LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020217\
Data File : BM008955.D
Acq On : 02 Feb 2017 10:53
Operator : SJ/MA
Sample : I1449-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0FH2

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-BM013017.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	3.369	131	133	138	rVB4	14500	20597	1.48%	0.122%
2	7.063	754	761	771	rBV2	334503	617456	44.41%	3.657%
3	7.246	784	792	798	rBV	192144	301463	21.68%	1.785%
4	7.440	819	825	835	rVB2	313514	487316	35.05%	2.886%
5	7.910	900	905	912	rBV	311387	502452	36.14%	2.975%
6	8.604	1017	1023	1034	rBV2	334236	537797	38.68%	3.185%
7	9.075	1097	1103	1111	rBV	323697	532030	38.26%	3.151%
8	9.798	1219	1226	1233	rVB	280484	456697	32.85%	2.705%
9	10.328	1309	1316	1324	rBV	355169	570283	41.02%	3.377%
10	10.716	1371	1382	1389	rBV	380370	626929	45.09%	3.713%
11	10.851	1398	1405	1412	rBV2	305940	525482	37.79%	3.112%
12	13.957	1927	1933	1937	rBV	600687	798160	57.40%	4.727%
13	13.998	1937	1940	1947	rVB	90936	128330	9.23%	0.760%
14	14.245	1975	1982	1993	rBV	546696	802162	57.69%	4.750%
15	14.551	2028	2034	2041	rVB	513507	748262	53.82%	4.431%
16	14.733	2058	2065	2079	rBV	314353	469894	33.80%	2.783%
17	15.380	2170	2175	2180	rVB	27493	37839	2.72%	0.224%
18	15.545	2197	2203	2212	rVB	674141	1004305	72.23%	5.947%
19	15.657	2216	2222	2228	rVV	269977	380157	27.34%	2.251%
20	15.780	2237	2243	2248	rBV5	14302	25948	1.87%	0.154%
21	16.239	2317	2321	2331	rBV2	36374	64757	4.66%	0.383%
22	17.033	2451	2456	2459	rBV2	31459	35789	2.57%	0.212%
23	17.080	2459	2464	2470	rVB4	11605	16991	1.22%	0.101%
24	17.298	2495	2501	2507	rBV	638837	902826	64.93%	5.346%
25	17.392	2510	2517	2524	rVV2	754682	1096733	78.88%	6.495%
26	17.774	2576	2582	2585	rVB4	11396	15313	1.10%	0.091%
27	18.162	2644	2648	2656	rBV2	92102	128951	9.27%	0.764%
28	19.439	2861	2865	2870	rBV2	87652	100291	7.21%	0.594%
29	19.568	2884	2887	2891	rBV2	9635	16821	1.21%	0.100%
30	19.686	2900	2907	2913	rVB	879449	1225635	88.15%	7.258%
31	20.586	3055	3060	3063	rBV7	22430	31390	2.26%	0.186%
32	21.156	3153	3157	3163	rBV4	87532	125703	9.04%	0.744%
33	21.462	3205	3209	3217	rBV	823315	1053541	75.77%	6.239%
34	23.668	3577	3584	3592	rBV2	684374	1390422	100.00%	8.234%

LSC Area Percent Report

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Title : SVOA CALIBRATION

35	23.821	3603	3610	3618	rVB	574295	1107639	79.66%	6.559%

Sum of corrected areas: 16886361

LSC Report - Integrated Chromatogram

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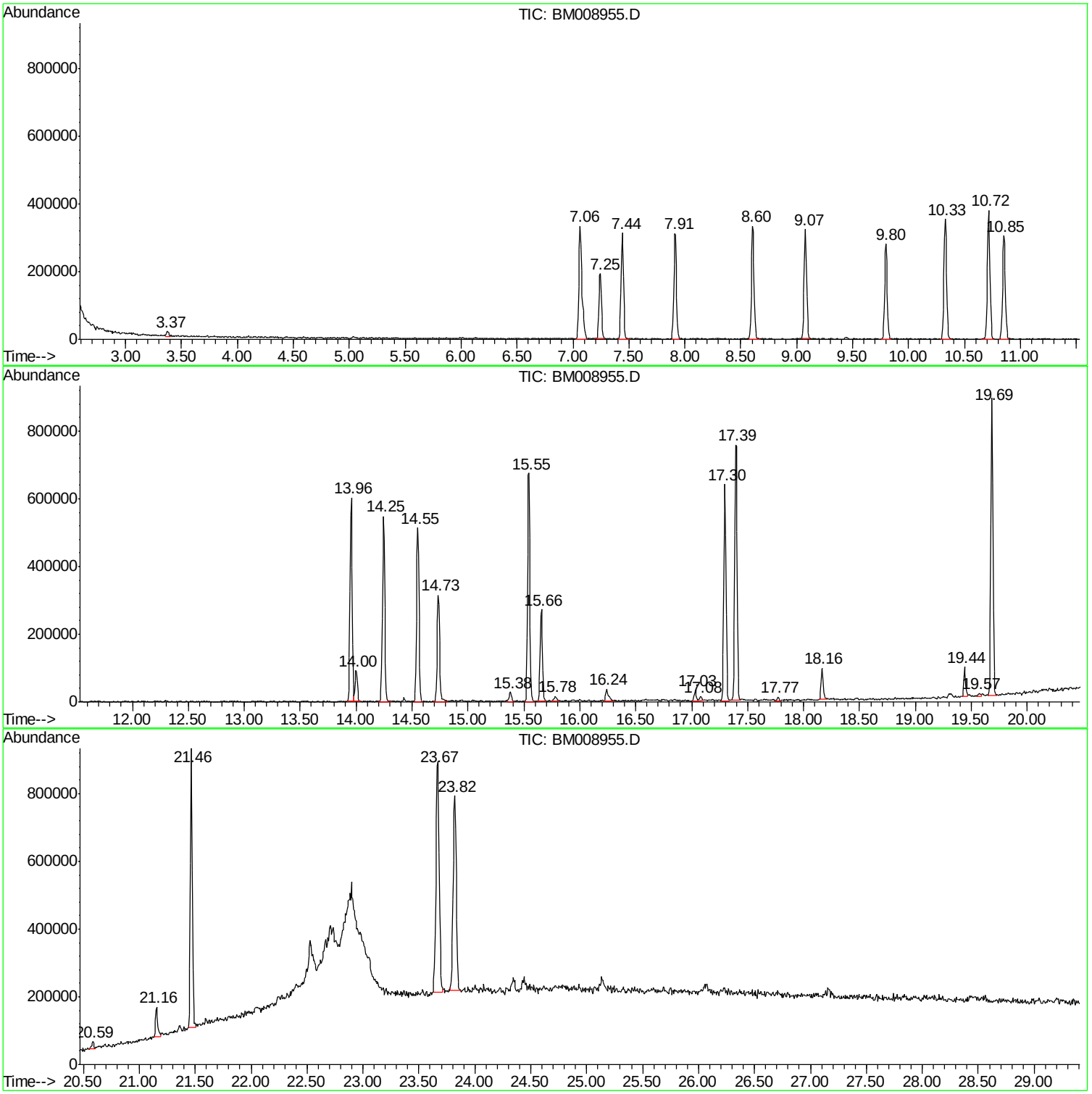
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0FH2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.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\BM020217\
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Operator : SJ/MA
Sample : I1449-07
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

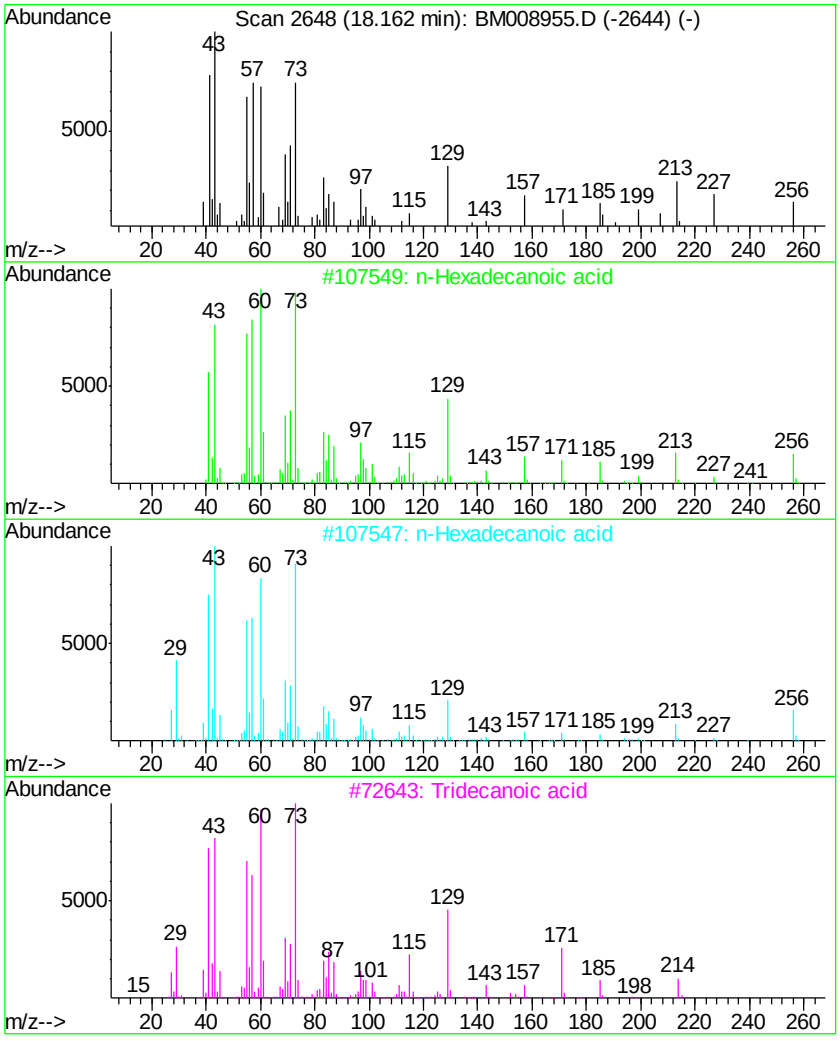
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

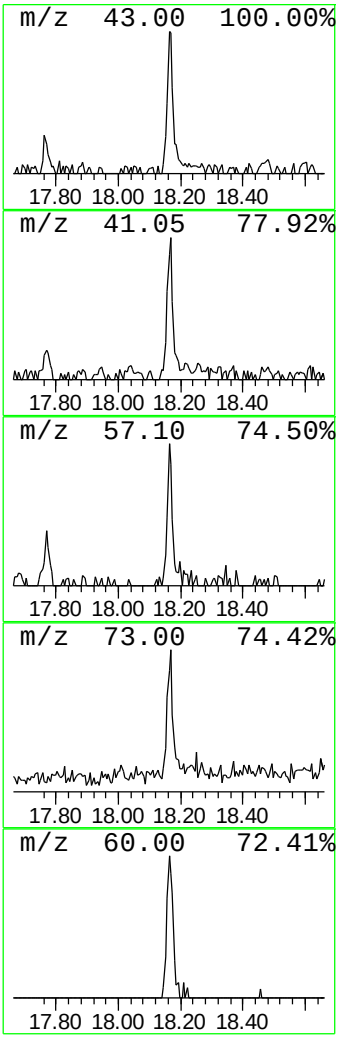
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.86 ng/ul	128951	Phenanthrene-d10	17.30

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	60
3	Tridecanoic acid	214	C13H26O2	000638-53-9	55
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





Library Search Compound Report

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ClientSampleId : H0FH2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

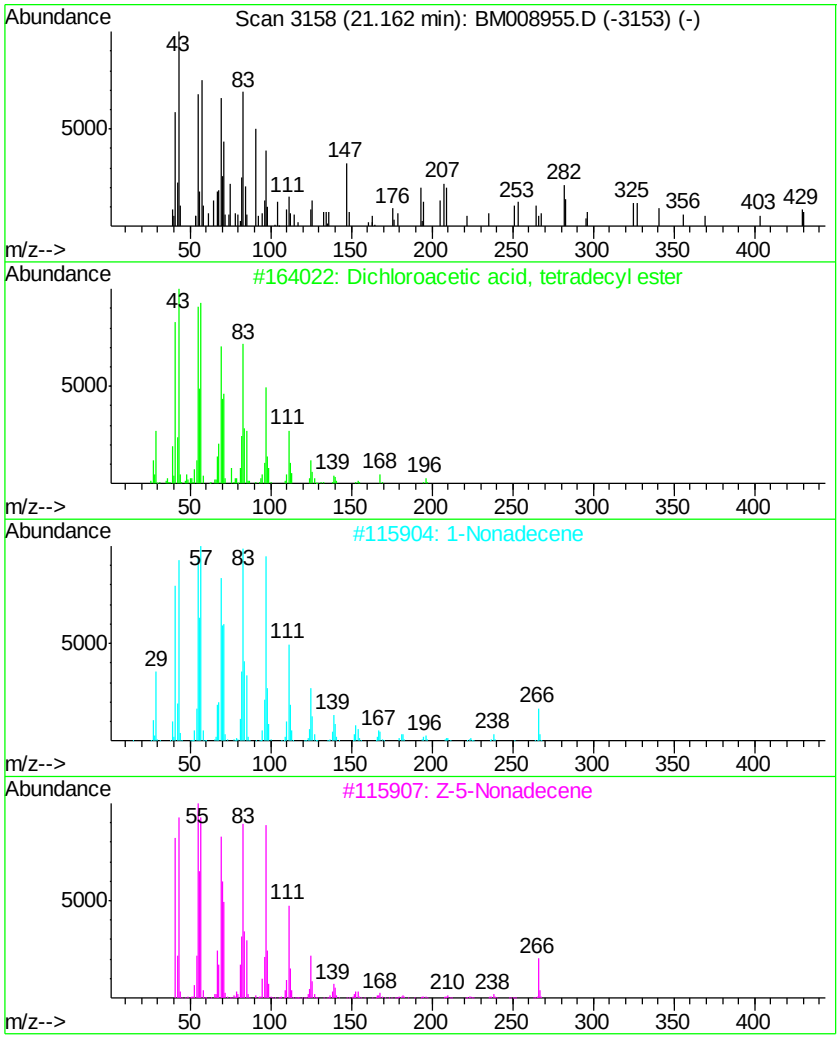
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

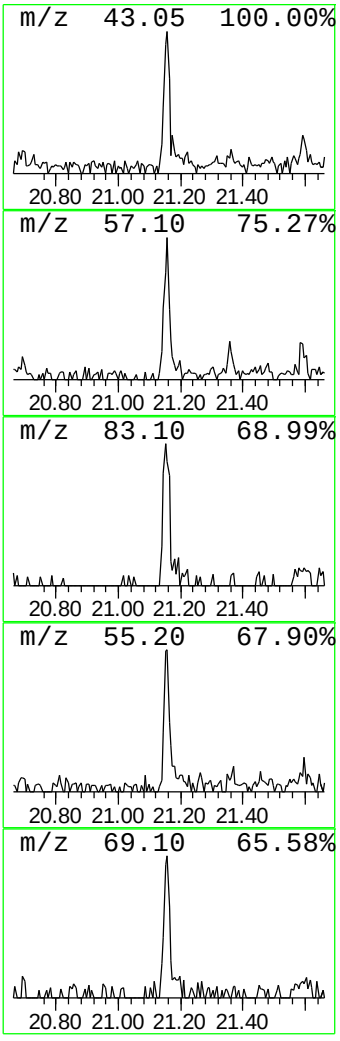
****

Peak Number 2 Dichloroacetic acid, tetrad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.39 ng/ul	125703	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	72
2	1-Nonadecene	266	C19H38	018435-45-5	64
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	64
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	62
5	1-Octadecene	252	C18H36	000112-88-9	58





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.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	128951	4	17.30	902826	20.0
Dichloroacetic ac...	21.16	2.4	ng/ul	125703	5	21.46	1053540	20.0