LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008795.D
Acq On : 22 Jan 2017 05:59
Operator : UM/SJ
Sample : I1316-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP23

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\SOM02.2-EPA-BM010617.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	7.098	760	767	780	rVB2	497183	891759	27.98%	2.590%
2	7.281	791	798	805	rBV	288950	455075	14.28%	1.321%
3	7.475	822	831	840	rBV	445331	723675	22.70%	2.101%
4	7.951	903	912	919	rBV	377942	626666	19.66%	1.820%
5	8.639	1023	1029	1038	rVB	510214	835682	26.22%	2.427%
6	9.110	1102	1109	1116	rBV	457802	769369	24.14%	2.234%
7	9.833	1225	1232	1241	rVB2	418577	691720	21.70%	2.009%
8	10.363	1314	1322	1330	rBV	571075	912623	28.63%	2.650%
9	10.751	1382	1388	1395	rVB2	453402	781034	24.50%	2.268%
10	10.886	1404	1411	1422	rVB2	488086	812126	25.48%	2.358%
11	13.986	1932	1938	1942	rBV	944962	1309977	41.10%	3.804%
12	14.033	1942	1946	1953	rVB	145192	204444	6.41%	0.594%
13	14.274	1980	1987	1994	rVB	904991	1323211	41.51%	3.842%
14	14.580	2033	2039	2048	rVB	706463	1010745	31.71%	2.935%
15	14.757	2063	2069	2077	rBV	630023	883623	27.72%	2.566%
16	15.410	2176	2180	2186	rVB	33974	42470	1.33%	0.123%
17	15.568	2201	2207	2218	rBV	1238437	1738122	54.53%	5.047%
18	15.680	2220	2226	2232	rBV	543285	740377	23.23%	2.150%
19	15.810	2243	2248	2253	rVB4	25468	35199	1.10%	0.102%
20	16.268	2320	2326	2334	rBV2	44810	75266	2.36%	0.219%
21	17.062	2455	2461	2465	rBV	45914	61477	1.93%	0.179%
22	17.321	2498	2505	2512	rBV	938270	1331955	41.79%	3.868%
23	17.421	2515	2522	2528	rVV2	1418611	2046663	64.21%	5.943%
24	17.798	2582	2586	2590	rBV3	41038	57477	1.80%	0.167%
25	18.192	2647	2653	2664	rBV2	276366	396786	12.45%	1.152%
26	19.345	2843	2849	2854	rBV10	38489	81459	2.56%	0.237%
27	19.468	2865	2870	2874	rBV2	123245	165671	5.20%	0.481%
28	19.615	2888	2895	2900	rBV	2812319	3187459	100.00%	9.256%
29	19.703	2904	2910	2916	rBV	1838858	2542845	79.78%	7.384%
30	20.656	3068	3072	3078	rBV	2597279	2801807	87.90%	8.136%
31	21.180	3157	3161	3165	rBV2	413954	543576	17.05%	1.578%
32	21.386	3193	3196	3199	rBV2	72432	76116	2.39%	0.221%
33	21.486	3208	3213	3218	rBV	1472447	1865928	58.54%	5.418%
34	23.697	3582	3589	3599	rVB2	1351503	2707305	84.94%	7.862%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
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Integrator: RTE
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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\SOM02.2-EPA-BM010617.M
Title : SVOA CALIBRATION

35	23.844	3607	3614	3622	rVB	871141	1706866	53.55%	4.957%

Sum of corrected areas: 34436553

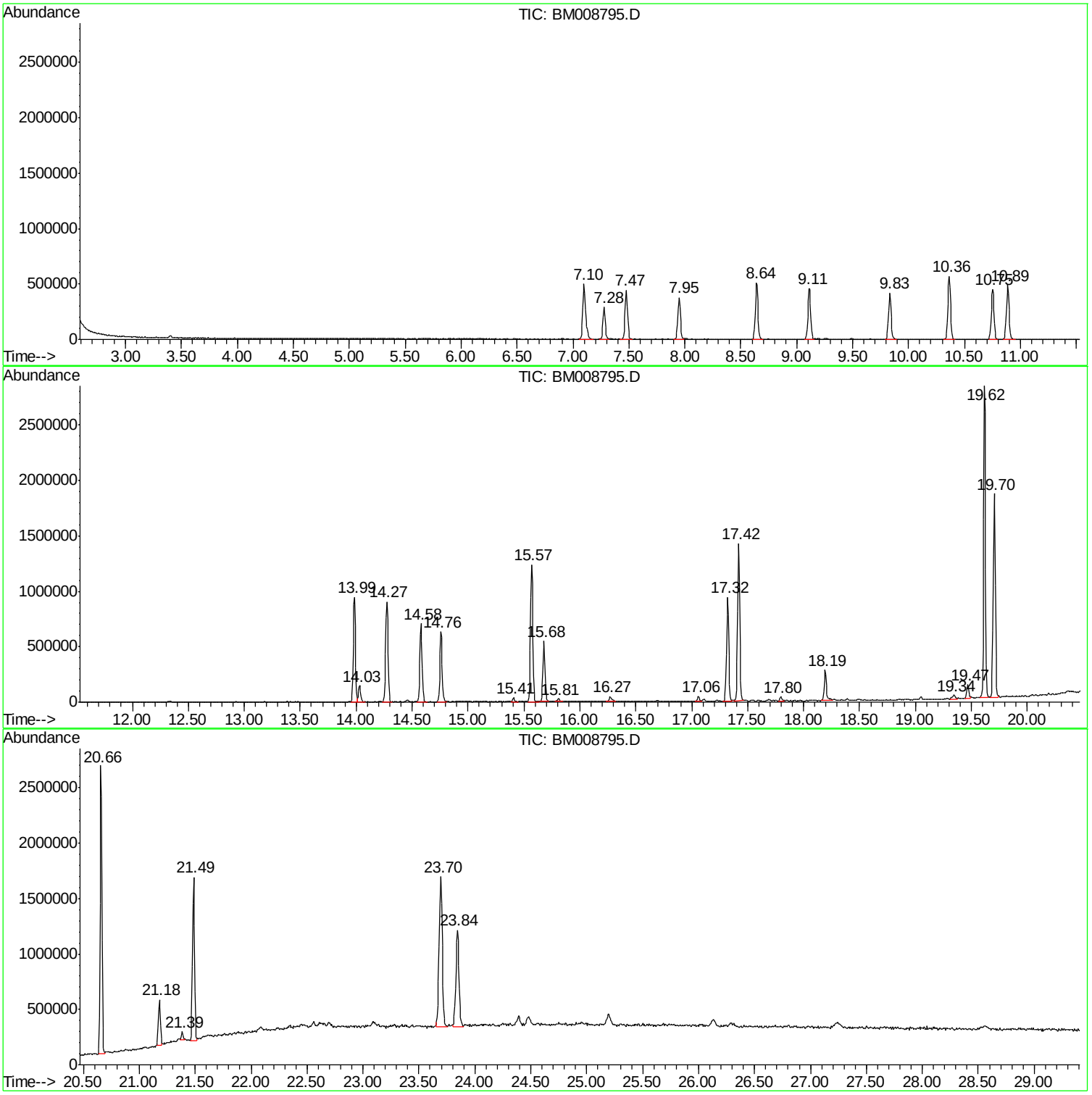
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008795.D
Acq On : 22 Jan 2017 05:59
Operator : UM/SJ
Sample : I1316-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDP23

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008795.D
Acq On : 22 Jan 2017 05:59
Operator : UM/SJ
Sample : I1316-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP23

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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

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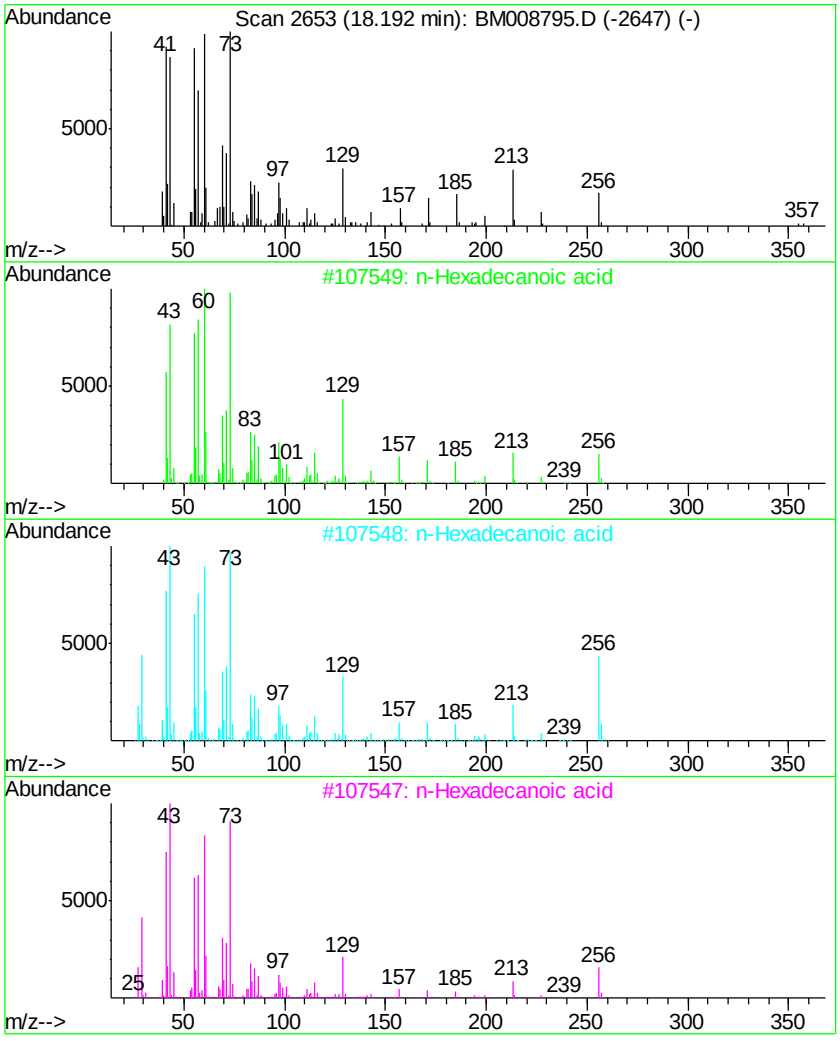
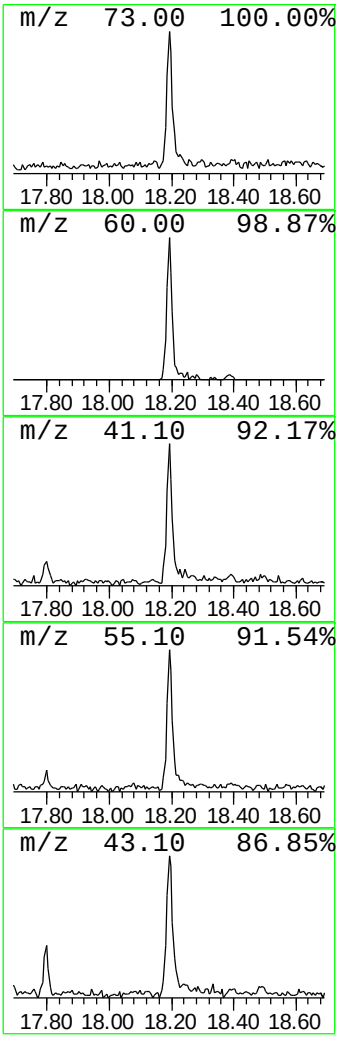
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	5.96 ng/ul	396786	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008795.D
Acq On : 22 Jan 2017 05:59
Operator : UM/SJ
Sample : I1316-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP23

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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

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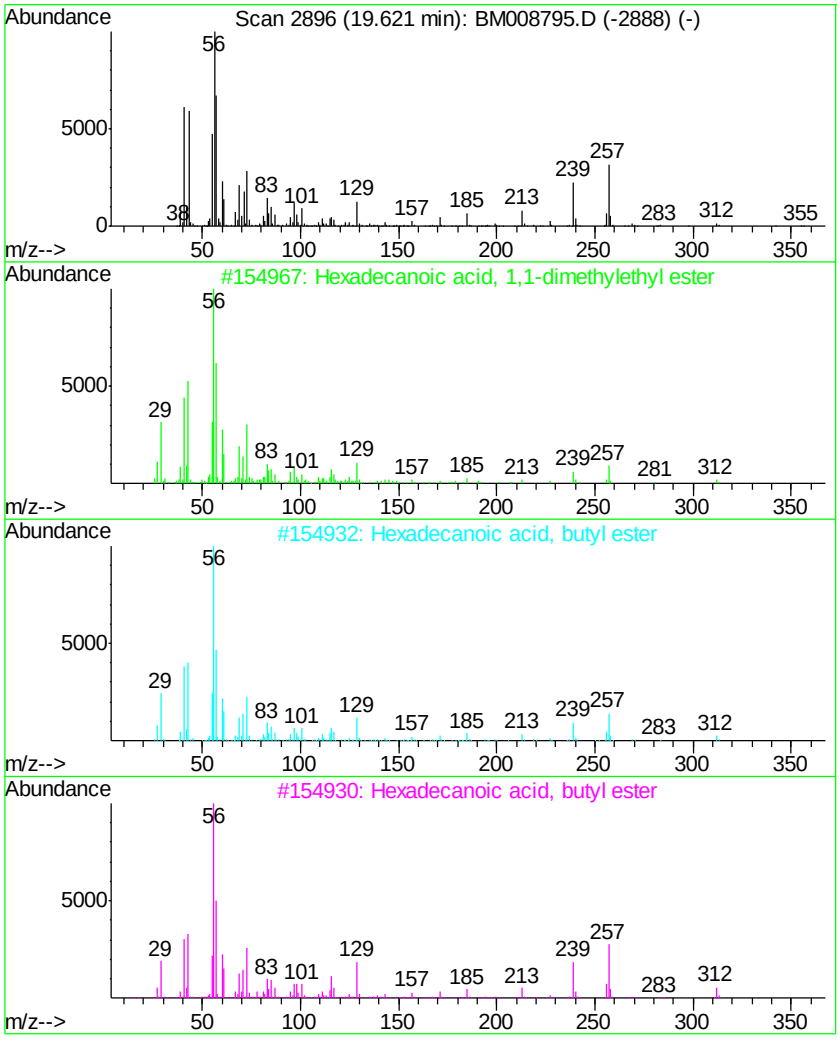
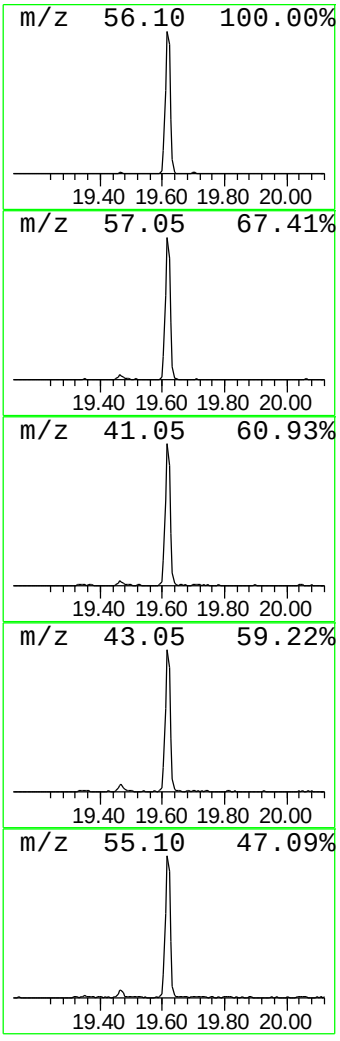
Peak Number 2 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	34.16 ng/ul	3187460	Chrysene-d12	21.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	95
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	86
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	58
4	Eicosanoic acid	312	C20H40O2	000506-30-9	49
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	45





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008795.D
Acq On : 22 Jan 2017 05:59
Operator : UM/SJ
Sample : I1316-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP23

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

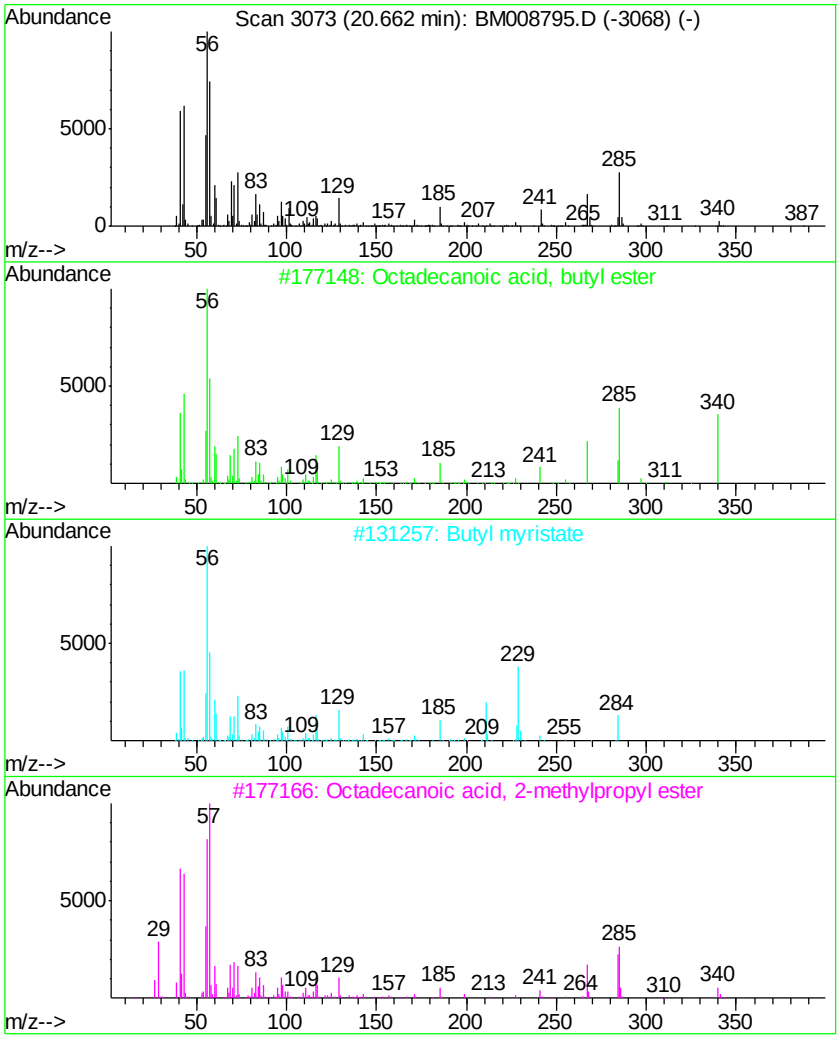
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

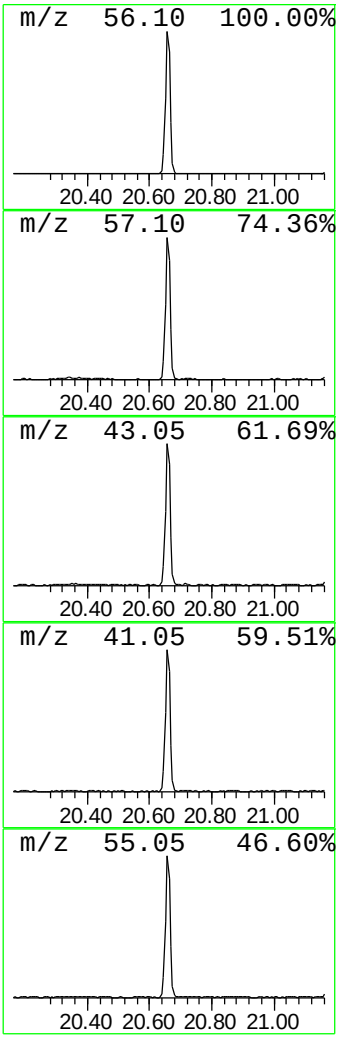
****

Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	30.03 ng/ul	2801810	Chrysene-d12	21.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2	Butyl myristate	284	C18H36O2	000110-36-1	64
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	49
4	Docosanoic acid	340	C22H44O2	000112-85-6	47
5	Docosanoic acid	340	C22H44O2	000112-85-6	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008795.D
Acq On : 22 Jan 2017 05:59
Operator : UM/SJ
Sample : I1316-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP23

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

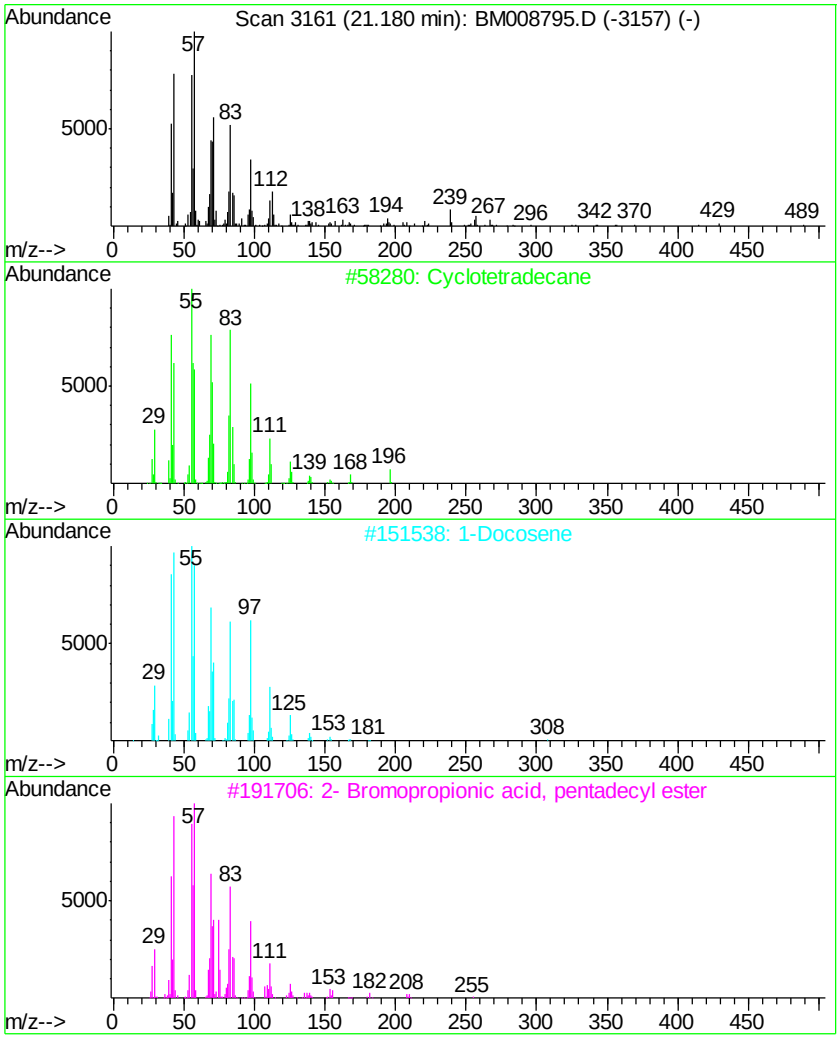
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

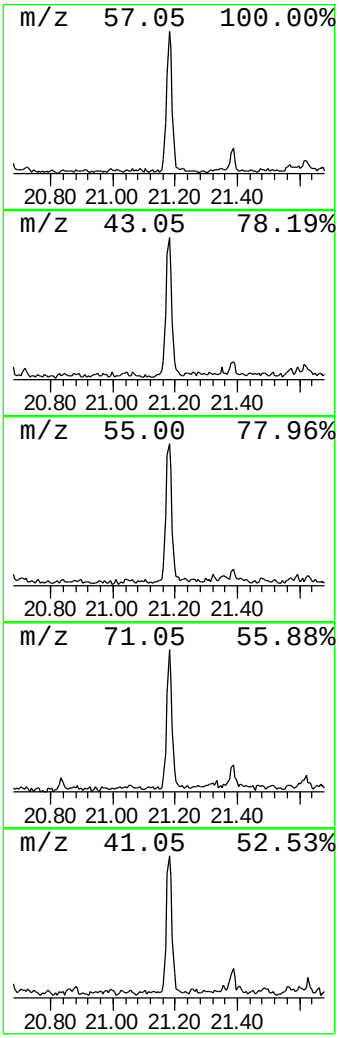
****

Peak Number 4 (DEL) Alkane: Cyclic21.18 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	5.83 ng/ul	543576	Chrysene-d12	21.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	78
2	1-Docosene	308	C22H44	001599-67-3	62
3	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	62
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	62
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008795.D
Acq On : 22 Jan 2017 05:59
Operator : UM/SJ
Sample : I1316-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP23

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.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	18.19	6.0	ng/ul	396786	4	17.32	1331960	20.0
Hexadecanoic acid...	19.62	34.2	ng/ul	3187460	5	21.49	1865930	20.0
Octadecanoic acid...	20.66	30.0	ng/ul	2801810	5	21.49	1865930	20.0
(DEL) Alkane: Cyc...	21.18	5.8	ng/ul	543576	5	21.49	1865930	20.0