LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009790.D
Acq On : 28 Apr 2017 21:03
Operator : SJ/MA
Sample : I2845-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT07

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-BM042517.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	6.987	656	663	674	rBV	638067	1104404	24.50%	2.450%
2	7.157	683	692	701	rBV	529236	826403	18.34%	1.833%
3	7.351	718	725	735	rVB	633726	1025154	22.75%	2.274%
4	7.822	798	805	812	rBV	559381	918440	20.38%	2.037%
5	8.522	915	924	935	rBV	730088	1198590	26.59%	2.659%
6	8.986	996	1003	1012	rBV	702168	1144877	25.40%	2.540%
7	9.704	1118	1125	1134	rBV	605211	999883	22.18%	2.218%
8	10.233	1208	1215	1224	rBV	836928	1410314	31.29%	3.129%
9	10.616	1273	1280	1288	rBV	848457	1397552	31.01%	3.100%
10	10.763	1297	1305	1315	rBV	751181	1350950	29.97%	2.997%
11	13.874	1828	1834	1838	rBV	1619364	2180673	48.38%	4.838%
12	13.921	1838	1842	1848	rVB	305626	416151	9.23%	0.923%
13	14.157	1876	1882	1890	rBV	1727461	2494303	55.34%	5.533%
14	14.339	1906	1913	1917	rBV	41379	54223	1.20%	0.120%
15	14.468	1928	1935	1944	rVB2	1307014	1997280	44.31%	4.431%
16	14.674	1963	1970	1983	rBV	709998	1183621	26.26%	2.626%
17	15.292	2070	2075	2079	rVB	85363	107266	2.38%	0.238%
18	15.462	2097	2104	2110	rBV	2237194	3252245	72.16%	7.215%
19	15.592	2120	2126	2136	rBV	598557	891351	19.78%	1.977%
20	15.698	2136	2144	2148	rVB5	48944	93506	2.07%	0.207%
21	16.157	2217	2222	2233	rBV2	92381	172068	3.82%	0.382%
22	16.945	2353	2356	2361	rBV2	63162	81525	1.81%	0.181%
23	17.215	2395	2402	2408	rBV	1732050	2474787	54.91%	5.490%
24	17.315	2413	2419	2426	rVB	2759510	3751958	83.25%	8.323%
25	18.092	2545	2551	2559	rBV	220579	337059	7.48%	0.748%
26	18.386	2596	2601	2604	rBV6	26261	47237	1.05%	0.105%
27	19.245	2743	2747	2751	rBV2	44477	75157	1.67%	0.167%
28	19.368	2765	2768	2773	rBV5	68727	89511	1.99%	0.199%
29	19.609	2803	2809	2817	rBV	3268926	4507100	100.00%	9.999%
30	21.080	3056	3059	3067	rVB	663402	859182	19.06%	1.906%
31	21.397	3108	3113	3119	rBV	2303253	2915788	64.69%	6.468%
32	23.556	3474	3480	3490	rVB	1696947	3466255	76.91%	7.690%
33	23.709	3500	3506	3517	rVB3	1123079	2252321	49.97%	4.997%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009790.D
Acq On : 28 Apr 2017 21:03
Operator : SJ/MA
Sample : I2845-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT07

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-BM042517.M
Title : SVOA CALIBRATION

Sum of corrected areas: 45077134

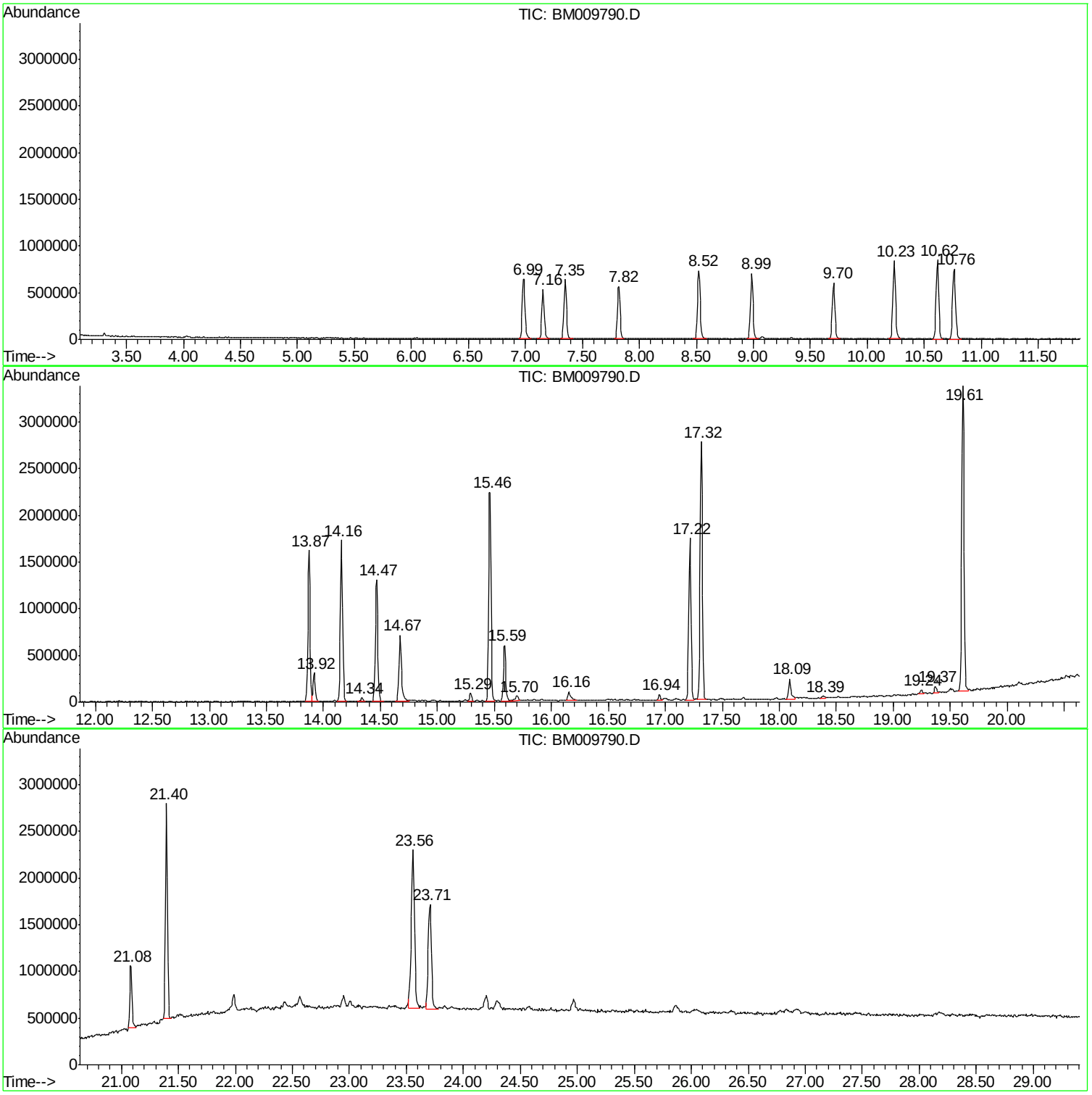
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009790.D
Acq On : 28 Apr 2017 21:03
Operator : SJ/MA
Sample : I2845-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT07

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009790.D
Acq On : 28 Apr 2017 21:03
Operator : SJ/MA
Sample : I2845-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT07

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

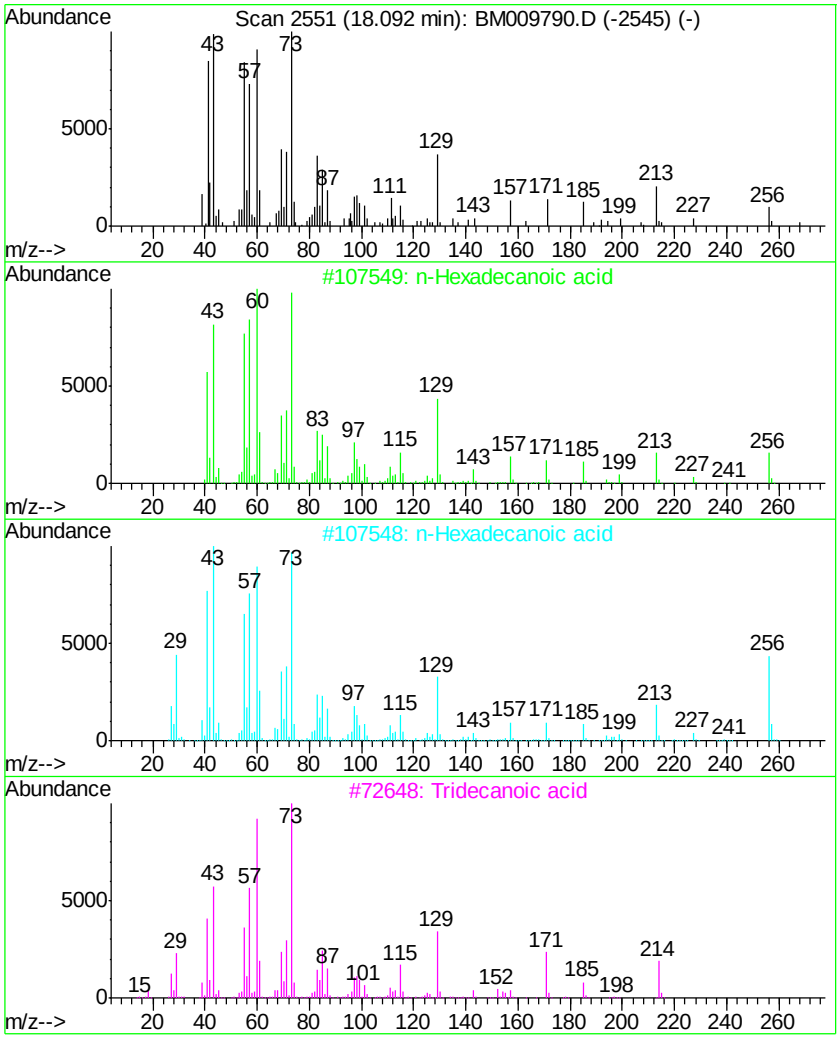
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

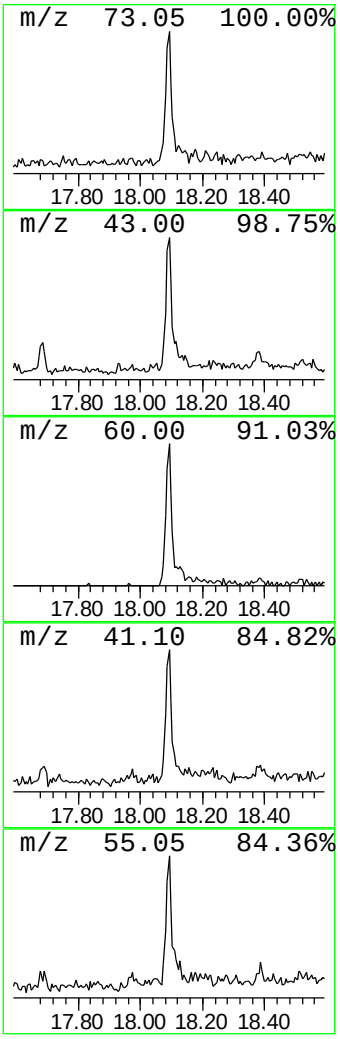
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.72 ng/ul	337059	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009790.D
Acq On : 28 Apr 2017 21:03
Operator : SJ/MA
Sample : I2845-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT07

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

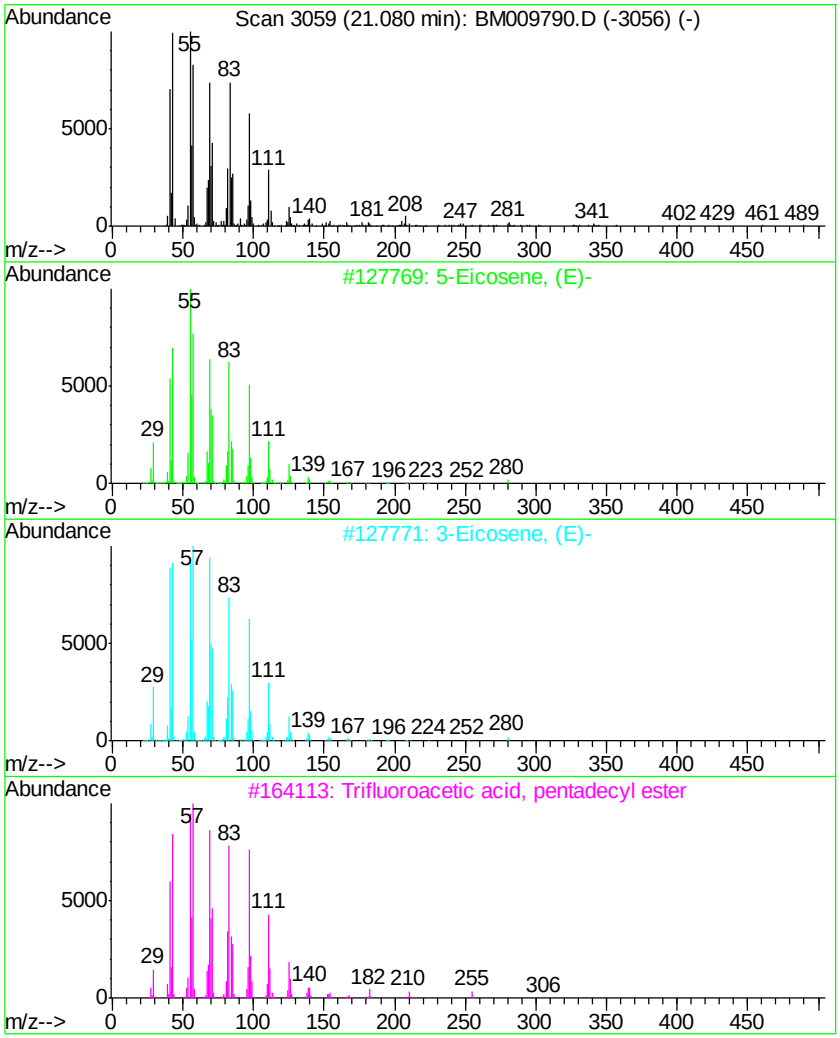
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

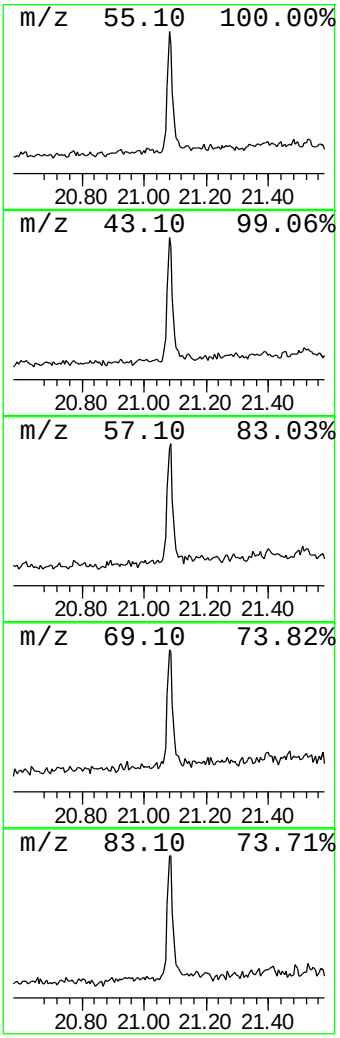
****

Peak Number 2 (DEL) Alkane: Cyclic21.08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	5.89 ng/ul	859182	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	1-Eicosene	280	C20H40	003452-07-1	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042817\
Data File : BM009790.D
Acq On : 28 Apr 2017 21:03
Operator : SJ/MA
Sample : I2845-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT07

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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	18.09	2.7	ng/ul	337059	4	17.22	2474790	20.0
(DEL) Alkane: Cyc...	21.08	5.9	ng/ul	859182	5	21.40	2915790	20.0