LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090700.D
Acq On : 20 Oct 2016 23:25
Operator : UM/SJ
Sample : H5291-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

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-BF101316.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	5.091	236	241	244	rBV	3919017	7132683	54.49%	12.940%
2	5.492	274	276	278	rVV	944600	1120498	8.56%	2.033%
3	6.509	363	365	371	rBV	879558	1052571	8.04%	1.909%
4	6.646	375	377	379	rBV	2431306	2350530	17.96%	4.264%
5	6.874	395	397	401	rBV	1451574	1469371	11.22%	2.666%
6	7.035	409	411	413	rBV	4586431	4157941	31.76%	7.543%
7	7.446	444	447	449	rBV	2764587	3293429	25.16%	5.975%
8	7.880	481	485	486	rVB	102073	147661	1.13%	0.268%
9	8.166	507	510	512	rVV	2247990	2239566	17.11%	4.063%
10	8.212	512	514	517	rVB	420990	441200	3.37%	0.800%
11	8.337	523	525	529	rVB	105360	145531	1.11%	0.264%
12	8.509	536	540	543	rBV	7059635	13090608	100.00%	23.748%
13	8.966	578	580	583	rBV	200703	219686	1.68%	0.399%
14	9.240	601	604	607	rBV	4830359	5381189	41.11%	9.762%
15	9.355	612	614	616	rBV	148520	173395	1.32%	0.315%
16	9.640	636	639	641	rBV	346297	478931	3.66%	0.869%
17	9.915	661	663	666	rBV	1534042	2127917	16.26%	3.860%
18	10.349	698	701	705	rVV2	110846	176893	1.35%	0.321%
19	10.703	730	732	735	rBV2	885319	980350	7.49%	1.778%
20	10.829	741	743	747	rVB	143935	192509	1.47%	0.349%
21	11.401	791	793	796	rBV	1256744	1646248	12.58%	2.986%
22	12.989	930	932	935	rBV	3151567	4331160	33.09%	7.857%
23	13.892	1009	1011	1015	rBV	139040	172618	1.32%	0.313%
24	14.041	1022	1024	1027	rBV	1057285	1379713	10.54%	2.503%
25	15.492	1148	1151	1166	rBV	870026	1221020	9.33%	2.215%

Sum of corrected areas: 55123218

LSC Report - Integrated Chromatogram

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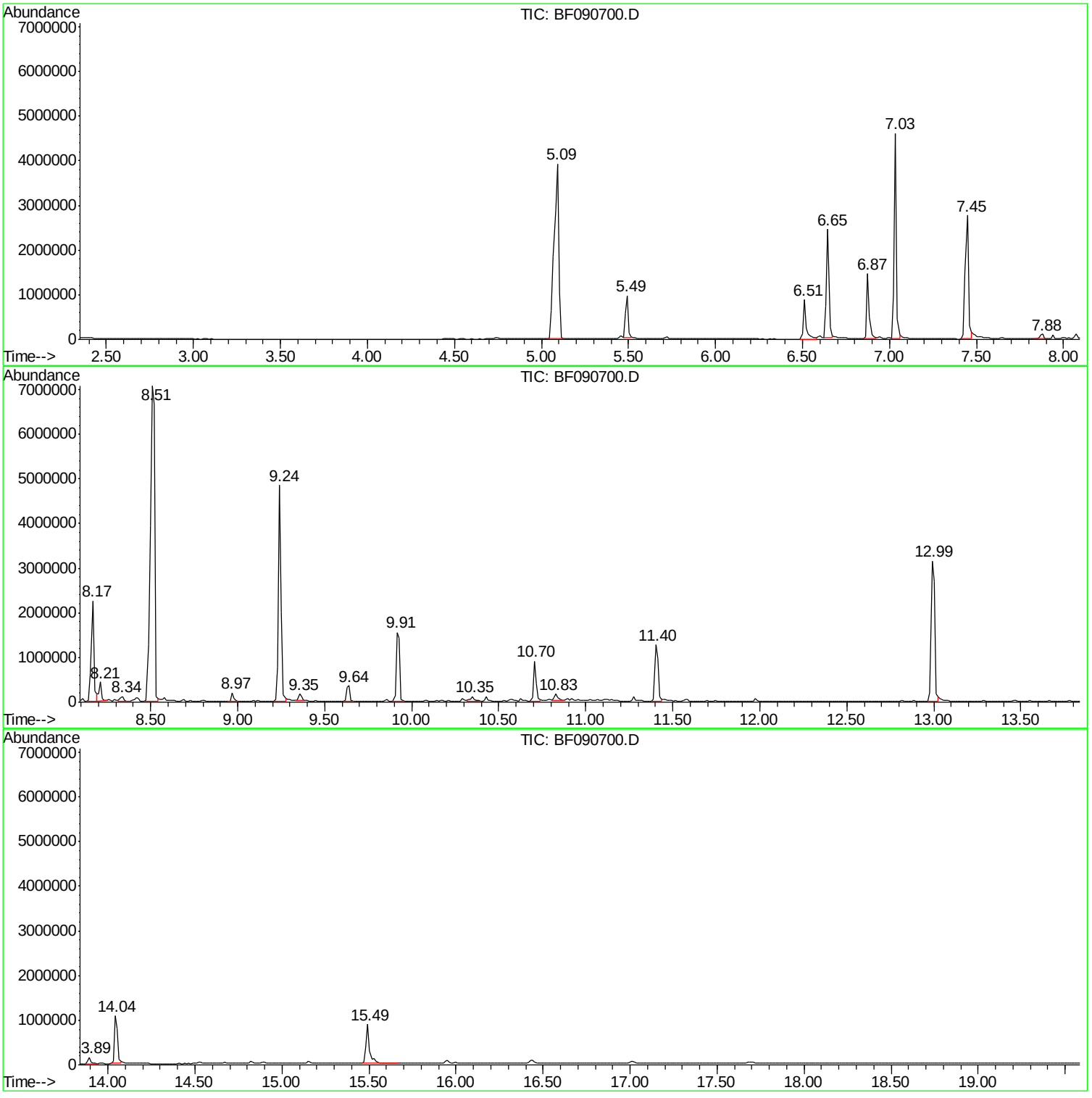
Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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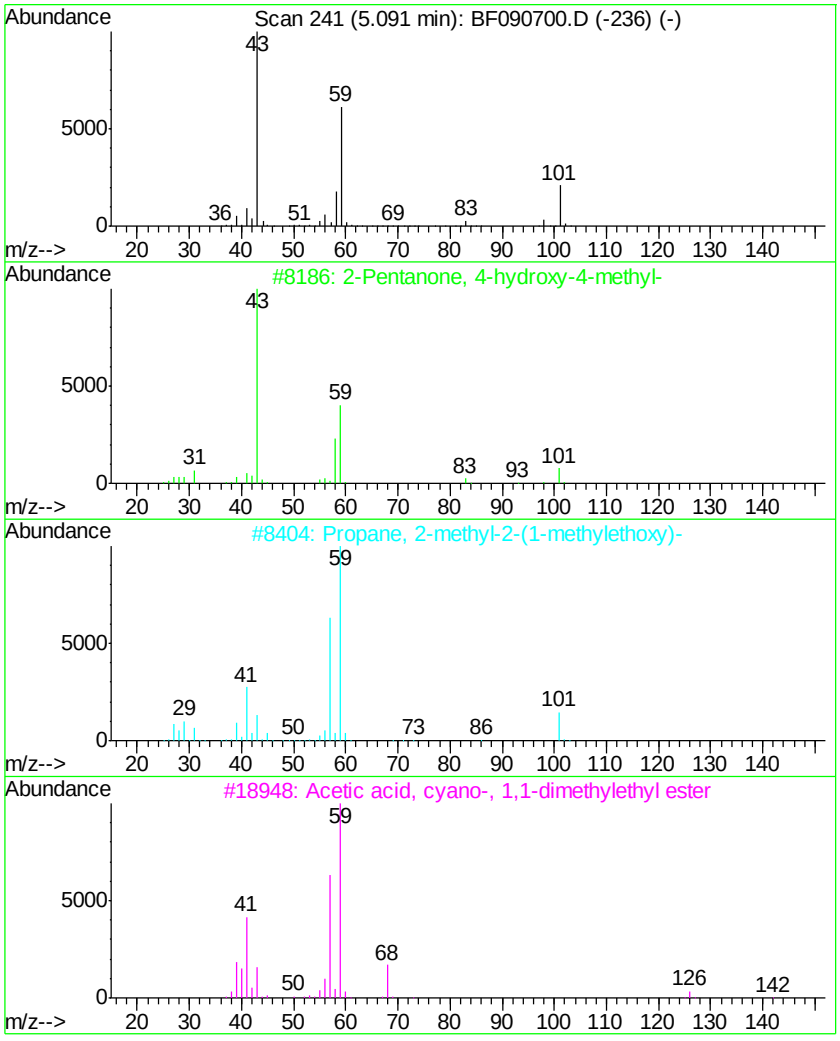
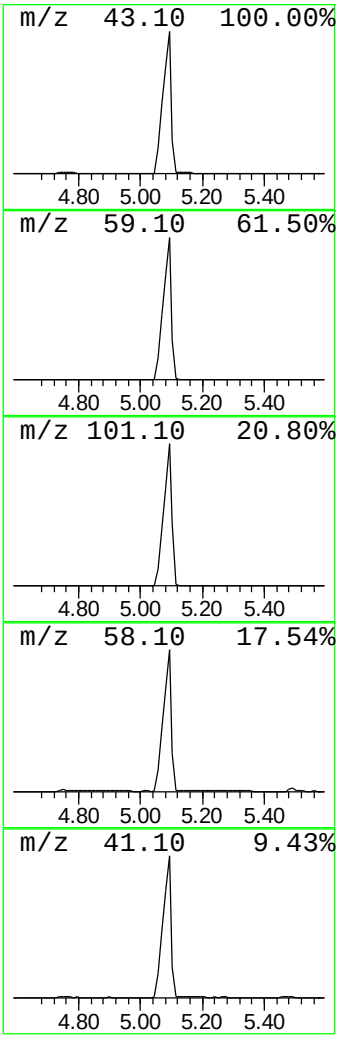
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	97.08 ng	7132680	1,4-Dichlorobenzene-d4	6.87

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Sample : H5291-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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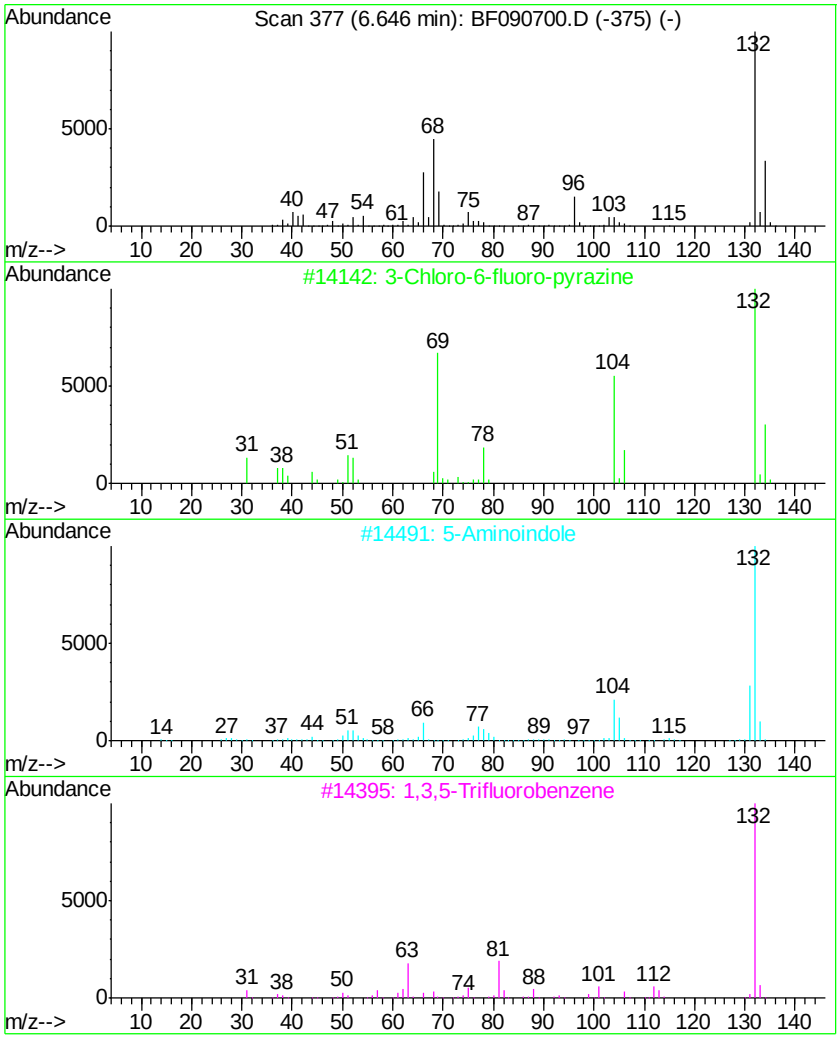
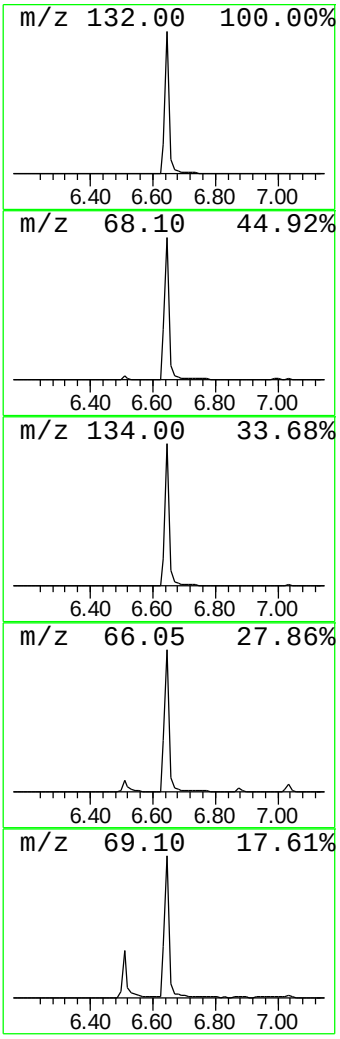
Peak Number 2 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	31.99 ng	2350530	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Operator : UM/SJ
Sample : H5291-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
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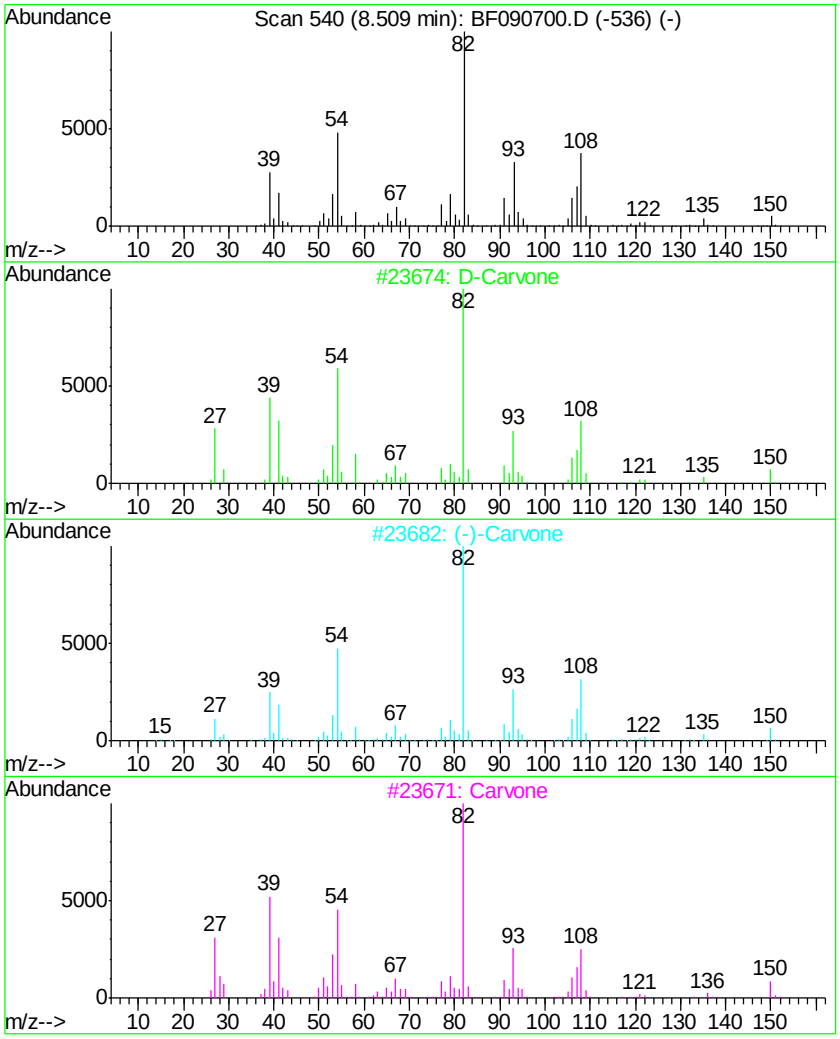
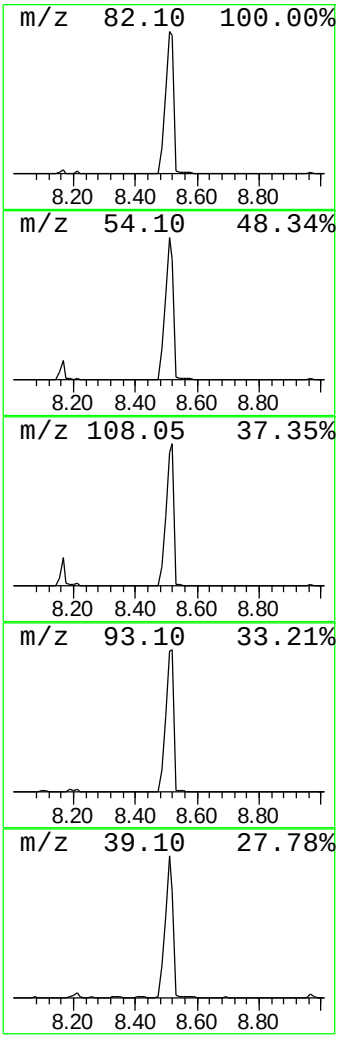
Peak Number 4 D-Carvone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	116.90 ng	13090600	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Carvone	150	C10H14O	002244-16-8	95
2	(-)-Carvone	150	C10H14O	006485-40-1	91
3	Carvone	150	C10H14O	000099-49-0	87
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	43
5	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	43





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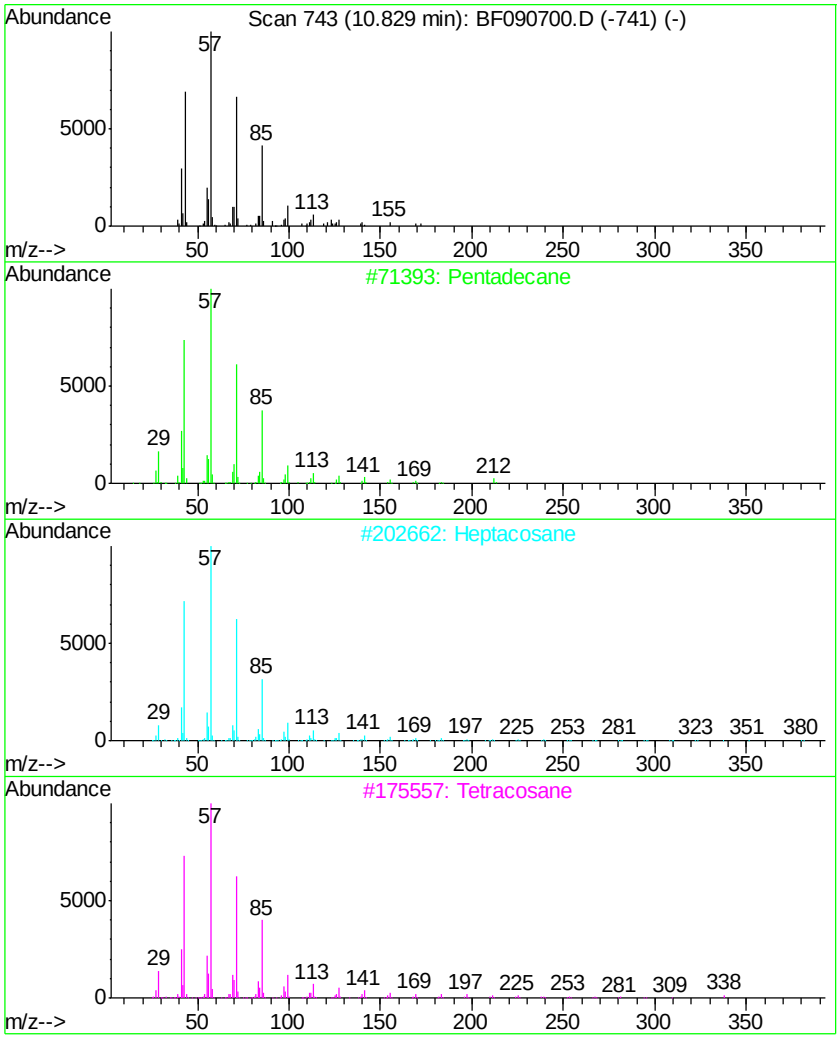
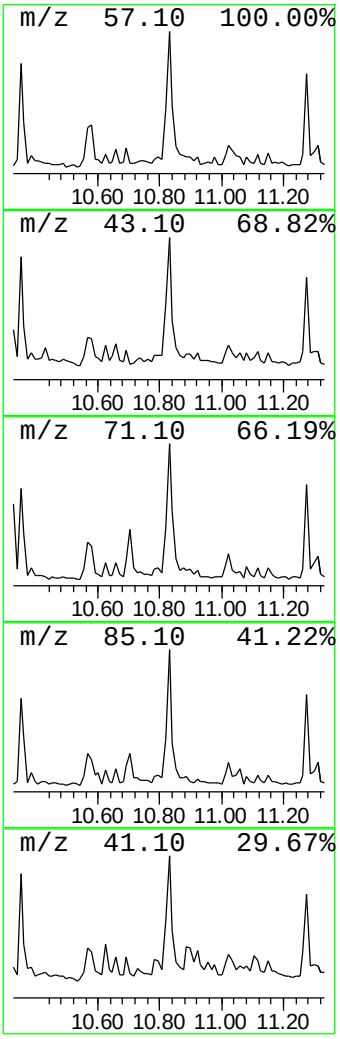
Peak Number 5 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	2.34 ng	192509	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





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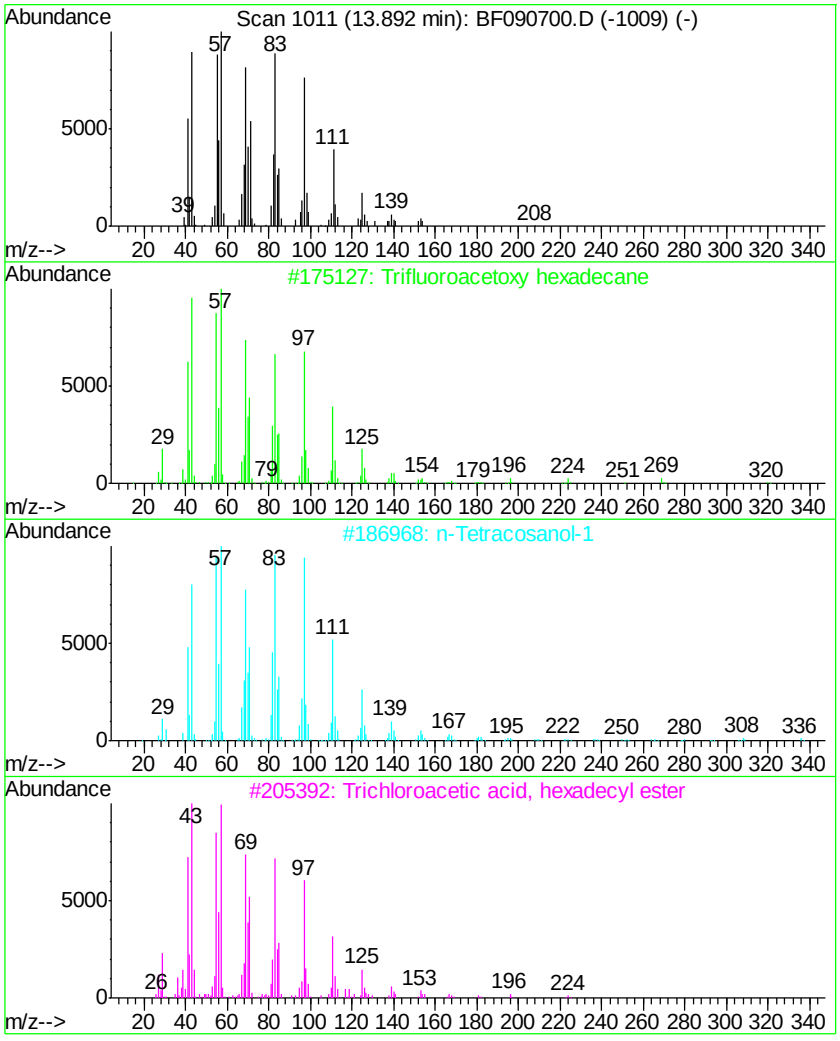
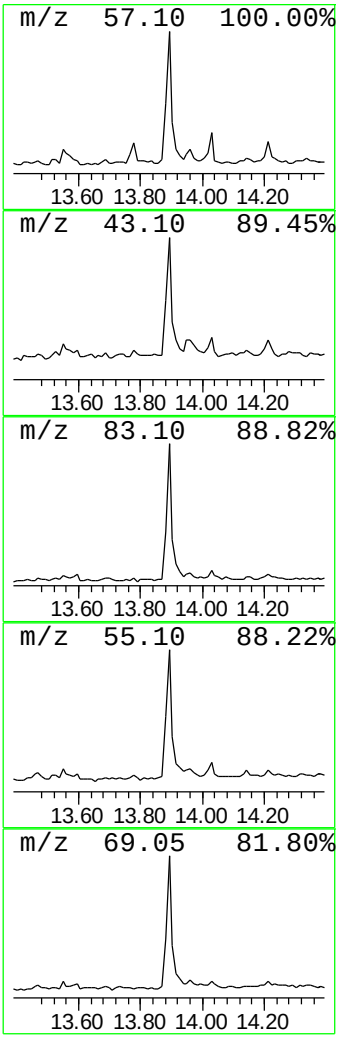
Peak Number 6 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.50 ng	172618	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
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...	5.09	97.1	ng	7132680	1	6.87	1469370	20.0
unknown6.65	6.65	32.0	ng	2350530	1	6.87	1469370	20.0
D-Carvone	8.51	116.9	ng	13090600	2	8.17	2239570	20.0
Pentadecane	10.83	2.3	ng	192509	4	11.40	1646250	20.0
Trifluoroacetoxy ...	13.89	2.5	ng	172618	5	14.04	1379710	20.0