LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010750.D
Acq On : 26 Jun 2017 17:18
Operator : SJ/JU
Sample : I3756-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

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-BM062017.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	6.639	633	638	647	rVB	155925	240871	17.34%	1.852%
2	6.810	662	667	674	rVB	111629	163309	11.76%	1.256%
3	6.992	691	698	707	rBB	156768	245381	17.66%	1.887%
4	7.457	771	777	784	rVB	160774	241512	17.39%	1.857%
5	8.163	891	897	902	rBV	204918	313320	22.55%	2.410%
6	8.216	902	906	914	rVB	35907	51506	3.71%	0.396%
7	8.598	964	971	978	rBV	164578	251594	18.11%	1.935%
8	9.310	1087	1092	1100	rVB	147426	226271	16.29%	1.740%
9	9.845	1176	1183	1191	rVB	242576	378717	27.26%	2.912%
10	10.216	1240	1246	1253	rBB	236435	371058	26.71%	2.854%
11	10.357	1264	1270	1278	rBB	199286	314507	22.64%	2.419%
12	13.527	1803	1809	1814	rBV	489520	658866	47.43%	5.067%
13	13.574	1814	1817	1824	rVB	116771	149819	10.79%	1.152%
14	13.792	1848	1854	1863	rBV	466192	678629	48.85%	5.219%
15	14.110	1901	1908	1914	rVB2	378473	564052	40.60%	4.338%
16	14.315	1936	1943	1949	rBV	192574	263283	18.95%	2.025%
17	15.110	2072	2078	2084	rBV	653970	890779	64.12%	6.850%
18	15.233	2094	2099	2106	rBV2	195551	252063	18.15%	1.938%
19	16.862	2370	2376	2380	rBV	567864	757150	54.51%	5.823%
20	16.904	2380	2383	2387	rVV	45460	56179	4.04%	0.432%
21	16.962	2387	2393	2405	rVB	724790	1075341	77.41%	8.270%
22	17.274	2441	2446	2450	rVB	11002	13941	1.00%	0.107%
23	17.786	2528	2533	2538	rBV	107109	138875	10.00%	1.068%
24	18.933	2724	2728	2736	rVB	74044	98114	7.06%	0.755%
25	19.080	2749	2753	2758	rBV3	46955	52724	3.80%	0.405%
26	19.268	2779	2785	2795	rBV	983390	1389138	100.00%	10.683%
27	19.809	2873	2877	2882	rVB4	8253	15520	1.12%	0.119%
28	20.286	2955	2958	2962	rBV5	13420	17821	1.28%	0.137%
29	20.815	3044	3048	3053	rBV3	111660	132686	9.55%	1.020%
30	21.074	3086	3092	3097	rBV	761857	1002962	72.20%	7.713%
31	21.109	3097	3098	3104	rVB	35890	38922	2.80%	0.299%
32	21.262	3121	3124	3125	rBV3	12412	16030	1.15%	0.123%
33	23.080	3427	3433	3440	rBV2	628828	1098325	79.07%	8.447%
34	23.215	3450	3456	3462	rVB2	414060	735750	52.96%	5.658%

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35	23.744	3543	3546	3551	rVB6	42241	59293	4.27%	0.456%
36	24.427	3658	3662	3663	rBV3	34840	48852	3.52%	0.376%

Sum of corrected areas: 13003160

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BNA_M
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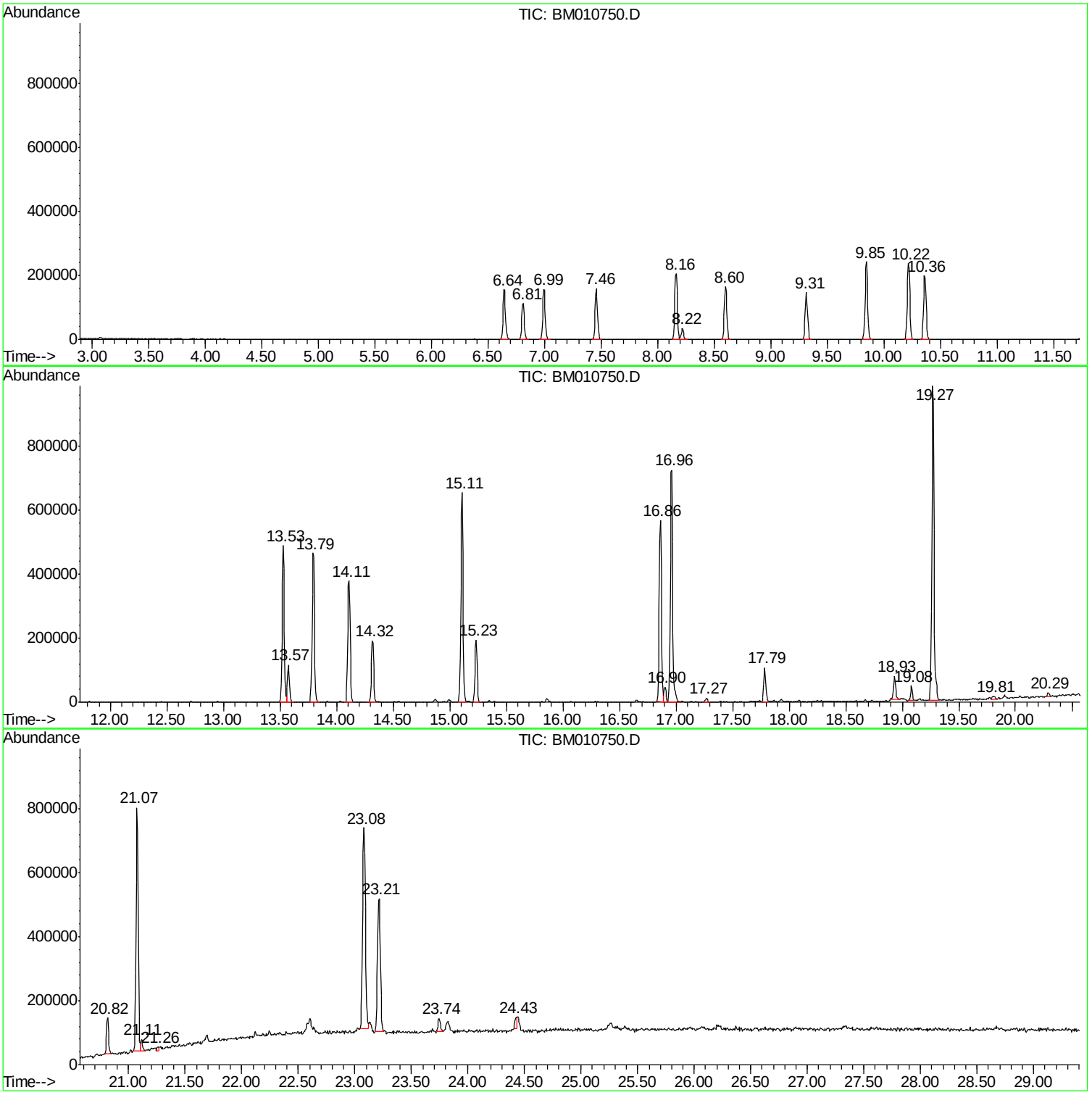
C0AE2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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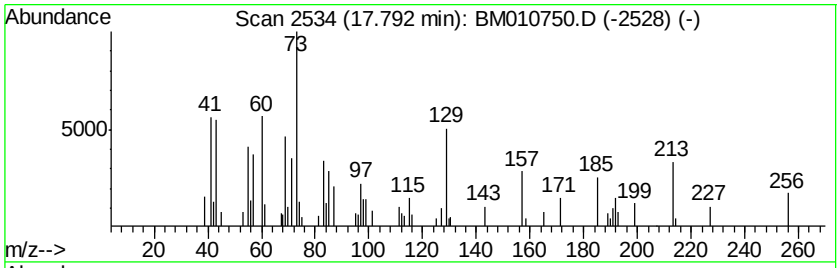
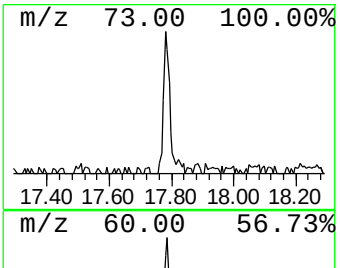
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.67 ng/ul	138875	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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Instrument : BNA_M
ClientSampleId : C0AE2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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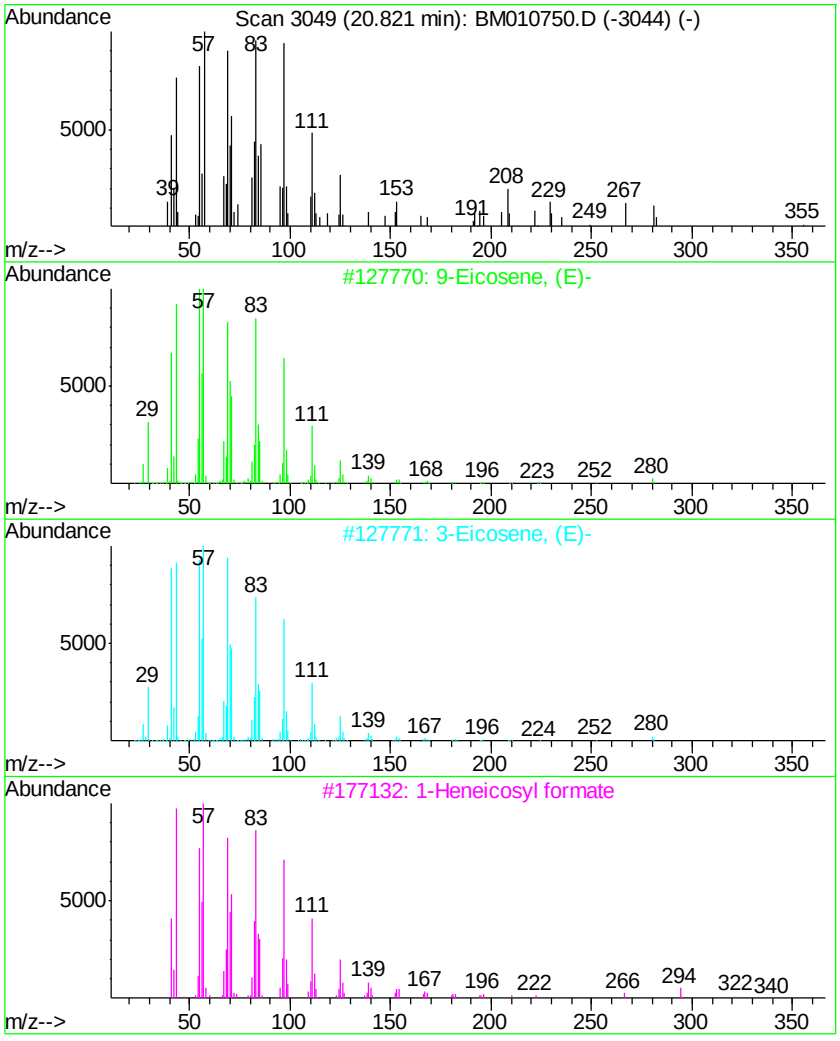
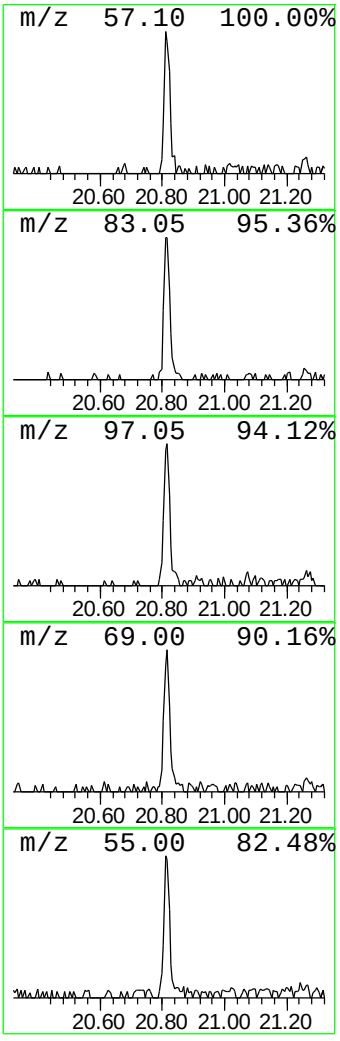
Peak Number 2 (DEL) Alkane: Cyclic20.82 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.65 ng/ul	132686	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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	17.79	3.7	ng/ul	138875	4	16.86	757150	20.0
(DEL) Alkane: Cyc...	20.82	2.6	ng/ul	132686	5	21.07	1002960	20.0