LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013933.D
Acq On : 28 Jan 2018 21:39
Operator : SJ/JU
Sample : J1295-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C17

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-BM011018.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	3.140	22	26	30	rBV	44928	49991	1.28%	0.113%
2	6.763	636	642	654	rBV	771679	1351363	34.47%	3.046%
3	6.922	662	669	681	rVB	563972	871392	22.23%	1.964%
4	7.110	696	701	716	rVB	833705	1321419	33.71%	2.978%
5	7.575	774	780	789	rBV	513482	836360	21.34%	1.885%
6	8.293	892	902	915	rBV	974061	1634652	41.70%	3.684%
7	8.734	970	977	990	rBV	858604	1380271	35.21%	3.111%
8	9.128	1038	1044	1054	rBV3	33980	58412	1.49%	0.132%
9	9.445	1092	1098	1112	rBV	727141	1239212	31.61%	2.793%
10	9.981	1182	1189	1202	rBV	978625	1774640	45.27%	4.000%
11	10.351	1245	1252	1261	rVB	700476	1133063	28.90%	2.554%
12	10.498	1270	1277	1295	rBV	860601	1634329	41.69%	3.684%
13	12.939	1687	1692	1700	rBV2	52594	78514	2.00%	0.177%
14	13.651	1806	1813	1817	rBV	1907673	2582675	65.88%	5.821%
15	13.698	1817	1821	1828	rVB	390008	581070	14.82%	1.310%
16	13.922	1849	1859	1869	rBV	2100788	3049763	77.80%	6.874%
17	14.133	1889	1895	1900	rBV	65487	90869	2.32%	0.205%
18	14.227	1904	1911	1920	rVV2	983459	1508900	38.49%	3.401%
19	14.463	1946	1951	1967	rBV	419140	928003	23.67%	2.092%
20	15.092	2054	2058	2063	rVB	83814	106016	2.70%	0.239%
21	15.233	2075	2082	2089	rBV	2544787	3623530	92.44%	8.167%
22	15.374	2100	2106	2118	rBV	612850	957785	24.43%	2.159%
23	15.474	2119	2123	2126	rBV3	34087	52968	1.35%	0.119%
24	15.957	2200	2205	2212	rBV2	78122	121847	3.11%	0.275%
25	16.651	2318	2323	2328	rBV5	30831	53780	1.37%	0.121%
26	16.986	2374	2380	2386	rBV	1266134	1766732	45.07%	3.982%
27	17.086	2389	2397	2407	rBV2	2617244	3795842	96.83%	8.556%
28	17.892	2527	2534	2542	rBV2	182271	286299	7.30%	0.645%
29	19.033	2722	2728	2730	rBV2	31936	46785	1.19%	0.105%
30	19.180	2749	2753	2759	rBV5	69250	102793	2.62%	0.232%
31	19.386	2782	2788	2795	rBV	2834427	3919977	100.00%	8.835%
32	20.909	3042	3047	3055	rBV4	180579	342762	8.74%	0.773%
33	21.186	3089	3094	3103	rBV2	1223602	1769462	45.14%	3.988%
34	23.233	3436	3442	3453	rVB2	2009640	3667164	93.55%	8.266%

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35	23.374	3460	3466	3476	rVB	835092	1648417	42.05%	3.715%

Sum of corrected areas: 44367057

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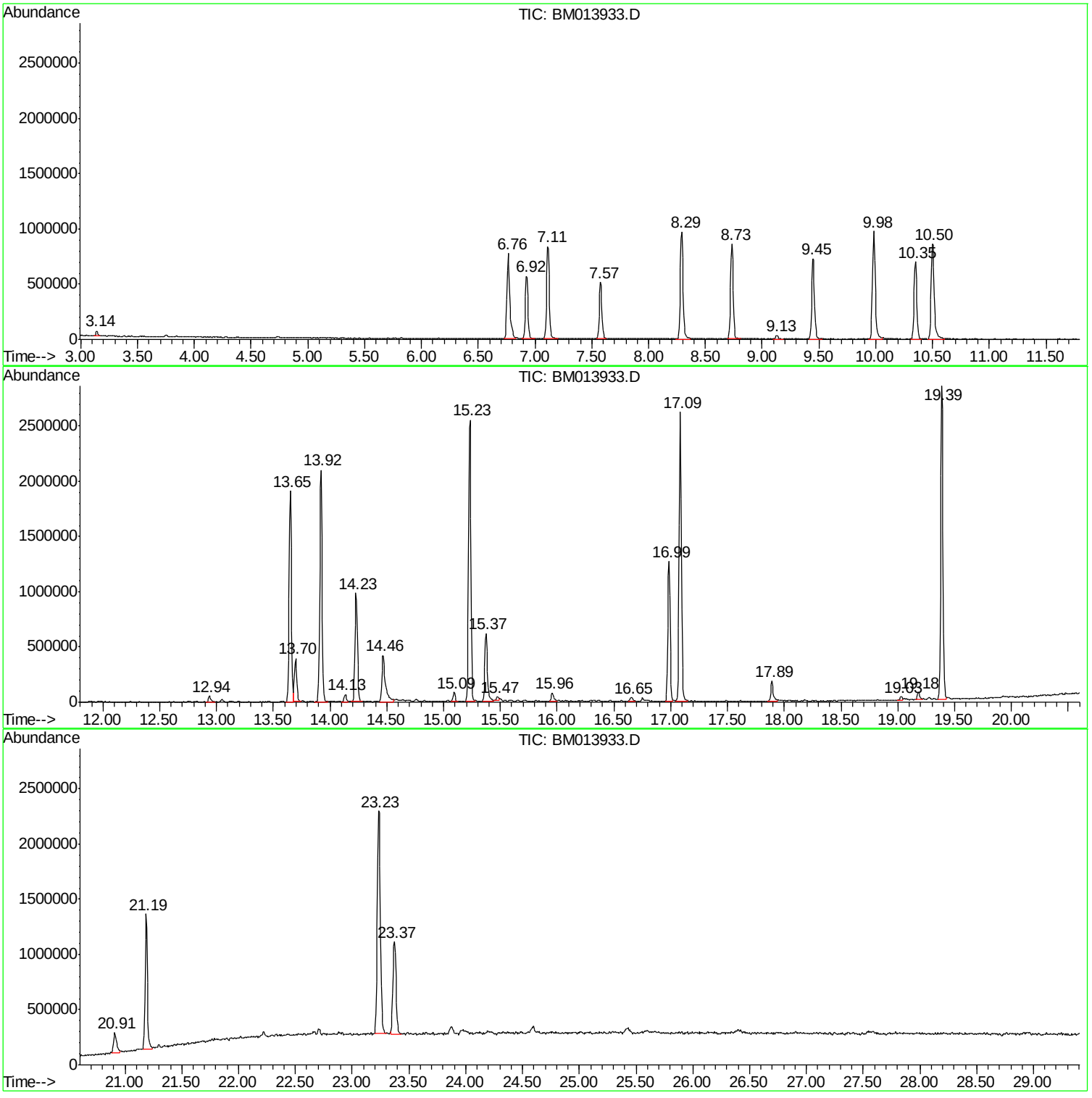
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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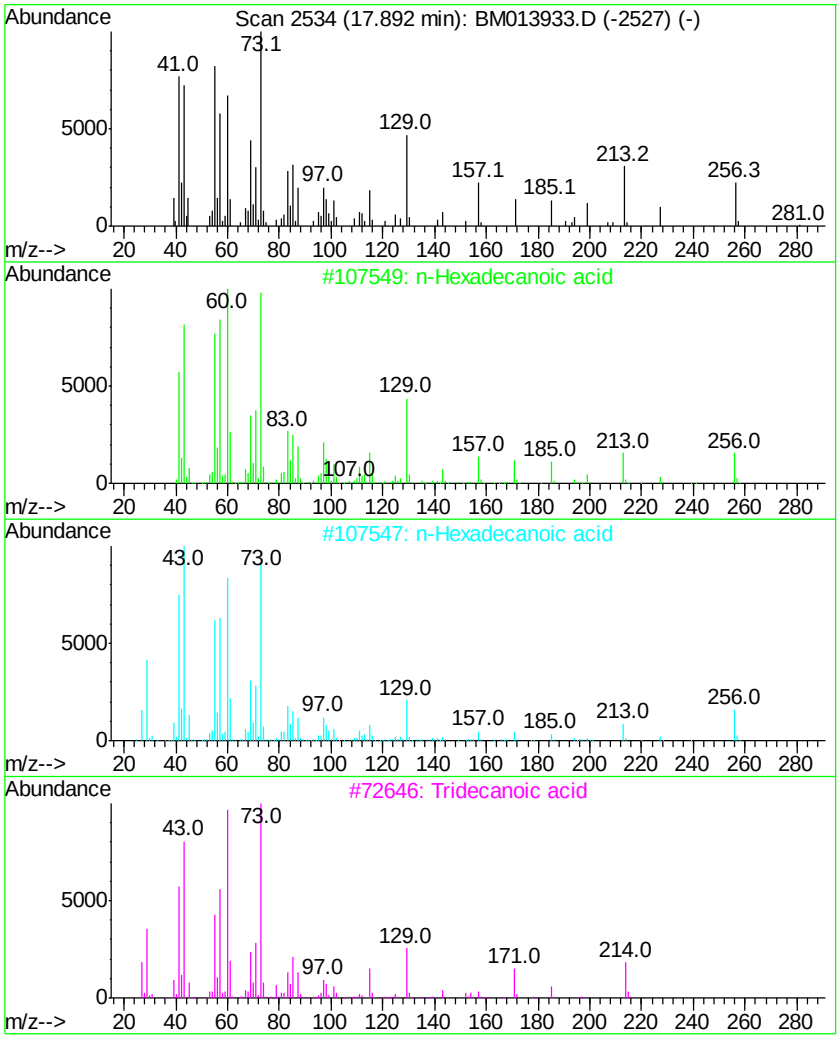
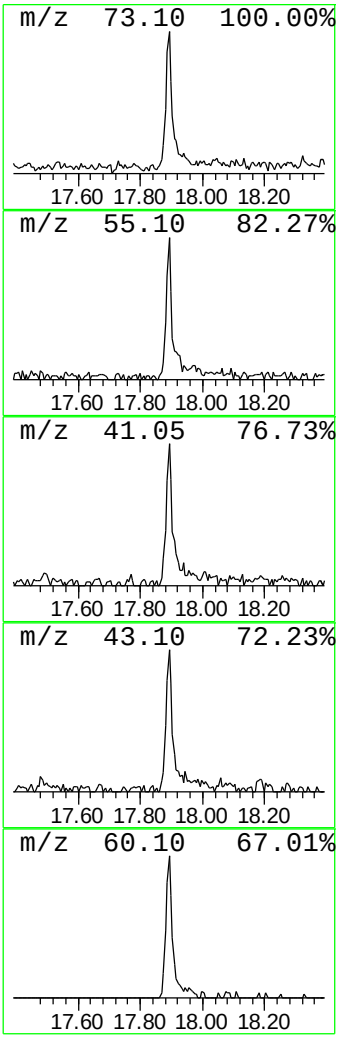
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.24 ng/ul	286299	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	50





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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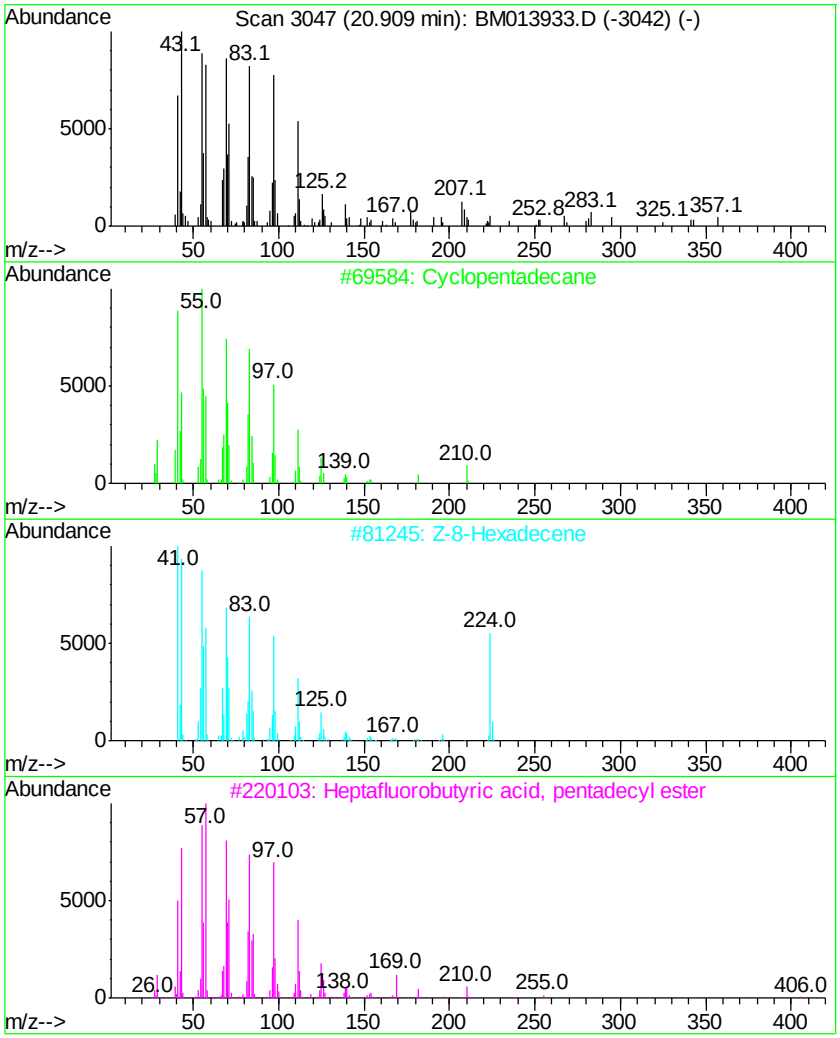
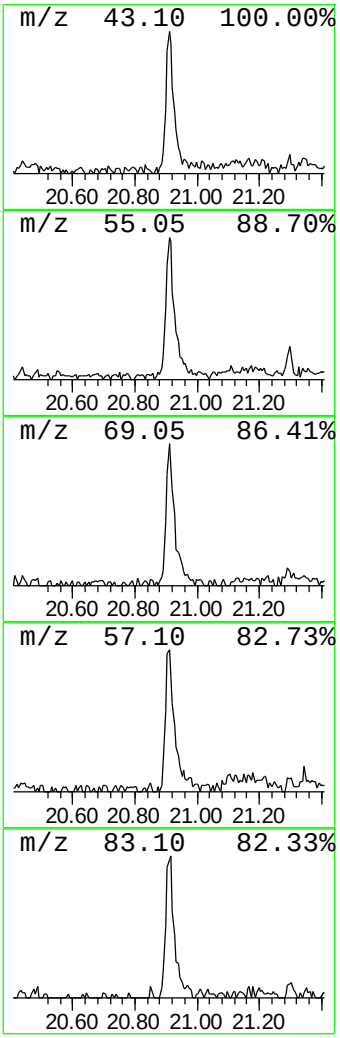
Peak Number 2 (DEL) Alkane: Cyclic20.91 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	3.87 ng/ul	342762	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	Z-8-Hexadecene	224	C16H32	1000130-87-5	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90
5	Behenic alcohol	326	C22H46O	000661-19-8	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
ClientSampleId : F6C17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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	17.89	3.2	ng/ul	286299	4	16.99	1766730	20.0
(DEL) Alkane: Cyc...	20.91	3.9	ng/ul	342762	5	21.19	1769460	20.0