LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
Data File : BM016006.D
Acq On : 20 Jul 2018 00:55
Operator : SJ/JU
Sample : J4039-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB1R4

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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	7.416	697	702	714	rBV2	78546	168410	6.36%	0.715%
2	7.575	723	729	748	rVB	250763	408284	15.42%	1.734%
3	7.781	758	764	779	rBV	303895	525207	19.83%	2.230%
4	8.251	838	844	856	rBV	237597	399716	15.09%	1.697%
5	8.969	961	966	982	rBV	230907	411514	15.54%	1.748%
6	9.439	1039	1046	1061	rBV	398601	682667	25.78%	2.899%
7	10.163	1163	1169	1184	rBB	372207	624127	23.57%	2.650%
8	10.698	1254	1260	1273	rBV	467082	849003	32.06%	3.605%
9	11.075	1317	1324	1336	rBV	376773	637807	24.09%	2.708%
10	14.280	1863	1869	1874	rBV	1054345	1408586	53.19%	5.982%
11	14.327	1874	1877	1883	rVB	67556	89560	3.38%	0.380%
12	14.574	1913	1919	1932	rBV	1068309	1584322	59.83%	6.728%
13	14.880	1964	1971	1980	rVB2	593641	907266	34.26%	3.853%
14	15.104	2005	2009	2017	rBV2	56875	121781	4.60%	0.517%
15	15.863	2132	2138	2146	rBV	1428196	1994530	75.32%	8.470%
16	15.998	2156	2161	2172	rBV	523942	717549	27.10%	3.047%
17	17.609	2429	2435	2441	rBV2	800543	1146524	43.30%	4.869%
18	17.704	2445	2451	2461	rBV	1580086	2256433	85.21%	9.582%
19	18.451	2573	2578	2587	rBV	130766	185234	6.99%	0.787%
20	19.698	2786	2790	2796	rBV4	44789	63296	2.39%	0.269%
21	19.968	2830	2836	2845	rBV	1972923	2648092	100.00%	11.245%
22	21.397	3074	3079	3087	rBV	212234	348112	13.15%	1.478%
23	21.721	3129	3134	3140	rBV	1138139	1458962	55.09%	6.196%
24	23.956	3507	3514	3524	rVB	1336335	2601048	98.22%	11.046%
25	24.109	3533	3540	3554	rVB	668429	1310424	49.49%	5.565%

Sum of corrected areas: 23548454

LSC Report - Integrated Chromatogram

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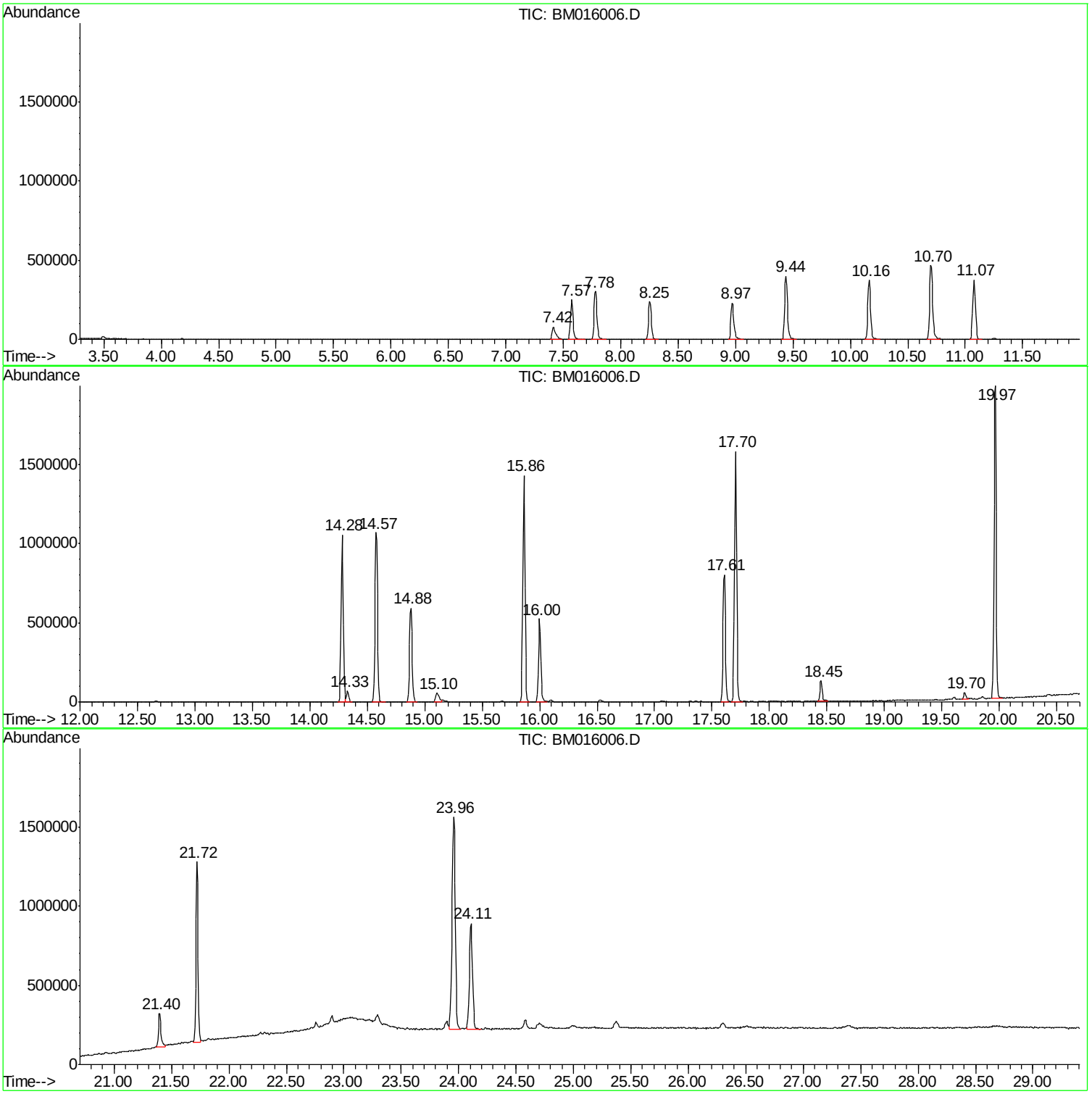
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : DB1R4

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Quant Title : SVOA CALIBRATION

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

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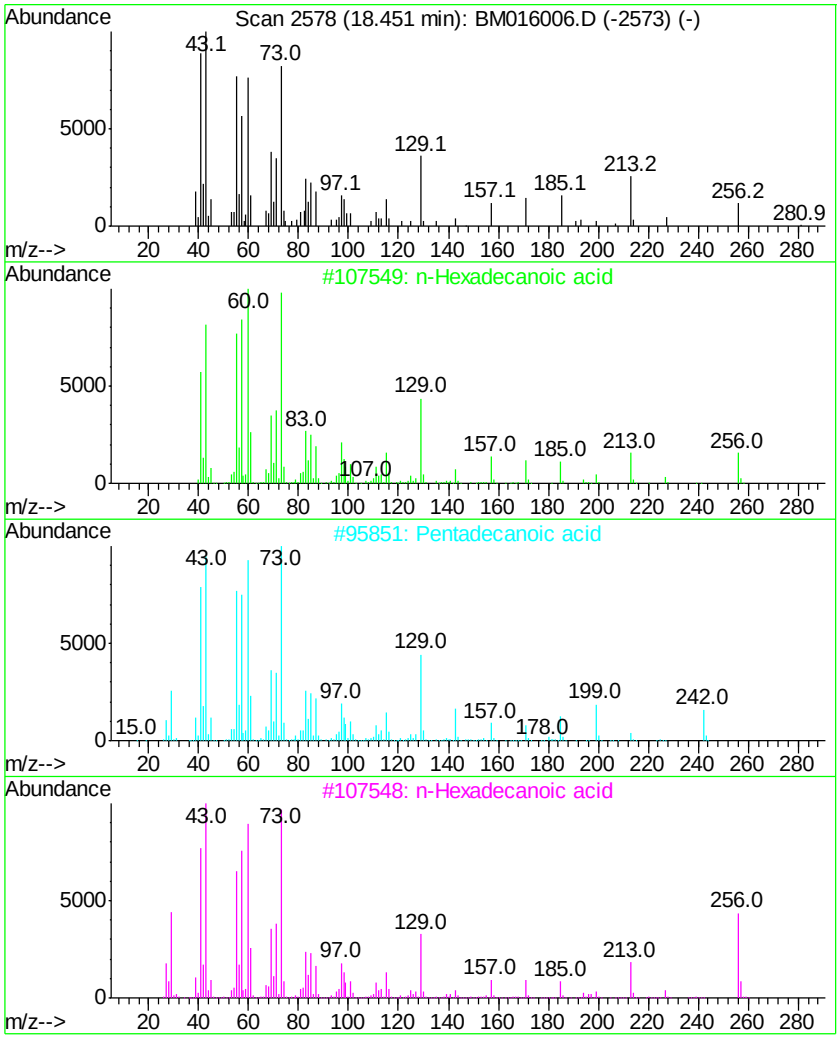
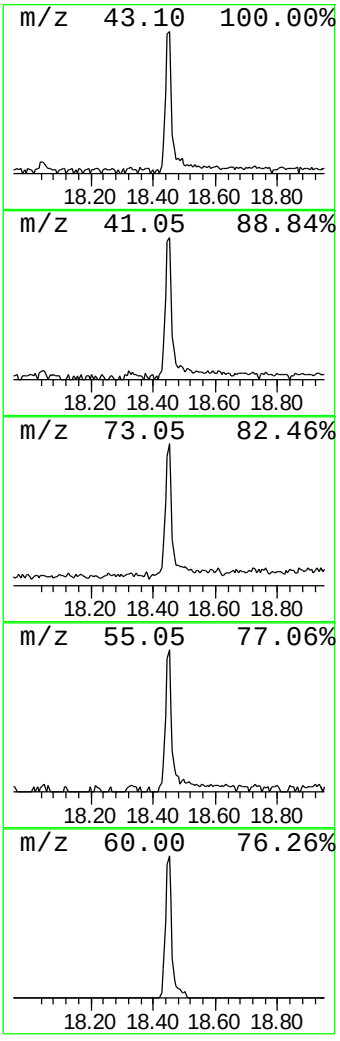
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	3.23 ng/ul	185234	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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Quant Title : SVOA CALIBRATION

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

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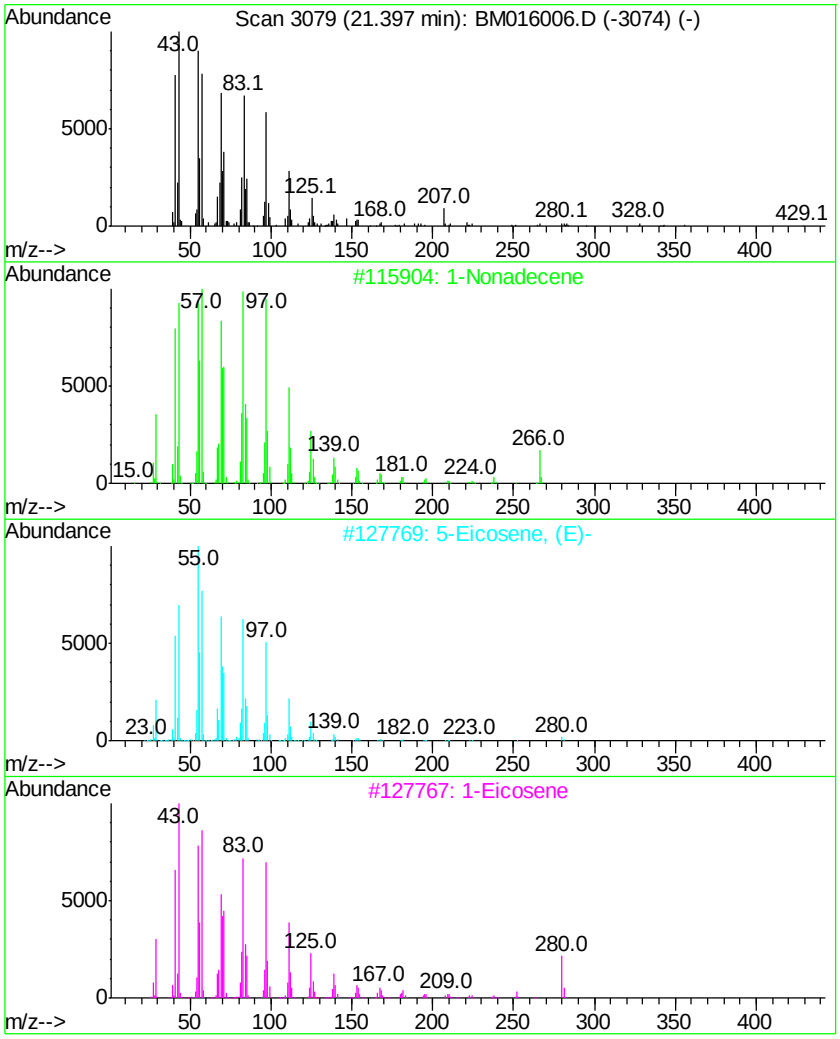
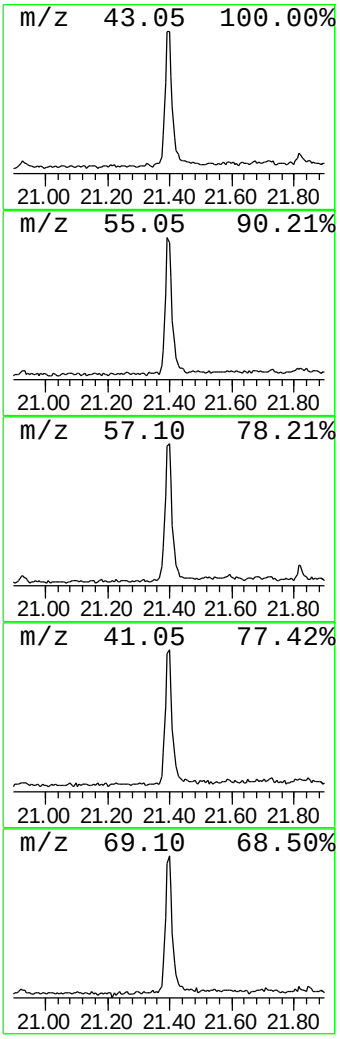
Peak Number 2 (DEL) Alkane: Cyclic21.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	4.77 ng/ul	348112	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
3	1-Eicosene	280	C20H40	003452-07-1	97
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
5	Cycloeicosane	280	C20H40	000296-56-0	95





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.45	3.2	ng/ul	185234	4	17.61	1146520	20.0
(DEL) Alkane: Cyc...	21.40	4.8	ng/ul	348112	5	21.72	1458960	20.0