LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014139.D
Acq On : 03 Feb 2018 06:30
Operator : SJ/JU
Sample : J1317-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D10

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-BM013118.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	3.116	19	22	27	rVB5	30314	37587	1.08%	0.089%
2	6.351	566	572	582	rBV4	149467	430536	12.38%	1.019%
3	6.739	632	638	653	rVB	507267	1003149	28.85%	2.374%
4	6.898	660	665	675	rBV	380781	594705	17.10%	1.407%
5	7.086	691	697	708	rBV	580906	941102	27.06%	2.227%
6	7.551	765	776	782	rBV	432757	714577	20.55%	1.691%
7	7.616	782	787	797	rVB	279047	458681	13.19%	1.085%
8	8.269	891	898	913	rBV2	634279	1165426	33.52%	2.758%
9	8.710	966	973	985	rBV	549693	970754	27.92%	2.297%
10	9.422	1087	1094	1107	rBV	473900	916522	26.36%	2.169%
11	9.963	1180	1186	1200	rBV	625425	1238656	35.62%	2.931%
12	10.322	1239	1247	1258	rBV	608221	1033415	29.72%	2.445%
13	10.480	1267	1274	1294	rBV	451609	1056415	30.38%	2.500%
14	13.021	1702	1706	1711	rBV3	23400	36867	1.06%	0.087%
15	13.427	1769	1775	1784	rBV	2023004	2702679	77.73%	6.395%
16	13.627	1802	1809	1814	rBV	1327432	1922853	55.30%	4.550%
17	13.674	1814	1817	1824	rVV	309042	479554	13.79%	1.135%
18	13.898	1847	1855	1867	rBV	1527638	2297944	66.09%	5.438%
19	14.110	1885	1891	1896	rVB2	71614	92573	2.66%	0.219%
20	14.204	1900	1907	1916	rBV2	901485	1432838	41.21%	3.391%
21	14.457	1945	1950	1962	rBV2	301764	792256	22.78%	1.875%
22	15.015	2041	2045	2050	rBV3	27193	36888	1.06%	0.087%
23	15.068	2050	2054	2061	rVB2	78552	109497	3.15%	0.259%
24	15.209	2072	2078	2088	rVB	1801144	2719513	78.21%	6.435%
25	15.357	2097	2103	2114	rBV	451086	772036	22.20%	1.827%
26	15.933	2196	2201	2210	rBV2	73710	133893	3.85%	0.317%
27	16.633	2315	2320	2329	rBV6	54636	110803	3.19%	0.262%
28	16.733	2332	2337	2342	rBV	46425	74433	2.14%	0.176%
29	16.962	2370	2376	2385	rBV	1229723	1764076	50.73%	4.174%
30	17.062	2387	2393	2405	rVV2	1997689	2992897	86.07%	7.082%
31	17.468	2458	2462	2469	rVB7	37549	51604	1.48%	0.122%
32	17.868	2526	2530	2541	rBV2	257167	445492	12.81%	1.054%
33	19.015	2720	2725	2726	rBV2	51075	76103	2.19%	0.180%
34	19.039	2726	2729	2732	rVV2	112932	143573	4.13%	0.340%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014139.D
Acq On : 03 Feb 2018 06:30
Operator : SJ/JU
Sample : J1317-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D10

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-BM013118.M
Title : SVOA CALIBRATION

35	19.162	2746	2750	2757	rBV	214165	305727	8.79%	0.723%
36	19.368	2779	2785	2794	rBV	2537289	3432647	98.72%	8.123%
37	20.350	2950	2952	2957	rVB2	51440	54316	1.56%	0.129%
38	20.568	2987	2989	2993	rBV4	41379	46678	1.34%	0.110%
39	20.862	3035	3039	3040	rBV3	43597	56415	1.62%	0.133%
40	20.891	3040	3044	3053	rVB7	147029	261524	7.52%	0.619%
41	21.168	3086	3091	3097	rBV	1631530	2125711	61.13%	5.030%
42	21.221	3097	3100	3103	rVB	120883	136426	3.92%	0.323%
43	21.562	3154	3158	3162	rVB2	460674	494329	14.22%	1.170%
44	21.662	3173	3175	3179	rVB3	66452	67808	1.95%	0.160%
45	21.997	3229	3232	3236	rVB3	147877	190215	5.47%	0.450%
46	23.209	3431	3438	3448	rBV2	1938581	3477214	100.00%	8.228%
47	23.344	3455	3461	3470	rVB	982458	1861407	53.53%	4.405%

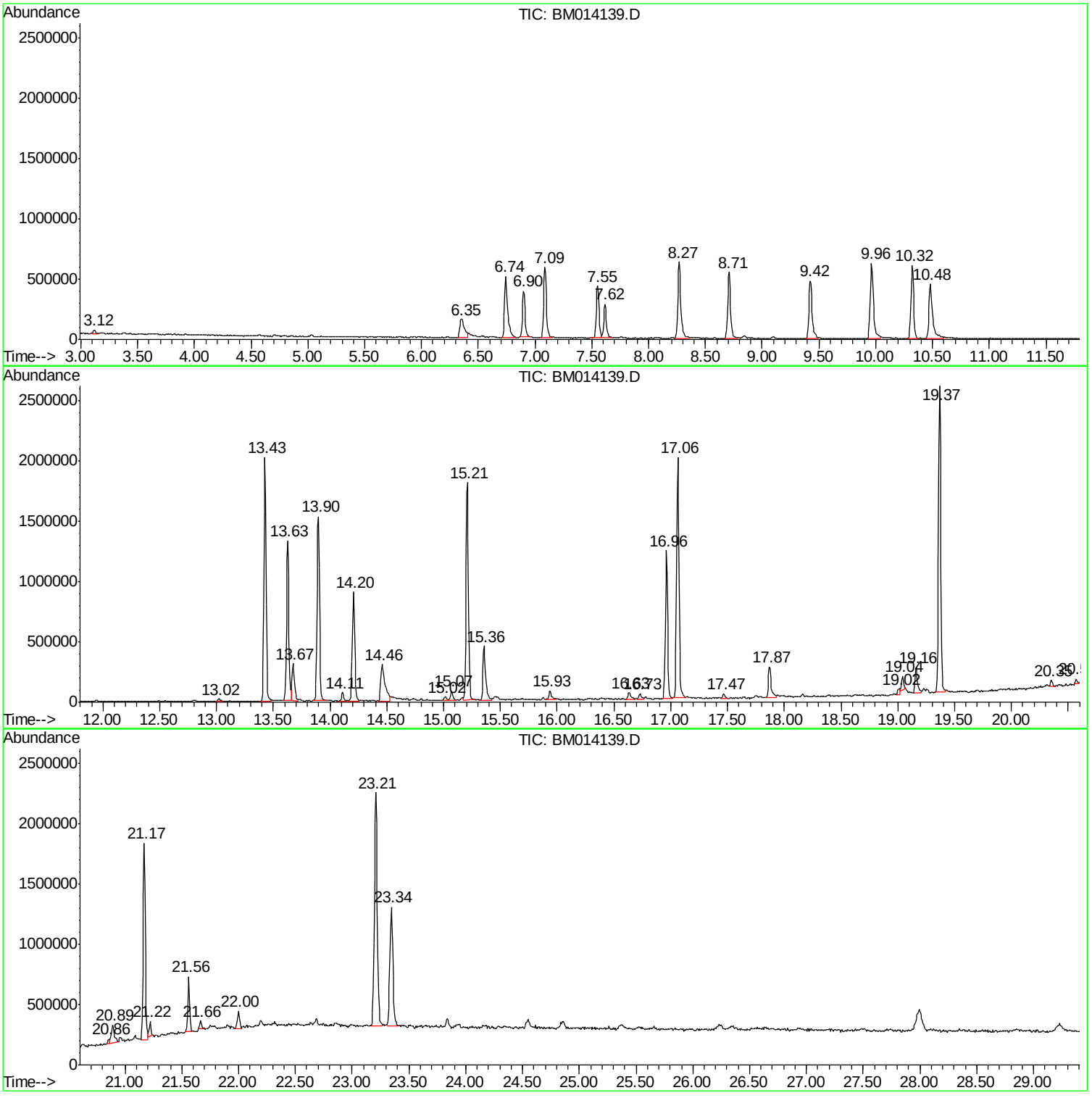
Sum of corrected areas: 42260314

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014139.D
Acq On : 03 Feb 2018 06:30
Operator : SJ/JU
Sample : J1317-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D10

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014139.D
Acq On : 03 Feb 2018 06:30
Operator : SJ/JU
Sample : J1317-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D10

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

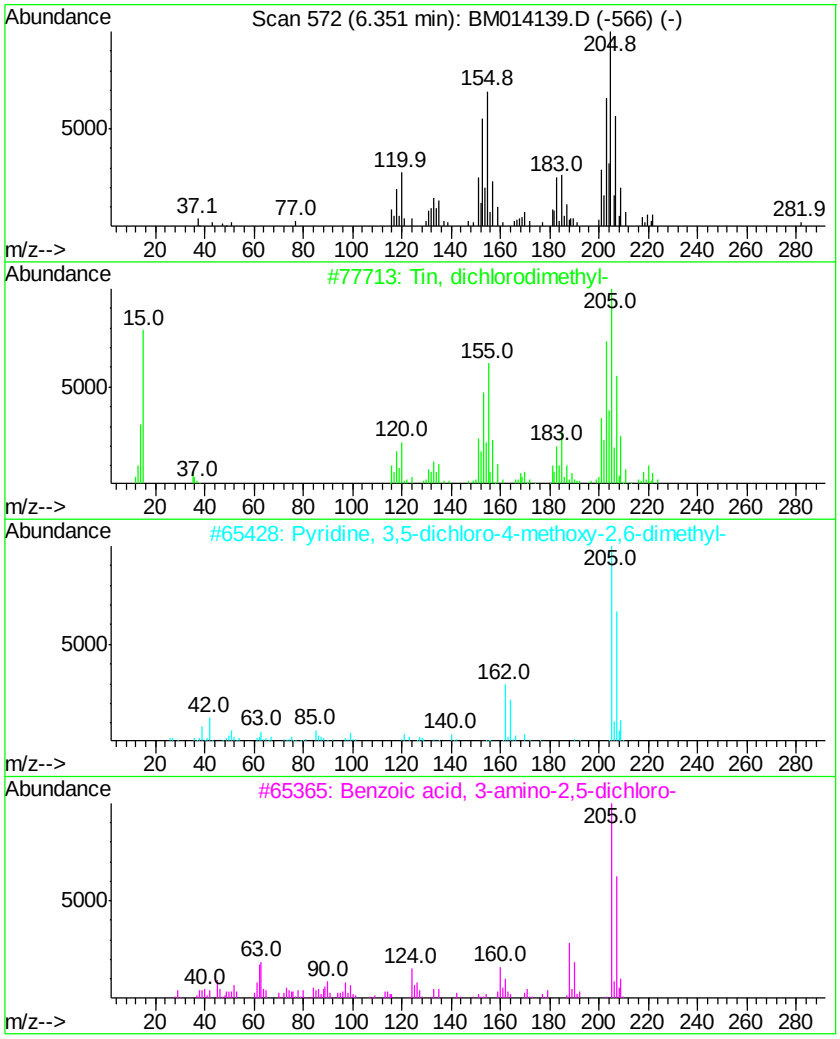
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

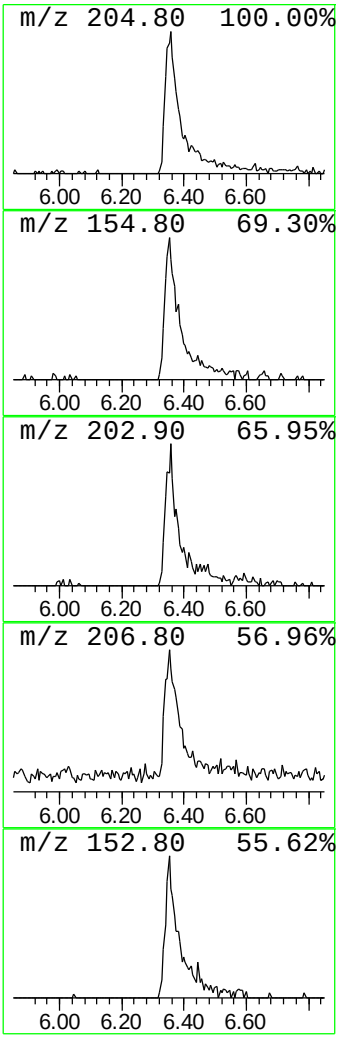
****

Peak Number 1 Tin, dichlorodimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	12.05 ng/ul	430536	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tin, dichlorodimethyl-	220	C2H6Cl2Sn	000753-73-1	95
2	Pyridine, 3,5-dichloro-4-methoxy...	205	C8H9Cl2NO	051050-42-1	30
3	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	27
4	1,3,5-Triazine, 2-tert.-butylami...	220	C7H10Cl2N4	027282-85-5	27
5	2-[4-Chlorophenyl]-5-pyrimidinamine	205	C10H8ClN3	1000213-57-9	25





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014139.D
Acq On : 03 Feb 2018 06:30
Operator : SJ/JU
Sample : J1317-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D10

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

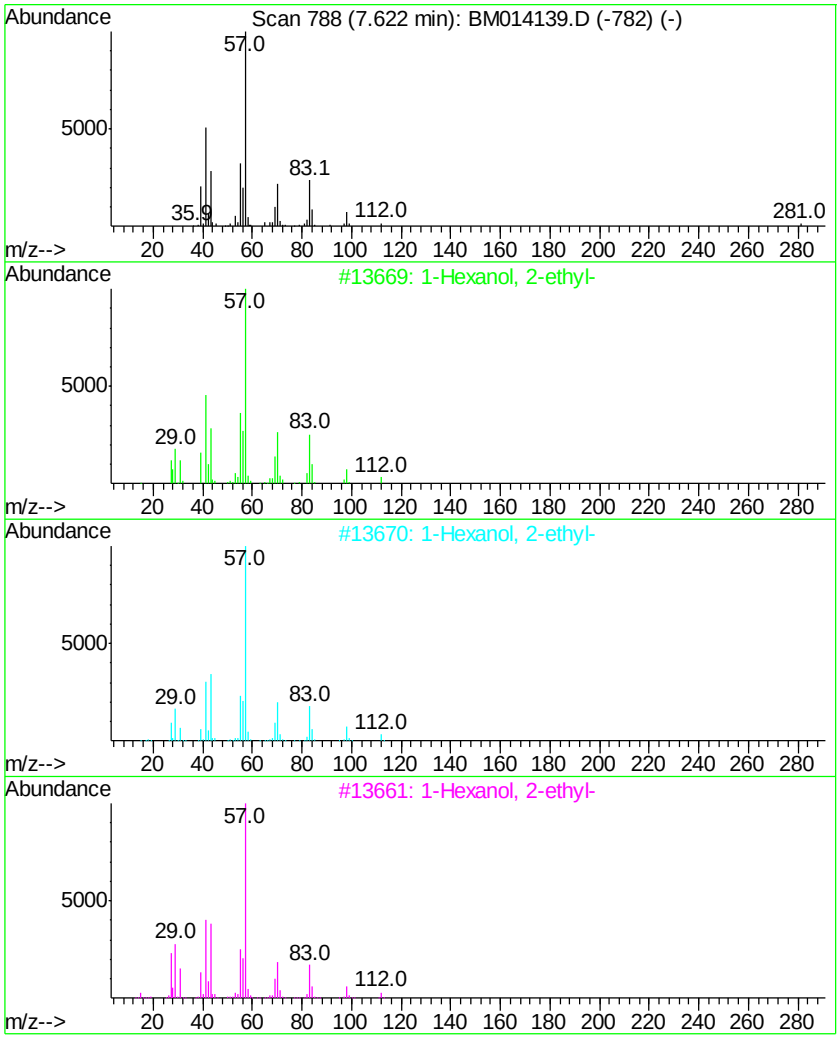
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

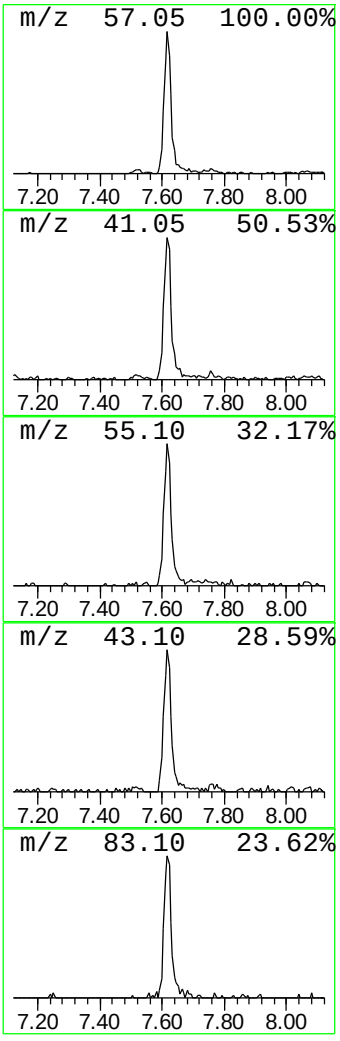
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	12.84 ng/ul	458681	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014139.D
Acq On : 03 Feb 2018 06:30
Operator : SJ/JU
Sample : J1317-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D10

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

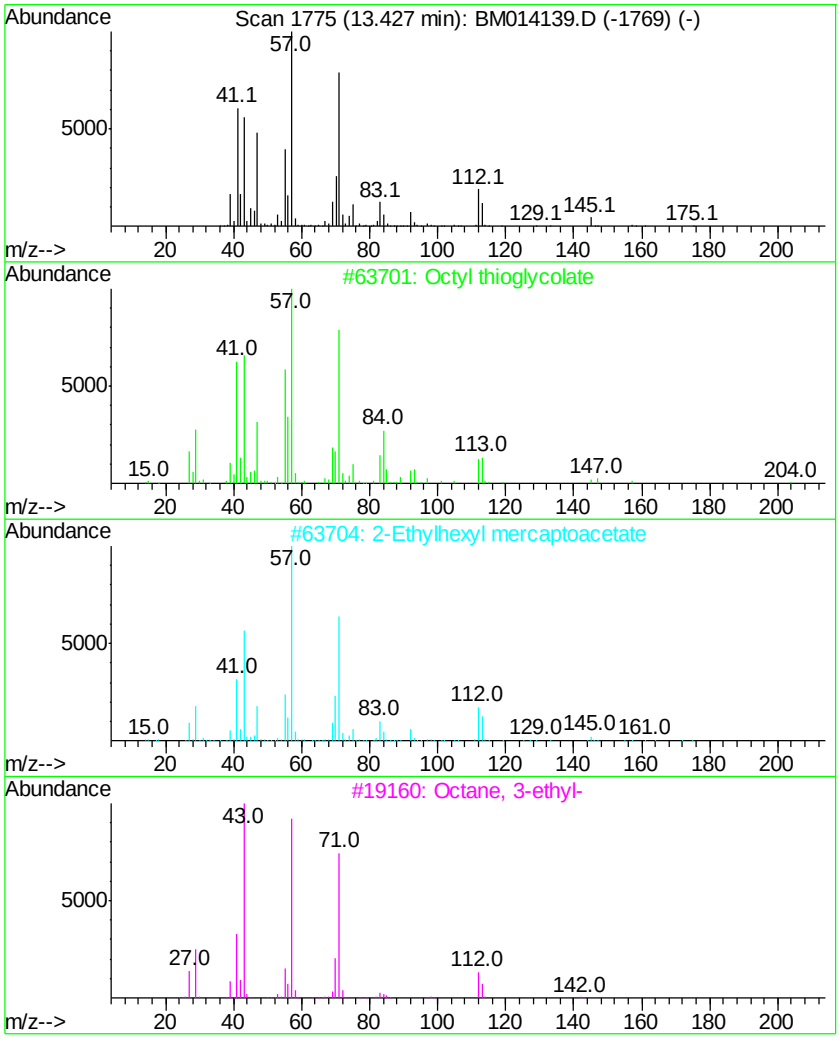
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

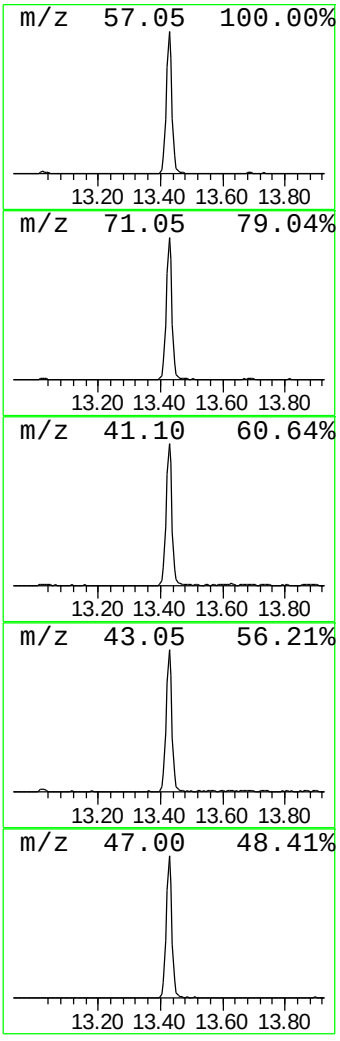
****

Peak Number 3 Octyl thioglycolate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	37.72 ng/ul	2702680	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octyl thioglycolate	204	C10H20O2S	007664-80-4	72
2	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	72
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	53
4	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	53
5	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	50





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014139.D
Acq On : 03 Feb 2018 06:30
Operator : SJ/JU
Sample : J1317-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D10

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

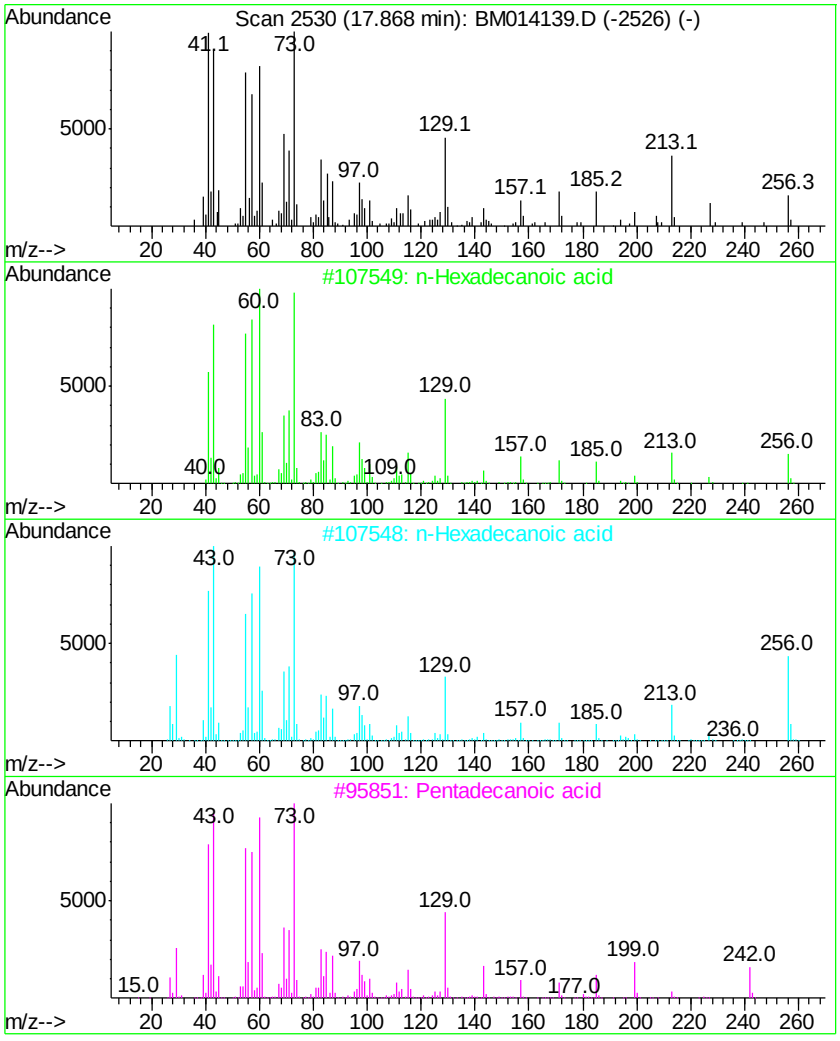
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

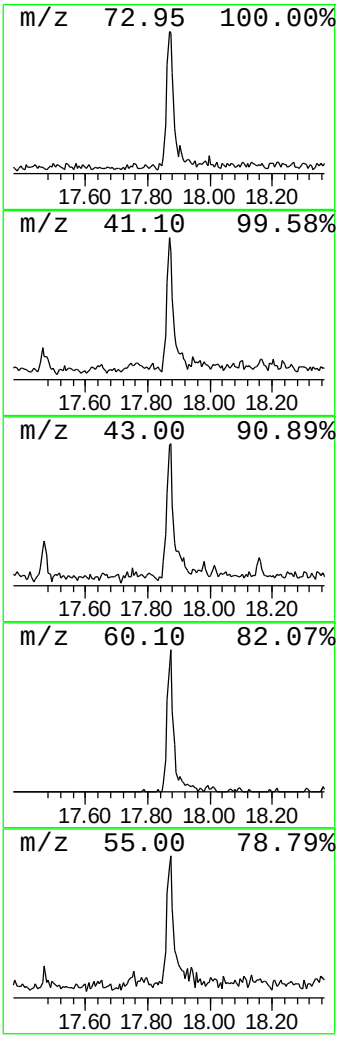
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	5.05 ng/ul	445492	Phenanthrene-d10	16.96

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	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014139.D
Acq On : 03 Feb 2018 06:30
Operator : SJ/JU
Sample : J1317-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D10

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

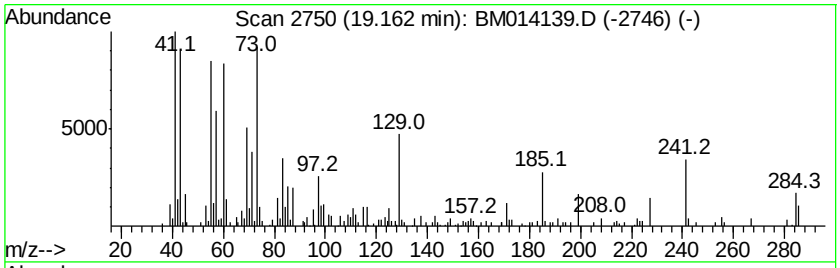
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

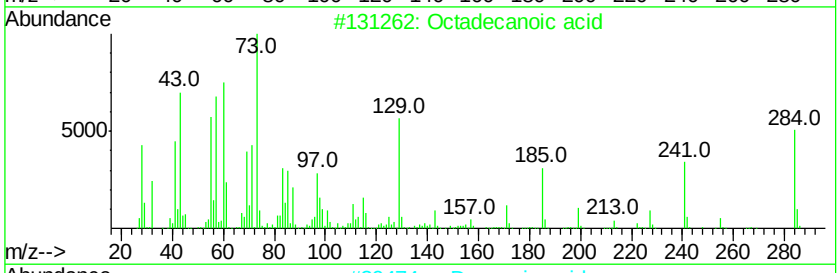
****

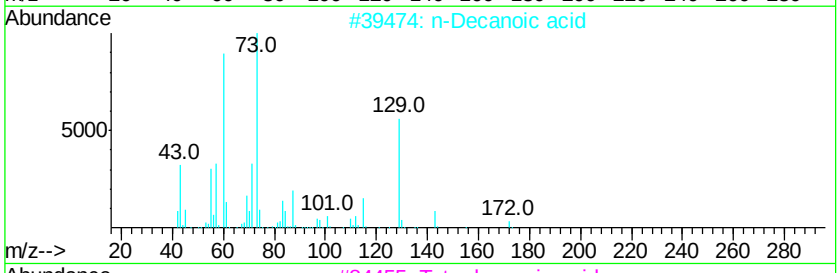
Peak Number 5 Octadecanoic acid Concentration Rank 6

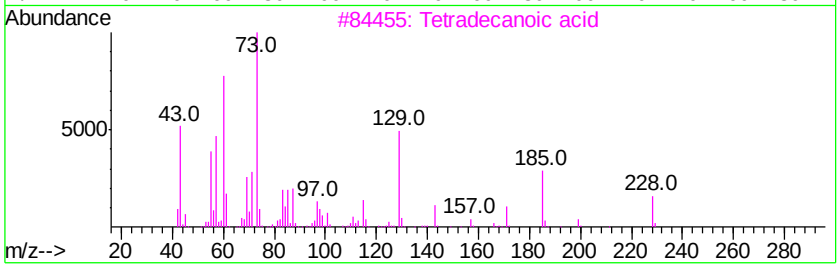
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.88 ng/ul	305727	Chrysene-d12	21.17

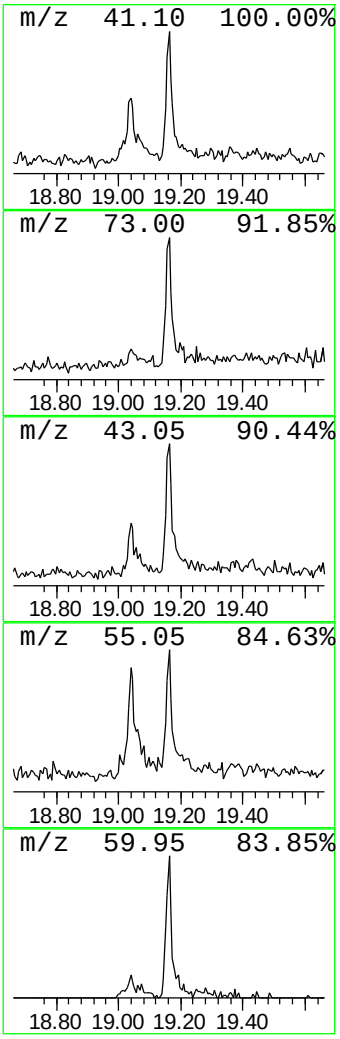
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64











Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014139.D
Acq On : 03 Feb 2018 06:30
Operator : SJ/JU
Sample : J1317-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D10

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

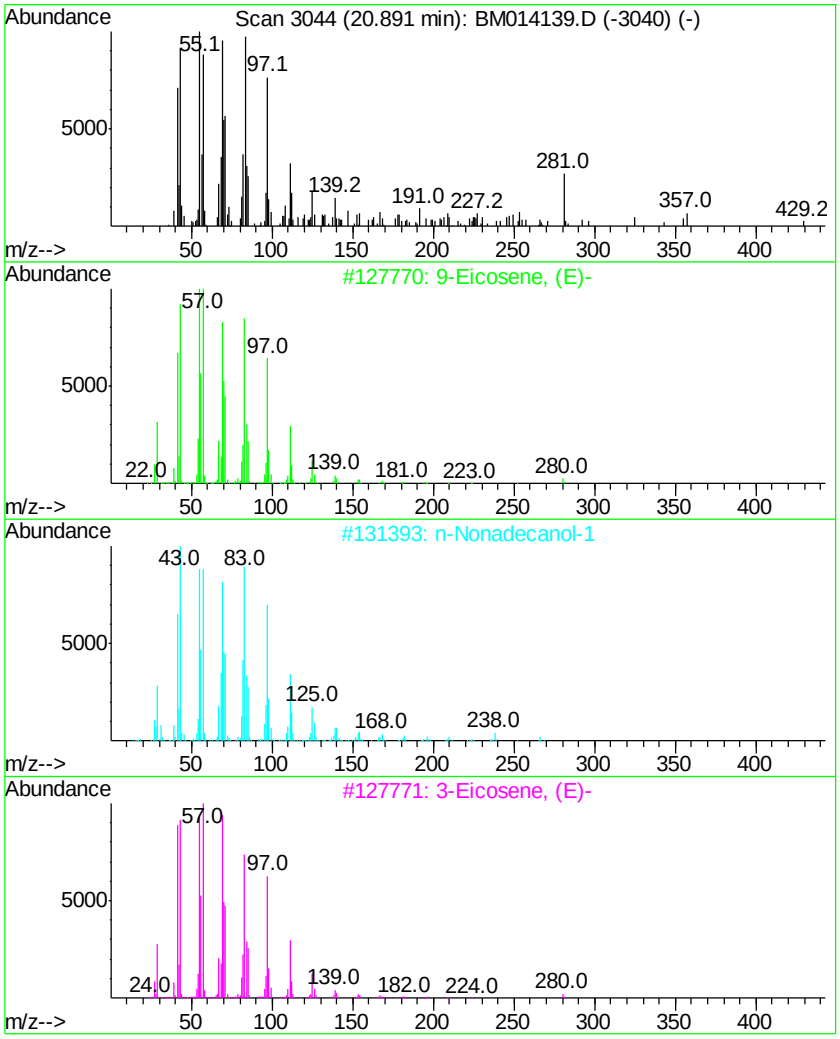
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

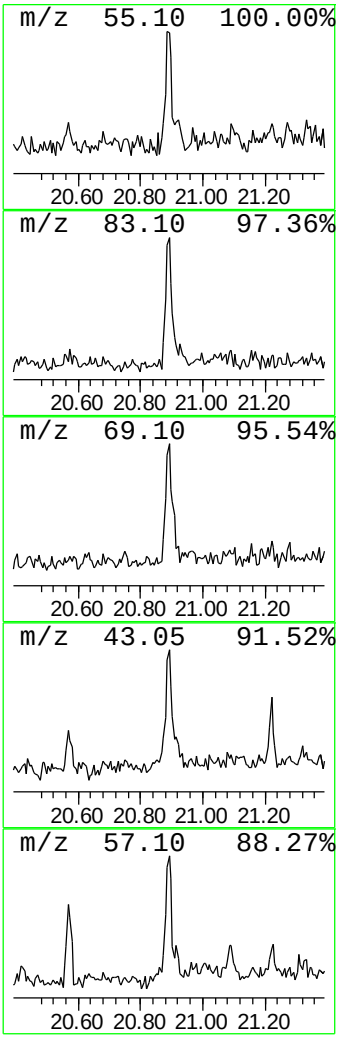
****

Peak Number 6 (DEL) Alkane: Cyclic20.89 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.46 ng/ul	261524	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Pentadecene	210	C15H30	013360-61-7	90
5	1-Nonadecene	266	C19H38	018435-45-5	87





Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014139.D
Acq On : 03 Feb 2018 06:30
Operator : SJ/JU
Sample : J1317-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D10

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

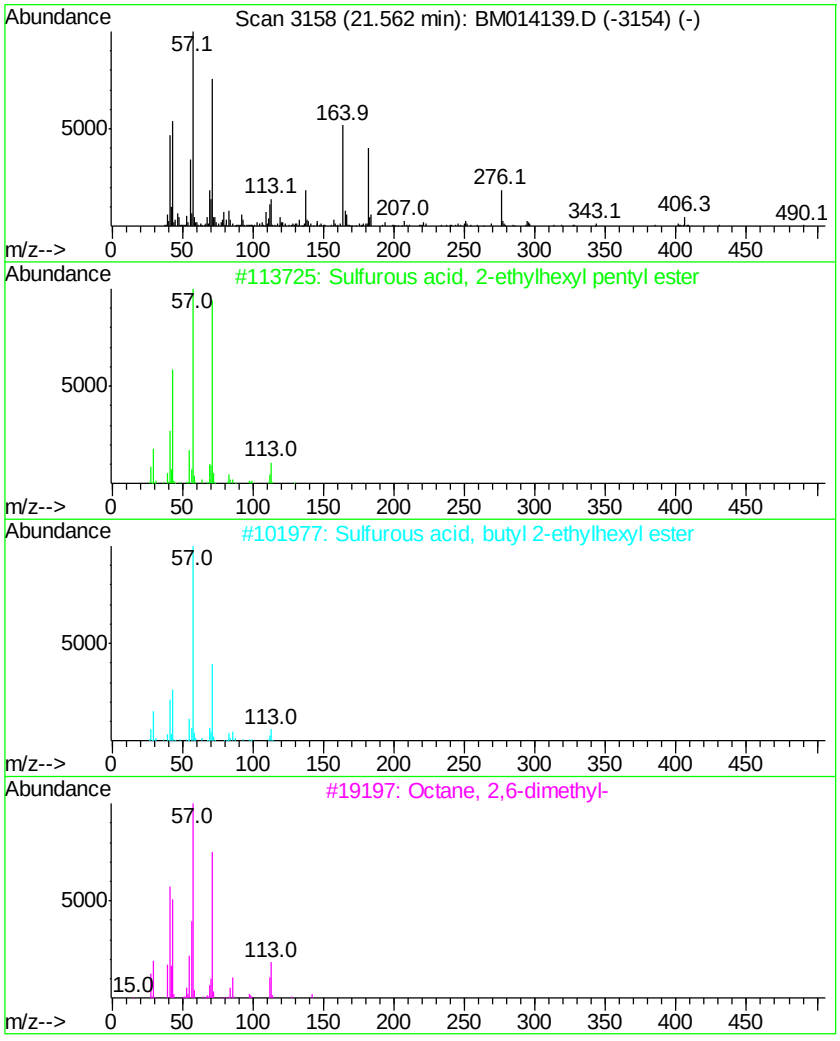
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

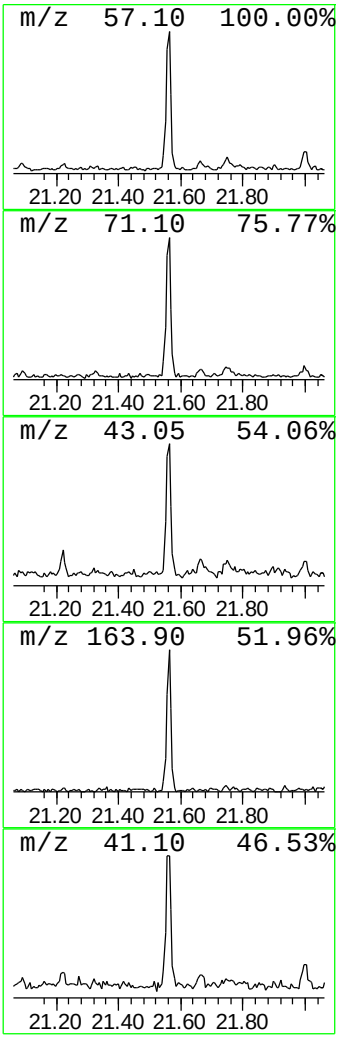
****

Peak Number 7 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	4.65 ng/ul	494329	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	38
2	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	35
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	35
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	35
5	Octane, 1-iodo-	240	C8H17I	000629-27-6	27





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_M\DATA\BM020218\
Data File : BM014139.D
Acq On : 03 Feb 2018 06:30
Operator : SJ/JU
Sample : J1317-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D10

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.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
Tin, dichlorodime...	6.35	12.1	ng/ul	430536	1	7.55	714577	20.0
1-Hexanol, 2-ethyl-	7.62	12.8	ng/ul	458681	1	7.55	714577	20.0
Octyl thioglycolate	13.43	37.7	ng/ul	2702680	3	14.20	1432840	20.0
n-Hexadecanoic acid	17.87	5.0	ng/ul	445492	4	16.96	1764080	20.0
Octadecanoic acid	19.16	2.9	ng/ul	305727	5	21.17	2125710	20.0
(DEL) Alkane: Cyc...	20.89	2.5	ng/ul	261524	5	21.17	2125710	20.0
unknown-01	21.56	4.7	ng/ul	494329	5	21.17	2125710	20.0