LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008886.D
Acq On : 26 Jan 2017 21:37
Operator : SJ/MA
Sample : I1426-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX5

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-BM012317.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	2.834	38	42	46	rVB2	44093	51710	2.22%	0.193%
2	2.916	51	56	61	rBV	79271	104194	4.47%	0.388%
3	2.963	61	64	72	rVB	157104	188237	8.08%	0.702%
4	3.046	74	78	83	rBV2	78186	98114	4.21%	0.366%
5	3.387	132	136	142	rVB	26005	34408	1.48%	0.128%
6	3.869	212	218	228	rVB	80811	112068	4.81%	0.418%
7	5.046	411	418	423	rBV2	22021	34509	1.48%	0.129%
8	5.534	497	501	504	rBV2	17383	24932	1.07%	0.093%
9	6.263	620	625	634	rVB6	12586	26840	1.15%	0.100%
10	6.422	647	652	660	rVB2	24280	41252	1.77%	0.154%
11	6.516	660	668	672	rBV2	28864	55978	2.40%	0.209%
12	6.716	697	702	707	rVB4	17717	24957	1.07%	0.093%
13	7.075	754	763	773	rBV3	494933	903046	38.78%	3.367%
14	7.257	786	794	802	rBV	289846	452200	19.42%	1.686%
15	7.451	819	827	835	rVB	456891	737292	31.66%	2.749%
16	7.928	901	908	914	rBV	385825	608572	26.13%	2.269%
17	8.616	1019	1025	1038	rVB	494929	803999	34.52%	2.997%
18	9.092	1098	1106	1114	rBV	480256	786788	33.79%	2.933%
19	9.457	1163	1168	1176	rVB2	13124	23542	1.01%	0.088%
20	9.810	1219	1228	1239	rVB	443988	722808	31.04%	2.695%
21	10.339	1312	1318	1327	rVB2	571944	919246	39.47%	3.427%
22	10.728	1377	1384	1393	rVB	455797	767848	32.97%	2.863%
23	10.869	1401	1408	1417	rVB2	391118	664875	28.55%	2.479%
24	13.969	1928	1935	1939	rBV	965237	1297295	55.71%	4.837%
25	14.016	1939	1943	1949	rVB	197099	278621	11.96%	1.039%
26	14.257	1977	1984	1991	rBV	881707	1293947	55.56%	4.824%
27	14.439	2010	2015	2020	rBV3	15562	25754	1.11%	0.096%
28	14.563	2030	2036	2044	rVB	622633	935606	40.18%	3.488%
29	14.745	2061	2067	2077	rBV	623753	862489	37.04%	3.216%
30	14.957	2098	2103	2109	rBV3	51190	75825	3.26%	0.283%
31	15.345	2165	2169	2173	rBV2	27012	36844	1.58%	0.137%
32	15.392	2173	2177	2182	rVB3	44642	62181	2.67%	0.232%
33	15.557	2198	2205	2211	rBV	1200578	1659059	71.24%	6.185%
34	15.668	2216	2224	2234	rBV	510374	706196	30.32%	2.633%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008886.D
Acq On : 26 Jan 2017 21:37
Operator : SJ/MA
Sample : I1426-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX5

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-BM012317.M
Title : SVOA CALIBRATION

35	15.798	2240	2246	2250	rVB5	25459	33925	1.46%	0.126%
36	16.251	2316	2323	2331	rBV2	55798	97151	4.17%	0.362%
37	17.045	2453	2458	2462	rBV2	63029	77283	3.32%	0.288%
38	17.092	2462	2466	2471	rVB2	18535	29644	1.27%	0.111%
39	17.310	2496	2503	2510	rBV	837352	1160100	49.82%	4.325%
40	17.410	2514	2520	2526	rVB2	1307600	1899713	81.58%	7.083%
41	17.780	2578	2583	2587	rBV	70241	93757	4.03%	0.350%
42	18.180	2646	2651	2656	rBV2	201112	256077	11.00%	0.955%
43	18.474	2697	2701	2707	rBV2	44561	58597	2.52%	0.218%
44	19.104	2805	2808	2812	rVB4	19238	25468	1.09%	0.095%
45	19.327	2844	2846	2851	rVB4	27097	36235	1.56%	0.135%
46	19.451	2863	2867	2872	rBV3	142366	178828	7.68%	0.667%
47	19.698	2902	2909	2916	rBV	1749404	2328782	100.00%	8.682%
48	21.162	3154	3158	3167	rBV2	154718	205486	8.82%	0.766%
49	21.474	3206	3211	3218	rVB	1069961	1411069	60.59%	5.261%
50	23.686	3580	3587	3595	rVB2	1120982	2235865	96.01%	8.336%
51	23.833	3606	3612	3623	rVB	653649	1273343	54.68%	4.747%

Sum of corrected areas: 26822555

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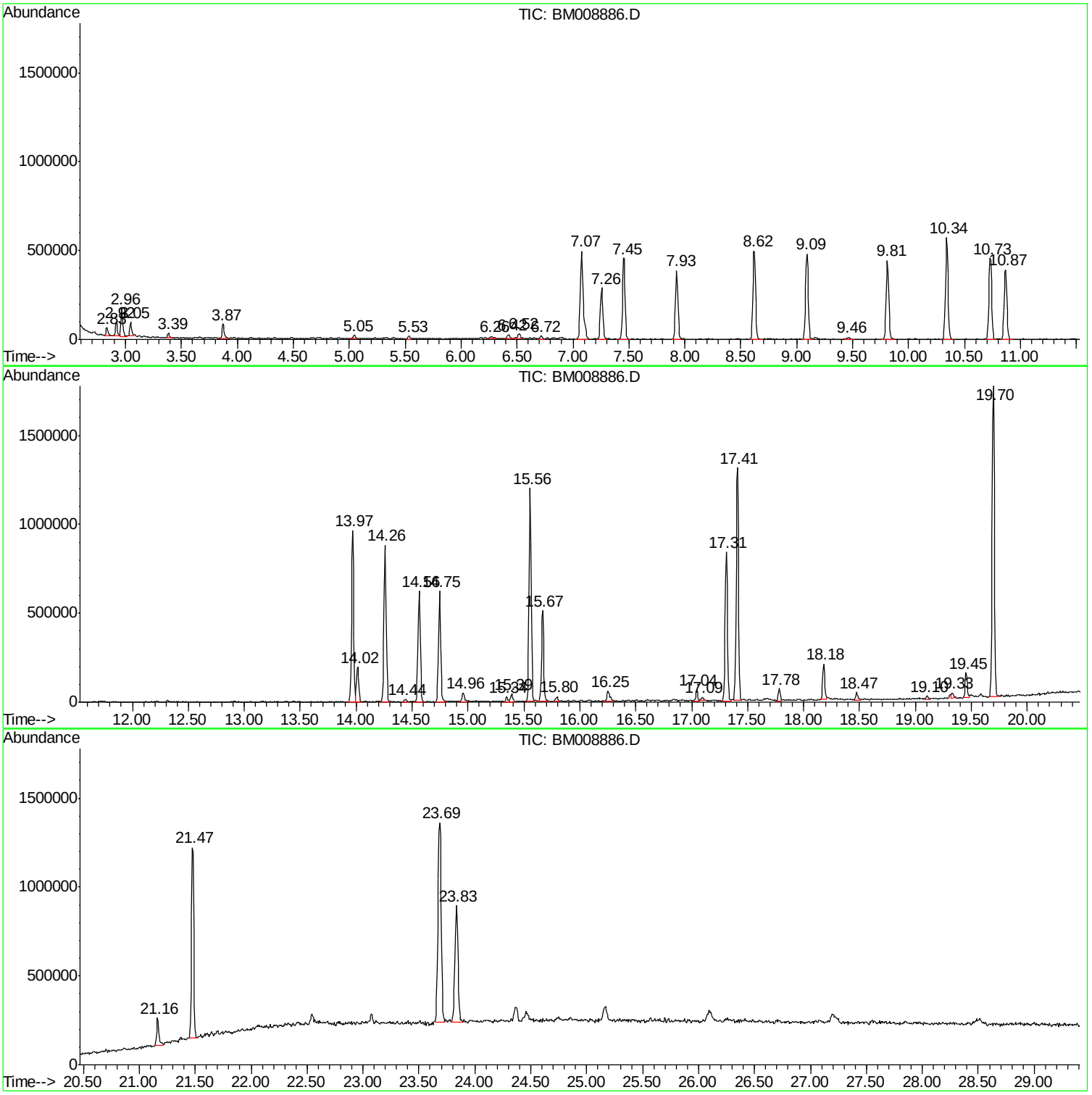
Operator : SJ/MA
Sample : I1426-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDMX5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008886.D
Acq On : 26 Jan 2017 21:37
Operator : SJ/MA
Sample : I1426-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

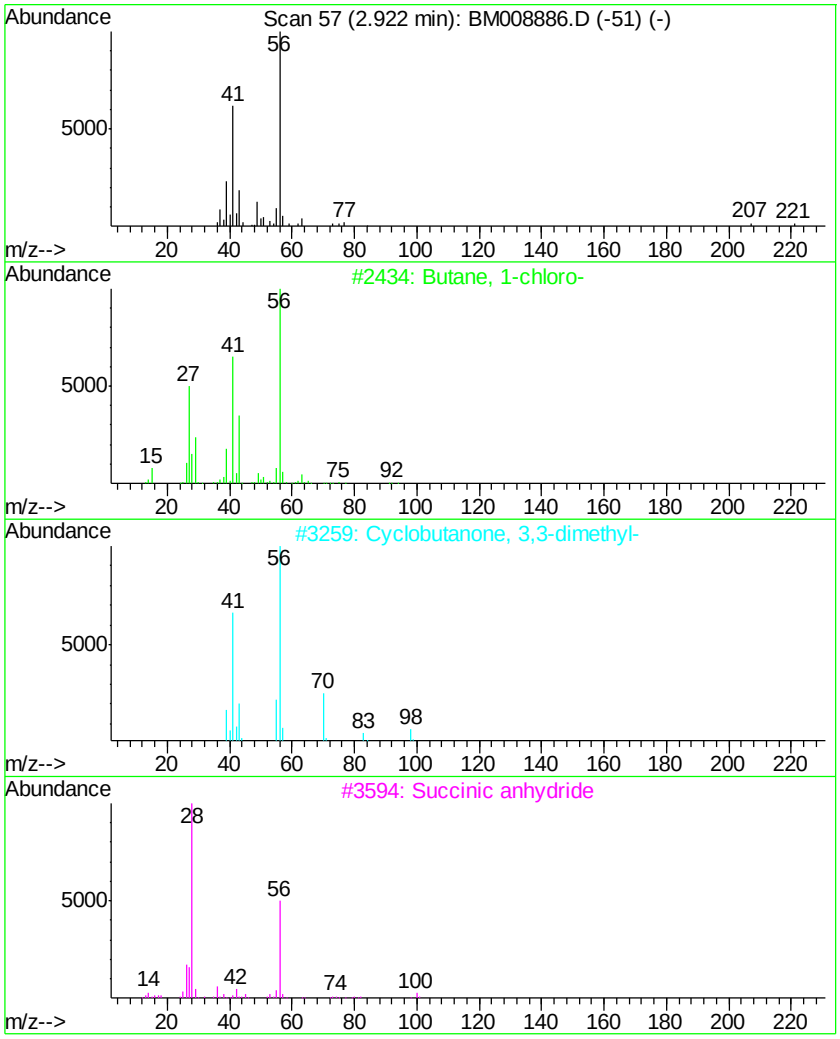
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

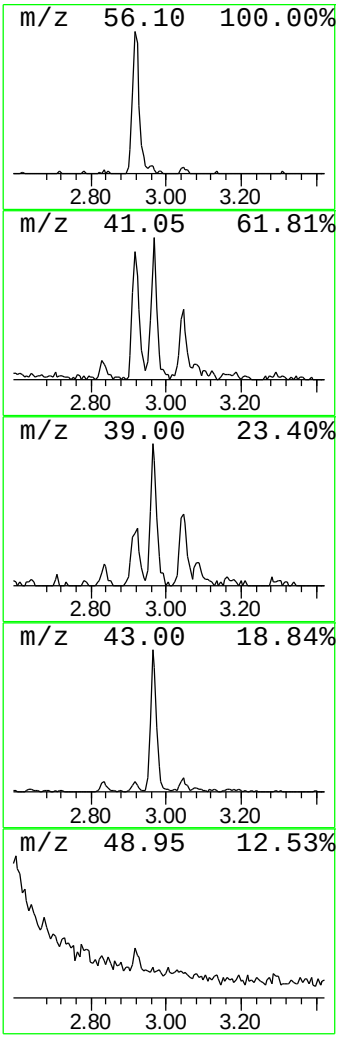
****

Peak Number 1 Butane, 1-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	3.42 ng/ul	104194	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-chloro-	92	C4H9Cl	000109-69-3	64
2	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	45
3	Succinic anhydride	100	C4H4O3	000108-30-5	45
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	45
5	N-(4-Chloro-3,3-dimethyl-2-butyl...	147	C7H14ClN	1000137-59-4	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008886.D
Acq On : 26 Jan 2017 21:37
Operator : SJ/MA
Sample : I1426-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

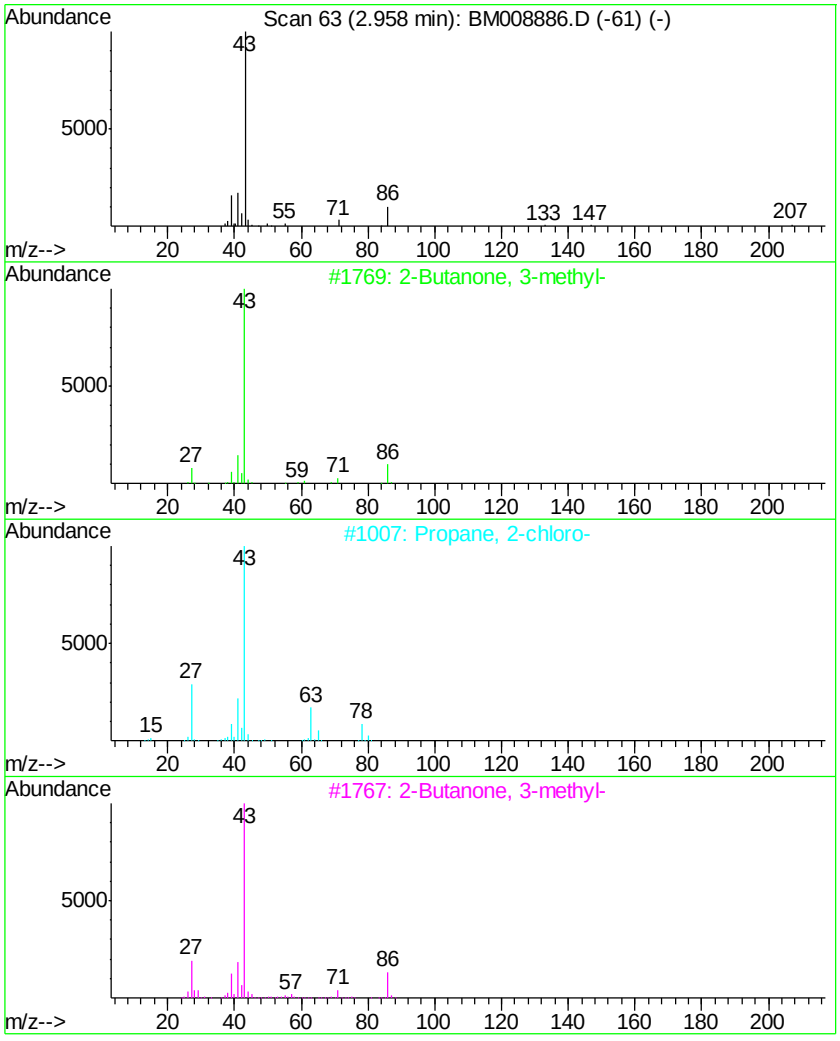
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

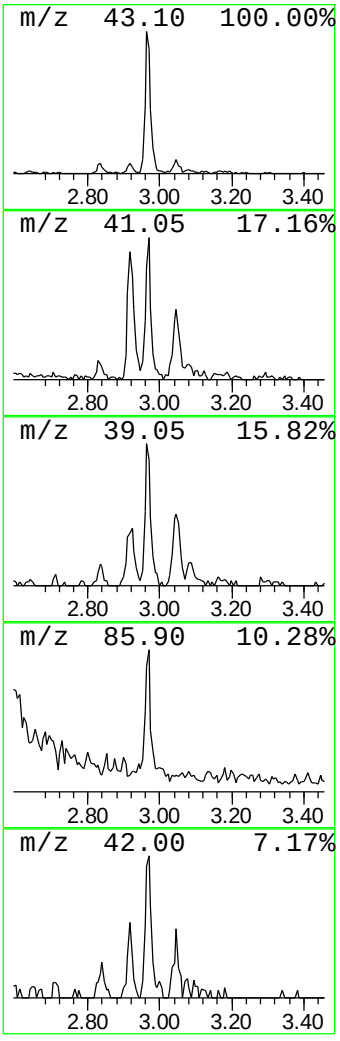
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	6.19 ng/ul	188237	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	50
2	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	38
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	25
4	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
5	2,3-Butanedione	86	C4H6O2	000431-03-8	7





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008886.D
Acq On : 26 Jan 2017 21:37
Operator : SJ/MA
Sample : I1426-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

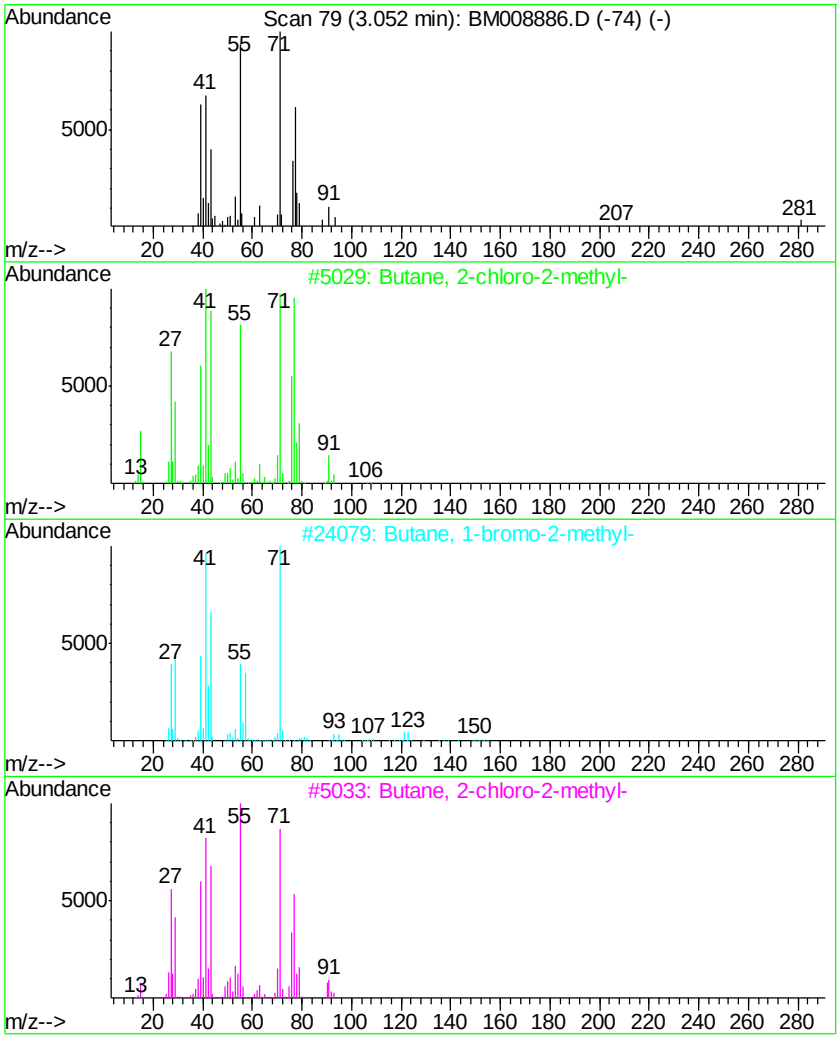
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

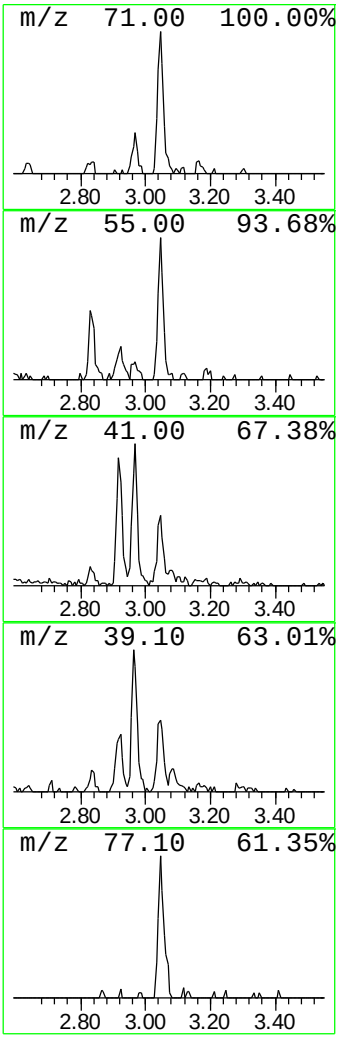
****

Peak Number 3 Butane, 2-chloro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	3.22 ng/ul	98114	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-chloro-2-methyl-	106	C5H11Cl	000594-36-5	50
2	Butane, 1-bromo-2-methyl-	150	C5H11Br	005973-11-5	47
3	Butane, 2-chloro-2-methyl-	106	C5H11Cl	000594-36-5	45
4	Butane, 1-bromo-2-methyl-, (S)-	150	C5H11Br	000534-00-9	43
5	Butane, 1-bromo-2-methyl-	150	C5H11Br	005973-11-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008886.D
Acq On : 26 Jan 2017 21:37
Operator : SJ/MA
Sample : I1426-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

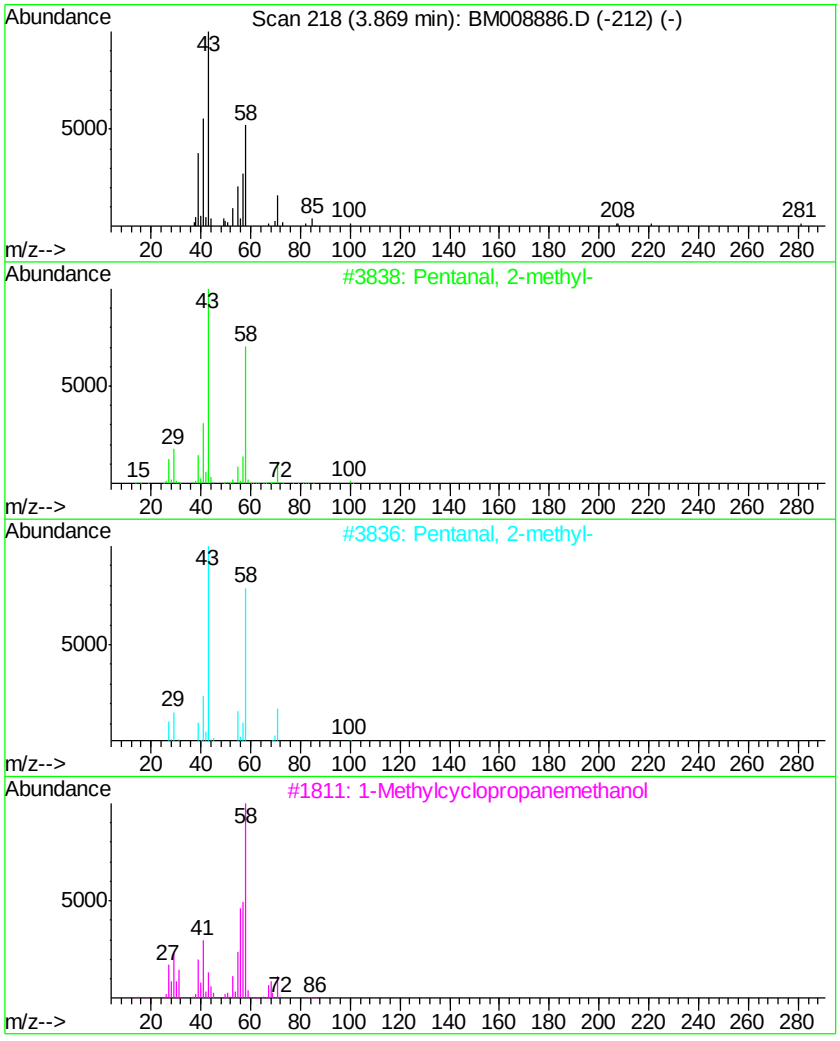
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

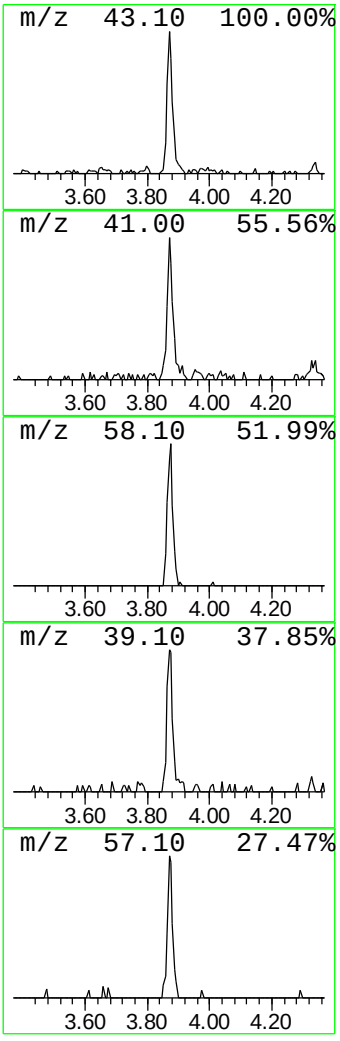
****

Peak Number 4 Pentanal, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	3.68 ng/ul	112068	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	53
2	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	38
3	1-Methylcyclopropanemethanol	86	C5H10O	002746-14-7	37
4	Cyclopropyl methyl carbinol	86	C5H10O	000765-42-4	33
5	Pentanal, 2,4-dimethyl-	114	C7H14O	027944-79-2	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008886.D
Acq On : 26 Jan 2017 21:37
Operator : SJ/MA
Sample : I1426-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

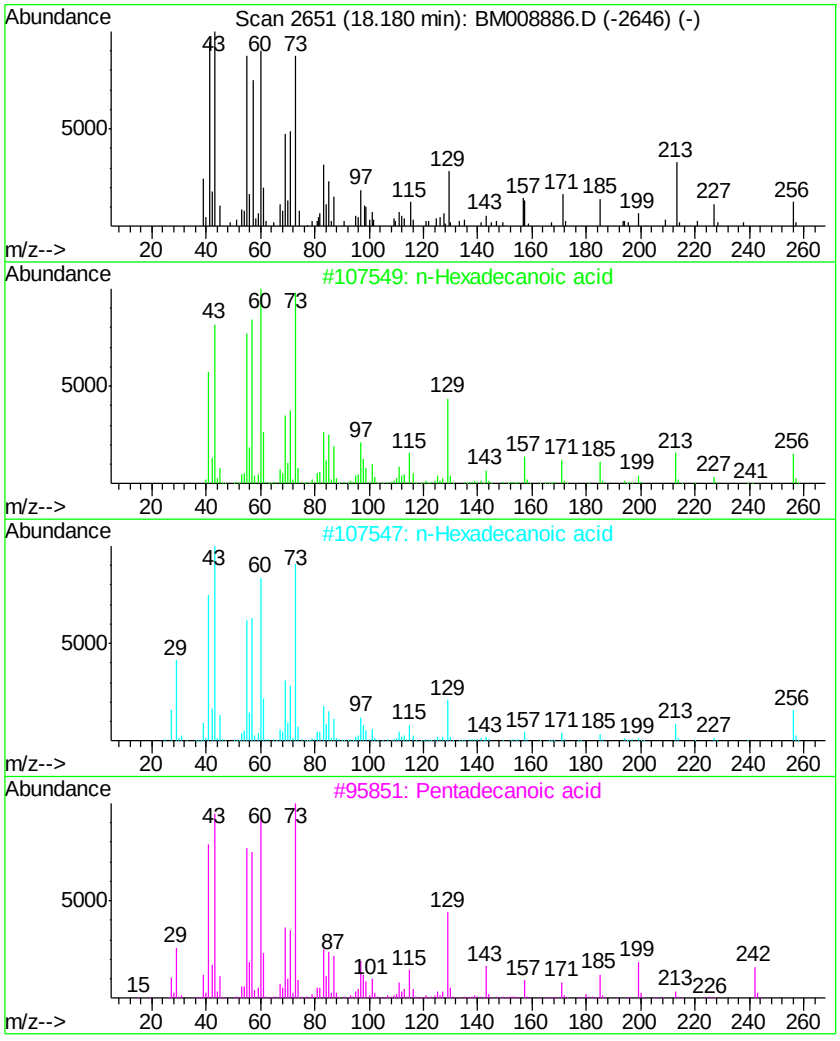
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

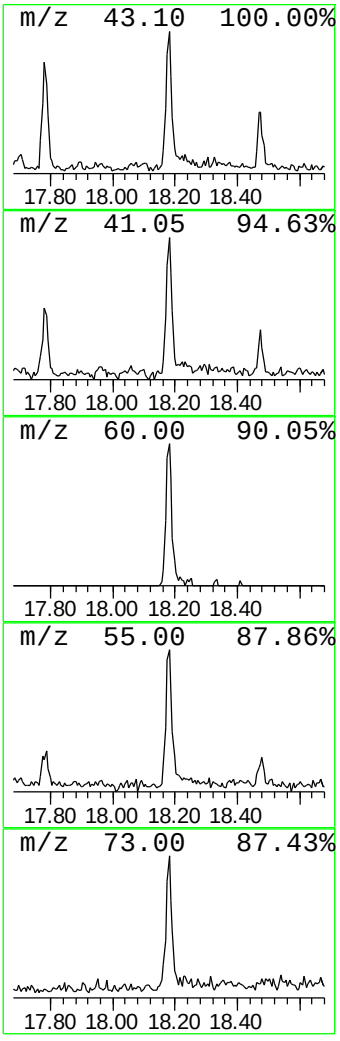
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	4.41 ng/ul	256077	Phenanthrene-d10	17.31

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	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008886.D
Acq On : 26 Jan 2017 21:37
Operator : SJ/MA
Sample : I1426-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

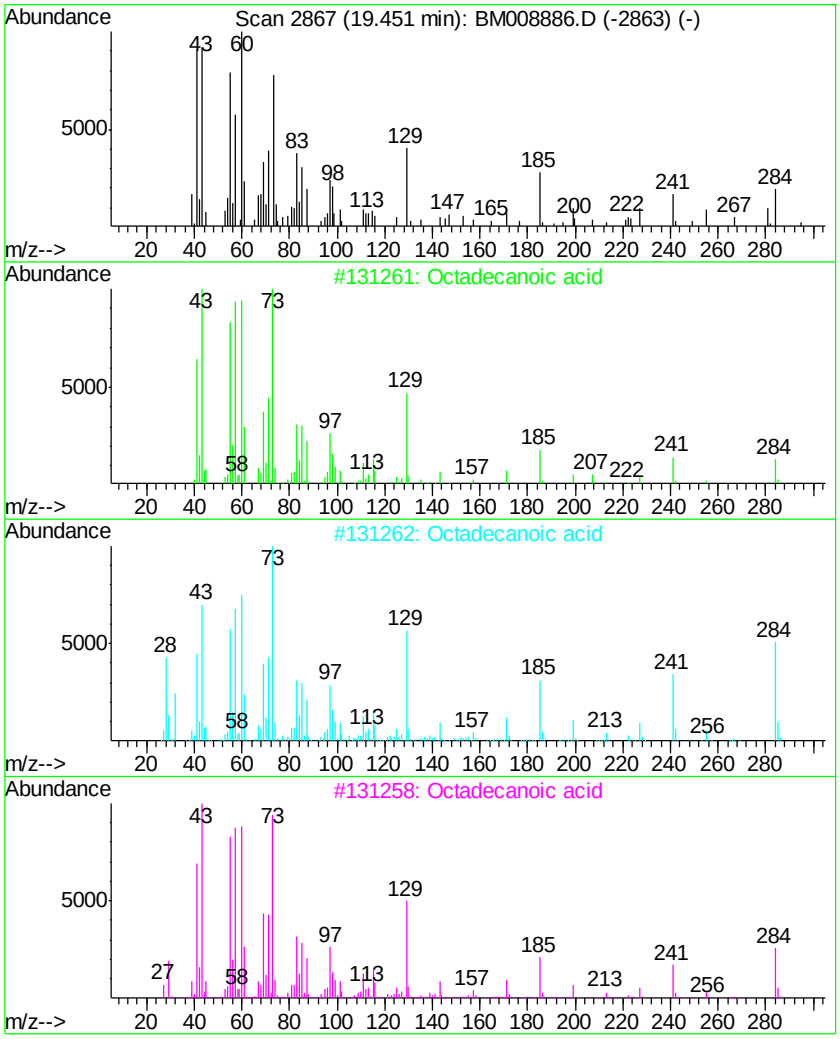
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

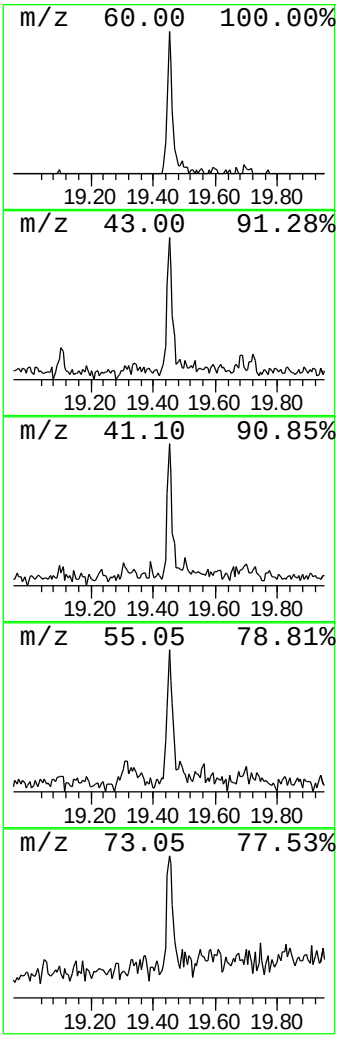
****

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	2.53 ng/ul	178828	Chrysene-d12	21.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008886.D
Acq On : 26 Jan 2017 21:37
Operator : SJ/MA
Sample : I1426-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

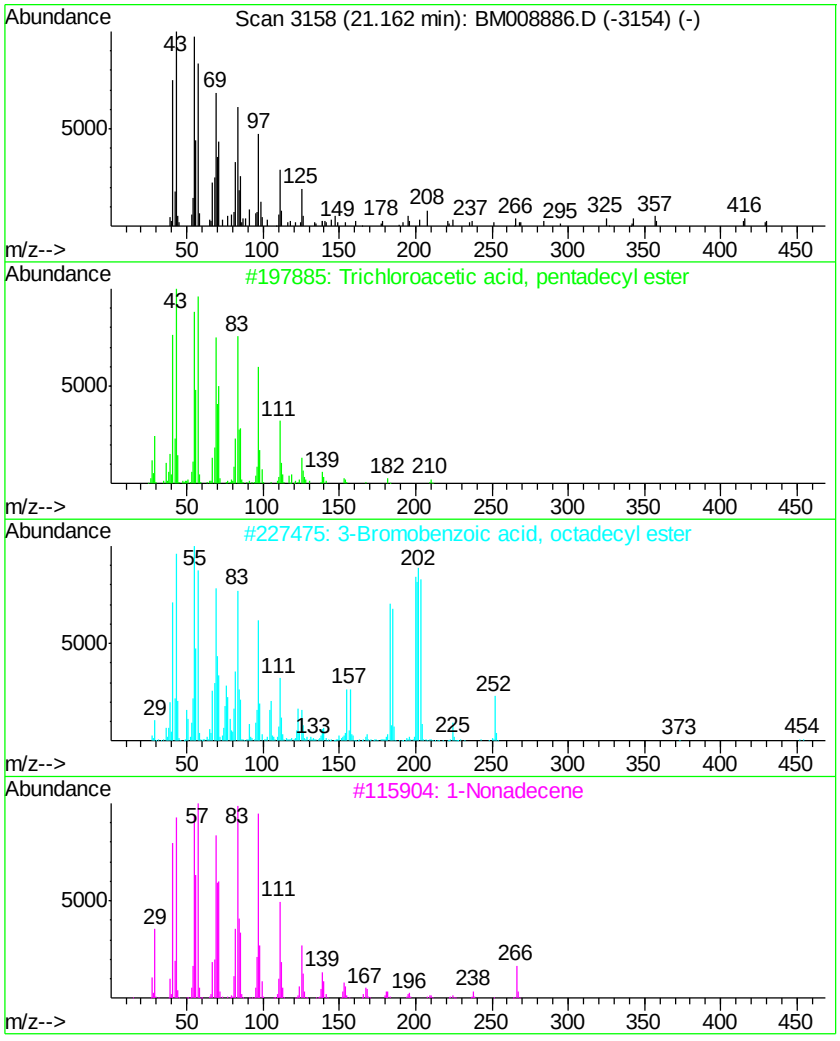
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

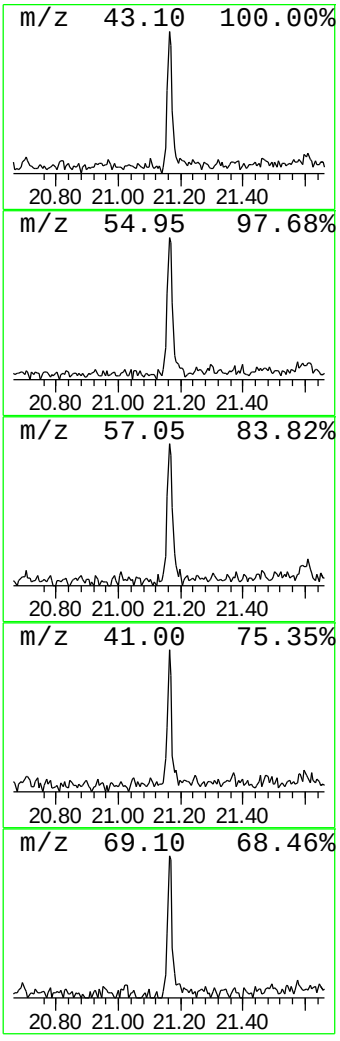
****

Peak Number 7 Trichloroacetic acid, penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.91 ng/ul	205486	Chrysene-d12	21.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	3-Bromobenzoic acid, octadecyl e...	452	C25H41BrO2	070153-14-9	92
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008886.D
Acq On : 26 Jan 2017 21:37
Operator : SJ/MA
Sample : I1426-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.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
Butane, 1-chloro-	2.92	3.4	ng/ul	104194	1	7.93	608572	20.0
2-Butanone, 3-met...	2.96	6.2	ng/ul	188237	1	7.93	608572	20.0
Butane, 2-chloro-...	3.05	3.2	ng/ul	98114	1	7.93	608572	20.0
Pentanal, 2-methyl-	3.87	3.7	ng/ul	112068	1	7.93	608572	20.0
n-Hexadecanoic acid	18.18	4.4	ng/ul	256077	4	17.31	1160100	20.0
Octadecanoic acid	19.45	2.5	ng/ul	178828	5	21.48	1411070	20.0
Trichloroacetic a...	21.16	2.9	ng/ul	205486	5	21.48	1411070	20.0