LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013117\
Data File : BM008950.D
Acq On : 31 Jan 2017 21:27
Operator : SJ/MA
Sample : I1460-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDNR3

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	2.822	37	40	44	rVB5	16633	23665	1.93%	0.142%
2	2.911	51	55	58	rBV5	17432	24140	1.97%	0.145%
3	2.958	60	63	68	rVB	48325	57471	4.69%	0.345%
4	3.040	73	77	80	rBV4	19551	26882	2.20%	0.161%
5	3.375	131	134	140	rVB2	15366	19429	1.59%	0.117%
6	3.863	212	217	219	rBV3	19093	24251	1.98%	0.146%
7	6.410	644	650	654	rBV4	9298	15401	1.26%	0.093%
8	7.063	754	761	774	rVB	309117	549395	44.86%	3.300%
9	7.246	784	792	803	rVB	178977	291401	23.80%	1.750%
10	7.440	820	825	833	rVB	295112	466152	38.07%	2.800%
11	7.916	899	906	912	rBV	327818	522346	42.65%	3.137%
12	8.604	1016	1023	1032	rBV	308941	498487	40.71%	2.994%
13	9.081	1097	1104	1110	rBV	295143	494687	40.40%	2.971%
14	9.798	1218	1226	1233	rBV2	255367	414280	33.83%	2.488%
15	10.328	1309	1316	1326	rBV3	333253	562688	45.95%	3.380%
16	10.716	1376	1382	1392	rVB	384870	644003	52.59%	3.868%
17	10.851	1399	1405	1415	rBV	196443	343662	28.06%	2.064%
18	13.957	1927	1933	1937	rBV	504236	688179	56.20%	4.133%
19	14.004	1937	1941	1946	rVB	169435	223648	18.26%	1.343%
20	14.245	1976	1982	1989	rBV	517270	756691	61.79%	4.545%
21	14.433	2007	2014	2018	rBV3	7493	12464	1.02%	0.075%
22	14.551	2028	2034	2043	rVB	531968	776934	63.44%	4.666%
23	14.733	2060	2065	2074	rBV	265657	395192	32.27%	2.374%
24	14.945	2095	2101	2105	rBV3	9582	13397	1.09%	0.080%
25	15.380	2170	2175	2179	rBV2	24836	33226	2.71%	0.200%
26	15.545	2197	2203	2209	rBV	662072	941615	76.89%	5.656%
27	15.657	2216	2222	2228	rVB2	225640	313751	25.62%	1.884%
28	15.780	2234	2243	2248	rBV5	16998	26357	2.15%	0.158%
29	16.239	2316	2321	2325	rBV4	37977	61527	5.02%	0.370%
30	16.680	2392	2396	2403	rVB5	8618	19359	1.58%	0.116%
31	17.033	2451	2456	2460	rBV3	35398	46758	3.82%	0.281%
32	17.086	2462	2465	2468	rVB4	10531	13566	1.11%	0.081%
33	17.174	2475	2480	2485	rVB6	7511	12581	1.03%	0.076%
34	17.298	2494	2501	2509	rBV	696007	940841	76.83%	5.651%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I1460-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDNR3

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

35	17.398	2511	2518	2525	rVV	767696	1056490	86.27%	6.346%
36	17.768	2577	2581	2585	rVB4	29820	33836	2.76%	0.203%
37	18.051	2625	2629	2631	rBV4	9654	14964	1.22%	0.090%
38	18.110	2635	2639	2644	rBV5	25338	35406	2.89%	0.213%
39	18.168	2644	2649	2655	rBV2	150216	193370	15.79%	1.161%
40	18.463	2695	2699	2707	rBV8	11081	22359	1.83%	0.134%
41	19.098	2802	2807	2809	rBV5	7745	12259	1.00%	0.074%
42	19.298	2836	2841	2843	rBV5	18322	23852	1.95%	0.143%
43	19.321	2843	2845	2849	rVB4	27969	34014	2.78%	0.204%
44	19.445	2862	2866	2870	rBV3	95763	124999	10.21%	0.751%
45	19.686	2898	2907	2912	rBV	922378	1224607	100.00%	7.355%
46	19.833	2929	2932	2938	rVB5	45960	52912	4.32%	0.318%
47	19.998	2957	2960	2962	rBV3	33539	33717	2.75%	0.203%
48	20.033	2962	2966	2971	rVB2	32583	43060	3.52%	0.259%
49	21.156	3153	3157	3162	rBV5	110465	150116	12.26%	0.902%
50	21.468	3205	3210	3217	rBV	917665	1150476	93.95%	6.910%
51	23.056	3478	3480	3486	rBV7	41537	63013	5.15%	0.378%
52	23.668	3578	3584	3592	rVB	535980	1090005	89.01%	6.547%
53	23.827	3604	3611	3618	rBV	511181	1035460	84.55%	6.219%

Sum of corrected areas: 16649341

LSC Report - Integrated Chromatogram

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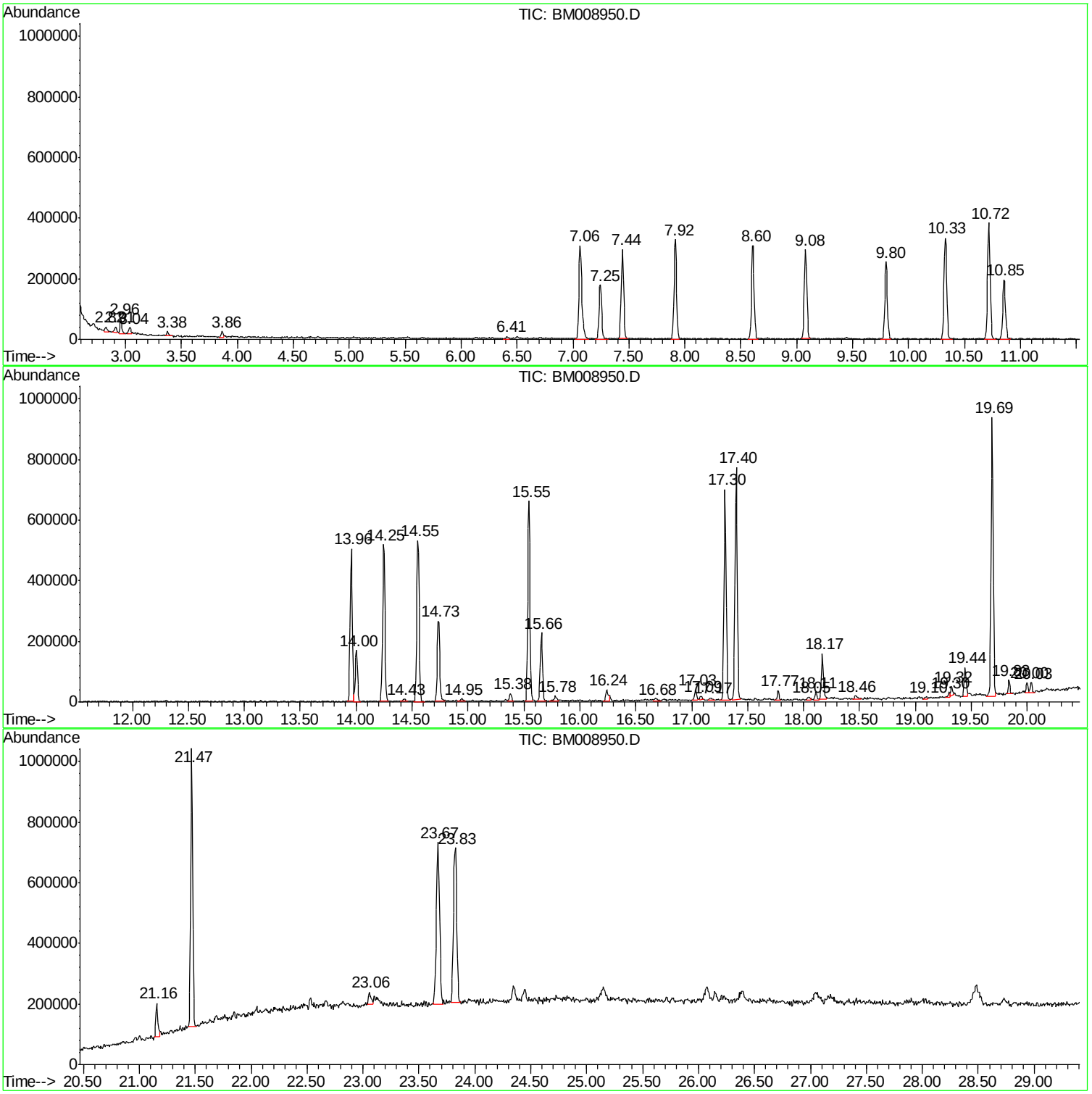
Data File : BM008950.D
Acq On : 31 Jan 2017 21:27
Operator : SJ/MA
Sample : I1460-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDNR3

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\BM013117\
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Acq On : 31 Jan 2017 21:27
Operator : SJ/MA
Sample : I1460-18
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDNR3

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

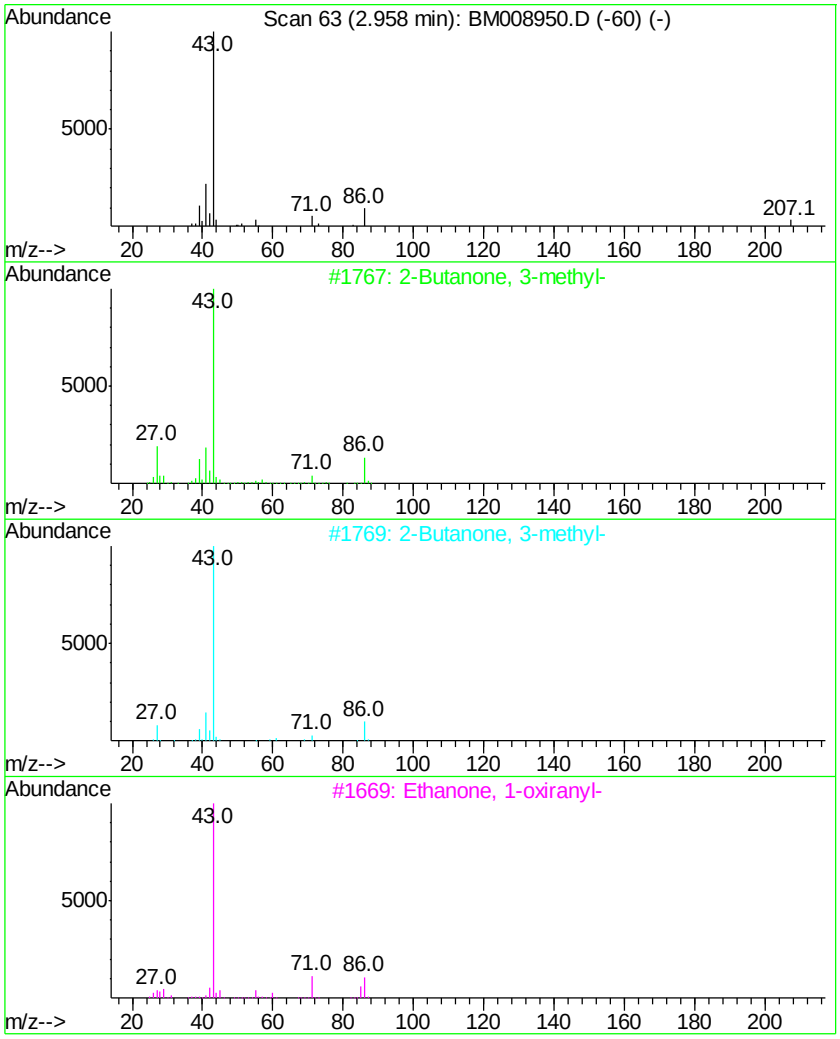
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

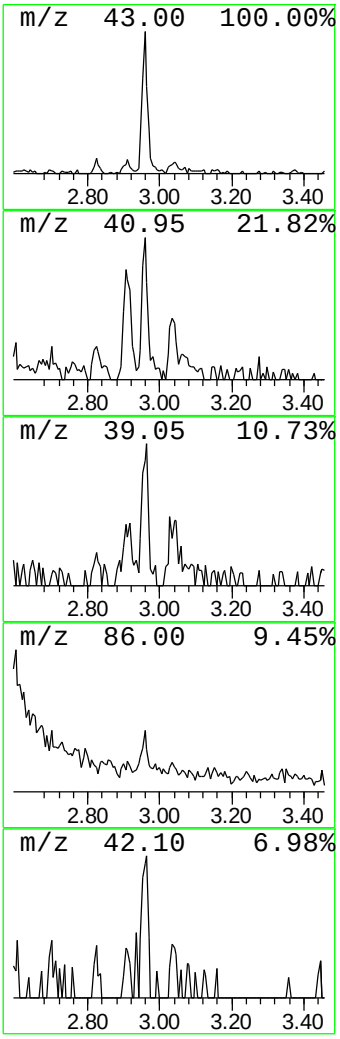
****

Peak Number 1 2-Butanone, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	2.20 ng/ul	57471	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	59
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	42
3	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	9
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
5	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	7





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Sample : I1460-18
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Instrument : BNA_M
ClientSampleId : BDNR3

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

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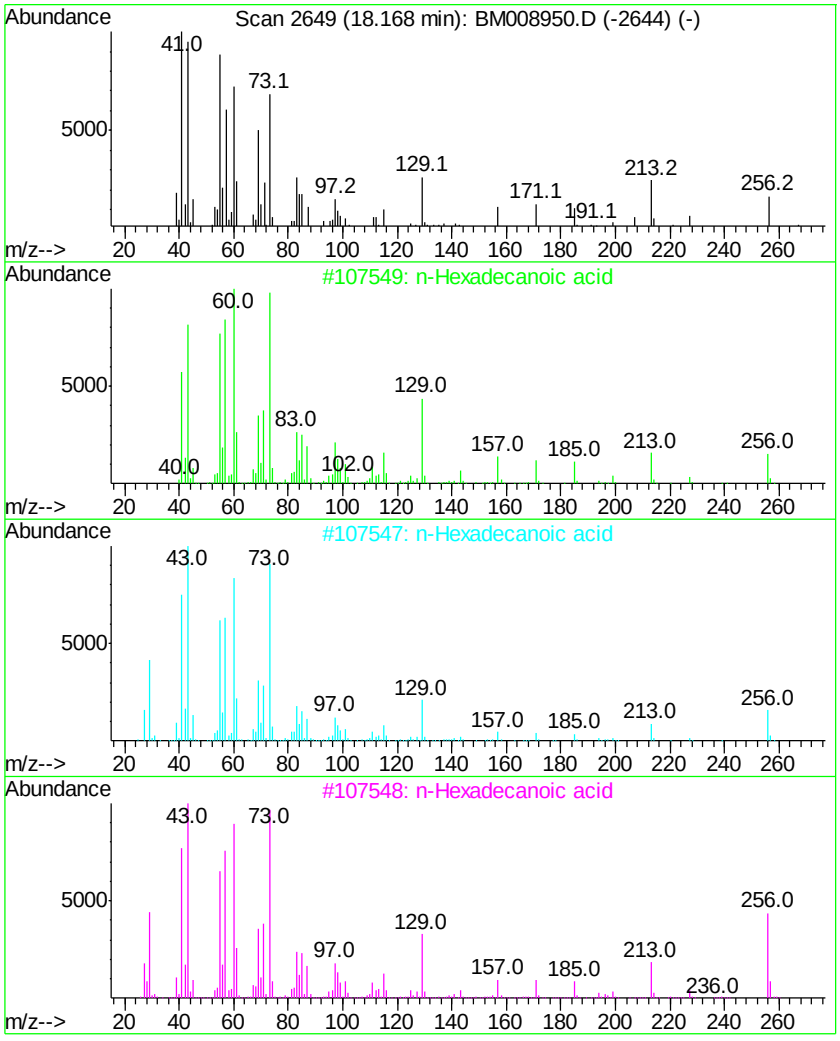
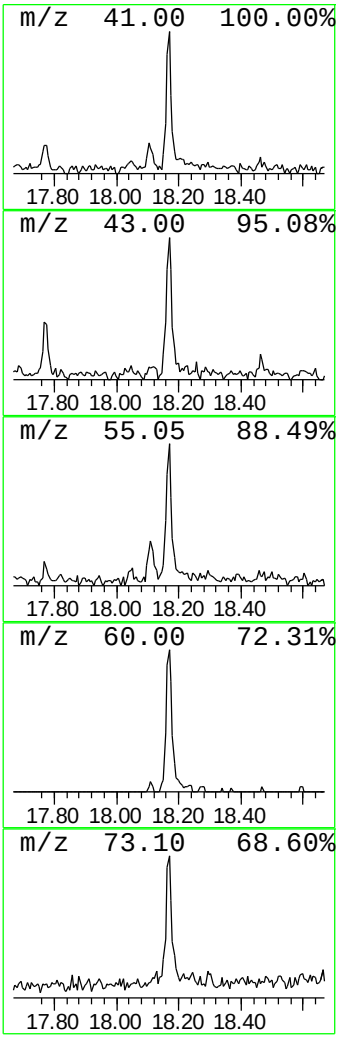
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	4.11 ng/ul	193370	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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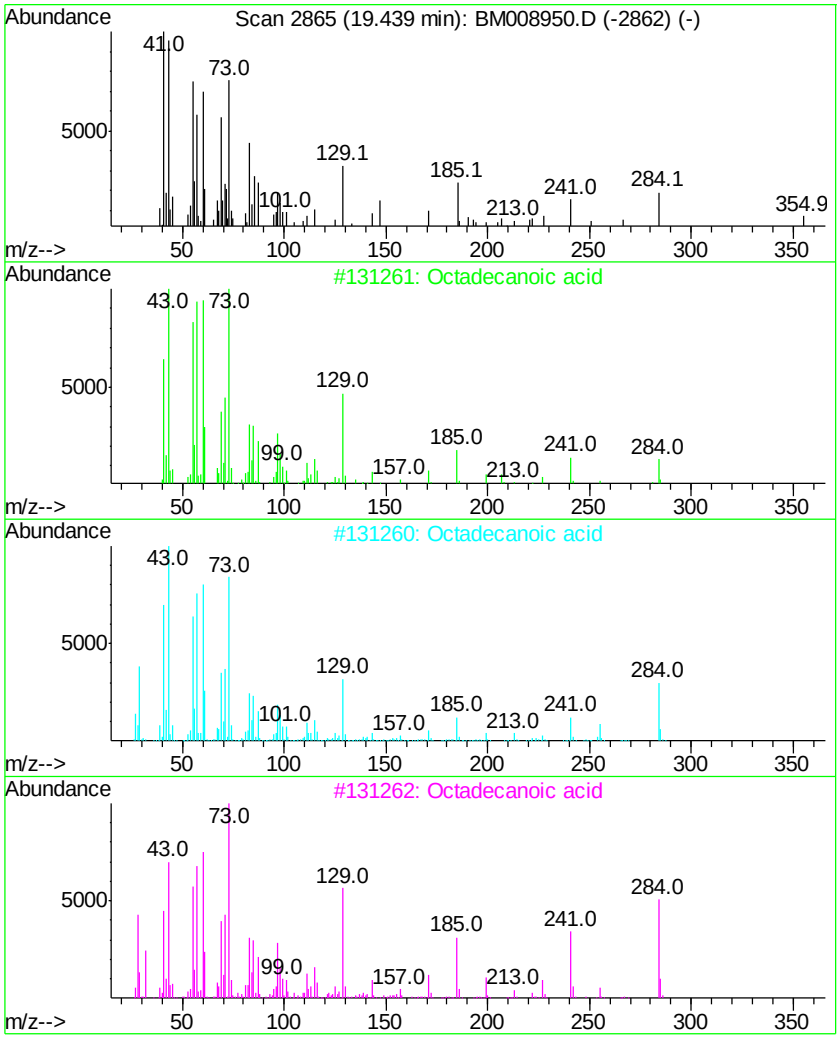
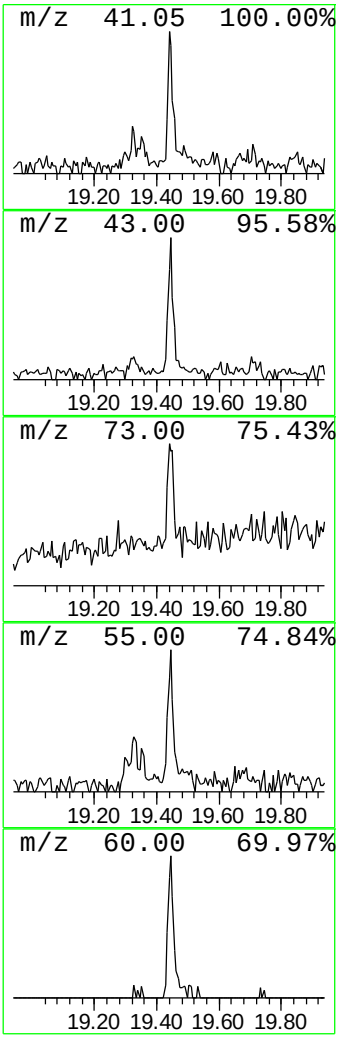
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	2.17 ng/ul	124999	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	60
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	50





Library Search Compound Report

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Sample : I1460-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDNR3

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

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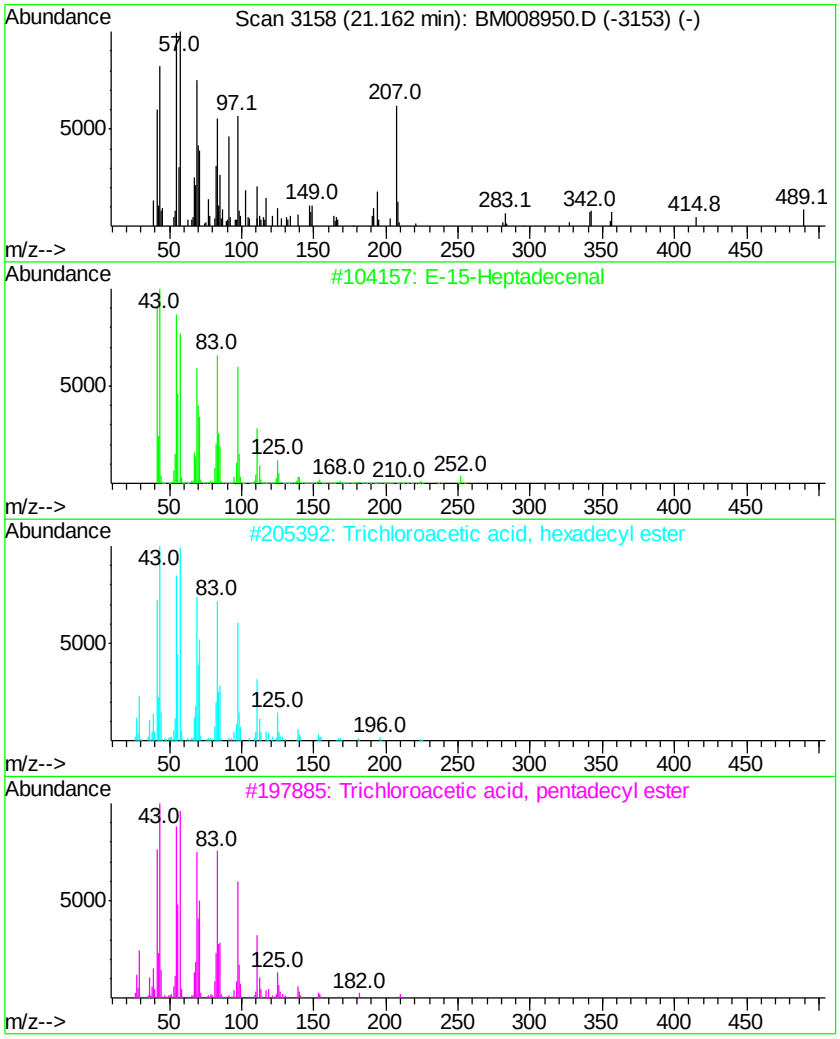
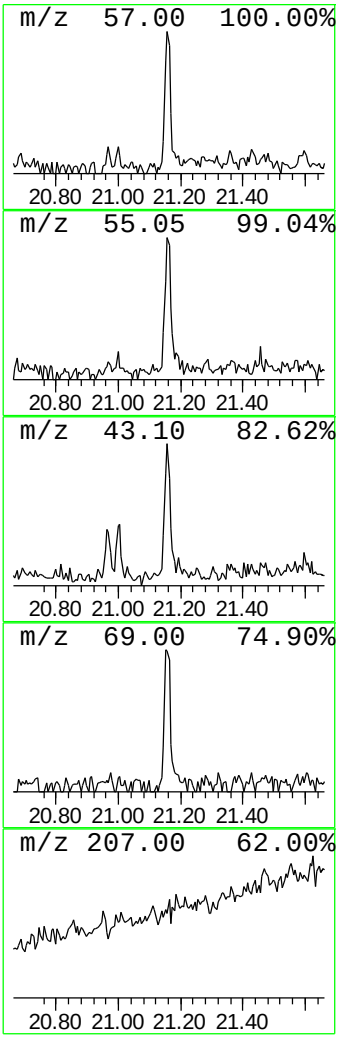
Peak Number 4 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.61 ng/ul	150116	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	86
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	78
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	76





Tentatively Identified Compound (LSC) summary

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ClientSampleId : BDNR3

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
2-Butanone, 3-met...	2.96	2.2	ng/ul	57471	1	7.92	522346	20.0
n-Hexadecanoic acid	18.17	4.1	ng/ul	193370	4	17.30	940841	20.0
Octadecanoic acid	19.44	2.2	ng/ul	124999	5	21.47	1150480	20.0
E-15-Heptadecenal	21.16	2.6	ng/ul	150116	5	21.47	1150480	20.0