LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009028.D
Acq On : 24 Feb 2017 22:07
Operator : SJ/MA
Sample : I1940-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DABR1

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-BM022317.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	3.357	43	46	53	rVB3	36548	57391	1.53%	0.128%
2	7.051	667	674	687	rVB	664028	1133245	30.13%	2.525%
3	7.228	697	704	714	rBV	486588	773995	20.58%	1.724%
4	7.428	731	738	749	rBV	640144	1000445	26.60%	2.229%
5	7.898	812	818	826	rBV	861211	1340440	35.64%	2.986%
6	8.592	930	936	943	rBV	783962	1223464	32.53%	2.726%
7	9.063	1009	1016	1025	rVB	618173	1030568	27.40%	2.296%
8	9.780	1132	1138	1147	rBV2	486729	839046	22.31%	1.869%
9	10.316	1221	1229	1239	rBV	754244	1247059	33.16%	2.778%
10	10.698	1287	1294	1302	rVB	1041376	1801015	47.89%	4.012%
11	10.839	1309	1318	1326	rBV	739414	1221880	32.49%	2.722%
12	13.945	1839	1846	1850	rBV	1332443	1877071	49.91%	4.182%
13	13.992	1850	1854	1859	rVB	599430	828628	22.03%	1.846%
14	14.233	1887	1895	1902	rBV	1411808	1982335	52.71%	4.416%
15	14.539	1941	1947	1957	rVB2	1493241	2344834	62.34%	5.224%
16	14.721	1972	1978	1986	rBV	659109	944909	25.12%	2.105%
17	15.368	2083	2088	2093	rVB4	59239	76675	2.04%	0.171%
18	15.533	2109	2116	2122	rBV	1846081	2655676	70.61%	5.917%
19	15.645	2129	2135	2143	rBV	510498	700661	18.63%	1.561%
20	15.768	2148	2156	2160	rBV4	44021	77725	2.07%	0.173%
21	16.227	2230	2234	2241	rBV3	76281	120420	3.20%	0.268%
22	17.015	2364	2368	2373	rBV	48887	70370	1.87%	0.157%
23	17.286	2407	2414	2420	rBV	2107851	2970419	78.98%	6.618%
24	17.380	2423	2430	2444	rVB	2070793	3057197	81.28%	6.811%
25	17.645	2468	2475	2480	rBV4	101622	145874	3.88%	0.325%
26	18.027	2535	2540	2544	rBV6	39148	55224	1.47%	0.123%
27	18.156	2555	2562	2569	rBV2	300177	431862	11.48%	0.962%
28	19.009	2704	2707	2713	rBV7	29175	42210	1.12%	0.094%
29	19.303	2750	2757	2762	rBV8	61229	131956	3.51%	0.294%
30	19.427	2774	2778	2784	rBV3	127573	169085	4.50%	0.377%
31	19.674	2813	2820	2828	rBV	2688014	3713544	98.74%	8.273%
32	21.139	3066	3069	3075	rBV3	332209	435036	11.57%	0.969%
33	21.456	3117	3123	3129	rBV	2954533	3761107	100.00%	8.379%
34	23.650	3489	3496	3508	rVB	1696001	3368964	89.57%	7.506%

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35	23.797	3515	3521	3530	rVB	1649320	3255566	86.56%	7.253%

Sum of corrected areas: 44885896

LSC Report - Integrated Chromatogram

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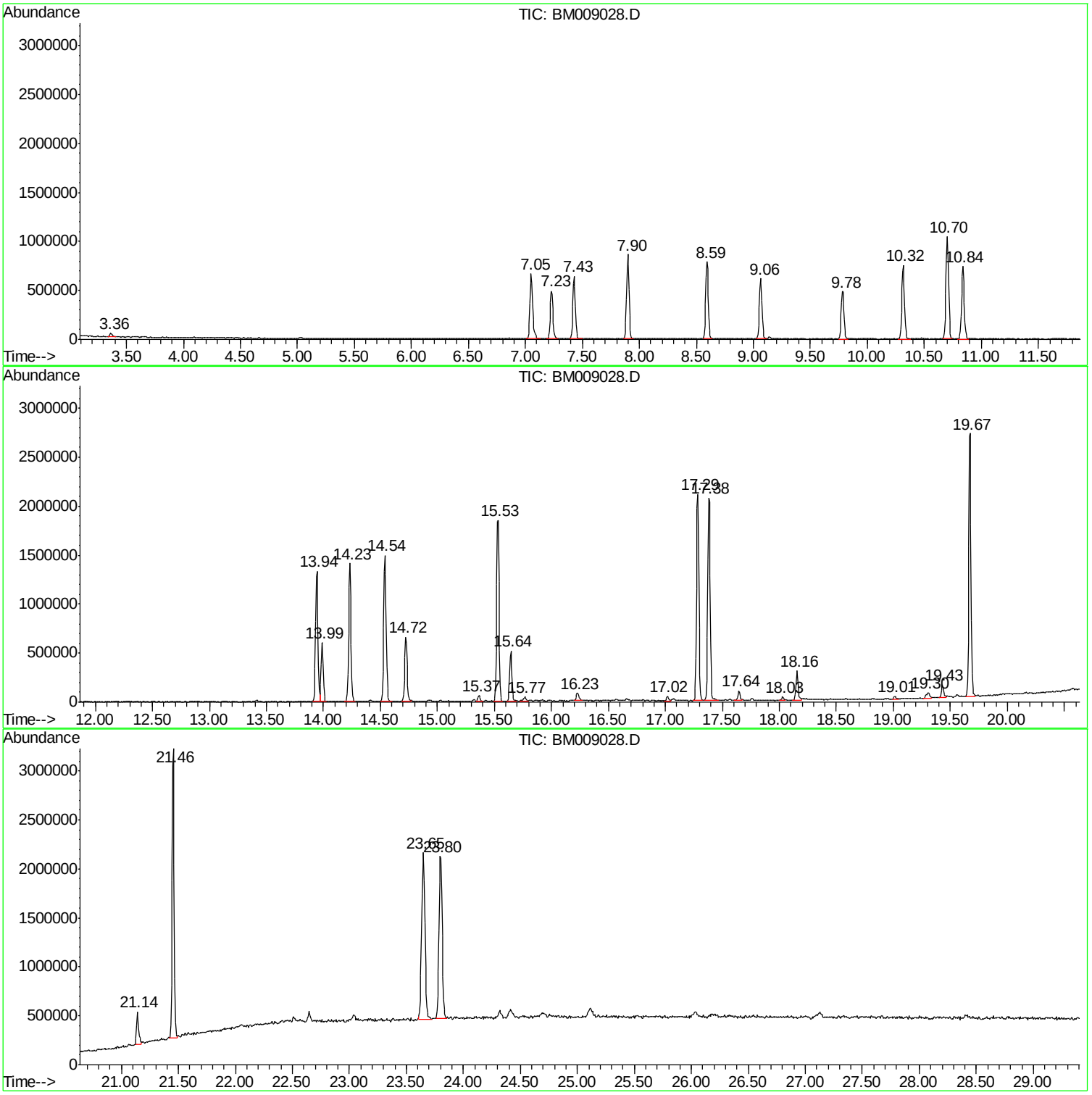
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABR1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009028.D
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Sample : I1940-18
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Instrument : BNA_M
ClientSampleId : DABR1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

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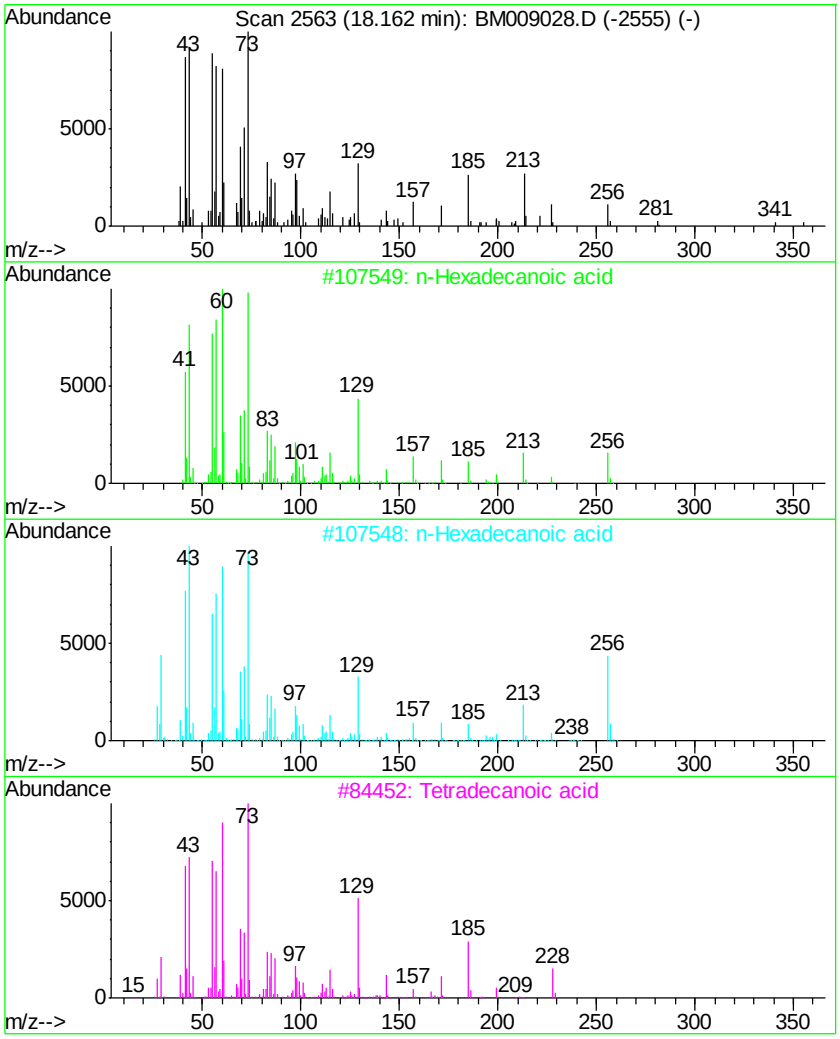
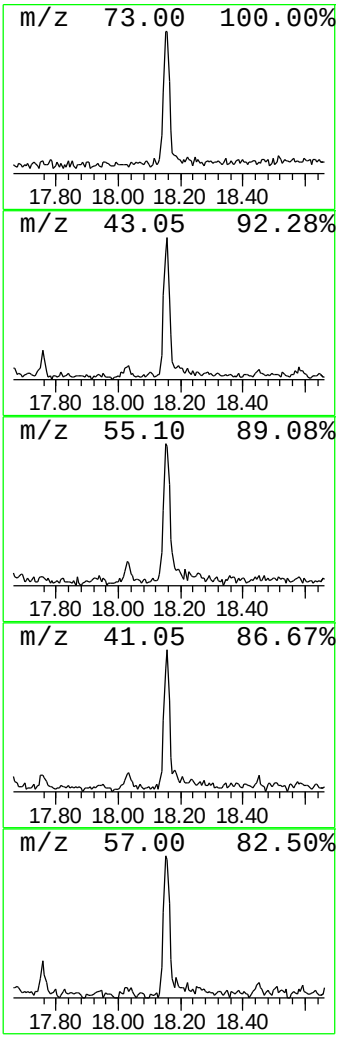
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.91 ng/ul	431862	Phenanthrene-d10	17.29

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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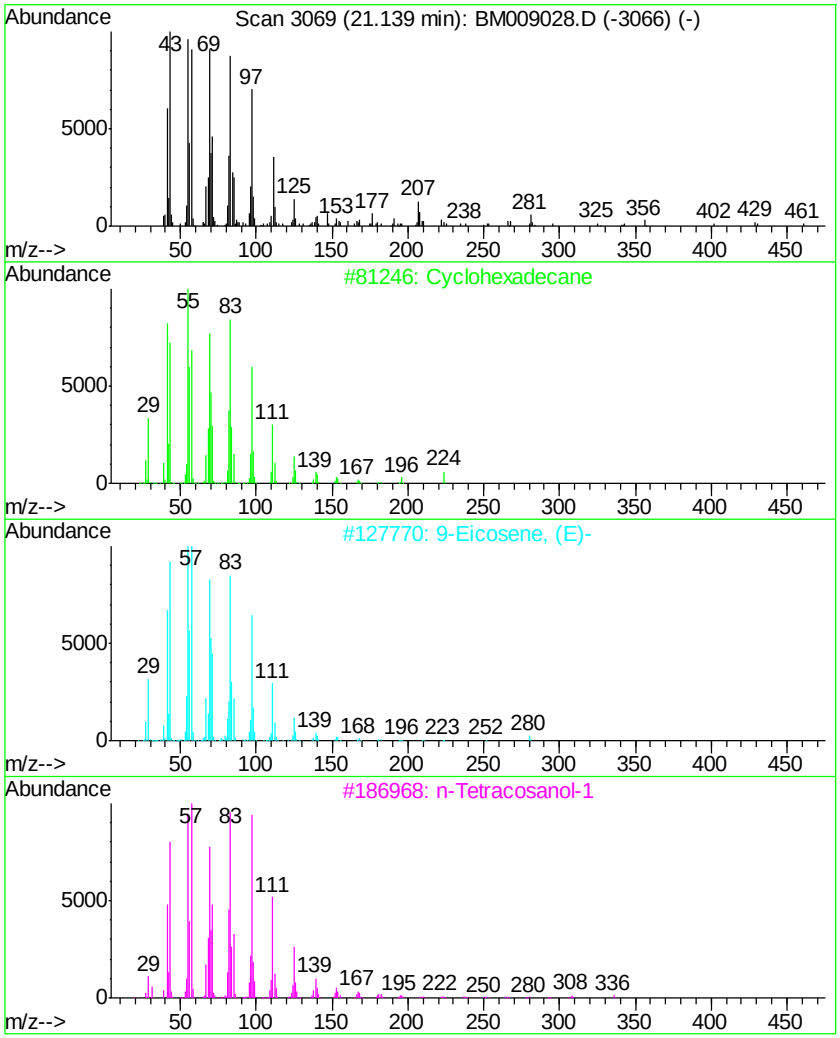
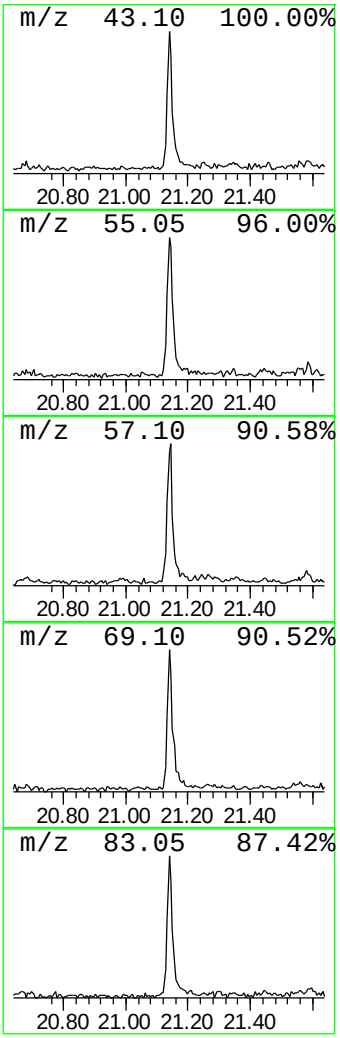
Peak Number 2 (DEL) Alkane: Cyclic21.14 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	2.31 ng/ul	435036	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	93
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	93





Tentatively Identified Compound (LSC) summary

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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DABR1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.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	18.16	2.9	ng/ul	431862	4	17.29	2970420	20.0
(DEL) Alkane: Cyc...	21.14	2.3	ng/ul	435036	5	21.46	3761110	20.0