LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084950.D
Acq On : 9 Feb 2016 14:22
Operator : SJ/IZ
Sample : H1377-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP01-020516

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-BF020116.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	4.773	232	235	243	rVB	703542	1051194	27.24%	2.941%
2	5.218	272	274	277	rBV	3137817	3234747	83.82%	9.050%
3	6.293	365	368	370	rBV	2807573	3814151	98.83%	10.671%
4	6.396	375	377	380	rBV	2629186	3576688	92.68%	10.007%
5	6.636	395	398	400	rBV	837710	980800	25.41%	2.744%
6	6.784	409	411	414	rBV	2387395	2498517	64.74%	6.990%
7	7.207	445	448	450	rBV	2285497	2539989	65.82%	7.106%
8	7.916	508	510	513	rBV	1229746	1286285	33.33%	3.599%
9	9.002	602	605	607	rBV	3947380	3859265	100.00%	10.797%
10	9.402	637	640	642	rBV	616528	583667	15.12%	1.633%
11	9.619	651	659	661	rBV	141340	173298	4.49%	0.485%
12	9.665	661	663	666	rVB	1440282	1460894	37.85%	4.087%
13	9.848	675	679	683	rBV2	26100	66558	1.72%	0.186%
14	10.110	700	702	704	rVB	143060	159677	4.14%	0.447%
15	10.328	718	721	725	rBV	53691	107571	2.79%	0.301%
16	10.453	730	732	735	rVB	2723607	2590884	67.13%	7.249%
17	10.590	742	744	748	rBV	116597	205152	5.32%	0.574%
18	10.773	758	760	765	rBV2	19757	44276	1.15%	0.124%
19	11.036	781	783	784	rBV	42425	54291	1.41%	0.152%
20	11.139	790	792	795	rVB	1160939	1461933	37.88%	4.090%
21	12.728	929	931	934	rBV	2961355	3299365	85.49%	9.231%
22	13.631	1008	1010	1020	rBV	283583	485251	12.57%	1.358%
23	13.768	1020	1022	1025	rBV	1251587	1246108	32.29%	3.486%
24	14.271	1063	1066	1073	rBV3	25105	48068	1.25%	0.134%
25	15.128	1139	1141	1144	rBV	703590	854619	22.14%	2.391%
26	15.597	1179	1182	1185	rBV2	31728	59657	1.55%	0.167%

Sum of corrected areas: 35742905

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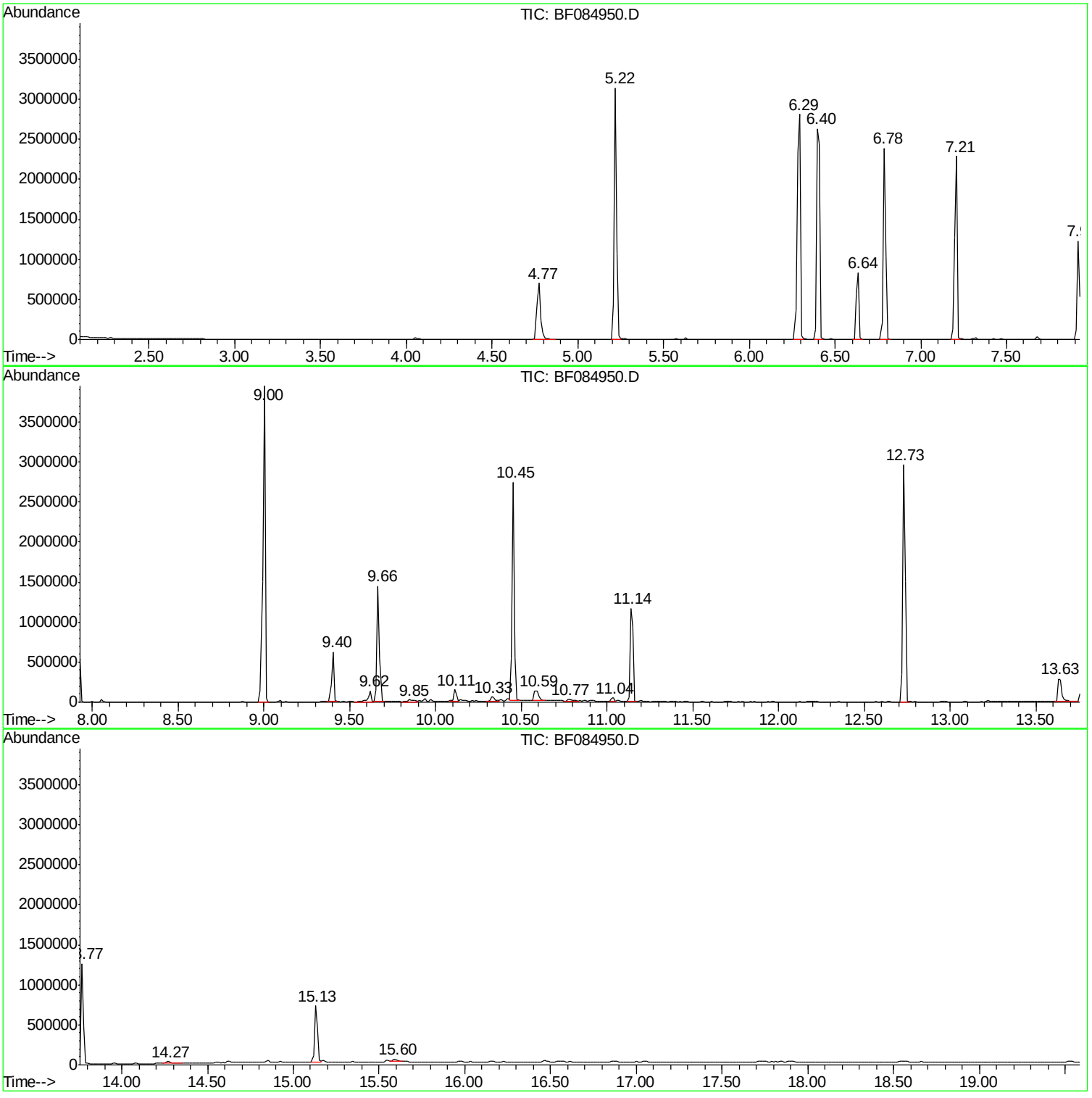
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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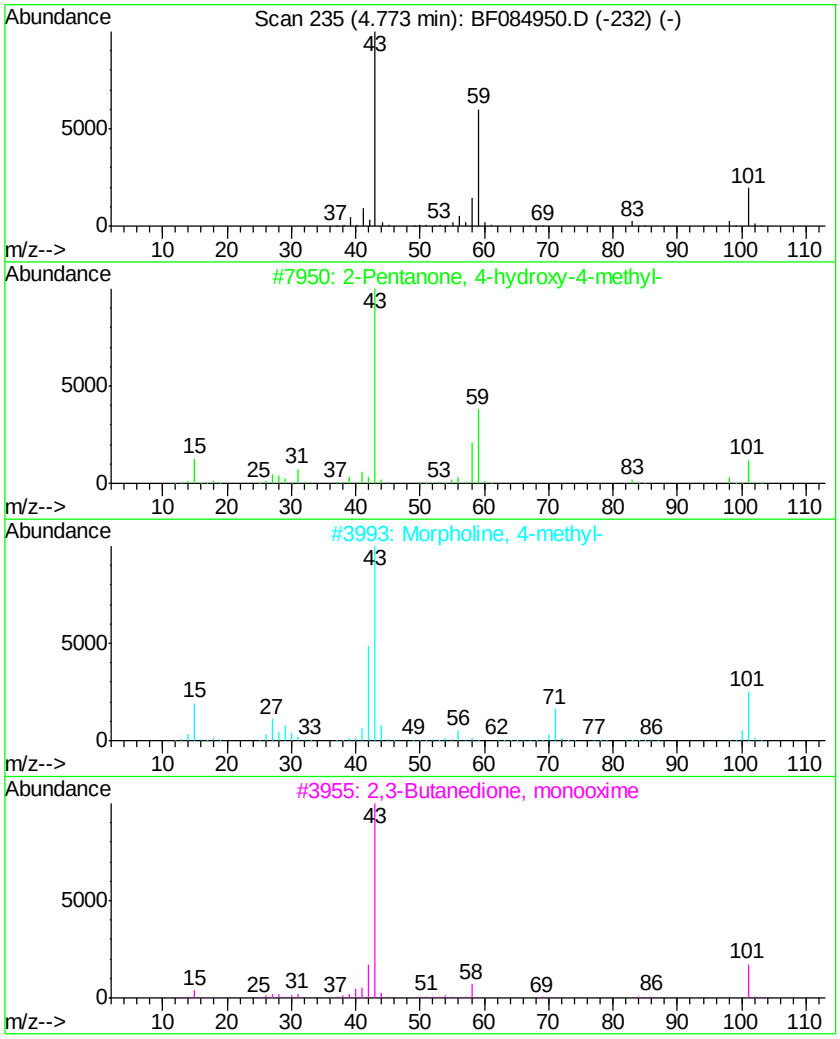
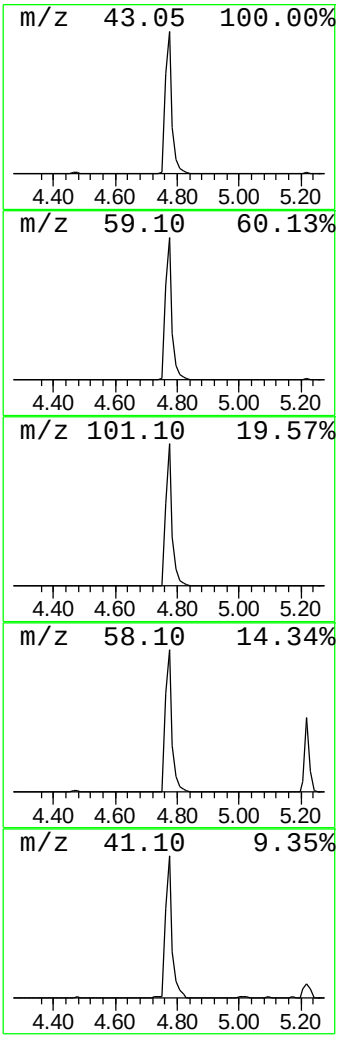
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	21.44 ng	1051190	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9





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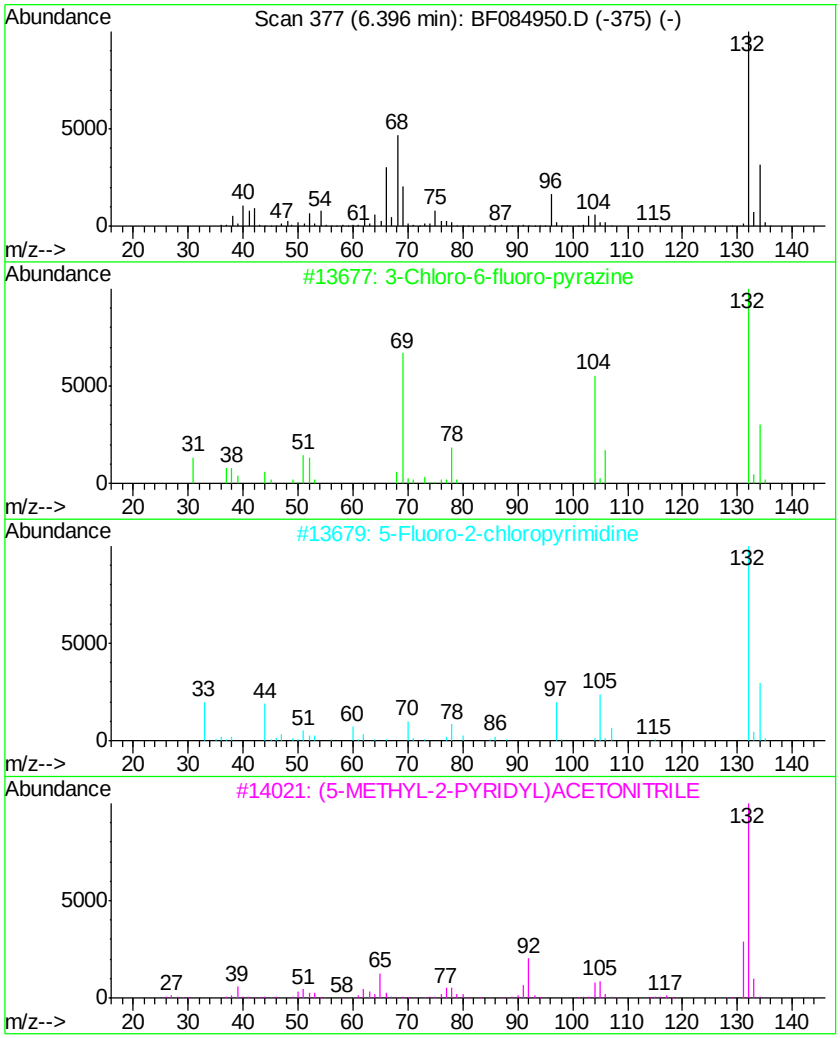
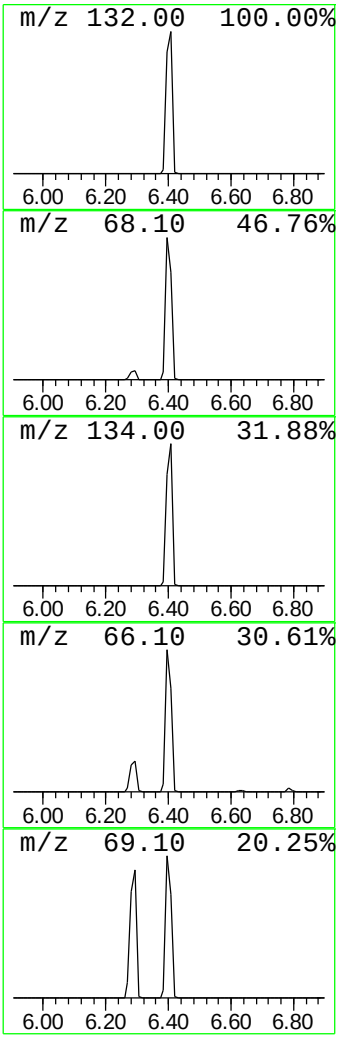
Peak Number 2 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	72.93 ng	3576690	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





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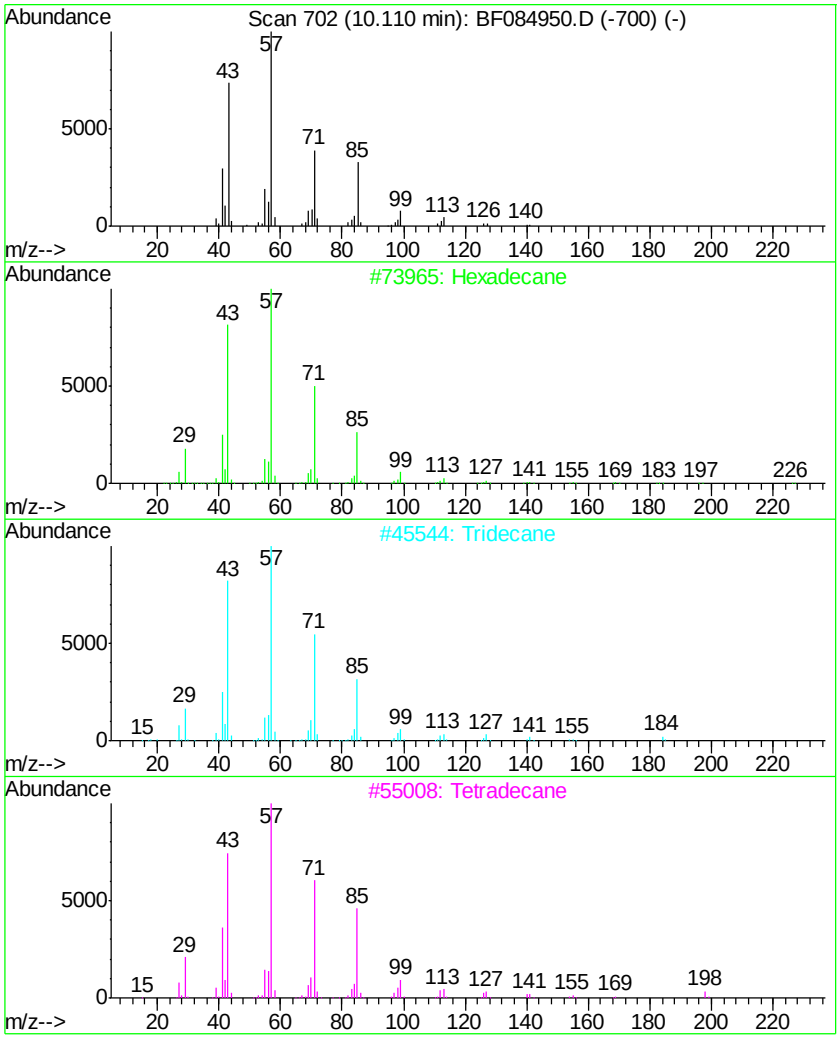
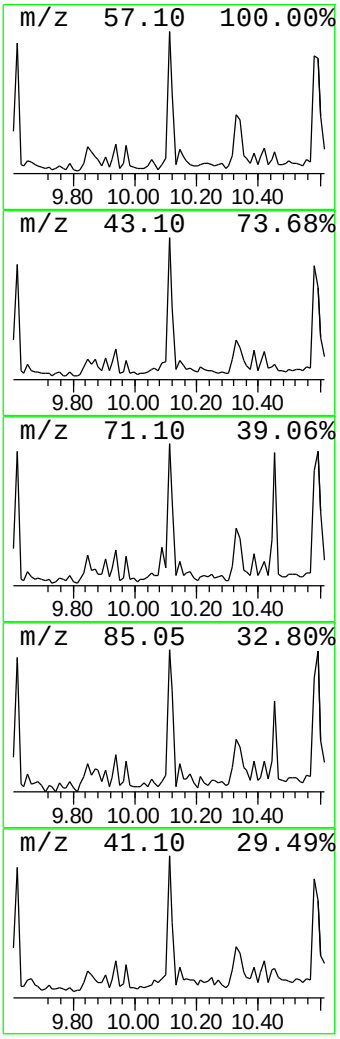
Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	2.19 ng	159677	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72





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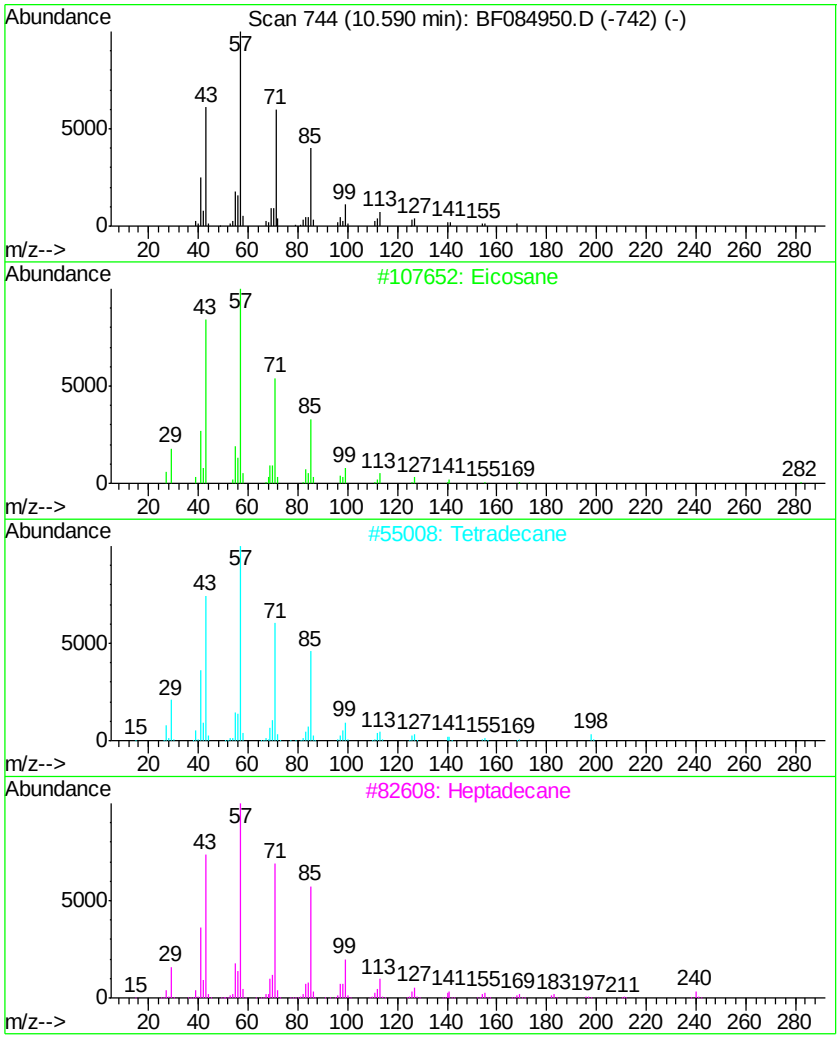
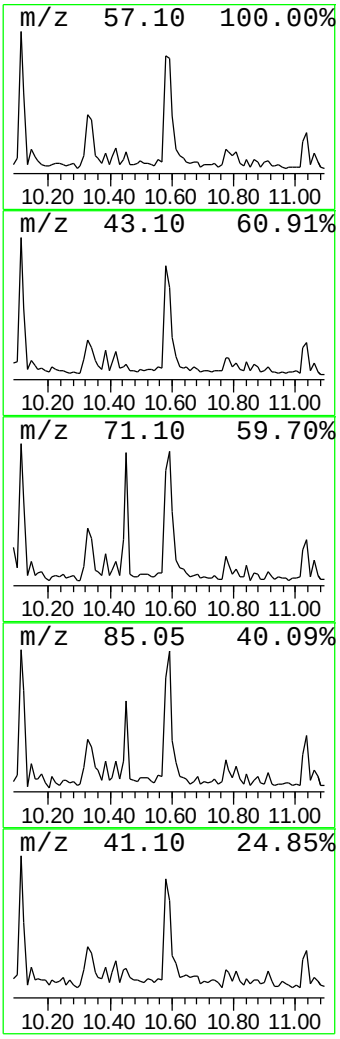
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.81 ng	205152	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetradecane	198	C14H30	000629-59-4	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Heptacosane	380	C27H56	000593-49-7	83





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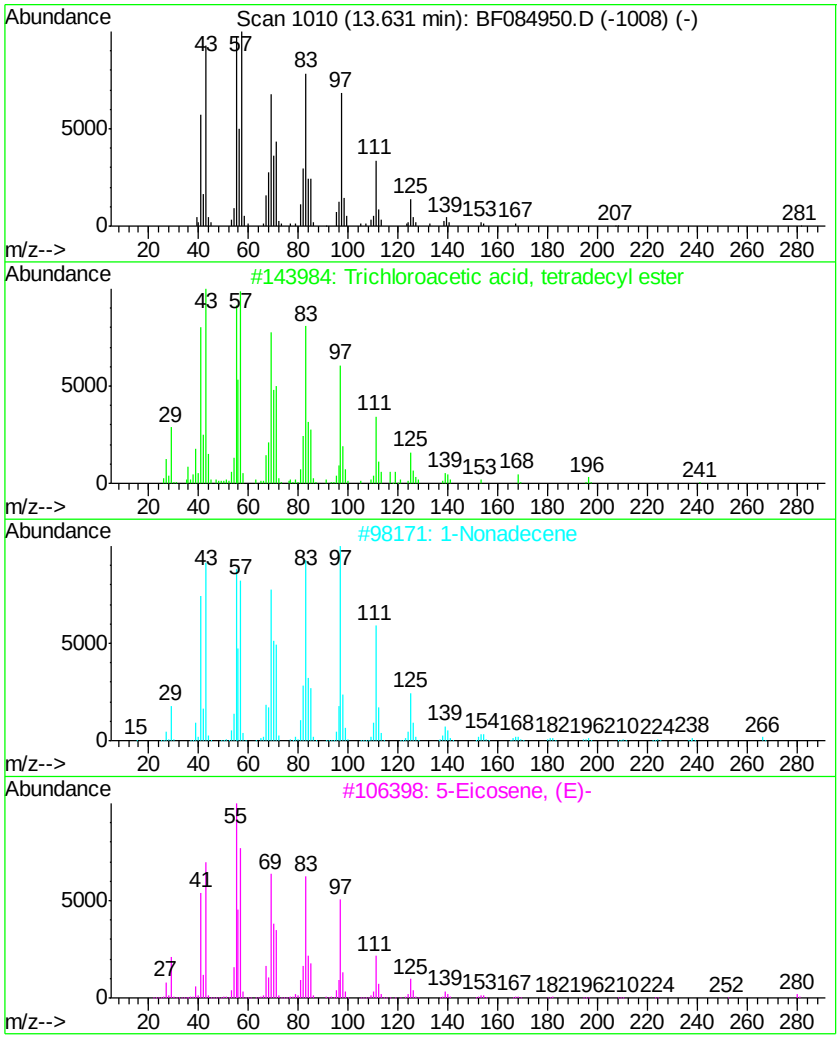
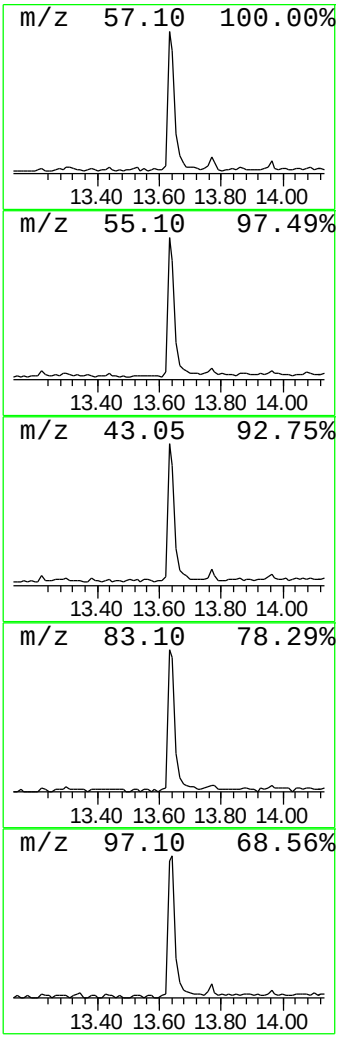
Peak Number 6 Trichloroacetic acid, tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	7.79 ng	485251	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.77	21.4	ng	1051190	1	6.64	980800	20.0
unknown6.40	6.40	72.9	ng	3576690	1	6.64	980800	20.0
Hexadecane	10.11	2.2	ng	159677	3	9.66	1460890	20.0
Eicosane	10.59	2.8	ng	205152	4	11.14	1461930	20.0
Trichloroacetic a...	13.63	7.8	ng	485251	5	13.77	1246110	20.0