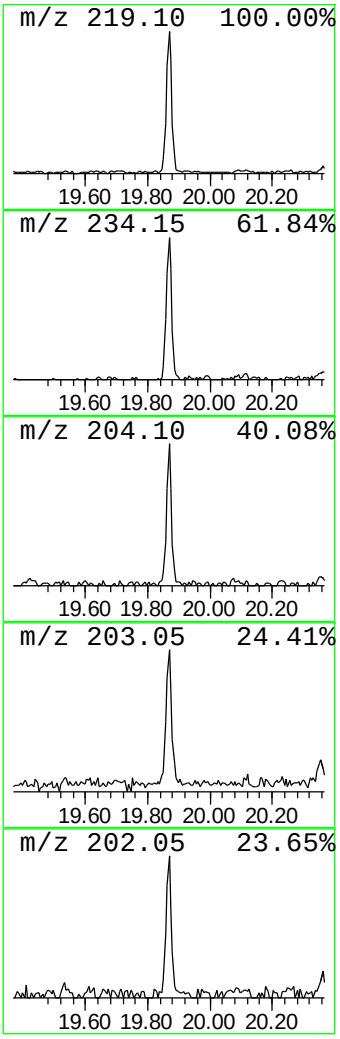
Peak Number 3 Retene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.78 ng/ul	283505	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	95
2	Retene	234	C18H18	000483-65-8	94
3	Retene	234	C18H18	000483-65-8	94
4	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
5	1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	80





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013655.D
Acq On : 18 Jan 2018 23:36
Operator : SJ/JU
Sample : J1097-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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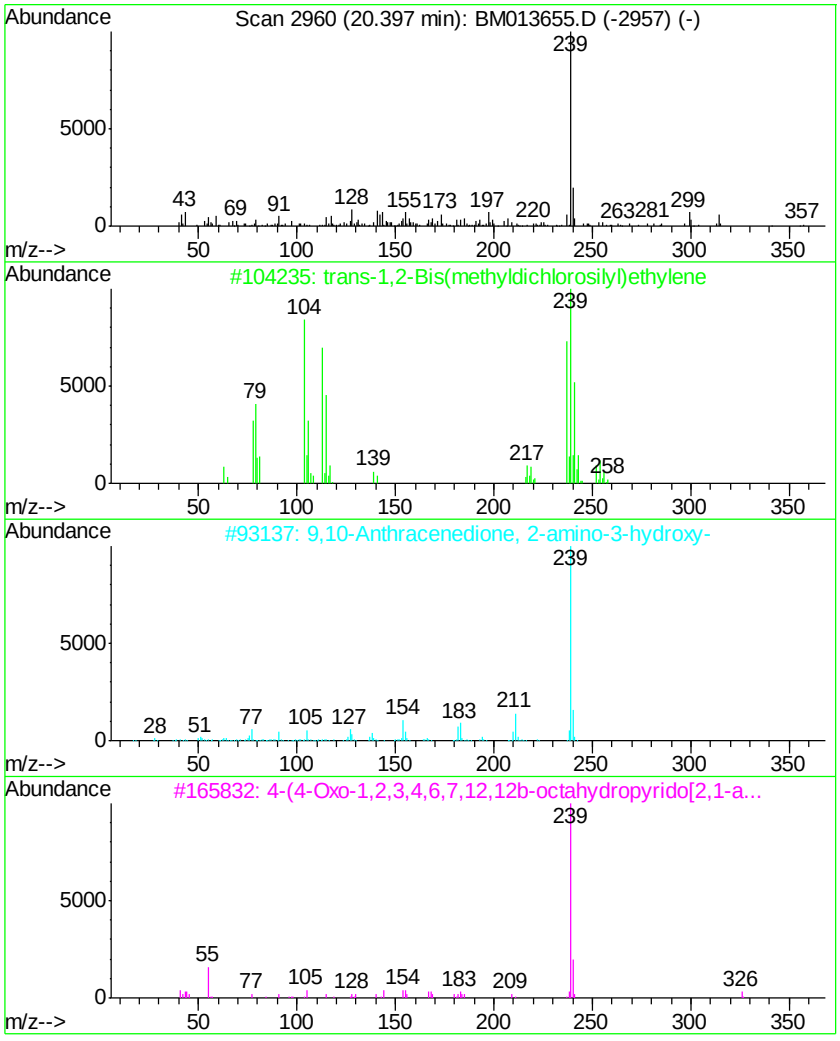
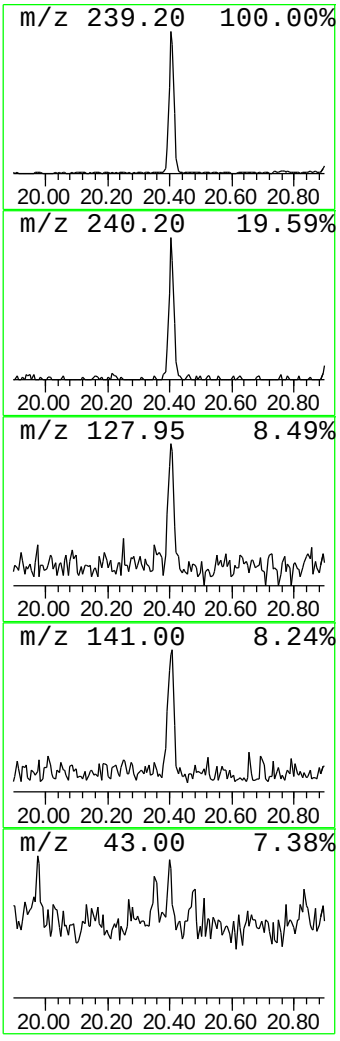
Peak Number 4 trans-1,2-Bis(methyldichlor... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	3.53 ng/ul	359707	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	74
2	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	64
3	4-(4-Oxo-1,2,3,4,6,7,12,12b-octa...	326	C19H22N2O3	1000137-91-1	64
4	Phthalic acid, 4-methoxyphenyl 2...	362	C22H18O5	1000315-59-5	53
5	Methyl dehydroabietate	314	C21H30O2	001235-74-1	50





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013655.D
Acq On : 18 Jan 2018 23:36
Operator : SJ/JU
Sample : J1097-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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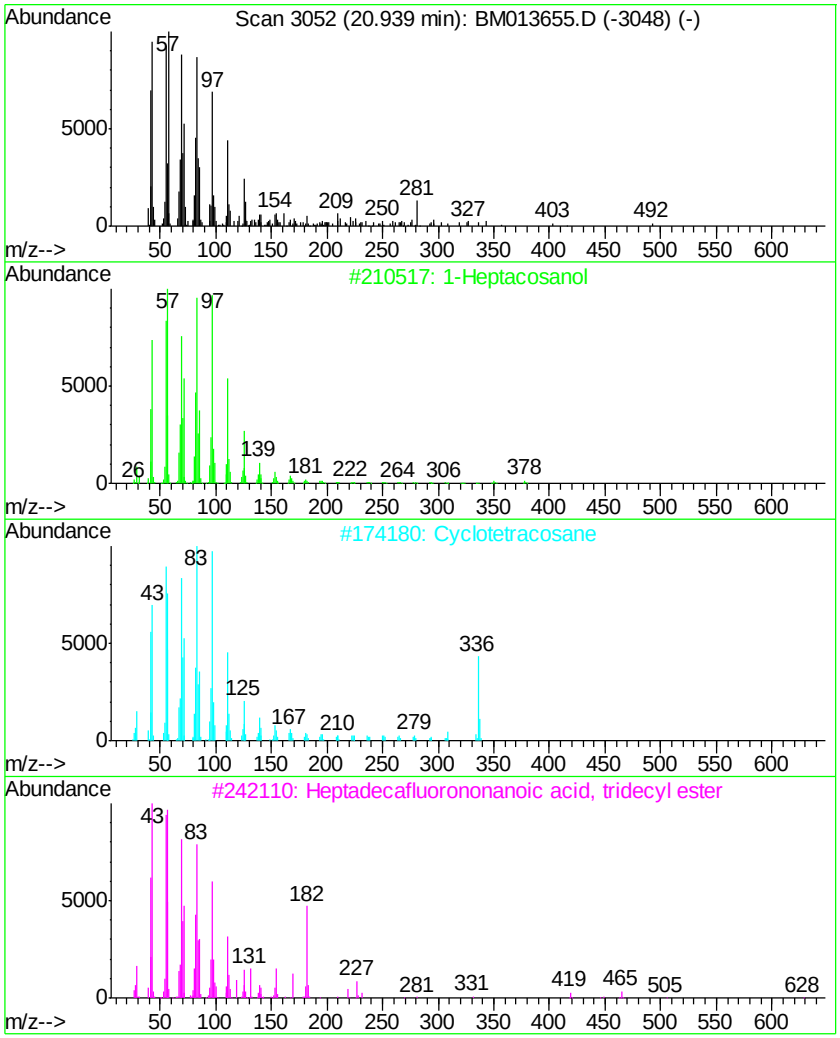
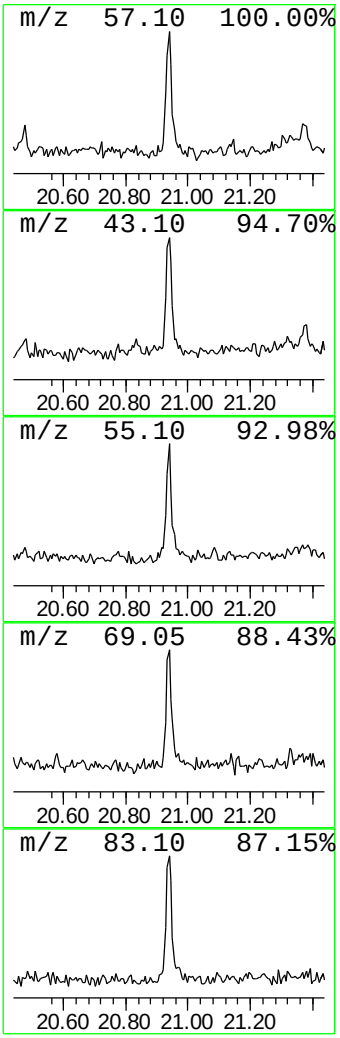
Peak Number 5 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.72 ng/ul	379164	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	Cyclotetracosane	336	C24H48	000297-03-0	91
3	Heptadecafluorononanoic acid, tr...	646	C22H27F17O2	1000356-02-9	91
4	Cyclopentadecane	210	C15H30	000295-48-7	90
5	Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	89





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013655.D
Acq On : 18 Jan 2018 23:36
Operator : SJ/JU
Sample : J1097-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
Ethanol, 2-(2-eth...	7.23	3.2	ng/ul	168056	1	7.62	1037870	20.0
n-Hexadecanoic acid	17.92	2.0	ng/ul	181784	4	17.02	1793050	20.0
Retene	19.87	2.8	ng/ul	283505	5	21.22	2036780	20.0
trans-1,2-Bis(met...	20.40	3.5	ng/ul	359707	5	21.22	2036780	20.0
1-Heptacosanol	20.94	3.7	ng/ul	379164	5	21.22	2036780	20.0