LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020217\
Data File : BM008962.D
Acq On : 02 Feb 2017 15:04
Operator : SJ/MA
Sample : I1495-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDNR6

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	2.710	17	21	26	rVB4	21260	36879	2.73%	0.200%
2	2.816	37	39	46	rVB7	15118	21995	1.63%	0.119%
3	2.899	51	53	59	rVB4	14768	20046	1.48%	0.109%
4	2.957	59	63	70	rVB	48085	63582	4.71%	0.345%
5	3.034	73	76	80	rBV4	20308	25060	1.86%	0.136%
6	3.369	131	133	138	rVB3	13321	16635	1.23%	0.090%
7	3.857	212	216	220	rBV5	23952	30251	2.24%	0.164%
8	4.434	308	314	319	rBV4	24854	40734	3.02%	0.221%
9	5.028	411	415	422	rVB	31160	47373	3.51%	0.257%
10	7.063	754	761	772	rBV4	325365	601637	44.56%	3.262%
11	7.239	786	791	798	rVB	184131	283528	21.00%	1.537%
12	7.439	819	825	833	rBV2	295499	475129	35.19%	2.576%
13	7.910	899	905	912	rVB	368354	600196	44.46%	3.254%
14	8.604	1016	1023	1032	rVB2	305816	492690	36.49%	2.671%
15	9.075	1096	1103	1112	rBV	303861	502434	37.22%	2.724%
16	9.798	1218	1226	1232	rBV2	260977	434931	32.22%	2.358%
17	10.328	1309	1316	1324	rBV	370370	572087	42.37%	3.101%
18	10.716	1375	1382	1389	rBV	458789	764295	56.61%	4.144%
19	10.851	1395	1405	1413	rBV2	230269	370917	27.47%	2.011%
20	13.957	1926	1933	1937	rBV	564063	804201	59.57%	4.360%
21	14.004	1937	1941	1945	rVB	81202	108142	8.01%	0.586%
22	14.245	1975	1982	1989	rVB	561770	805900	59.69%	4.369%
23	14.551	2027	2034	2041	rBV	658688	927522	68.70%	5.028%
24	14.733	2059	2065	2077	rBV2	351578	496473	36.77%	2.692%
25	14.939	2093	2100	2105	rBV3	32112	45002	3.33%	0.244%
26	15.374	2171	2174	2180	rVB	23930	30706	2.27%	0.166%
27	15.539	2196	2202	2209	rBV	696934	1009320	74.76%	5.472%
28	15.651	2216	2221	2230	rVB	299647	422901	31.32%	2.293%
29	15.780	2240	2243	2248	rVB5	15343	19669	1.46%	0.107%
30	16.239	2317	2321	2328	rBV3	30661	56542	4.19%	0.307%
31	16.304	2329	2332	2337	rVB2	9140	13740	1.02%	0.074%
32	16.586	2374	2380	2384	rVB5	42799	63702	4.72%	0.345%
33	17.033	2450	2456	2460	rBV3	27952	41650	3.09%	0.226%
34	17.298	2495	2501	2508	rBV	791932	1155069	85.56%	6.262%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BDNR6

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	17.392	2510	2517	2524	rVV	776079	1138235	84.31%	6.171%
36	17.768	2577	2581	2585	rBV5	9825	15502	1.15%	0.084%
37	18.103	2635	2638	2642	rVV4	24552	26245	1.94%	0.142%
38	18.168	2644	2649	2658	rVV2	170940	233260	17.28%	1.265%
39	18.462	2695	2699	2703	rBV5	9794	15553	1.15%	0.084%
40	19.298	2837	2841	2843	rBV4	21633	29407	2.18%	0.159%
41	19.321	2843	2845	2847	rVV3	34399	39824	2.95%	0.216%
42	19.345	2847	2849	2852	rVB3	18691	18327	1.36%	0.099%
43	19.439	2861	2865	2873	rBV4	122635	182779	13.54%	0.991%
44	19.574	2884	2888	2892	rBV6	12128	21556	1.60%	0.117%
45	19.686	2901	2907	2915	rVB	1015430	1350062	100.00%	7.319%
46	19.892	2939	2942	2946	rBV5	9168	17003	1.26%	0.092%
47	21.156	3153	3157	3162	rBV6	117529	146319	10.84%	0.793%
48	21.462	3204	3209	3219	rVB	1023896	1343427	99.51%	7.283%
49	21.686	3245	3247	3251	rVB5	37859	29389	2.18%	0.159%
50	22.003	3299	3301	3305	rVB5	44246	47621	3.53%	0.258%
51	23.668	3577	3584	3591	rBV	646730	1252264	92.76%	6.789%
52	23.821	3603	3610	3617	rVB	577694	1137814	84.28%	6.169%

Sum of corrected areas: 18445525

LSC Report - Integrated Chromatogram

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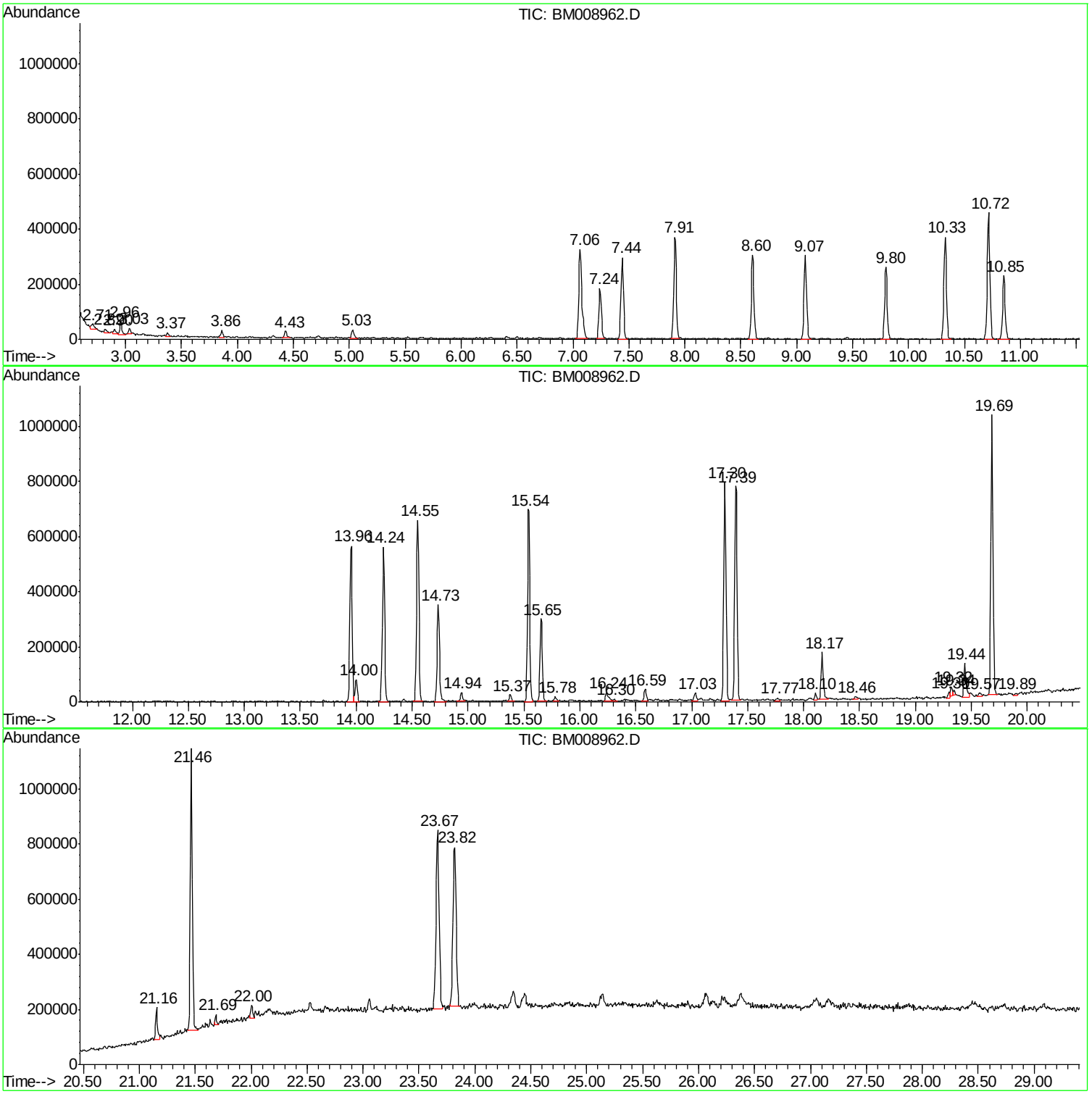
Sample : I1495-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDNR6

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

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Data File : BM008962.D
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Operator : SJ/MA
Sample : I1495-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDNR6

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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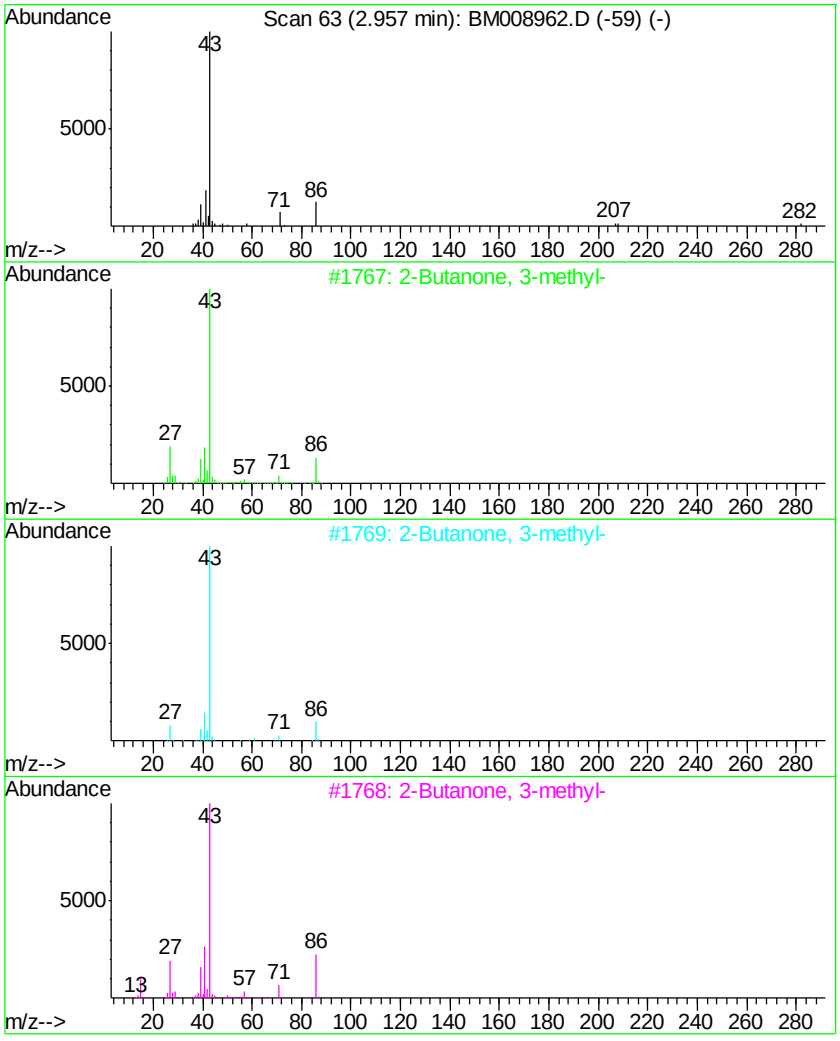
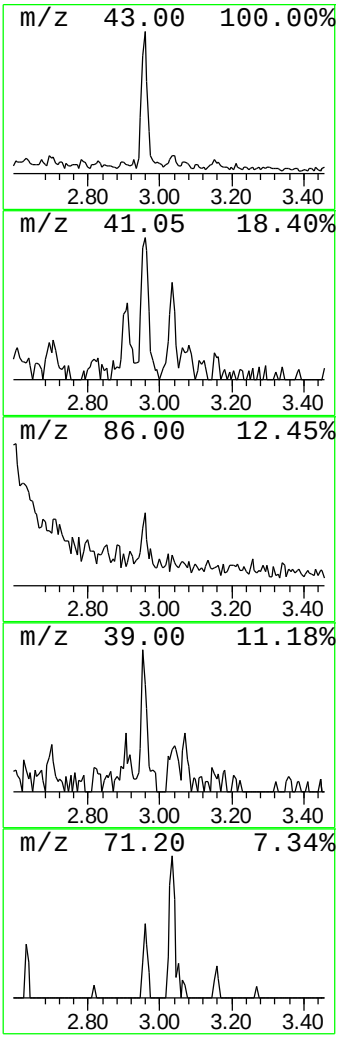
Peak Number 1 2-Butanone, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	2.12 ng/ul	63582	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	53
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	53
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	43
4	3-Aminopyrrolidine	86	C4H10N2	079286-79-6	33
5	2-Pentanone	86	C5H10O	000107-87-9	9





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Instrument : BNA_M
ClientSampleId : BDNR6

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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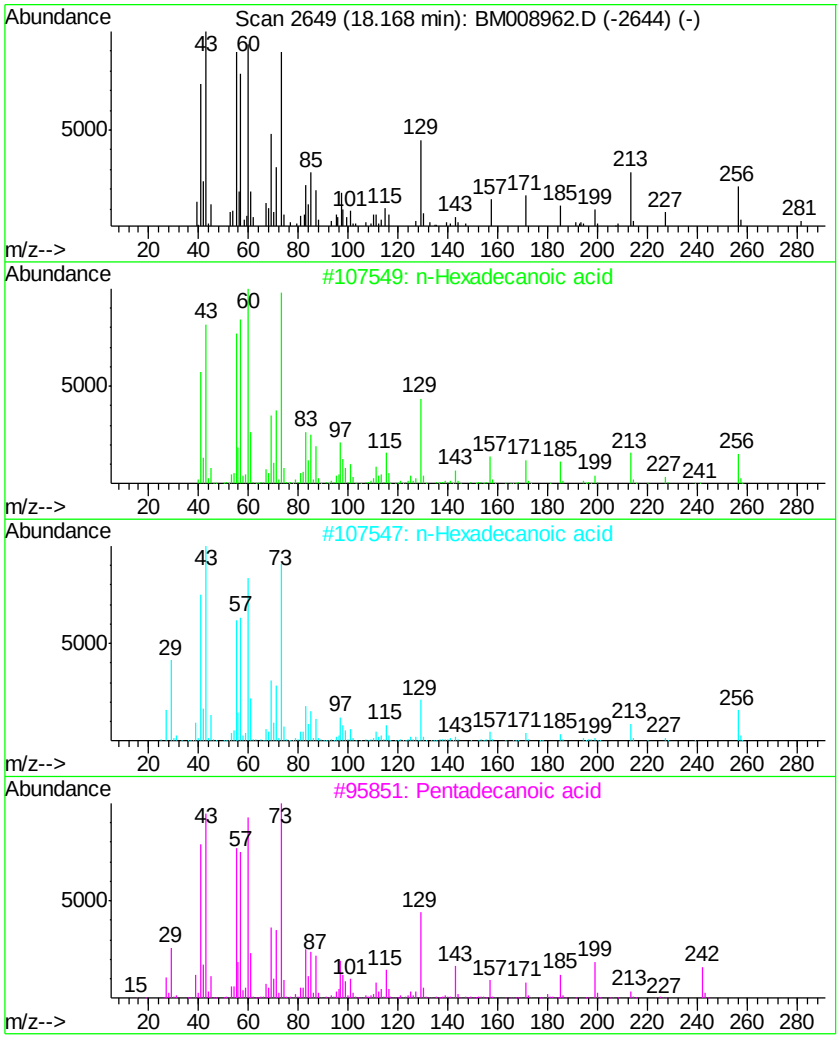
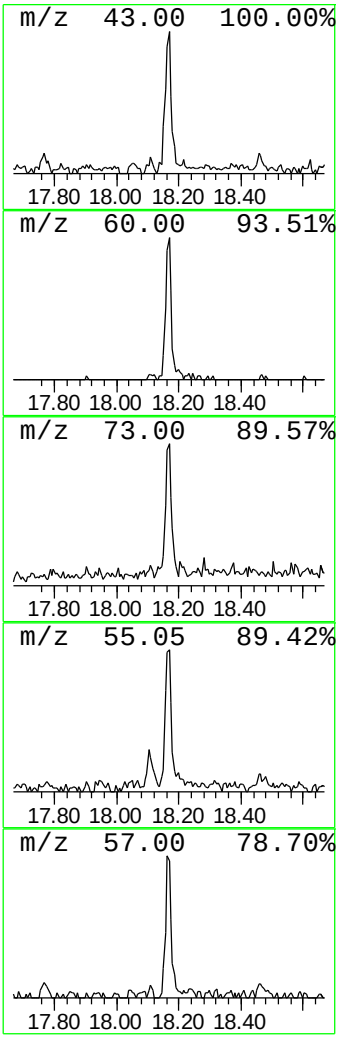
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	4.04 ng/ul	233260	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Library Search Compound Report

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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

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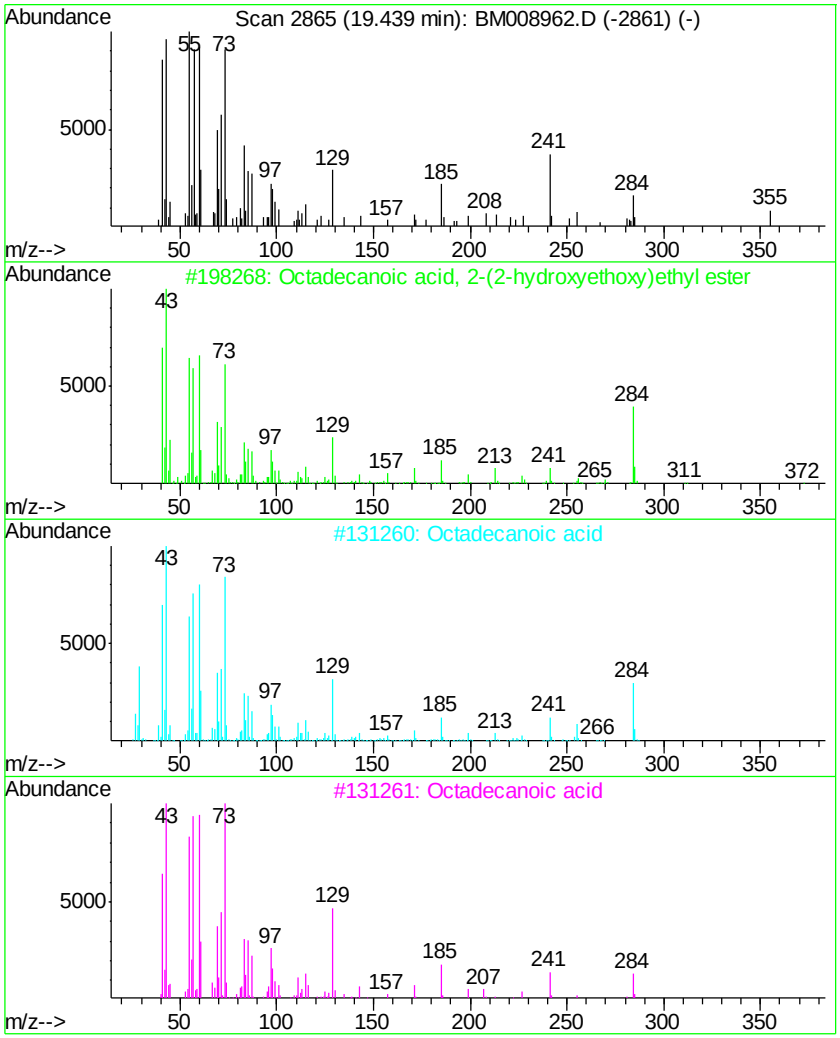
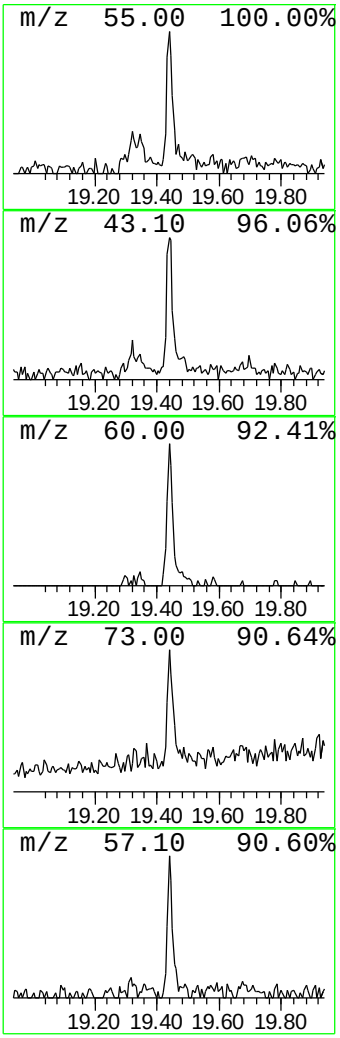
Peak Number 3 Octadecanoic acid, 2-(2-hyd... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	2.72 ng/ul	182779	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
2	Octadecanoic acid	284	C18H36O2	000057-11-4	76
3	Octadecanoic acid	284	C18H36O2	000057-11-4	74
4	Octadecanoic acid	284	C18H36O2	000057-11-4	60
5	Octadecanoic acid	284	C18H36O2	000057-11-4	59





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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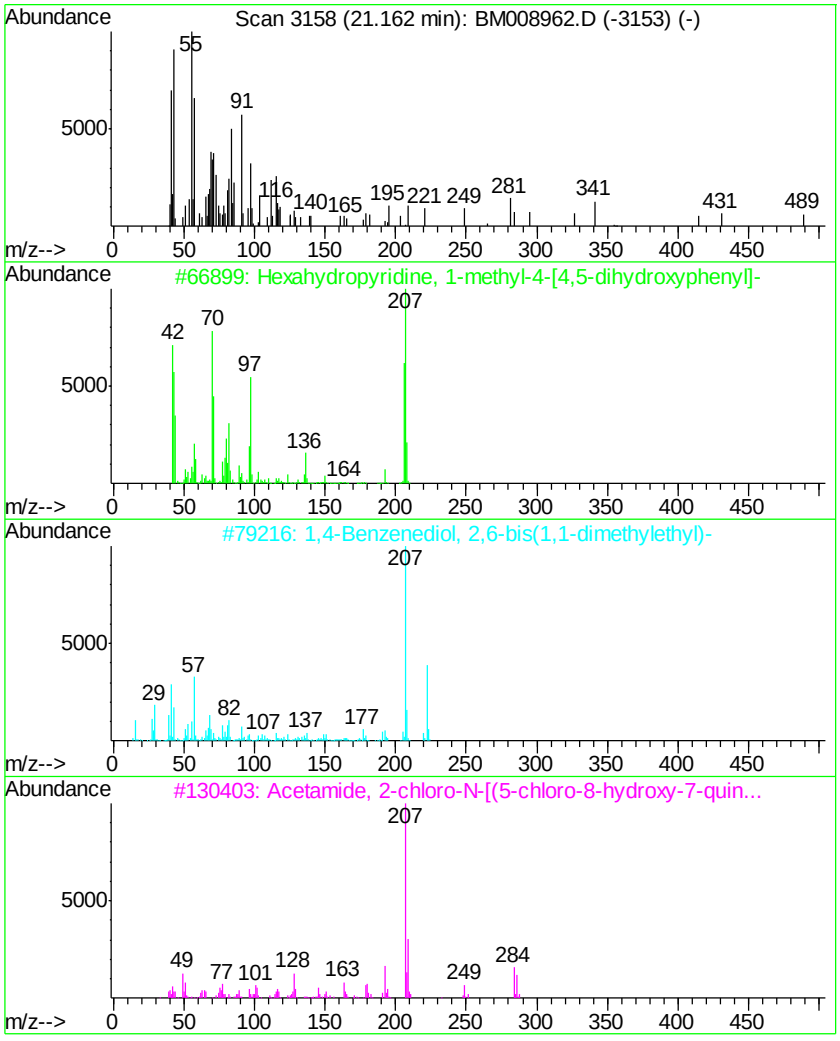
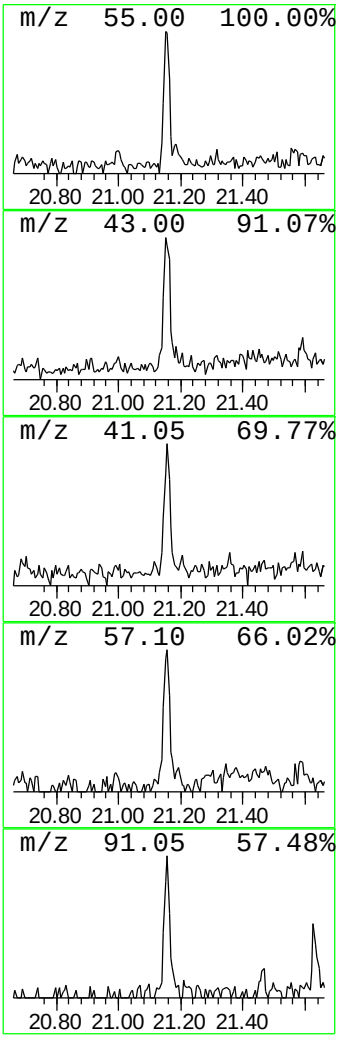
****

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.18 ng/ul	146319	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydropyridine, 1-methyl-4-[4...	207	C12H17NO2	094427-47-1	35
2	1,4-Benzenediol, 2,6-bis(1,1-dim...	222	C14H22O2	002444-28-2	30
3	Acetamide, 2-chloro-N-[(5-chloro...	284	C12H10Cl2N2O2	1000319-73-0	30
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	25
5	1-Nonadecene	266	C19H38	018435-45-5	25





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Butanone, 3-met...	2.96	2.1	ng/ul	63582	1	7.91	600196	20.0
n-Hexadecanoic acid	18.17	4.0	ng/ul	233260	4	17.30	1155070	20.0
Octadecanoic acid...	19.44	2.7	ng/ul	182779	5	21.46	1343430	20.0
unknown-01	21.16	2.2	ng/ul	146319	5	21.46	1343430	20.0