LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084650.D
Acq On : 29 Jan 2016 22:14
Operator : SJ/IZ
Sample : H1273-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B009(45-48)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF012916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.190	181	184	190	rBV	221659	319040	5.26%	0.621%
2	4.887	241	245	257	rVB	2412658	3965081	65.43%	7.713%
3	5.321	281	283	286	rBV	4397762	4742306	78.25%	9.225%
4	5.721	316	318	321	rBV	257481	244734	4.04%	0.476%
5	6.373	372	375	377	rBV	4804390	5169319	85.30%	10.055%
6	6.499	383	386	388	rBV	3684240	5252593	86.68%	10.217%
7	6.716	403	405	408	rBV	754311	992207	16.37%	1.930%
8	6.876	417	419	422	rBV	3793107	3653331	60.29%	7.106%
9	7.287	452	455	458	rBV	2704876	3038134	50.13%	5.910%
10	7.402	461	465	472	rBV	58873	93821	1.55%	0.182%
11	8.007	516	518	520	rBV	1615387	1394543	23.01%	2.713%
12	9.093	610	613	615	rBV	5478999	6060081	100.00%	11.788%
13	9.482	645	647	649	rBV	886091	849344	14.02%	1.652%
14	9.699	664	666	669	rBV	49200	63867	1.05%	0.124%
15	9.756	669	671	674	rVB	1495410	1401059	23.12%	2.725%
16	10.202	709	710	712	rVB	85241	63255	1.04%	0.123%
17	10.545	737	740	743	rBV2	2813946	3260418	53.80%	6.342%
18	10.671	750	751	756	rVB	74525	100131	1.65%	0.195%
19	11.242	798	801	803	rBV	1161617	1223052	20.18%	2.379%
20	11.413	815	816	819	rVB	84240	78446	1.29%	0.153%
21	11.791	846	849	852	rBV	117841	153007	2.52%	0.298%
22	12.831	937	940	942	rBV	5929605	5893426	97.25%	11.464%
23	13.768	1018	1022	1028	rBV	135304	444703	7.34%	0.865%
24	13.871	1028	1031	1033	rVV	1703410	1635652	26.99%	3.182%
25	15.254	1149	1152	1155	rBV	1123222	1317337	21.74%	2.562%

Sum of corrected areas: 51408887

LSC Report - Integrated Chromatogram

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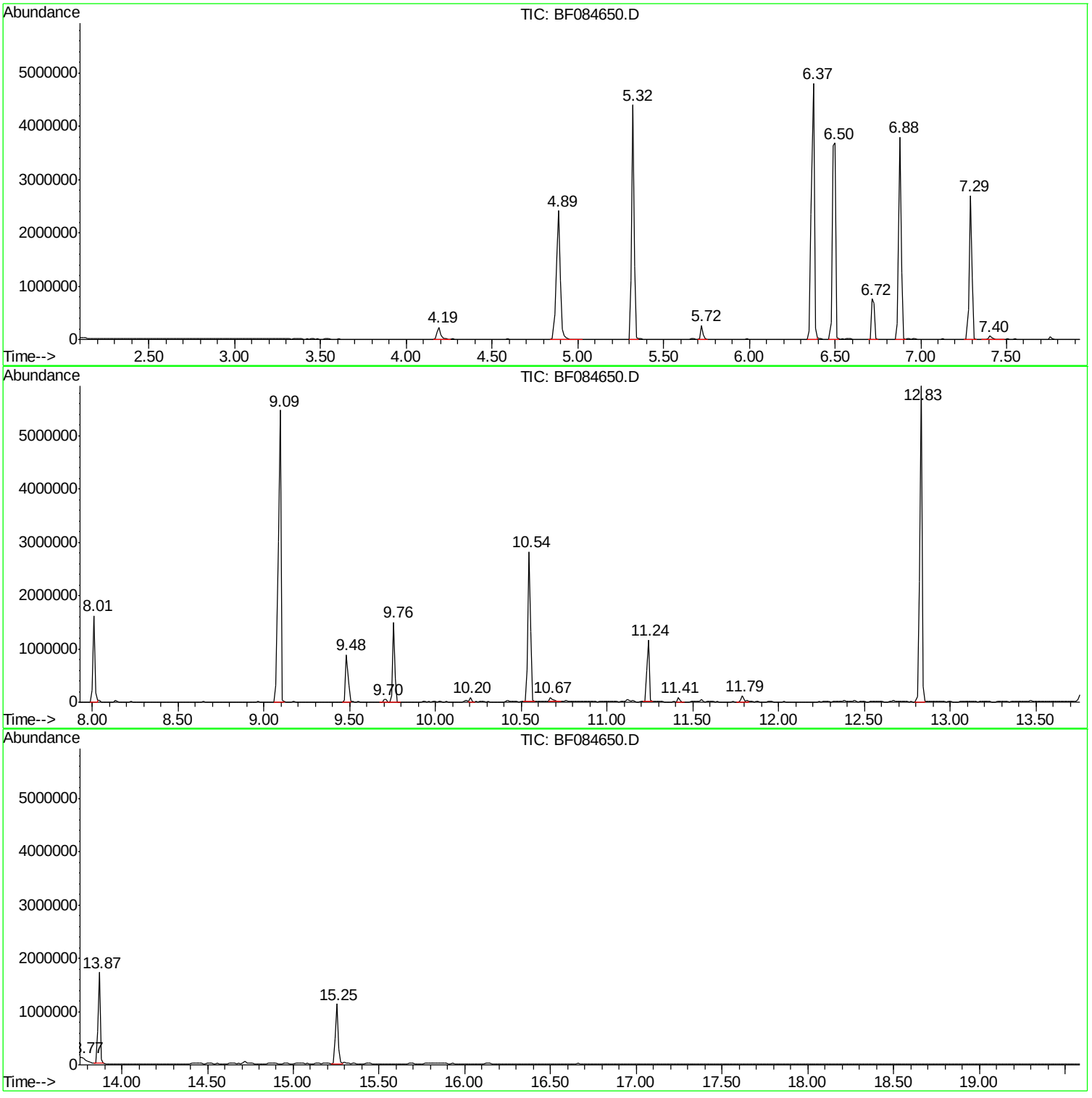
Instrument :
BNA_F
ClientSampleId :
SUP-B009(45-48)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Operator : SJ/IZ
Sample : H1273-04
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B009(45-48)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

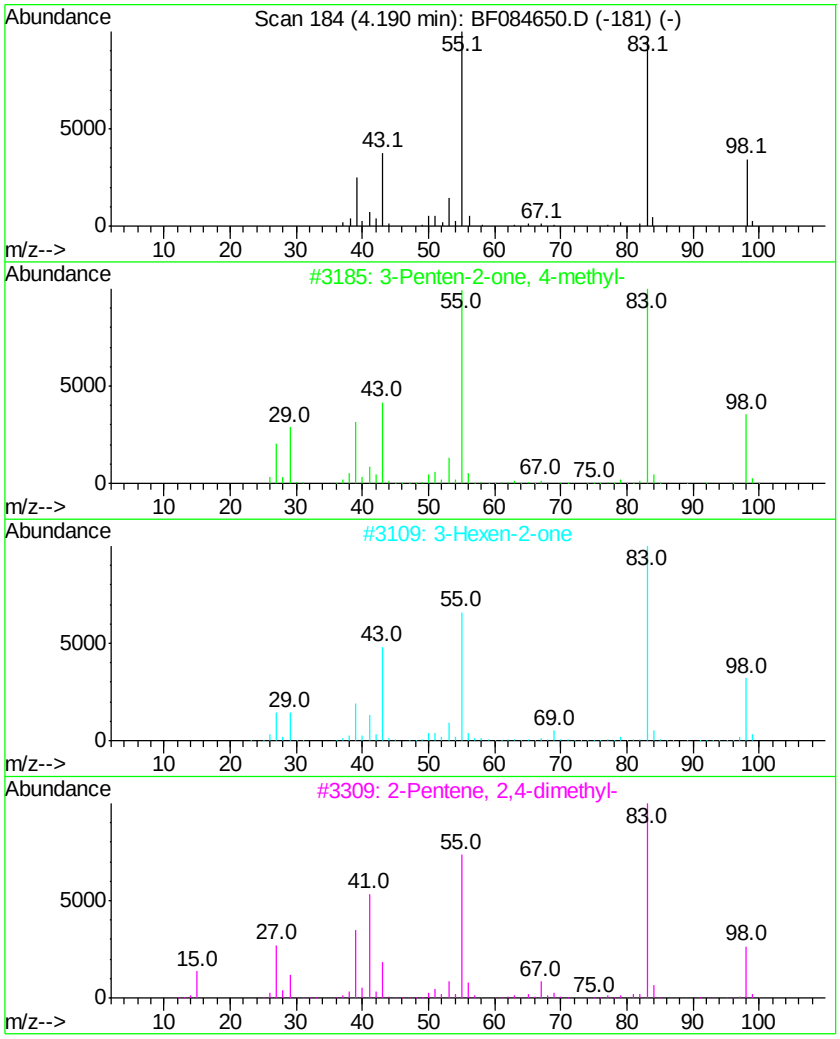
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

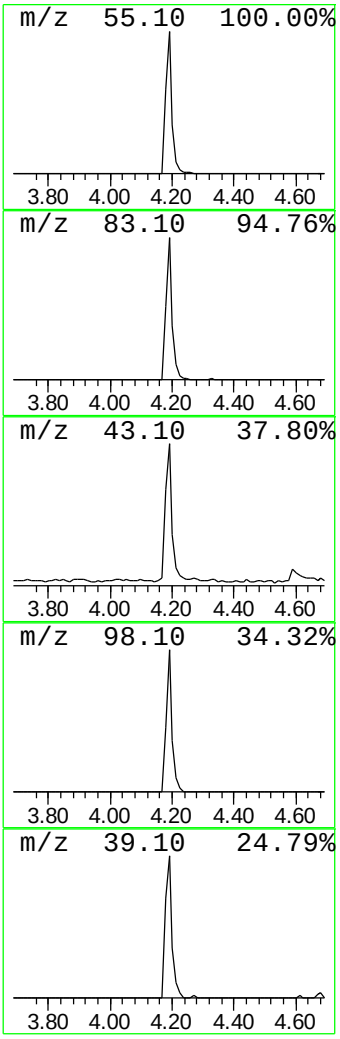
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	6.43 ng	319040	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





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Sample : H1273-04
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B009(45-48)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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TIC Library : C:\DATABASE\NIST02.L
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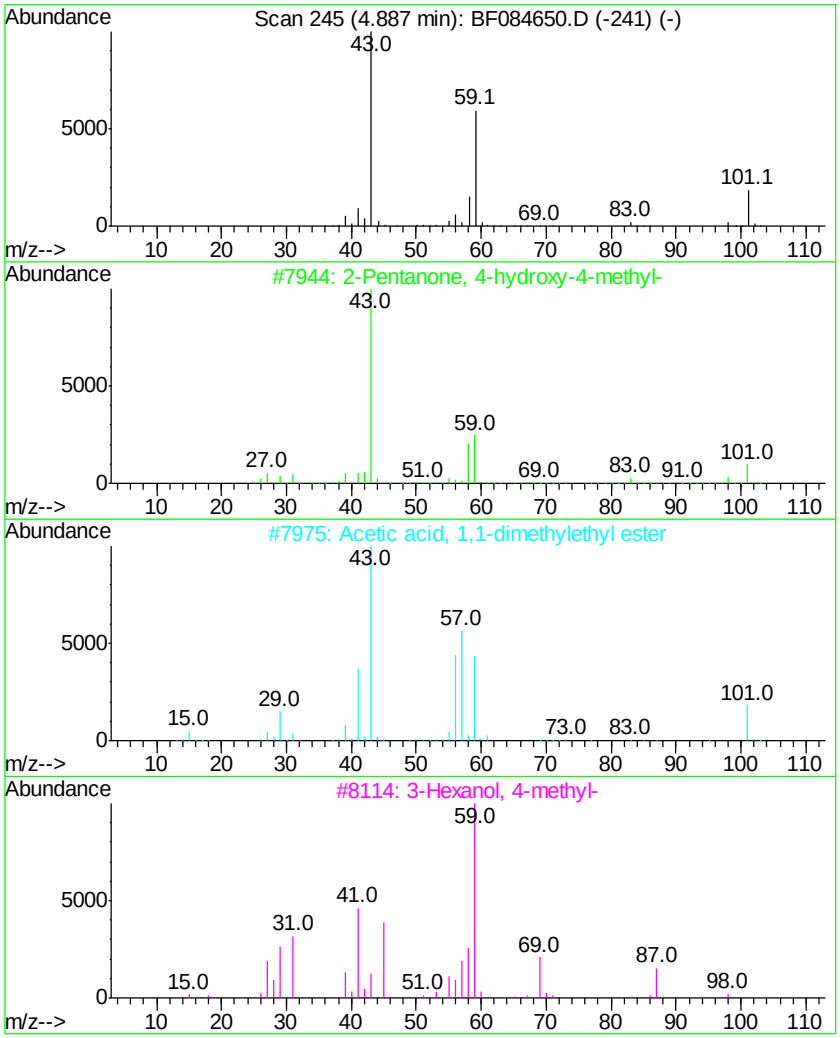
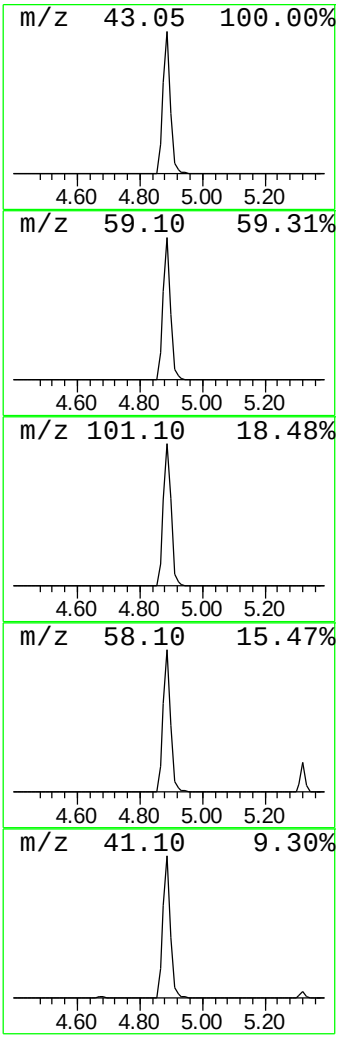
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	79.92 ng	3965080	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084650.D
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Operator : SJ/IZ
Sample : H1273-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B009(45-48)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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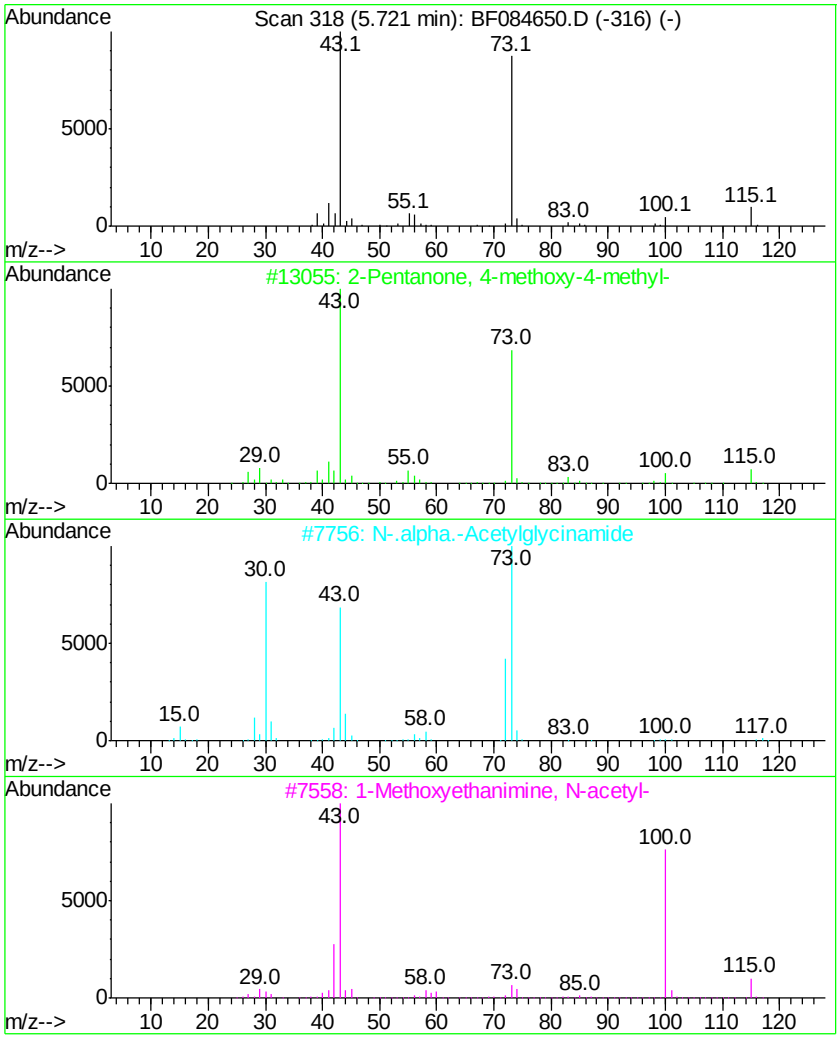
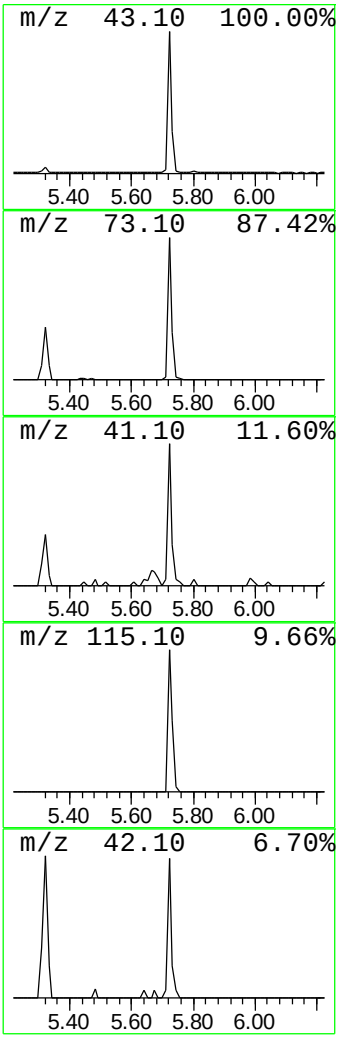
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	4.93 ng	244734	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	37
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	17





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ClientSampleId : SUP-B009(45-48)

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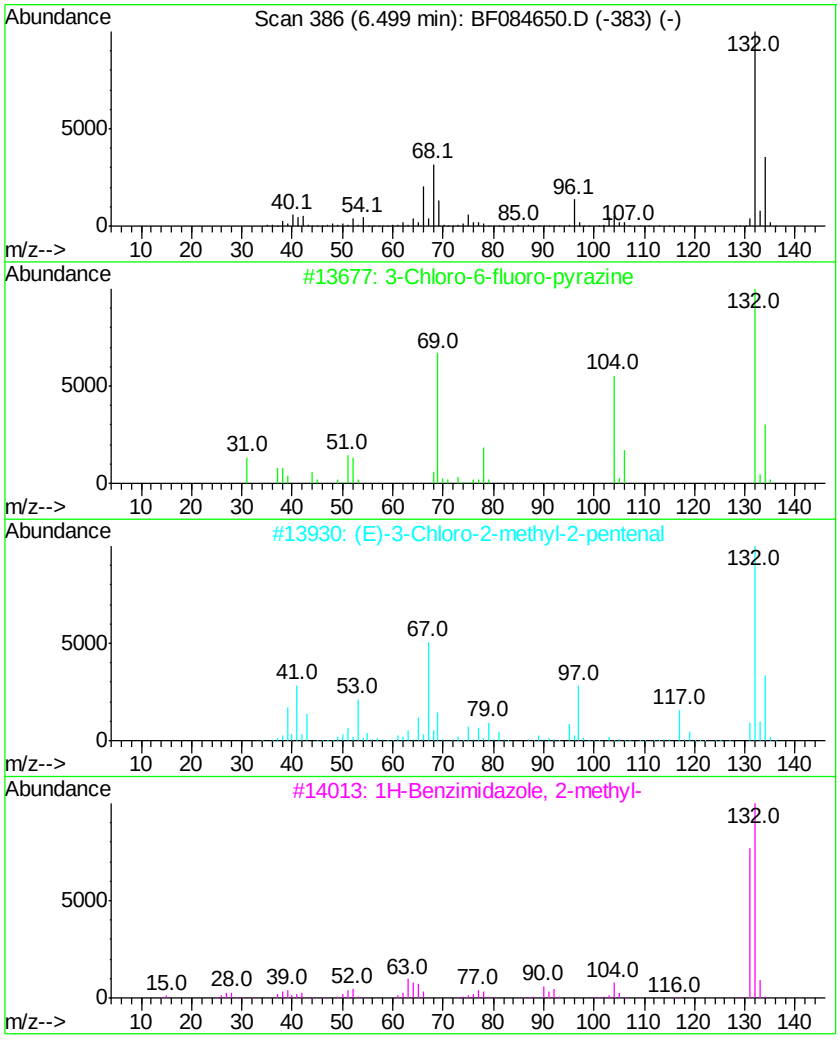
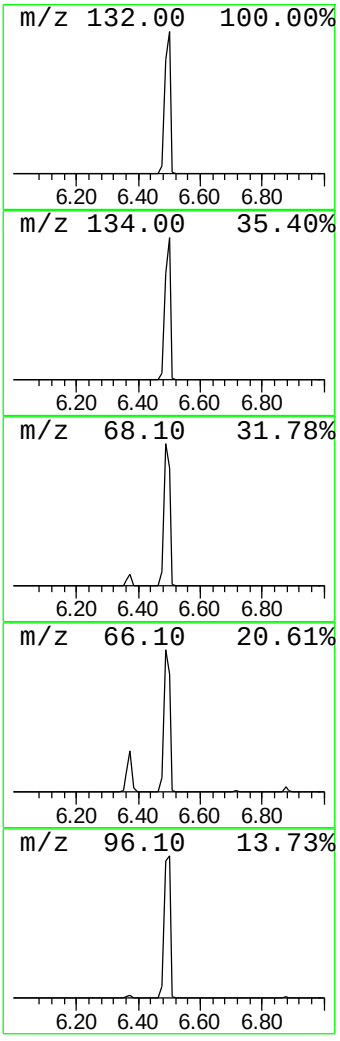
Peak Number 4 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	105.88 ng	5252590	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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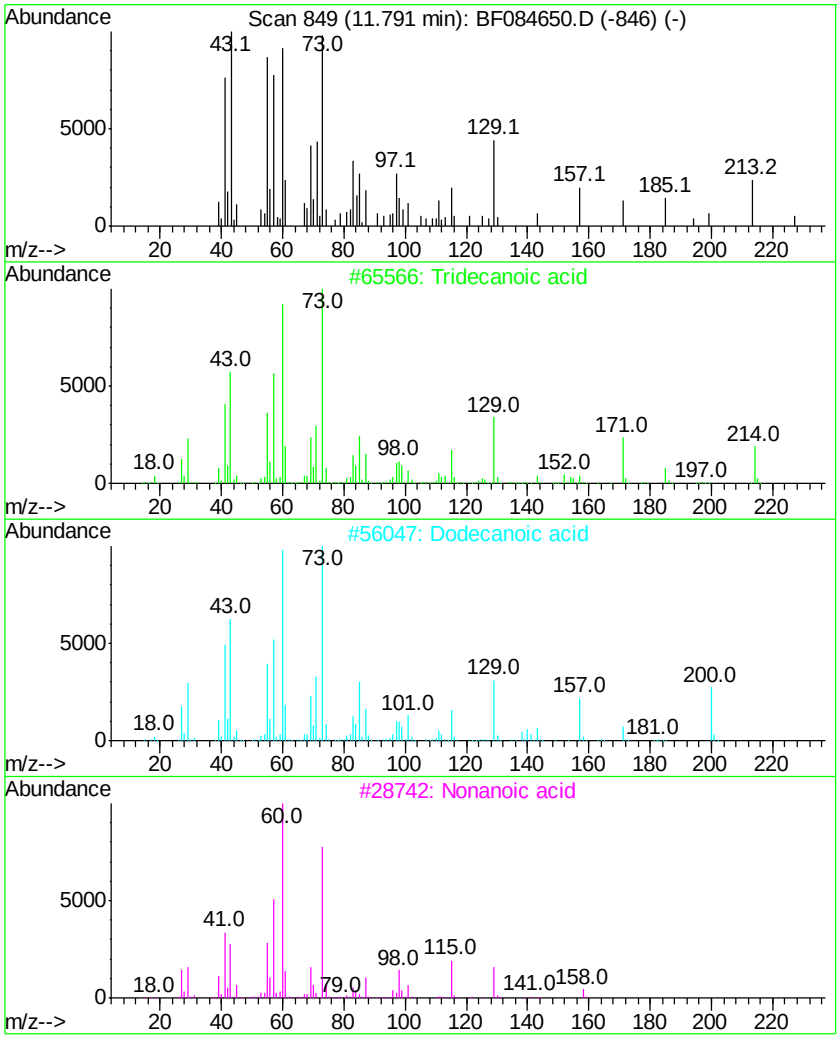
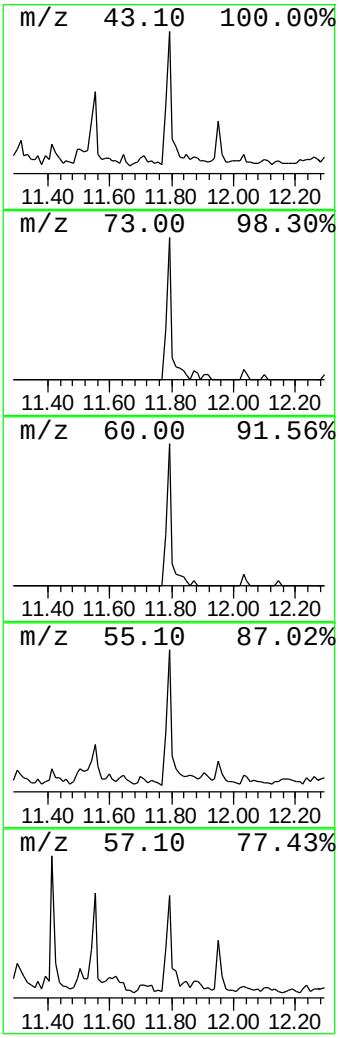
****

Peak Number 6 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.50 ng	153007	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	64
2	Dodecanoic acid	200	C12H24O2	000143-07-7	58
3	Nonanoic acid	158	C9H18O2	000112-05-0	22
4	Decane	142	C10H22	000124-18-5	11
5	Hexadecane	226	C16H34	000544-76-3	11





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TIC Integration Parameters: LSCINT.P

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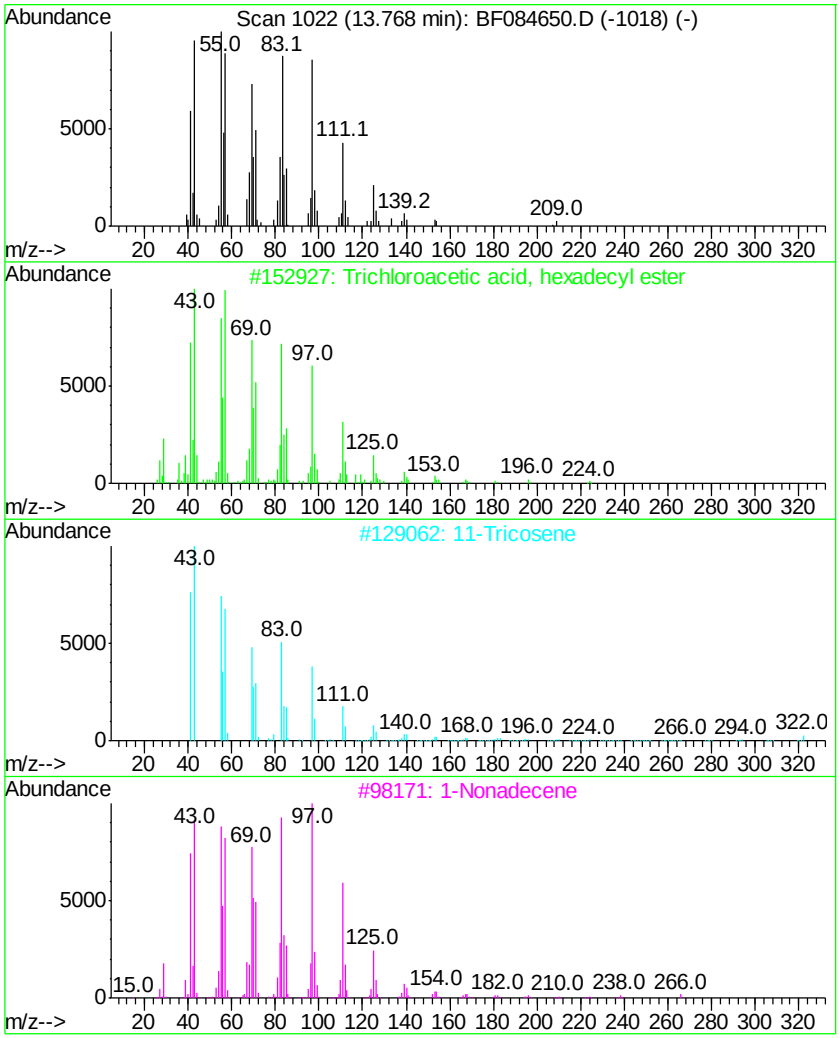
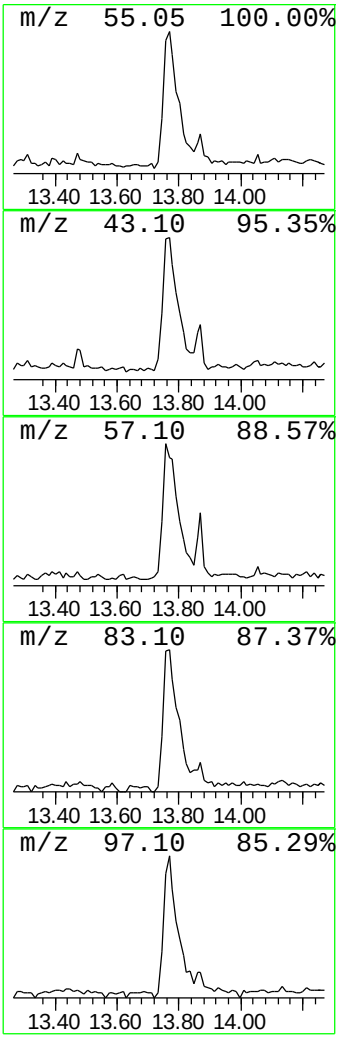
Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	5.44 ng	444703	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	11-Tricosene	322	C23H46	052078-56-5	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
5	1-Docosene	308	C22H44	001599-67-3	81





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.19	6.4	ng	319040	1	6.73	992207	20.0
2-Pentanone, 4-hy...	4.89	79.9	ng	3965080	1	6.73	992207	20.0
2-Pentanone, 4-me...	5.72	4.9	ng	244734	1	6.73	992207	20.0
unknown6.50	6.50	105.9	ng	5252590	1	6.73	992207	20.0
Tridecanoic acid	11.79	2.5	ng	153007	4	11.24	1223050	20.0
Trichloroacetic a...	13.77	5.4	ng	444703	5	13.87	1635650	20.0