LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
Data File : BF082138.D
Acq On : 8 Oct 2015 20:41
Operator : UM/IZ
Sample : G3960-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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-BF092815.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	2.491	29	31	38	rVB	36238	56432	2.01%	0.326%
2	4.674	220	222	228	rVB	32419	37731	1.34%	0.218%
3	5.040	251	254	256	rBV	426735	499135	17.76%	2.880%
4	5.451	288	290	293	rBV	736610	779558	27.74%	4.497%
5	6.491	378	381	383	rBV	365111	497558	17.71%	2.870%
6	6.629	390	393	395	rBV	1662346	1658428	59.02%	9.568%
7	6.857	411	413	416	rBV	413902	447037	15.91%	2.579%
8	7.017	425	427	429	rBV	1784412	1568637	55.82%	9.050%
9	7.429	461	463	469	rBV	1136997	1162153	41.36%	6.705%
10	7.520	469	471	476	rVB	14409	32312	1.15%	0.186%
11	8.149	523	526	528	rBV	661142	597280	21.26%	3.446%
12	9.097	607	609	611	rBV	23708	28570	1.02%	0.165%
13	9.223	618	620	623	rBV	2164875	2264559	80.59%	13.065%
14	9.623	652	655	657	rBV	310393	285566	10.16%	1.647%
15	9.897	677	679	682	rBV	524891	701460	24.96%	4.047%
16	10.332	713	717	719	rBV2	43641	73183	2.60%	0.422%
17	10.549	732	736	737	rBV2	17902	34039	1.21%	0.196%
18	10.698	746	749	751	rBV	1332932	1523342	54.21%	8.788%
19	10.800	757	758	763	rVB	65621	77121	2.74%	0.445%
20	11.246	795	797	799	rBV	46001	49652	1.77%	0.286%
21	11.395	807	810	812	rBV	545304	719656	25.61%	4.152%
22	11.681	833	835	836	rBV	29131	33139	1.18%	0.191%
23	11.921	854	856	863	rBV	26353	50019	1.78%	0.289%
24	12.983	946	949	951	rBV	2350937	2810031	100.00%	16.211%
25	13.875	1024	1027	1036	rBV	51297	111802	3.98%	0.645%
26	14.024	1038	1040	1043	rBV	535941	677330	24.10%	3.908%
27	15.475	1163	1167	1175	rBV	325097	557902	19.85%	3.219%

Sum of corrected areas: 17333632

LSC Report - Integrated Chromatogram

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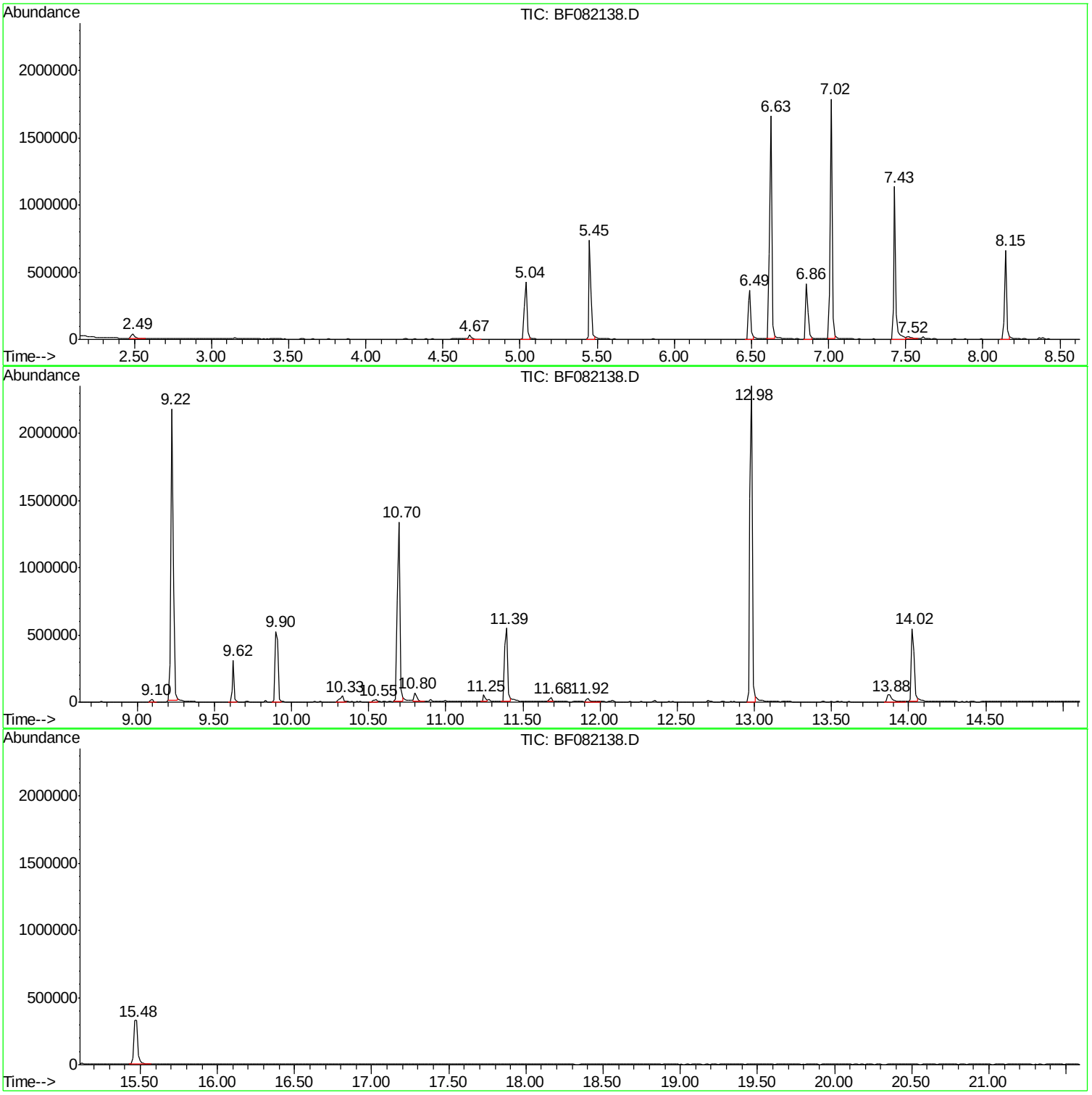
Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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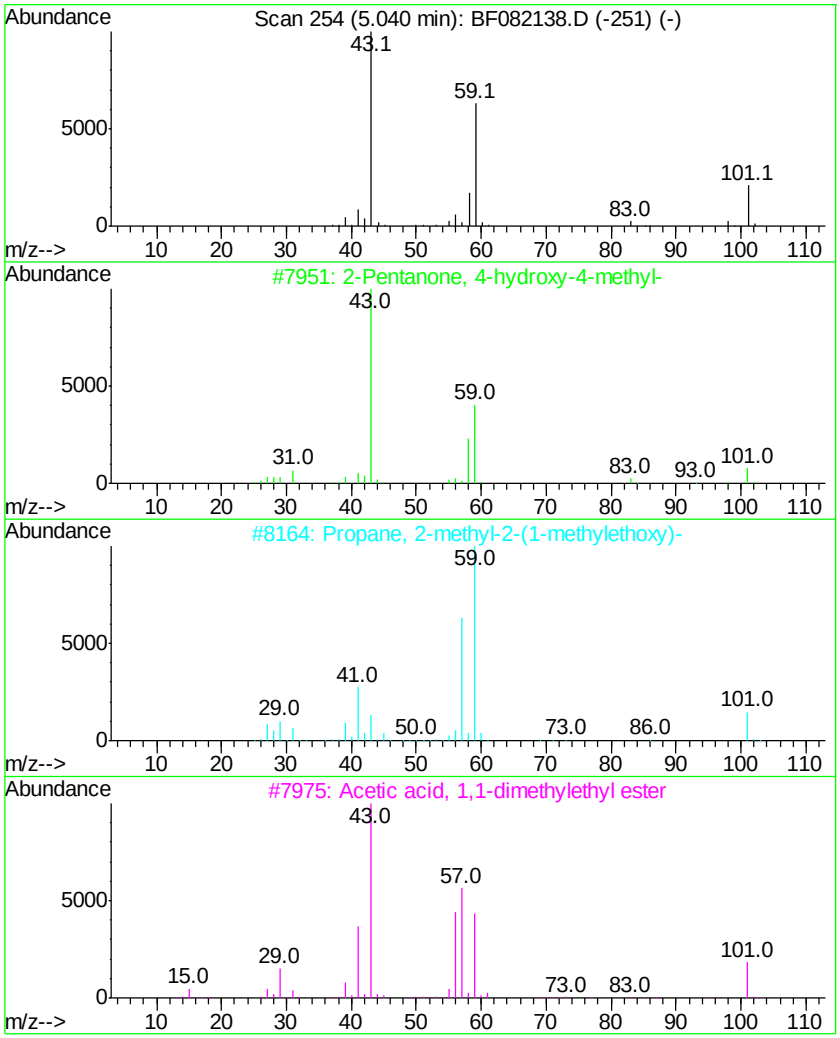
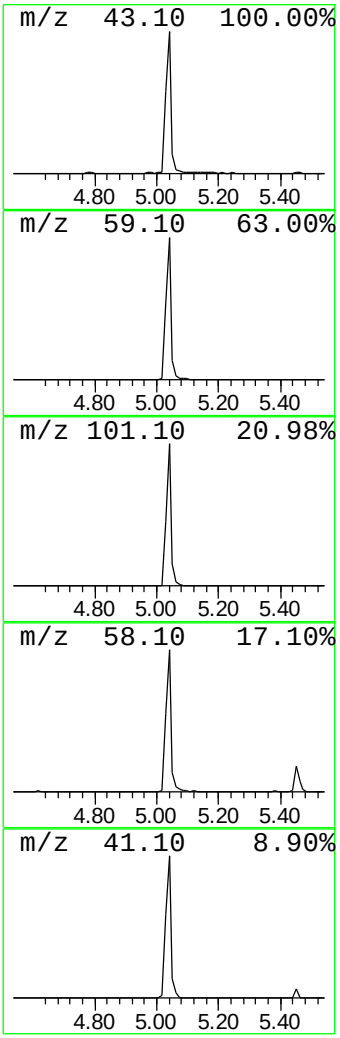
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	22.33 ng	499135	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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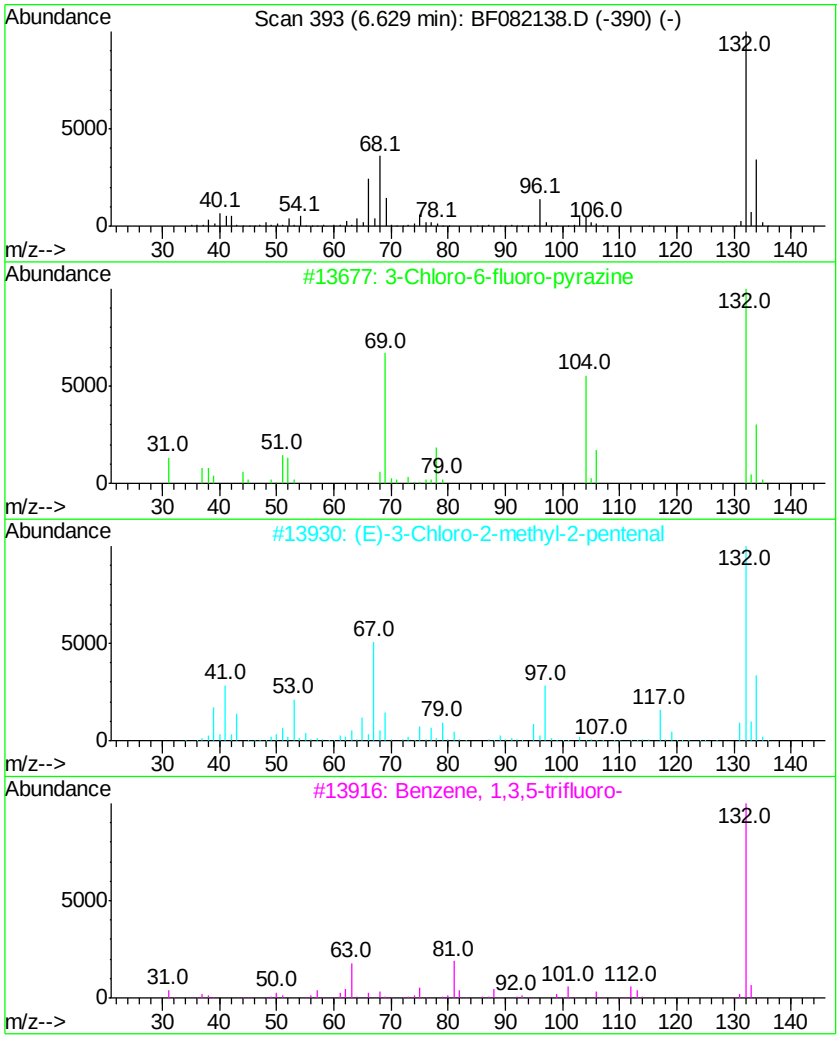
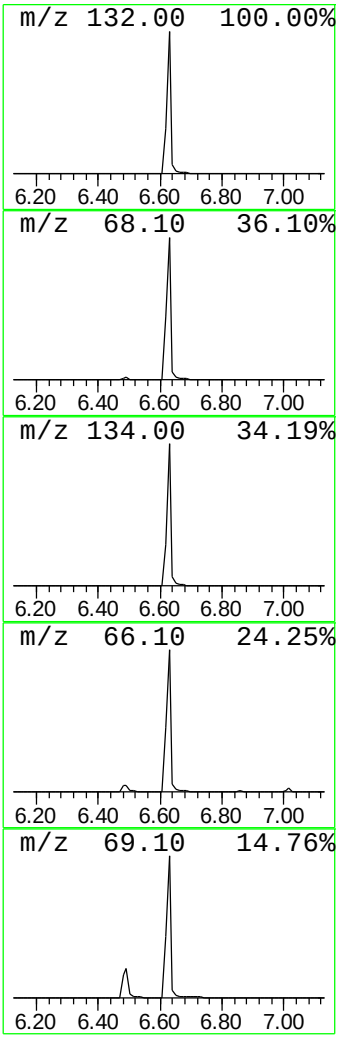
Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	74.20 ng	1658430	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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ClientSampleId : MW-3

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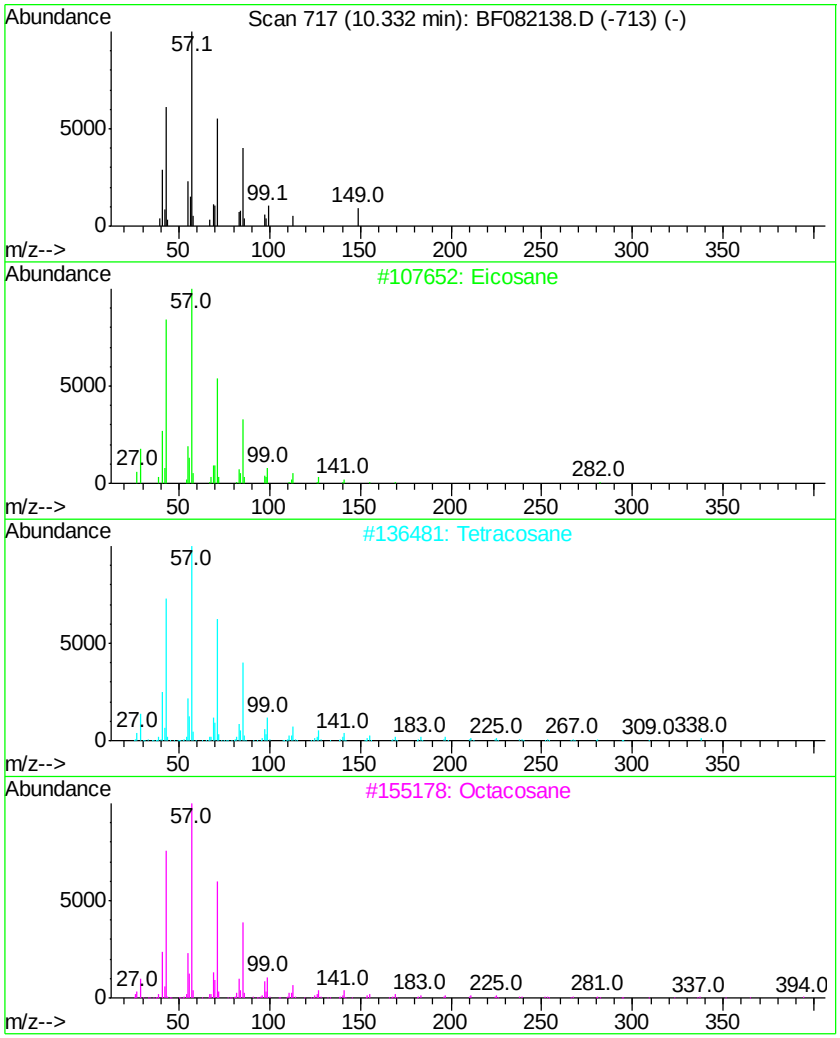
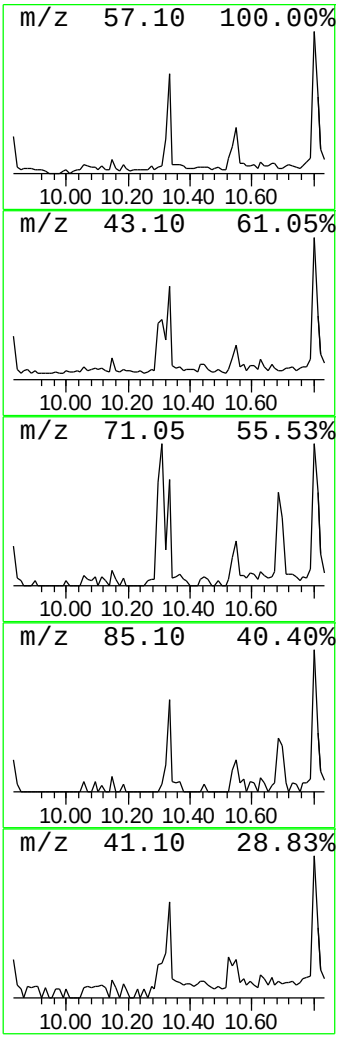
Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.09 ng	73183	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Tetracosane	338	C24H50	000646-31-1	86
3	Octacosane	394	C28H58	000630-02-4	80
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Heptadecane	240	C17H36	000629-78-7	78





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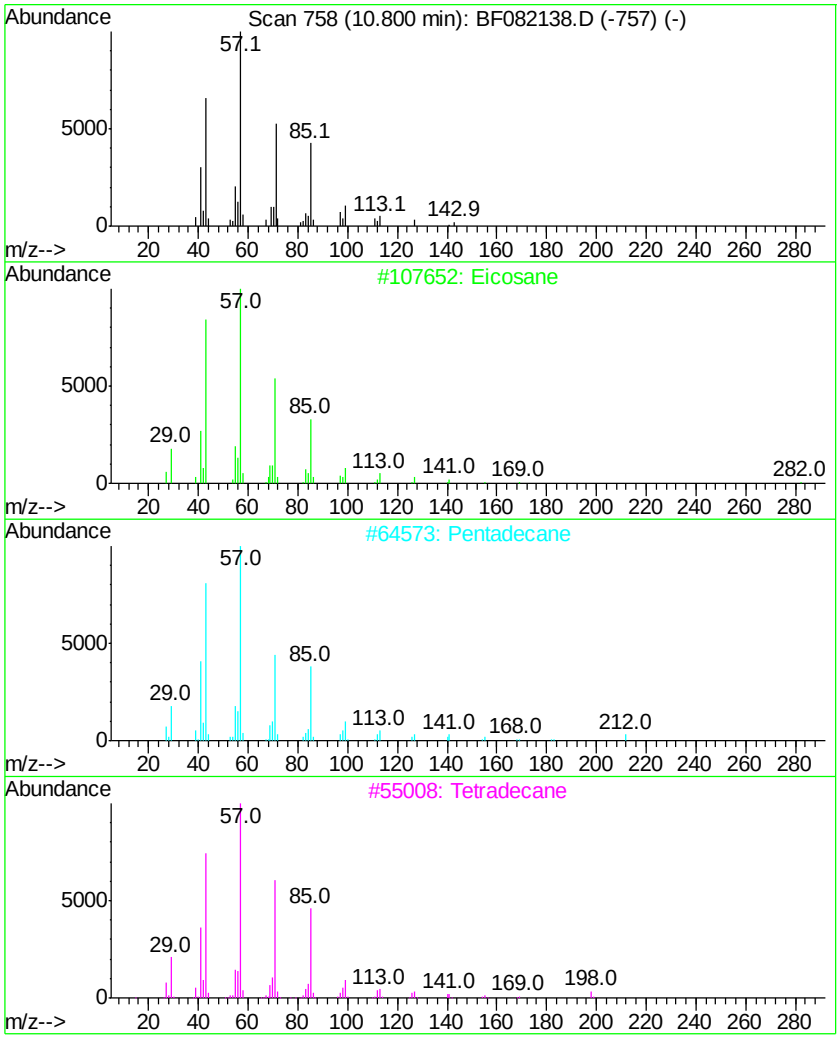
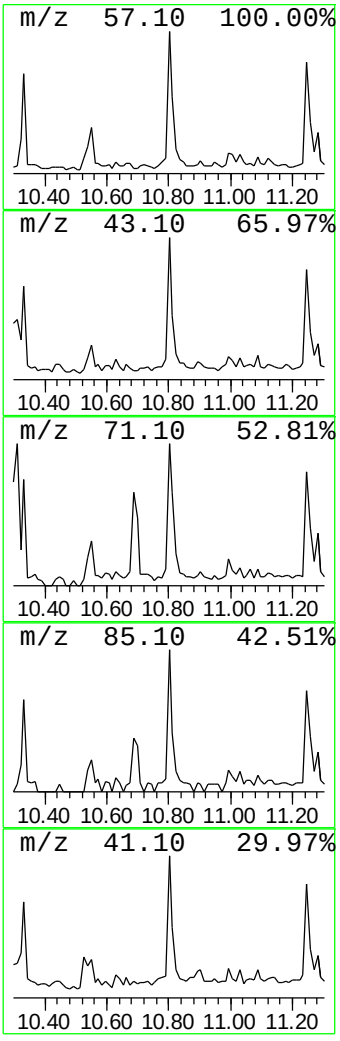
Peak Number 5 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.14 ng	77121	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Hexadecane	226	C16H34	000544-76-3	83





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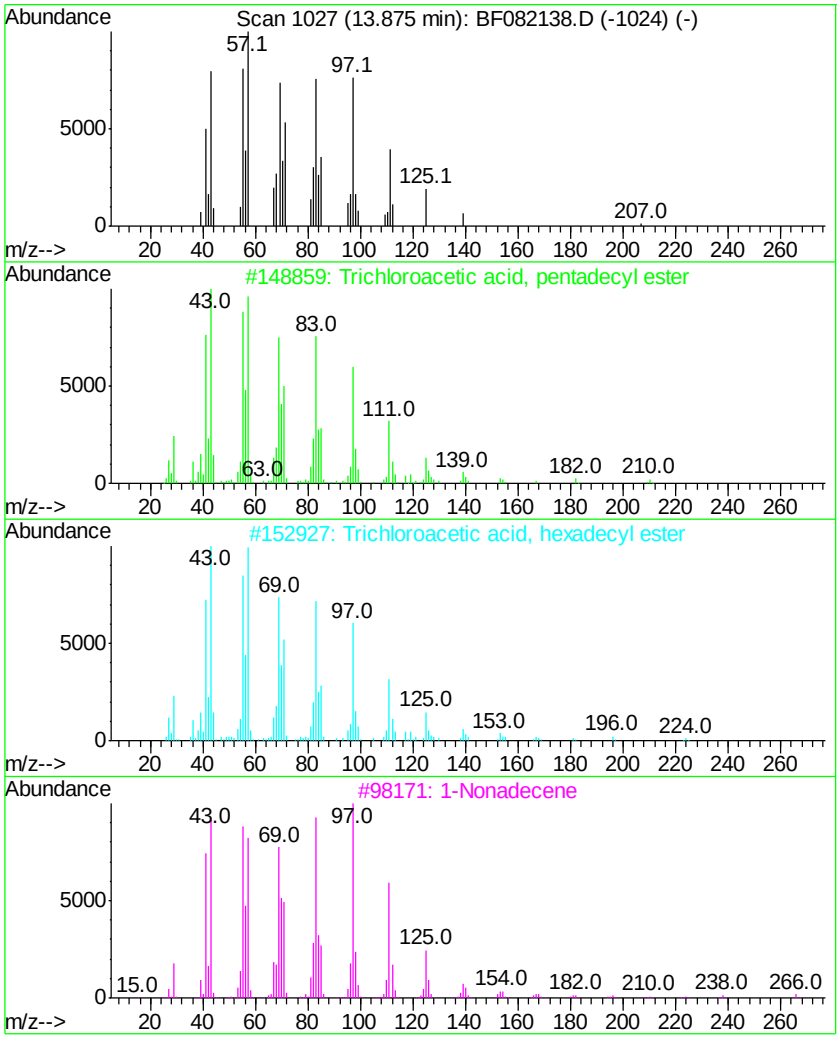
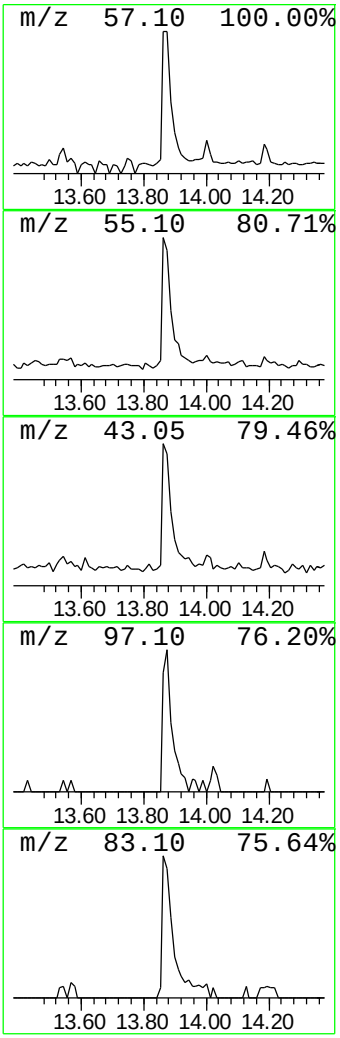
Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	3.30 ng	111802	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
5	11-Tricosene	322	C23H46	052078-56-5	90





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
2-Pentanone, 4-hy...	5.04	22.3	ng	499135	1	6.86	447037	20.0
unknown6.63	6.63	74.2	ng	1658430	1	6.86	447037	20.0
Eicosane	10.33	2.1	ng	73183	3	9.90	701460	20.0
Pentadecane	10.80	2.1	ng	77121	4	11.39	719656	20.0
Trichloroacetic a...	13.88	3.3	ng	111802	5	14.02	677330	20.0