LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083737.D
Acq On : 13 Dec 2015 18:56
Operator : UM/IZ
Sample : G4648-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09(27-29)

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-BF121315.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	5.116	262	265	270	rVB	538313	727467	19.01%	2.266%
2	5.527	298	301	303	rBV	3028877	3162644	82.66%	9.852%
3	6.544	387	390	392	rBV	2760284	3082077	80.55%	9.601%
4	6.682	399	402	405	rBV	2654287	3347608	87.49%	10.429%
5	6.922	420	423	425	rBV	567902	702714	18.37%	2.189%
6	7.070	434	436	439	rBV	2079608	2719471	71.07%	8.472%
7	7.482	468	472	474	rBV	1644737	2388113	62.41%	7.440%
8	8.202	532	535	537	rBV	1001911	962312	25.15%	2.998%
9	9.276	626	629	632	rBV	3777492	3826272	100.00%	11.920%
10	9.665	661	663	666	rVB	809471	683886	17.87%	2.130%
11	9.893	681	683	686	rBV	66090	52926	1.38%	0.165%
12	9.950	686	688	691	rVB	1170805	1063076	27.78%	3.312%
13	10.396	723	727	728	rBV	68851	82223	2.15%	0.256%
14	10.613	743	746	749	rBV	28088	47763	1.25%	0.149%
15	10.739	754	757	759	rBV	2297308	2411572	63.03%	7.513%
16	10.865	765	768	772	rBV	92389	111302	2.91%	0.347%
17	11.311	805	807	808	rBV	58158	47253	1.23%	0.147%
18	11.425	815	817	820	rVB	763312	1021496	26.70%	3.182%
19	12.842	939	941	944	rVB	91877	78186	2.04%	0.244%
20	13.014	953	956	959	rBV	3354033	3640497	95.14%	11.341%
21	13.551	1000	1003	1005	rBV	39364	52940	1.38%	0.165%
22	13.905	1032	1034	1045	rBV	374416	448958	11.73%	1.399%
23	14.054	1045	1047	1050	rVV	845694	796891	20.83%	2.483%
24	15.494	1170	1173	1176	rBV	494940	603874	15.78%	1.881%
25	16.020	1216	1219	1222	rVB	23865	38618	1.01%	0.120%

Sum of corrected areas: 32100139

LSC Report - Integrated Chromatogram

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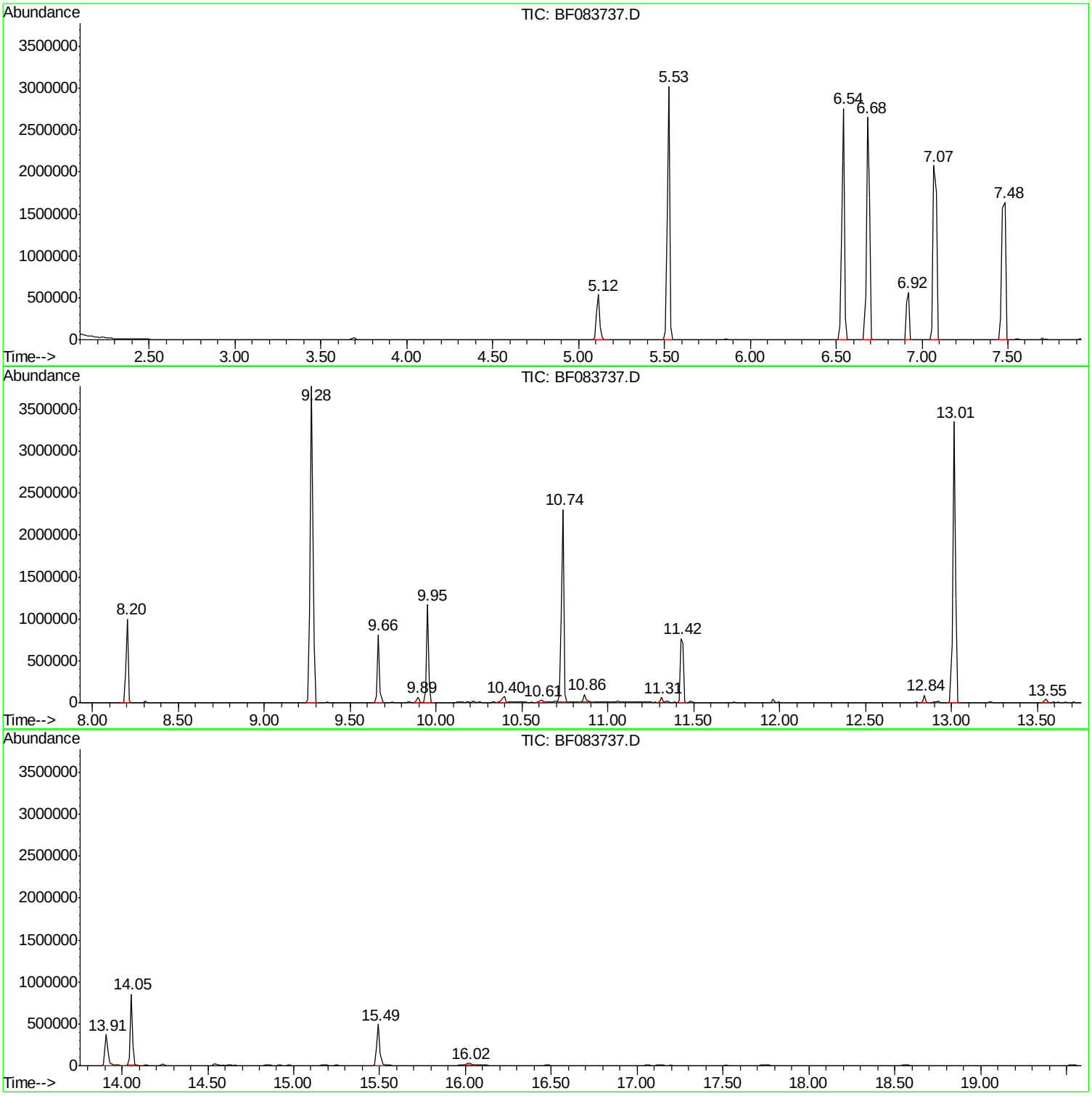
SB-09(27-29)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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 : UM/IZ
Sample : G4648-16
Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-09(27-29)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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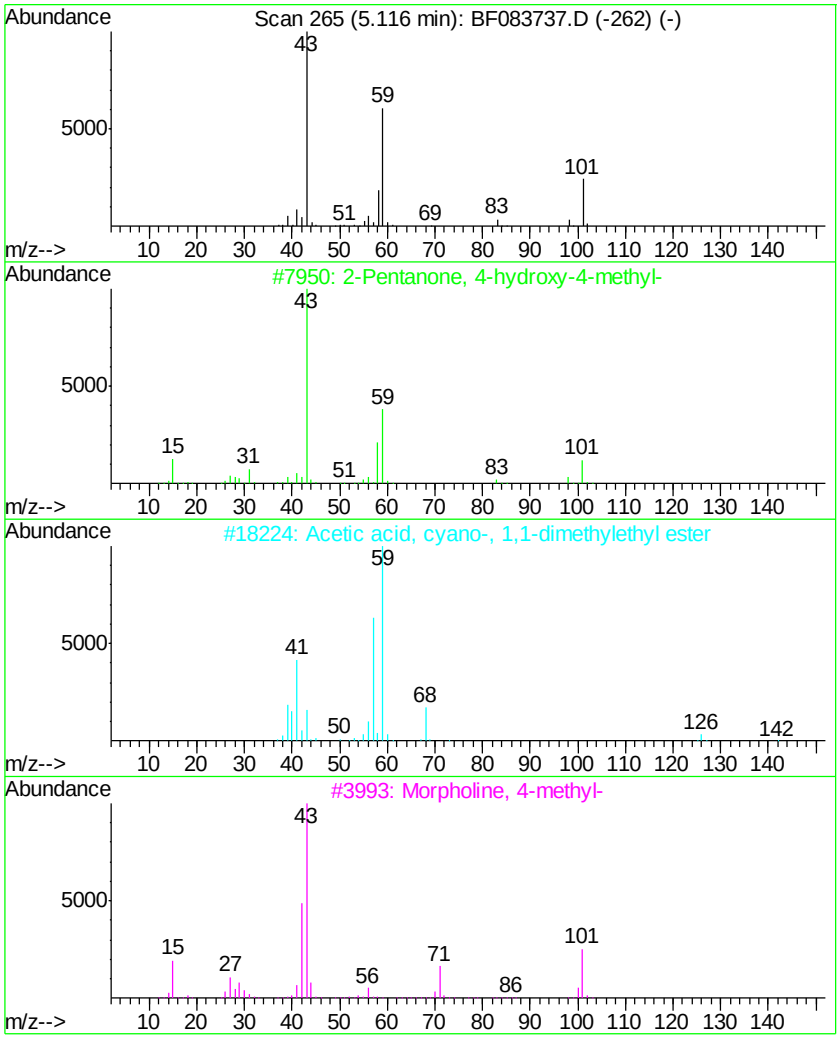
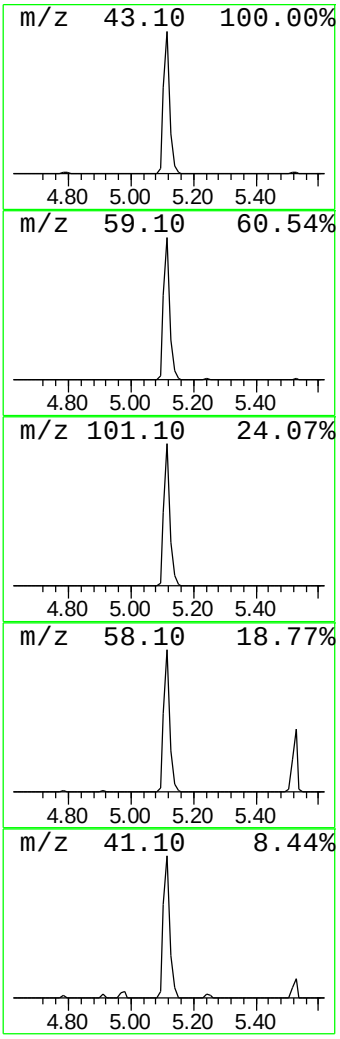
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	20.70 ng	727467	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Instrument :
BNA_F
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SB-09(27-29)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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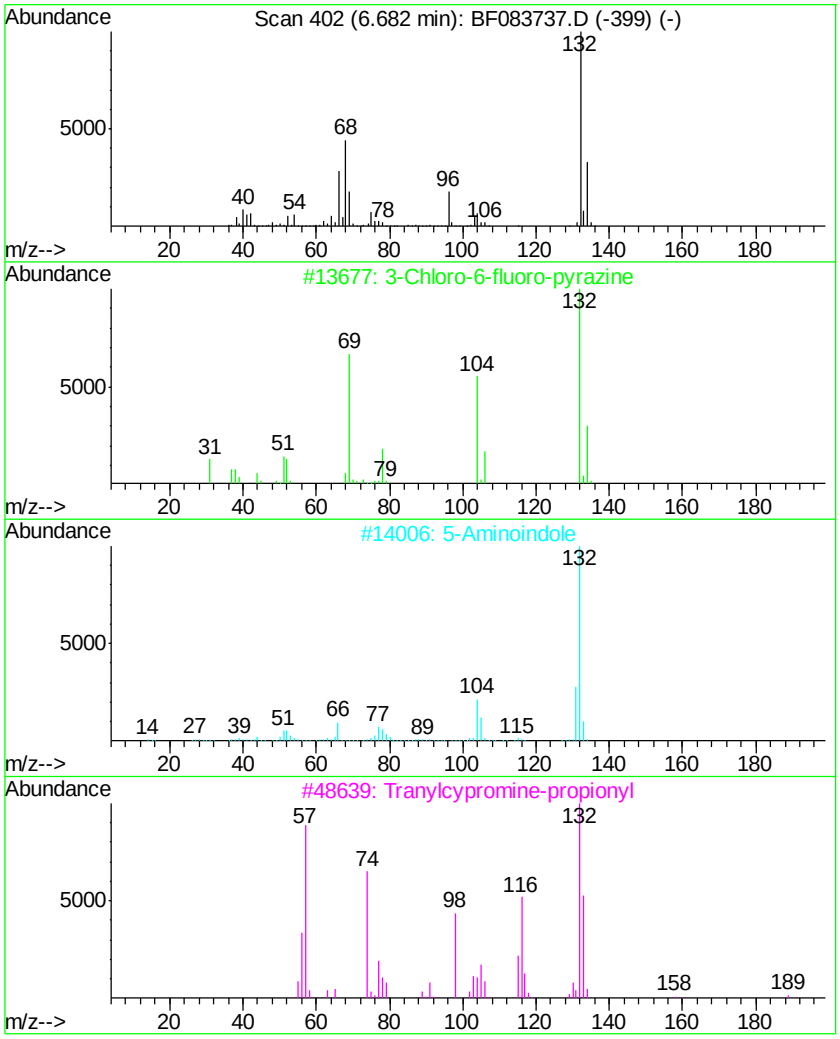
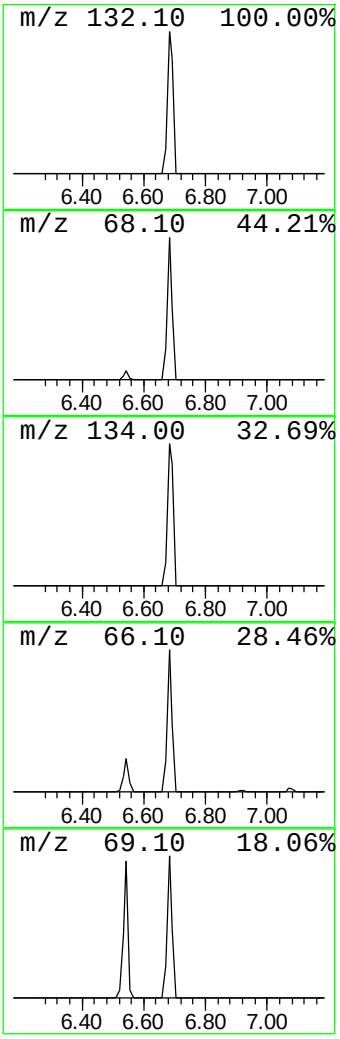
Peak Number 2 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	95.28 ng	3347610	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Data File : BF083737.D
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Operator : UM/IZ
Sample : G4648-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09(27-29)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
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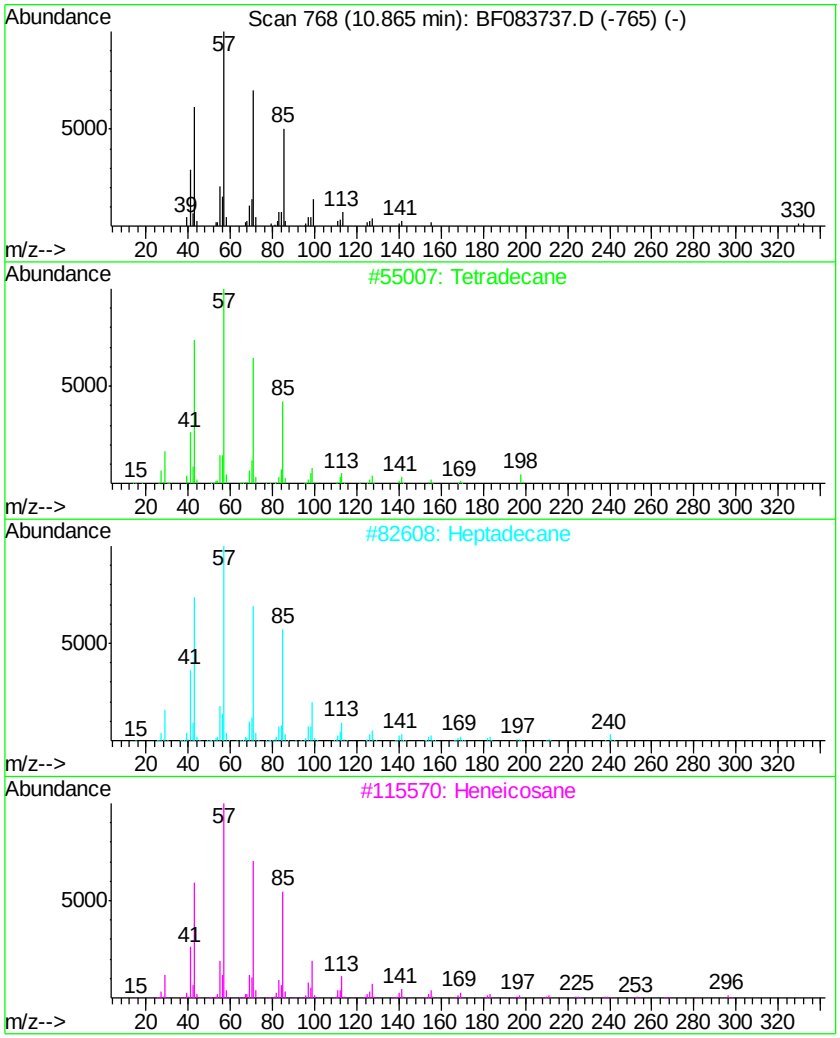
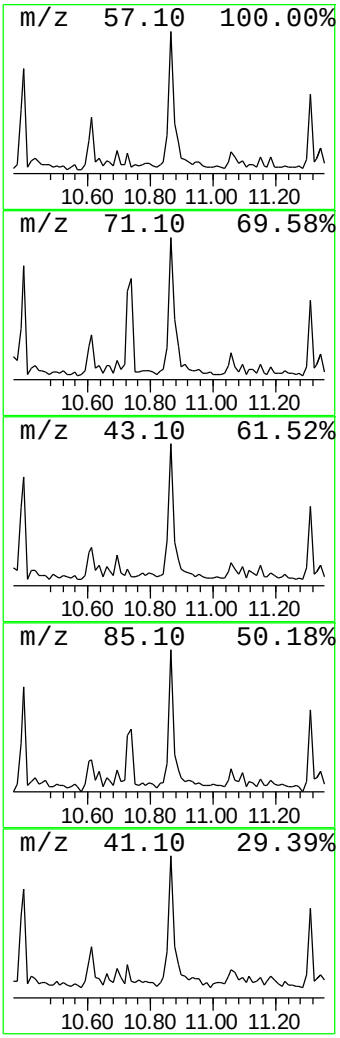
Peak Number 4 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	2.18 ng	111302	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Nonadecane	268	C19H40	000629-92-5	90





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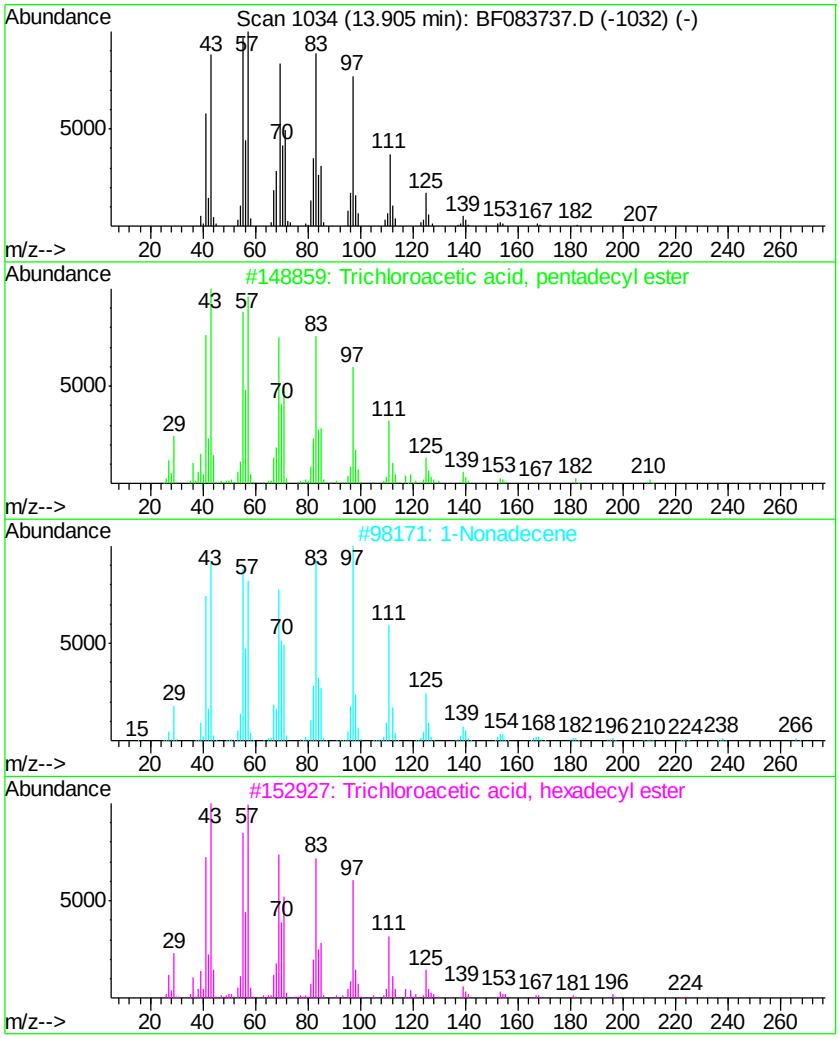
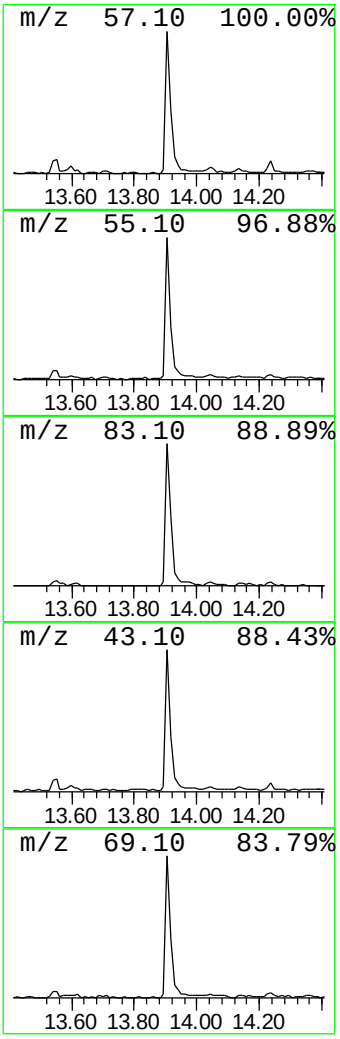
Peak Number 5 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	11.27 ng	448958	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc
2-Pentanone, 4-hy...	5.12	20.7	ng	727467	1	6.92	702714	20.0
unknown6.68	6.68	95.3	ng	3347610	1	6.92	702714	20.0
Tetradecane	10.86	2.2	ng	111302	4	11.44	1021500	20.0
Trichloroacetic a...	13.91	11.3	ng	448958	5	14.05	796891	20.0