LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093391.D
Acq On : 4 Mar 2017 8:00
Operator : SJ/MA
Sample : I2088-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-004-A

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-BF013017.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	4.270	188	191	203	rBV	162744	294437	4.34%	0.569%
2	4.944	248	250	265	rBV	609757	1304012	19.23%	2.520%
3	5.379	286	288	291	rBV	4163943	5919644	87.31%	11.439%
4	6.441	378	381	383	rBV	4879324	6780175	100.00%	13.102%
5	6.556	388	391	393	rBV	5416540	5693802	83.98%	11.002%
6	6.784	409	411	413	rBV	1119315	1248590	18.42%	2.413%
7	6.933	422	424	427	rBV	3393127	4686347	69.12%	9.056%
8	7.356	458	461	464	rBV	3494531	3840788	56.65%	7.422%
9	8.065	521	523	526	rBV	1490061	1579182	23.29%	3.052%
10	9.150	614	618	620	rBV	5243170	6411505	94.56%	12.389%
11	9.539	650	652	656	rBV	245185	238528	3.52%	0.461%
12	9.813	674	676	679	rBV	1272306	1599866	23.60%	3.091%
13	10.248	712	714	716	rVB	124942	94899	1.40%	0.183%
14	10.613	743	746	748	rBV	2714115	2956823	43.61%	5.714%
15	10.716	753	755	760	rVB	145907	185406	2.73%	0.358%
16	11.162	792	794	796	rBV	84970	98220	1.45%	0.190%
17	11.299	804	806	811	rBV	1293587	1569212	23.14%	3.032%
18	12.522	911	913	915	rBV	168474	216624	3.19%	0.419%
19	12.739	930	932	935	rBV	135387	206225	3.04%	0.398%
20	12.888	942	945	948	rBV	3876691	4166817	61.46%	8.052%
21	13.779	1019	1023	1028	rBV4	122985	221252	3.26%	0.428%
22	13.939	1035	1037	1042	rVB	1068465	1211955	17.87%	2.342%
23	14.968	1124	1127	1129	rBV	62536	139204	2.05%	0.269%
24	15.357	1158	1161	1164	rBV	762636	998394	14.73%	1.929%
25	16.740	1279	1282	1286	rVB	44498	88746	1.31%	0.171%

Sum of corrected areas: 51750653

LSC Report - Integrated Chromatogram

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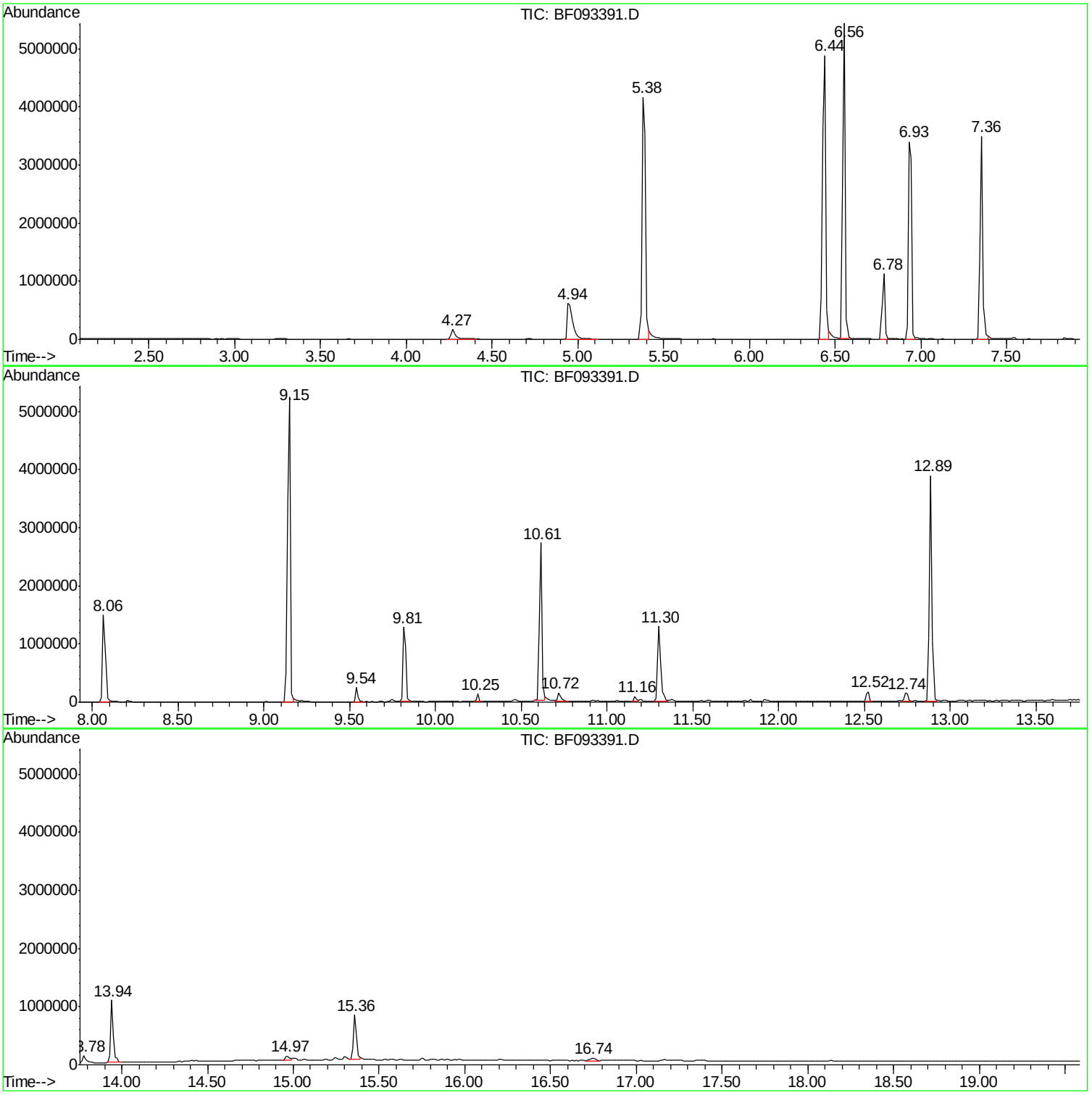
Instrument : BNA_F
ClientSampleId : FK-GF-02-004-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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Data File : BF093391.D
Acq On : 4 Mar 2017 8:00
Operator : SJ/MA
Sample : I2088-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-004-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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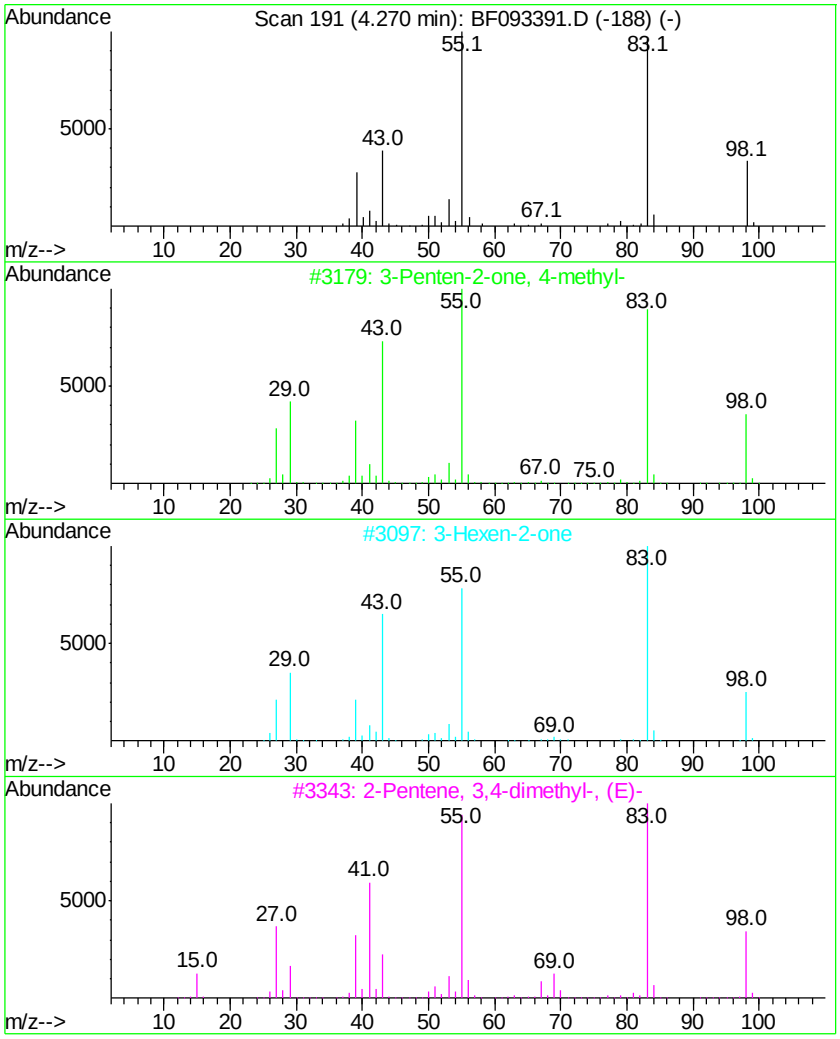
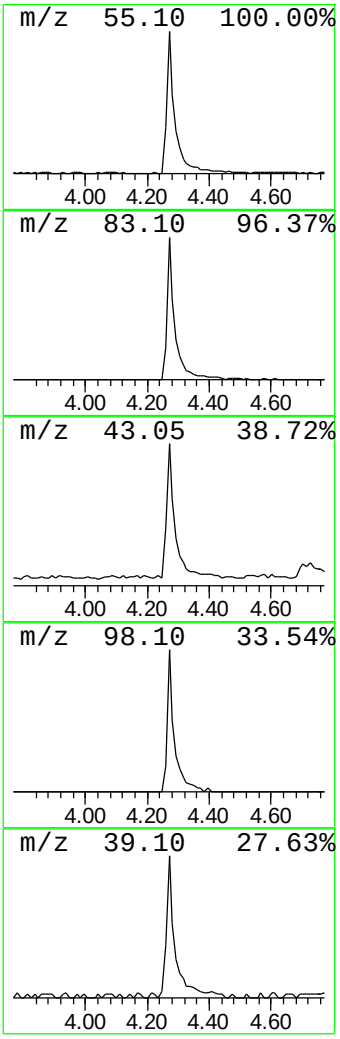
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	4.72 ng	294437	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78





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Instrument : BNA_F
ClientSampleId : FK-GF-02-004-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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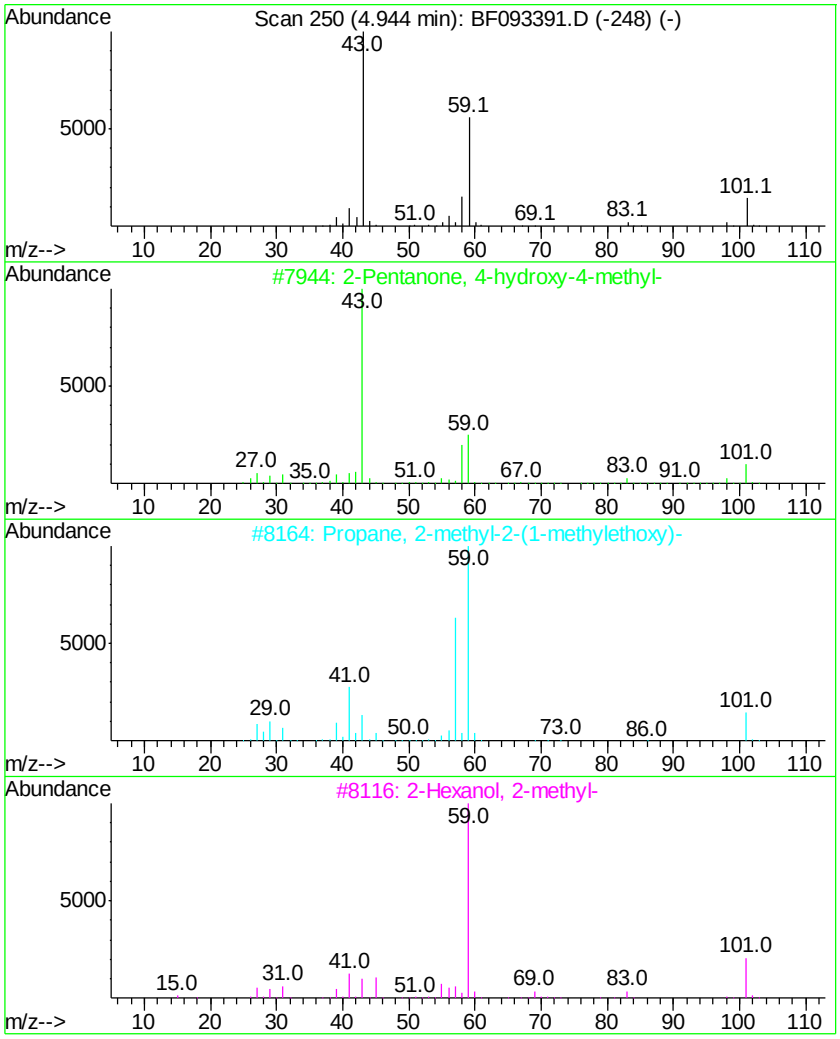
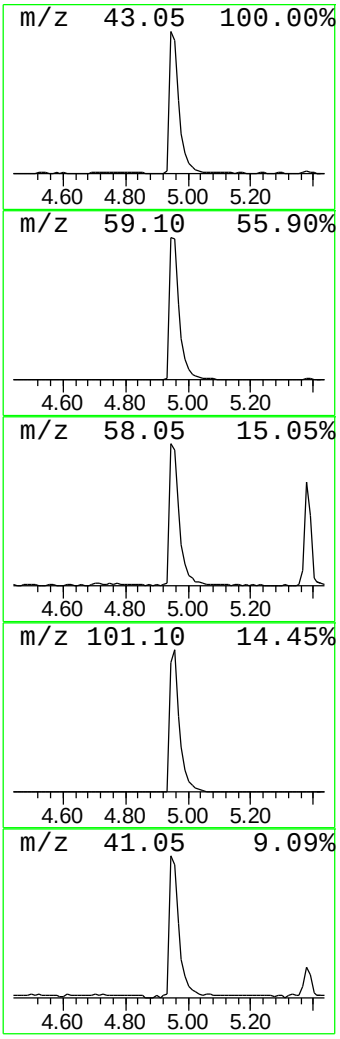
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	20.89 ng	1304010	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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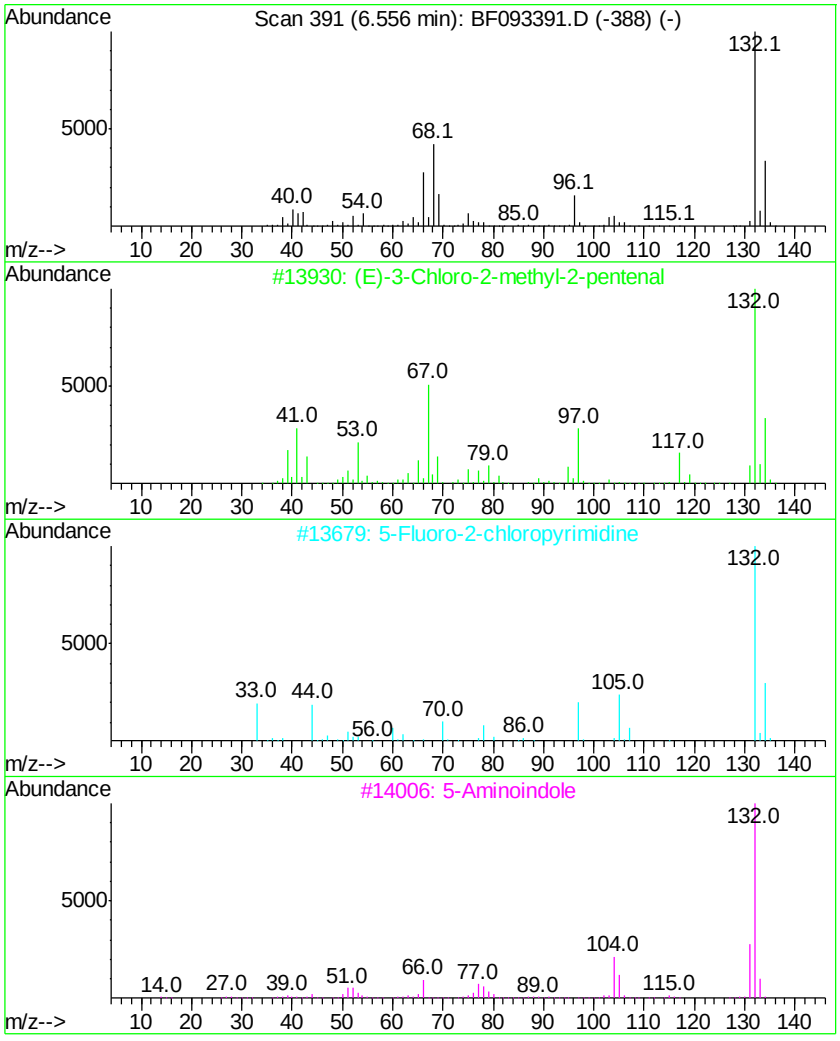
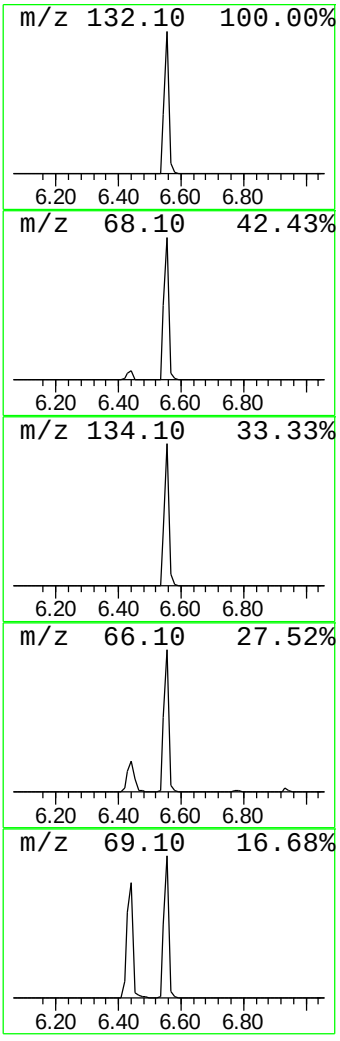
Peak Number 3 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	91.20 ng	5693800	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Xenon	132	Xe	007440-63-3	9





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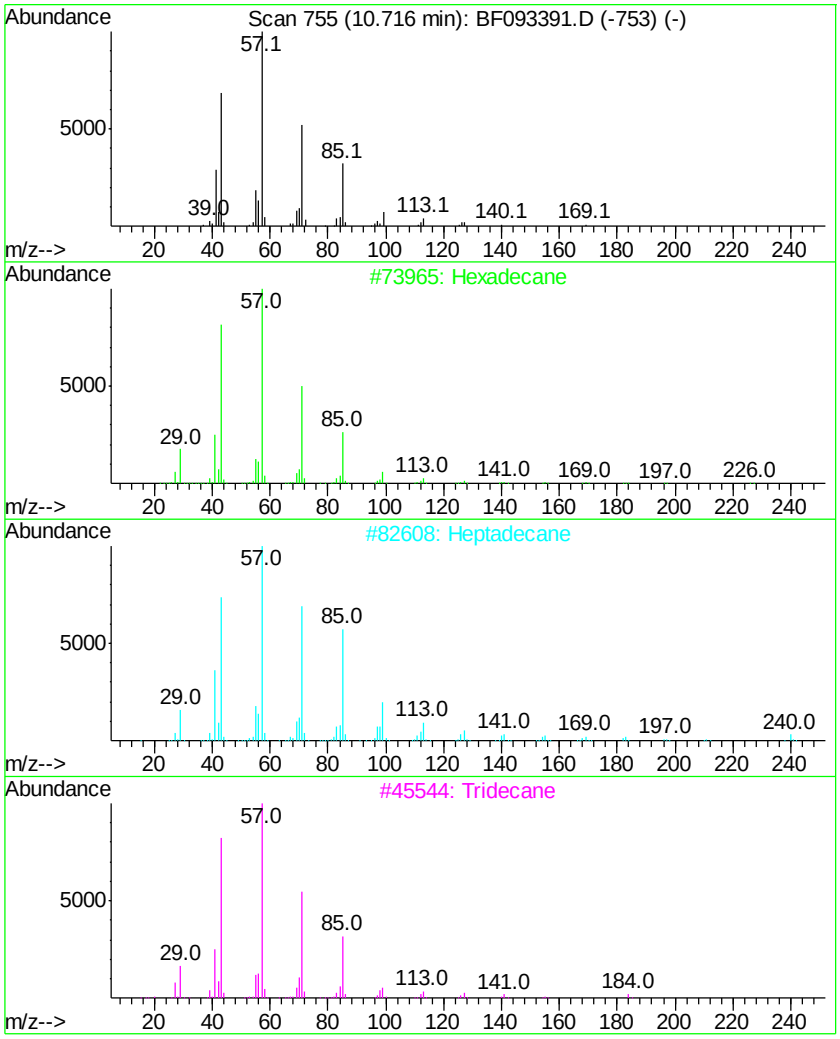
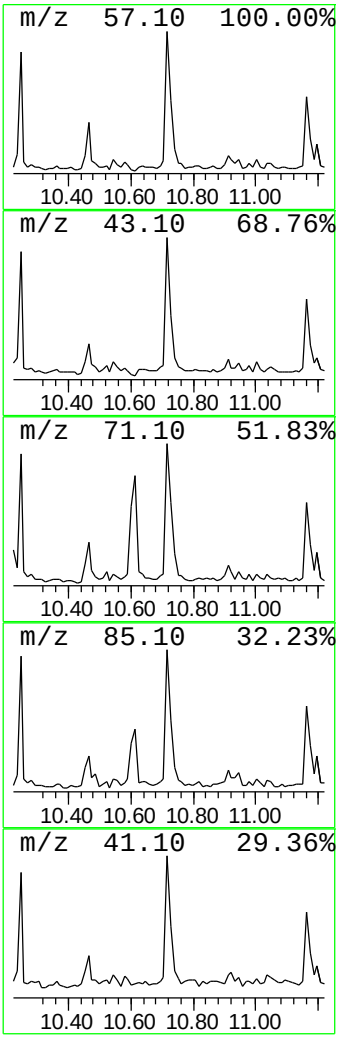
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.36 ng	185406	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	83
3	Tridecane	184	C13H28	000629-50-5	83
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78





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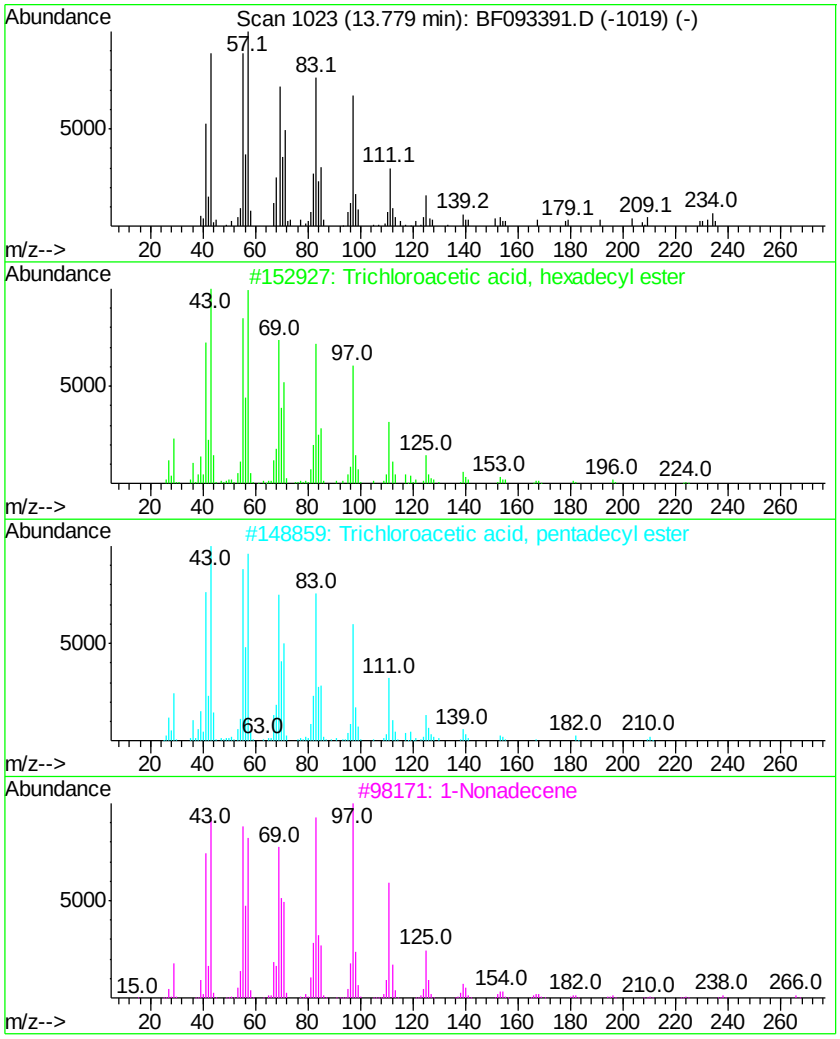
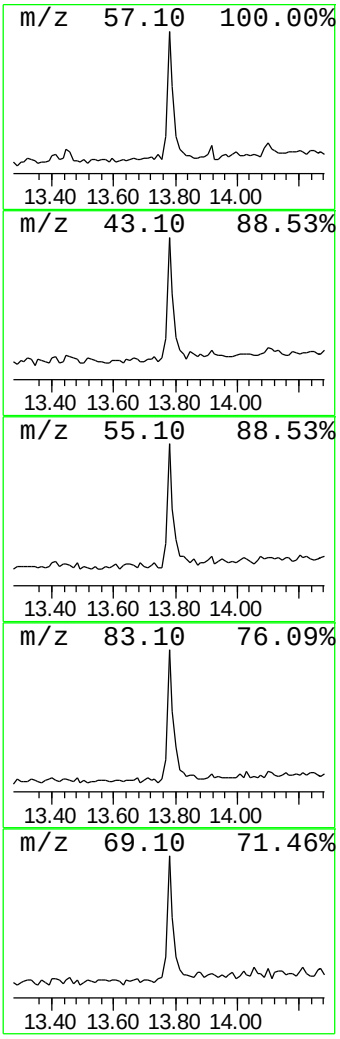
****

Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	3.65 ng	221252	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.27	4.7	ng	294437	1	6.78	1248590	20.0
2-Pentanone, 4-hy...	4.94	20.9	ng	1304010	1	6.78	1248590	20.0
unknown6.56	6.56	91.2	ng	5693800	1	6.78	1248590	20.0
Hexadecane	10.72	2.4	ng	185406	4	11.30	1569210	20.0
Trichloroacetic a...	13.78	3.6	ng	221252	5	13.94	1211960	20.0