LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\
Data File : BM014882.D
Acq On : 01 May 2018 00:21
Operator : SJ/JU
Sample : J2603-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1B65

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-BM041918.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	3.340	4	9	21	rVB	884870	1189981	12.40%	1.015%
2	3.640	56	60	69	rVB	178206	243777	2.54%	0.208%
3	7.622	729	737	749	rBV	2581541	4553590	47.45%	3.884%
4	7.798	760	767	779	rBV	2041776	3243570	33.80%	2.766%
5	8.016	796	804	813	rBV	2687259	4339005	45.21%	3.700%
6	8.498	878	886	899	rVB	1485735	2475819	25.80%	2.111%
7	9.193	996	1004	1016	rBV	2868273	4752573	49.52%	4.053%
8	9.681	1078	1087	1094	rBV	2359879	3989399	41.57%	3.402%
9	10.410	1200	1211	1223	rBV	1877045	3204194	33.39%	2.733%
10	10.945	1294	1302	1317	rBV	2879498	4775411	49.76%	4.073%
11	11.339	1361	1369	1382	rBV	1952085	3313992	34.53%	2.826%
12	11.463	1382	1390	1405	rBV	2664963	4636290	48.31%	3.954%
13	14.492	1895	1905	1909	rBV	4089030	5770562	60.13%	4.921%
14	14.539	1909	1913	1918	rVB	1022938	1401746	14.61%	1.195%
15	14.804	1951	1958	1970	rBV	4918551	7353352	76.62%	6.271%
16	14.951	1978	1983	1990	rVB	184150	235166	2.45%	0.201%
17	15.104	2002	2009	2017	rVB2	2339408	3671687	38.26%	3.131%
18	15.263	2029	2036	2053	rBV	1780827	2763907	28.80%	2.357%
19	15.851	2132	2136	2139	rBV	87070	109438	1.14%	0.093%
20	15.892	2139	2143	2148	rVB	232962	289897	3.02%	0.247%
21	16.080	2168	2175	2182	rBV	5736610	8372467	87.24%	7.140%
22	16.180	2186	2192	2201	rBV	1668228	2300792	23.97%	1.962%
23	16.739	2283	2287	2298	rBV	177401	299156	3.12%	0.255%
24	17.521	2416	2420	2424	rBV	118319	147461	1.54%	0.126%
25	17.815	2463	2470	2476	rBV	2651617	3852484	40.14%	3.286%
26	17.915	2480	2487	2499	rBV	5556757	8320497	86.70%	7.096%
27	18.257	2541	2545	2548	rBV	84732	99907	1.04%	0.085%
28	18.645	2605	2611	2624	rBV	1193857	1742308	18.15%	1.486%
29	19.568	2765	2768	2772	rVB	128416	142979	1.49%	0.122%
30	19.792	2803	2806	2815	rVB	73127	115467	1.20%	0.098%
31	19.886	2817	2822	2829	rBV	527939	771509	8.04%	0.658%
32	20.151	2861	2867	2875	rVB	6670627	8837385	92.08%	7.537%
33	21.562	3103	3107	3116	rBV	1280534	1797441	18.73%	1.533%
34	21.768	3139	3142	3147	rVB	218598	234810	2.45%	0.200%

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Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Title : SVOA CALIBRATION

35	21.903	3160	3165	3173	rVB	3103645	4094119	42.66%	3.492%
36	24.227	3552	3560	3575	rVB	4640434	9597366	100.00%	8.185%
37	24.386	3580	3587	3599	rVB2	1977136	4215216	43.92%	3.595%

Sum of corrected areas: 117254720

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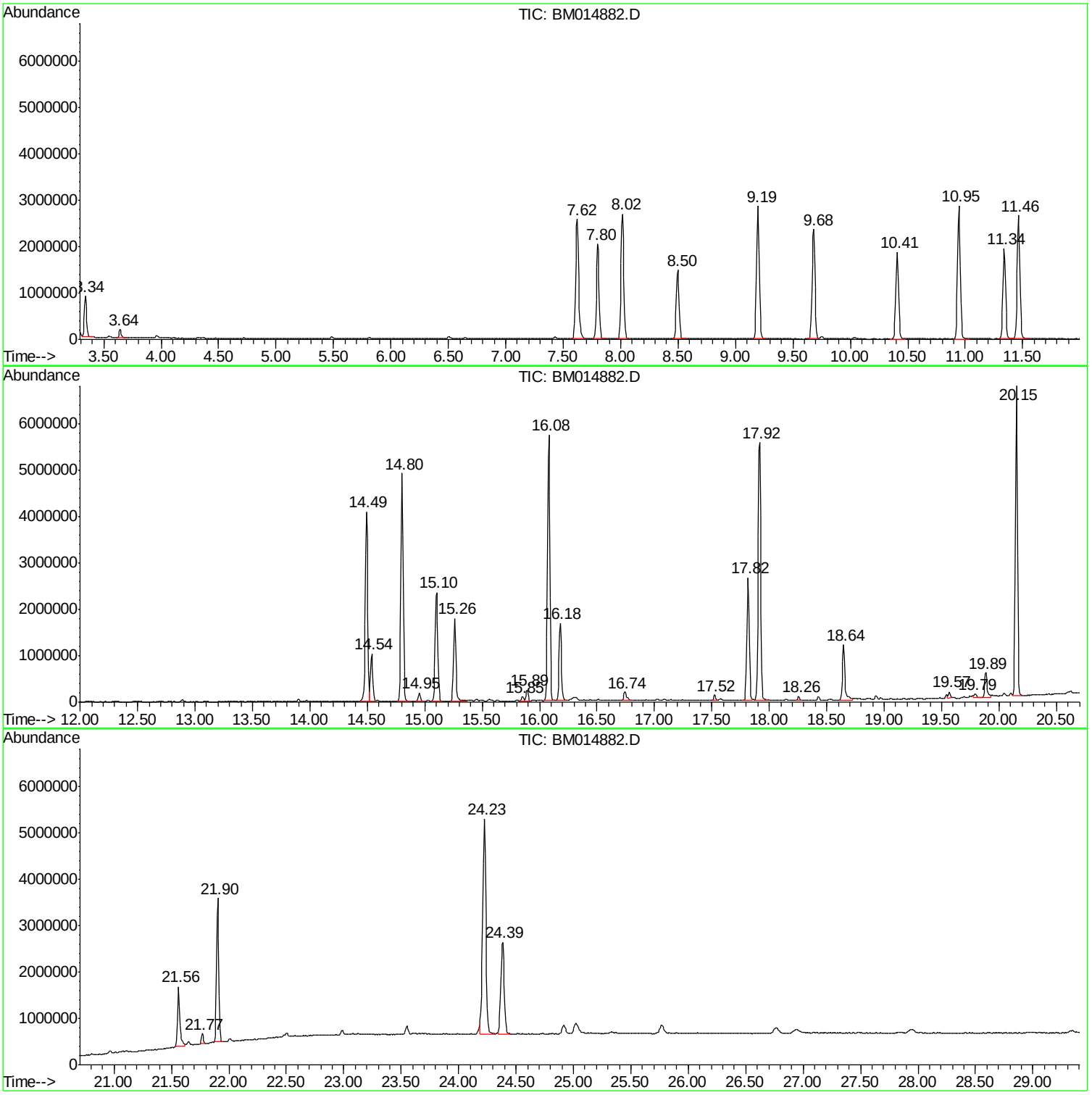
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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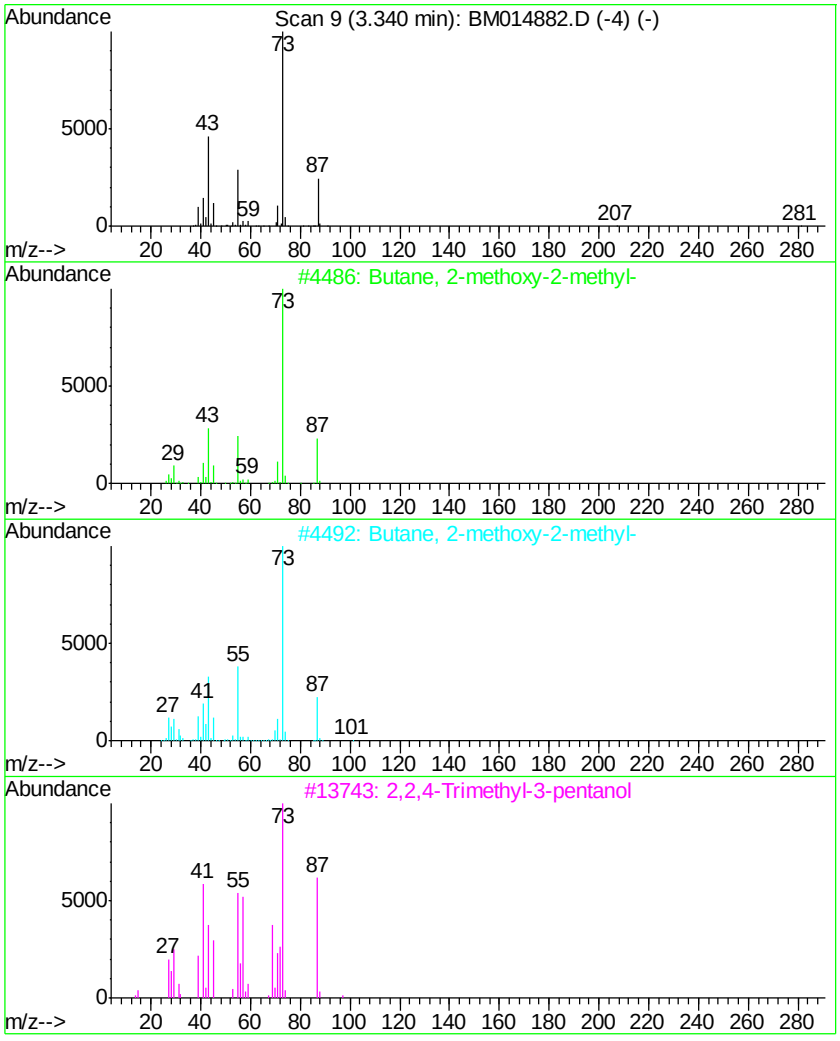
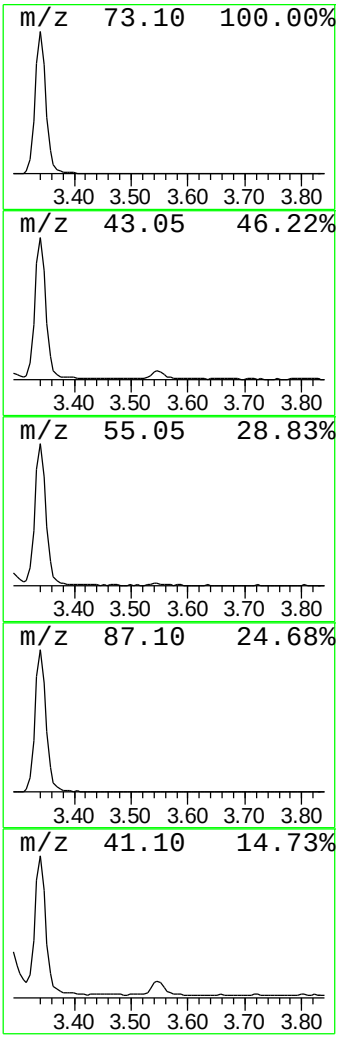
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	9.61 ng/ul	1189980	1,4-Dichlorobenzene-d4	8.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32





Library Search Compound Report

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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1B65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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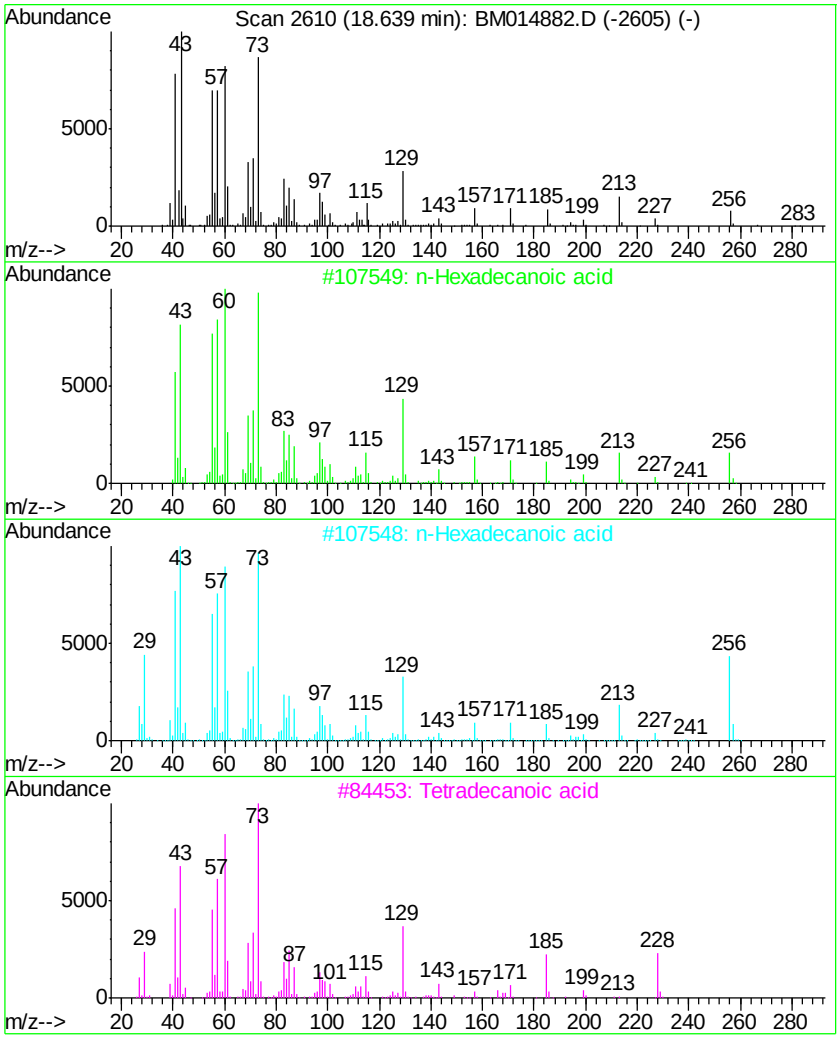
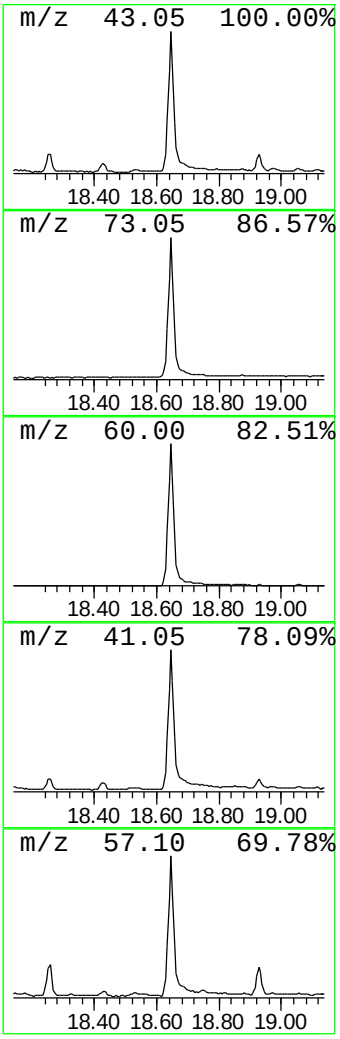
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	9.05 ng/ul	1742310	Phenanthrene-d10	17.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1B65

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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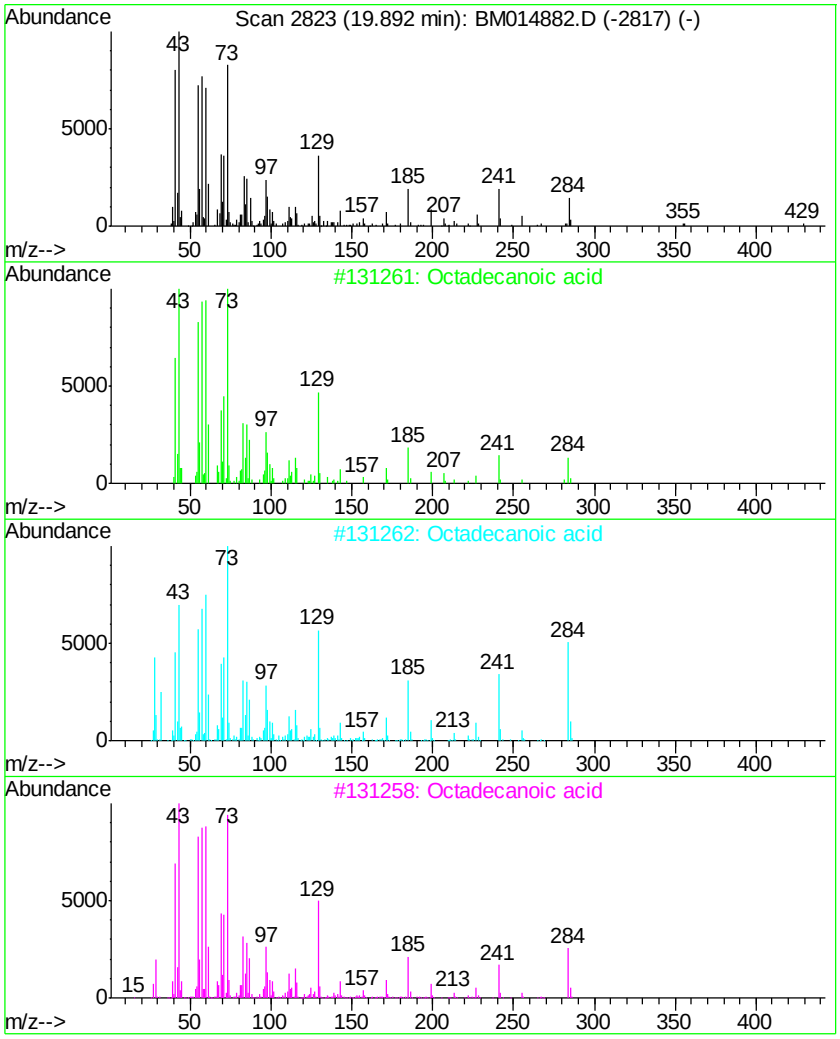
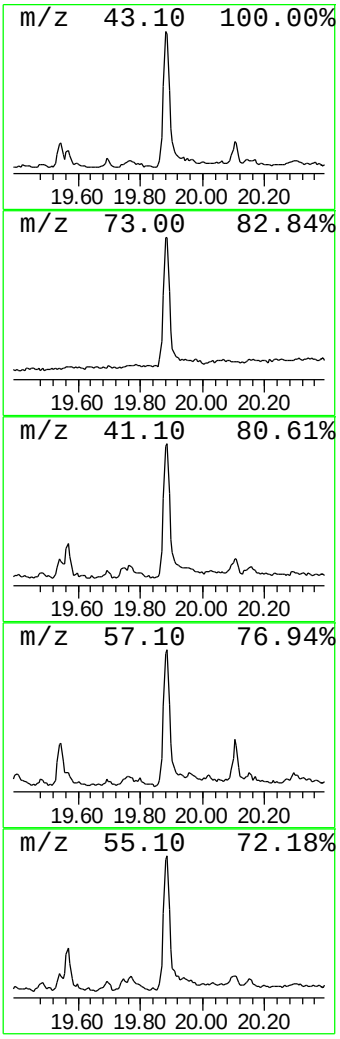
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	3.77 ng/ul	771509	Chrysene-d12	21.90

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	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





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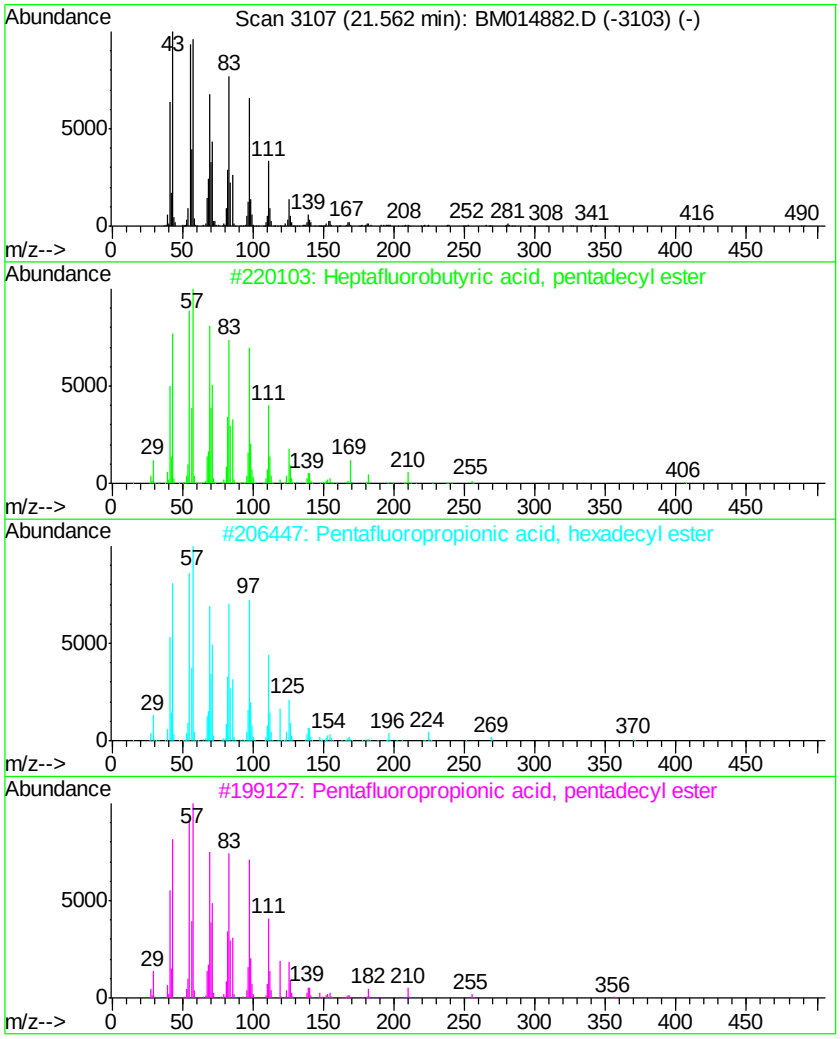
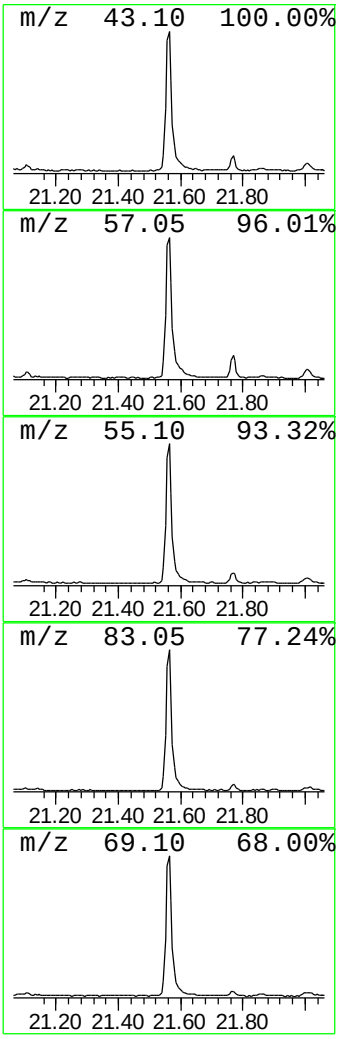
Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	8.78 ng/ul	1797440	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	1-Docosene	308	C22H44	001599-67-3	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
Butane, 2-methoxy...	3.34	9.6	ng/ul	1189980	1	8.50	2475820	20.0
n-Hexadecanoic acid	18.64	9.1	ng/ul	1742310	4	17.82	3852480	20.0
Octadecanoic acid	19.89	3.8	ng/ul	771509	5	21.90	4094120	20.0
Heptafluorobutyri...	21.56	8.8	ng/ul	1797440	5	21.90	4094120	20.0