LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031516\
Data File : BM004611.D
Acq On : 15 Mar 2016 23:11
Operator : UM/SJ
Sample : H1710-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MS-DS-D70

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-BM031516.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	3.010	50	55	64	rVB2	18244	30277	1.30%	0.138%
2	3.334	106	110	119	rVB	18261	23609	1.01%	0.108%
3	7.004	727	734	745	rVB	296403	474053	20.34%	2.161%
4	7.175	756	763	771	rVB	246620	382851	16.43%	1.746%
5	7.375	791	797	805	rBV	306243	484286	20.78%	2.208%
6	7.845	871	877	883	rBV	230683	365858	15.70%	1.668%
7	8.539	986	995	1007	rBV	390913	616323	26.45%	2.810%
8	8.998	1065	1073	1083	rBV	271083	447255	19.19%	2.039%
9	9.722	1189	1196	1207	rBV	218025	369925	15.88%	1.687%
10	10.251	1279	1286	1296	rVB	382777	615888	26.43%	2.808%
11	10.633	1345	1351	1362	rVB	322519	554585	23.80%	2.529%
12	10.769	1366	1374	1384	rBV	374032	634182	27.22%	2.892%
13	13.698	1866	1872	1880	rBV	70220	97948	4.20%	0.447%
14	13.886	1898	1904	1908	rBV	732876	1023804	43.94%	4.668%
15	13.933	1908	1912	1921	rVB	278768	372319	15.98%	1.698%
16	14.168	1946	1952	1963	rBV	812346	1220637	52.38%	5.566%
17	14.310	1963	1976	1983	rVV2	24898	71343	3.06%	0.325%
18	14.380	1983	1988	1993	rVV	38361	56441	2.42%	0.257%
19	14.480	1997	2005	2018	rVB2	495333	774879	33.25%	3.533%
20	14.663	2030	2036	2050	rBV	366237	540194	23.18%	2.463%
21	15.333	2145	2150	2155	rVB	59067	74056	3.18%	0.338%
22	15.468	2167	2173	2180	rVB	1068804	1593624	68.39%	7.266%
23	15.580	2187	2192	2199	rVB	304112	407105	17.47%	1.856%
24	15.715	2209	2215	2217	rBV3	17450	30044	1.29%	0.137%
25	16.192	2291	2296	2299	rBV	62406	79846	3.43%	0.364%
26	16.980	2425	2430	2436	rBV2	22263	30930	1.33%	0.141%
27	17.221	2465	2471	2481	rBV	673215	949330	40.74%	4.329%
28	17.321	2481	2488	2499	rBV	1278175	1807359	77.56%	8.241%
29	18.115	2617	2623	2632	rBV	78923	122813	5.27%	0.560%
30	19.392	2836	2840	2850	rBV	41529	58722	2.52%	0.268%
31	19.615	2871	2878	2884	rBV	1543775	2179719	93.54%	9.939%
32	21.115	3128	3133	3142	rBV	195355	275399	11.82%	1.256%
33	21.403	3176	3182	3187	rBV	935161	1252480	53.75%	5.711%
34	21.521	3194	3202	3220	rVB5	84115	341186	14.64%	1.556%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
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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-BM031516.M
Title : SVOA CALIBRATION

35	21.803	3247	3250	3256	rBV2	26870	37648	1.62%	0.172%
36	23.556	3540	3548	3559	rBV	1151840	2330155	100.00%	10.624%
37	23.697	3566	3572	3584	rVB2	615033	1204955	51.71%	5.494%

Sum of corrected areas: 21932028

LSC Report - Integrated Chromatogram

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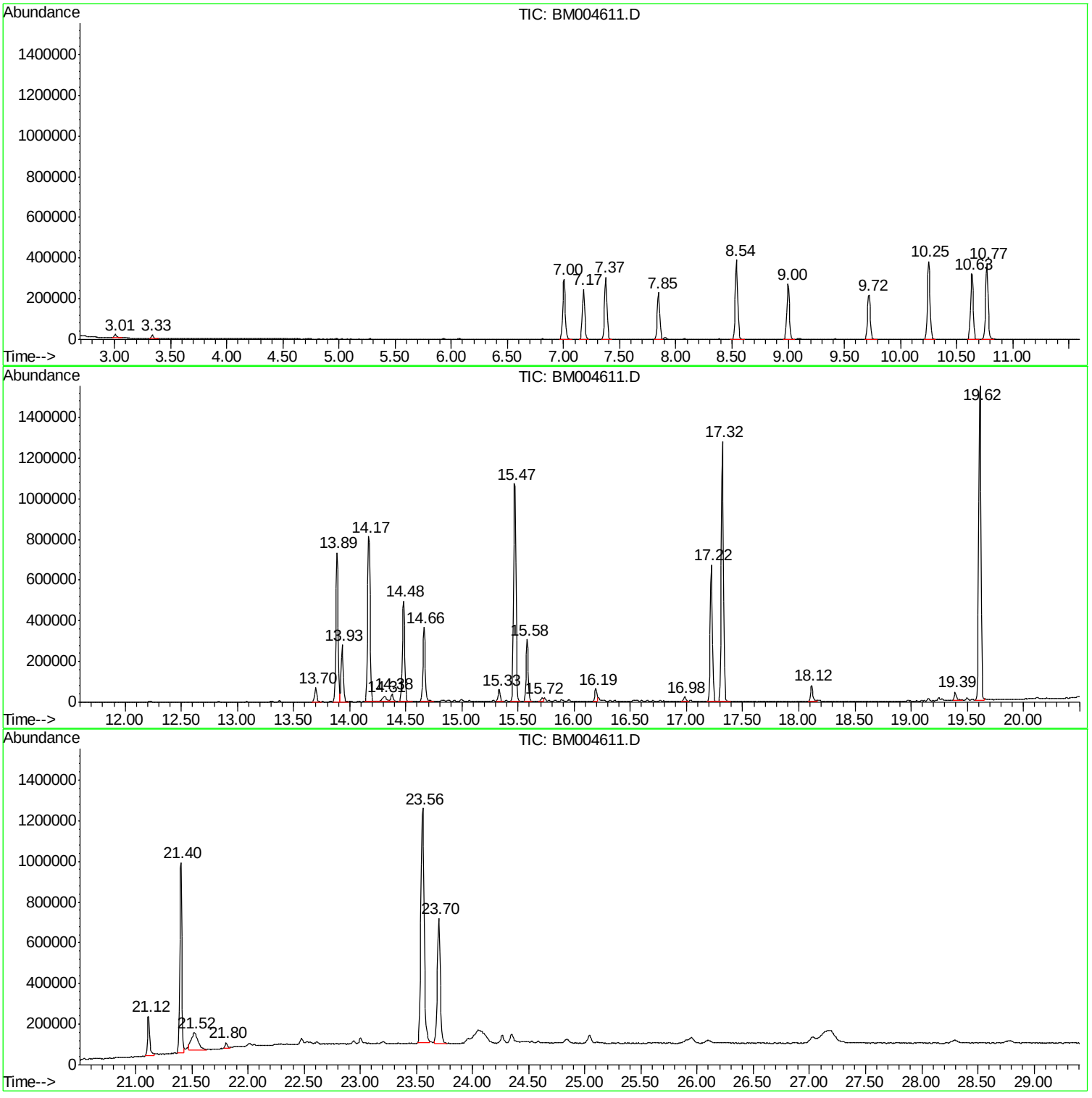
Data File : BM004611.D
Acq On : 15 Mar 2016 23:11
Operator : UM/SJ
Sample : H1710-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-DS-D70

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BM004611.D
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Instrument : BNA_M
ClientSampleId : MS-DS-D70

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

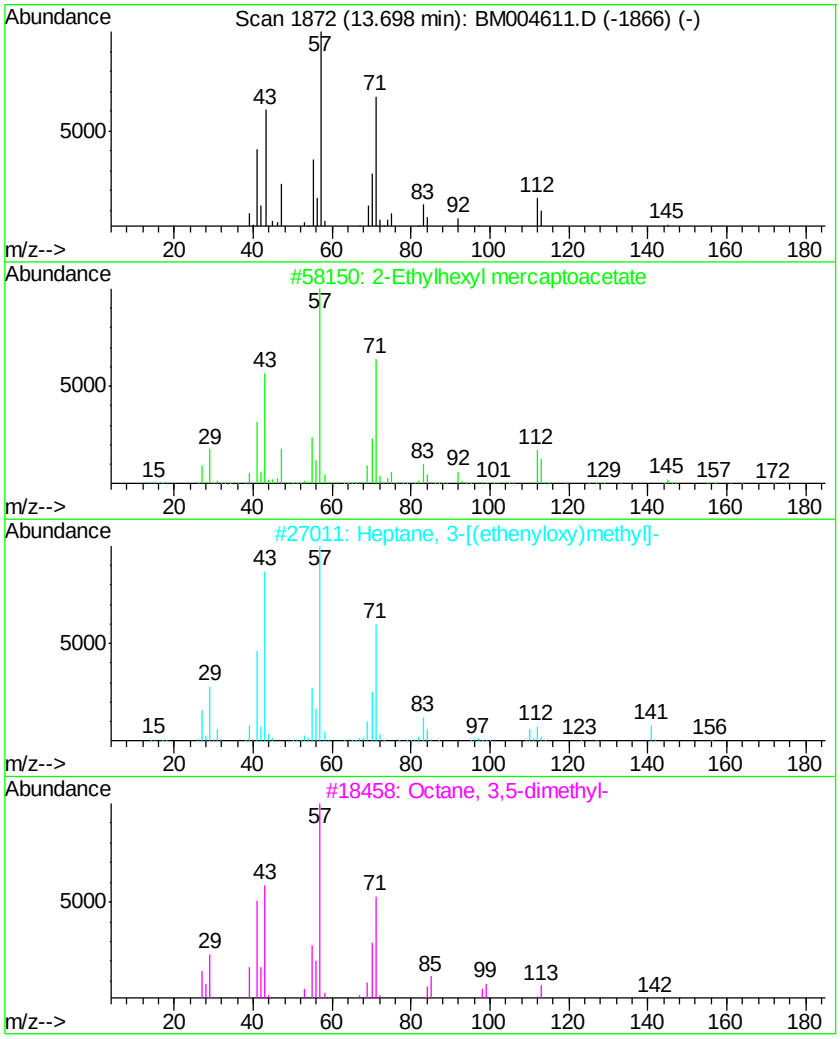
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

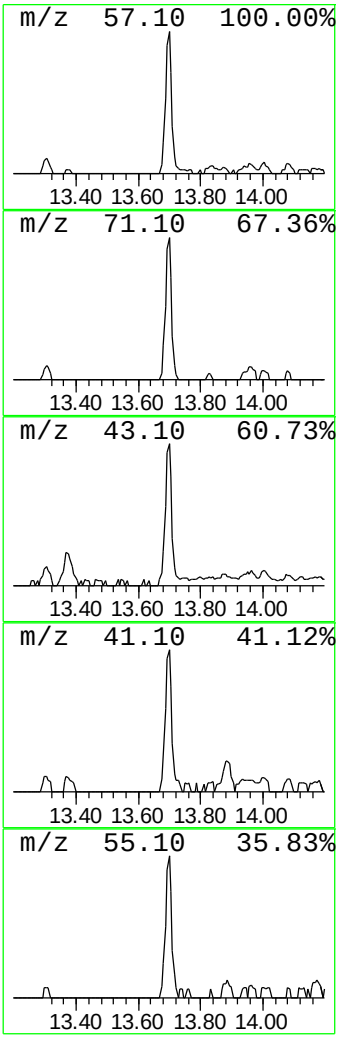
****

Peak Number 1 2-Ethylhexyl mercaptoacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.53 ng/ul	97948	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	87
2	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	53
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	50
5	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	50





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MS-DS-D70

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

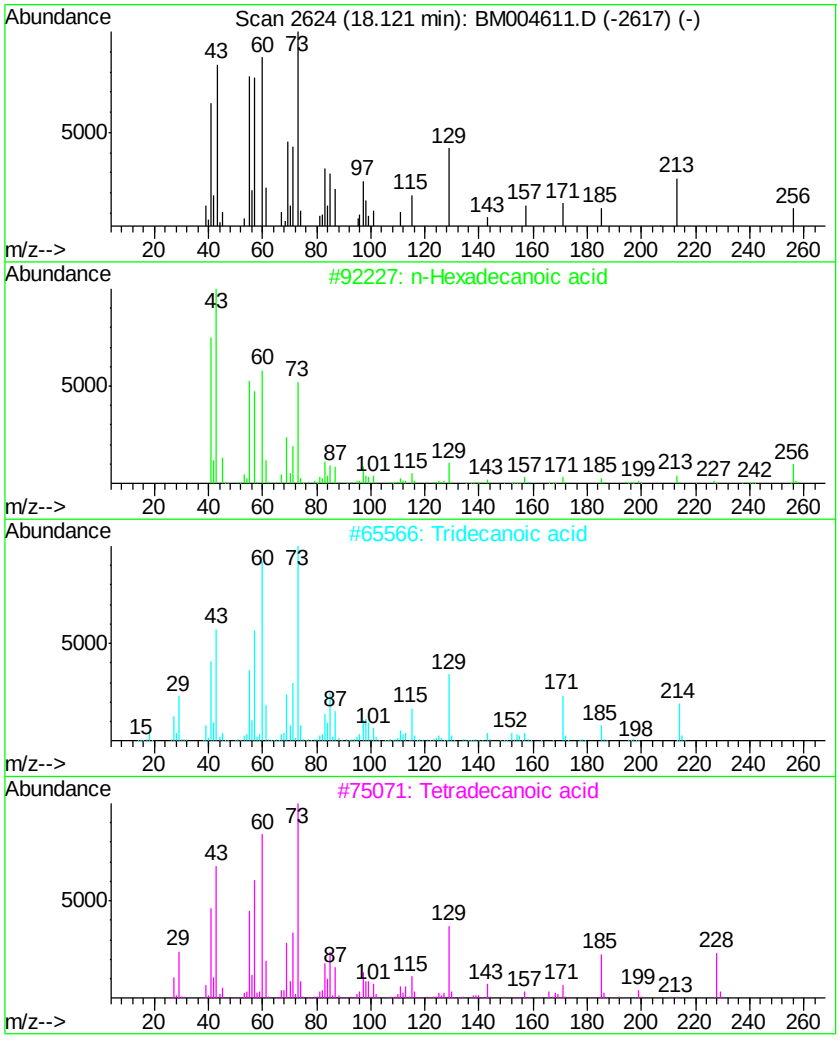
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

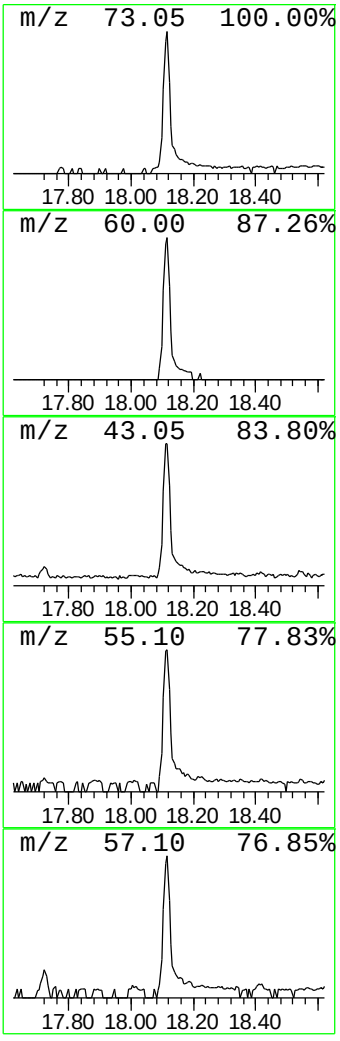
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.59 ng/ul	122813	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





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Operator : UM/SJ
Sample : H1710-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MS-DS-D70

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

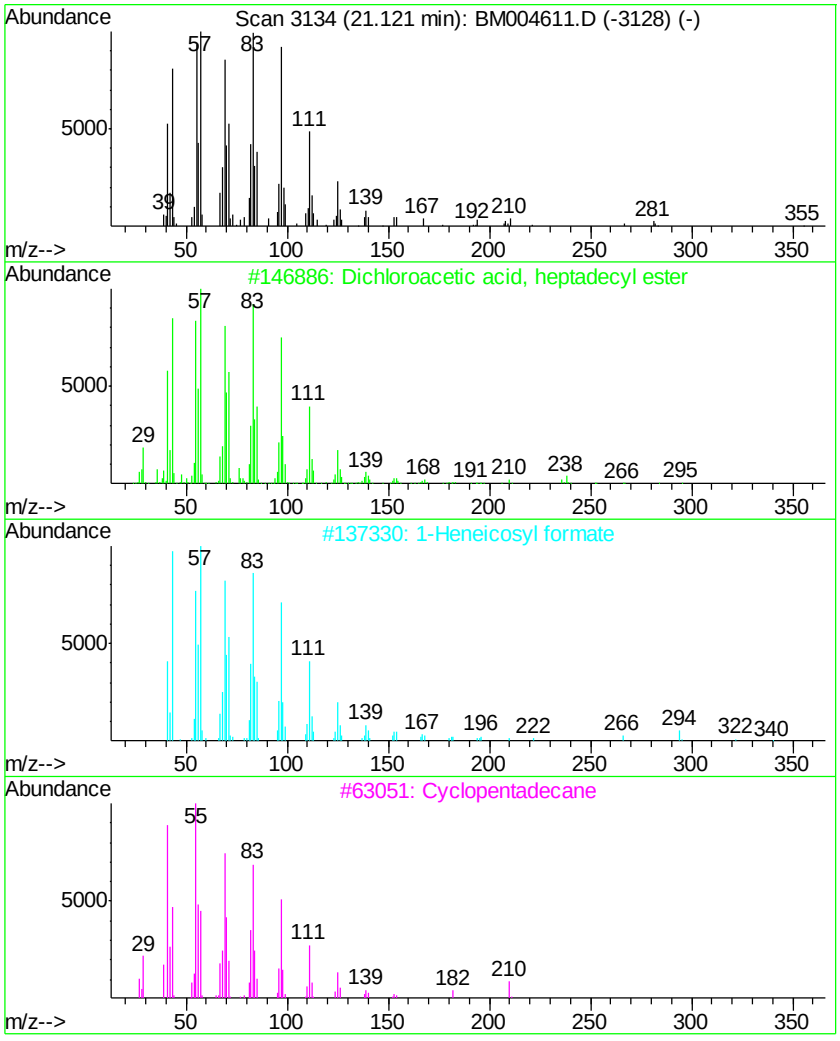
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

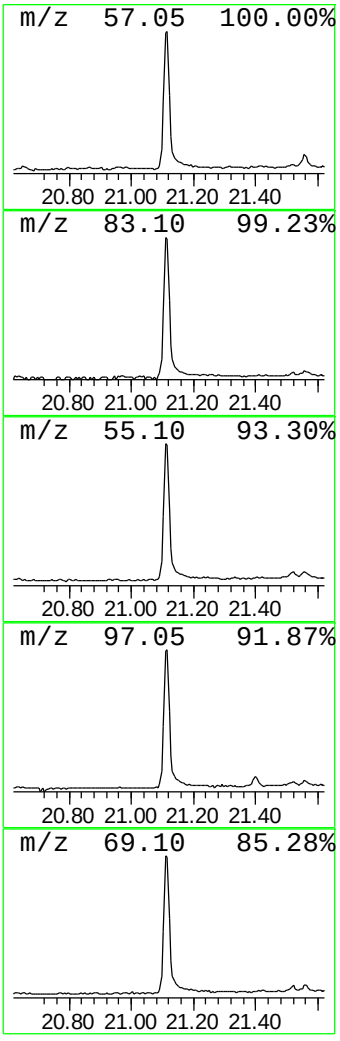
****

Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	4.40 ng/ul	275399	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





Library Search Compound Report

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ClientSampleId : MS-DS-D70

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Quant Title : SVOA CALIBRATION

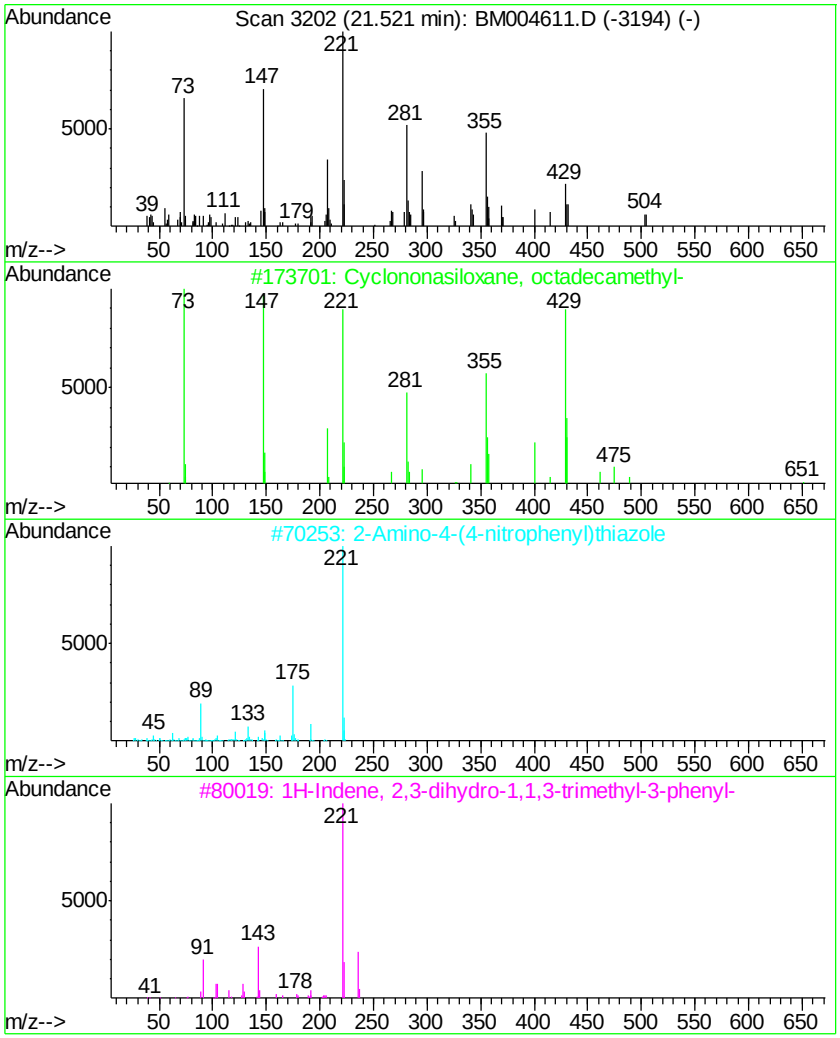
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

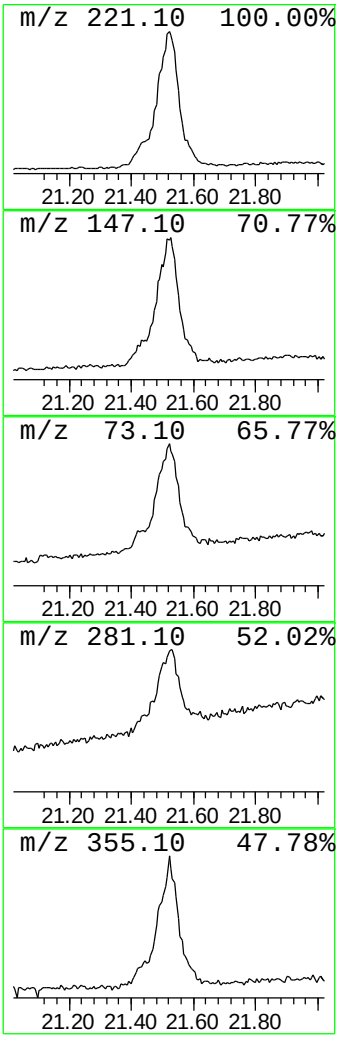
****

Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	5.45 ng/ul	341186	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	38
2	2-Amino-4-(4-nitrophenyl)thiazole	221	C9H7N3O2S	002104-09-8	22
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	16
4	1,4-Benzenediol, 2,5-bis(1,1-dim...	250	C16H26O2	000079-74-3	16
5	Indole, 2-benzoyl-	221	C15H11NO	001022-86-2	16





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Ethylhexyl merc...	13.70	2.5	ng/ul	97948	3	14.48	774879	20.0
n-Hexadecanoic acid	18.12	2.6	ng/ul	122813	4	17.22	949330	20.0
Dichloroacetic ac...	21.12	4.4	ng/ul	275399	5	21.40	1252480	20.0
unknown-01	21.52	5.5	ng/ul	341186	5	21.40	1252480	20.0