LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091023.D
Acq On : 4 Nov 2016 14:51
Operator : UM/SJ
Sample : H5526-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-102-16.5-17.0

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-BF110316.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	1.778	7	8	52	rVB	2445813	6335556	100.00%	11.494%
2	4.864	275	278	289	rBV	652730	1166140	18.41%	2.116%
3	5.299	313	316	319	rBV	4102388	4753763	75.03%	8.625%
4	6.350	405	408	411	rBV	3894195	4833535	76.29%	8.769%
5	6.476	416	419	421	rBV	4286867	5412908	85.44%	9.820%
6	6.704	437	439	441	rBV	772360	951634	15.02%	1.727%
7	6.853	450	452	455	rBV	3363049	3748090	59.16%	6.800%
8	7.264	486	488	491	rBV	2124489	3151669	49.75%	5.718%
9	7.390	496	499	506	rVB	105438	228327	3.60%	0.414%
10	7.984	549	551	554	rBV	1257815	1331503	21.02%	2.416%
11	9.070	642	646	648	rBV	5493845	6181296	97.57%	11.214%
12	9.470	678	681	683	rBV	1438465	1636850	25.84%	2.970%
13	9.688	695	700	702	rBV2	32276	73434	1.16%	0.133%
14	9.733	702	704	707	rBV	1113826	1564025	24.69%	2.838%
15	10.179	742	743	745	rVB	79675	83214	1.31%	0.151%
16	10.396	759	762	766	rBV	41515	77164	1.22%	0.140%
17	10.533	771	774	776	rBV	3539090	4022056	63.48%	7.297%
18	10.659	782	785	791	rVB	105205	194994	3.08%	0.354%
19	11.105	821	824	825	rBV	68419	76827	1.21%	0.139%
20	11.219	832	834	836	rBV	1785692	1578882	24.92%	2.864%
21	12.808	970	973	976	rBV	4795109	5278310	83.31%	9.576%
22	13.711	1049	1052	1057	rBV	162117	211208	3.33%	0.383%
23	13.848	1062	1064	1067	rVV	1102181	1245909	19.67%	2.260%
24	15.242	1183	1186	1192	rBV	778179	981679	15.49%	1.781%

Sum of corrected areas: 55118973

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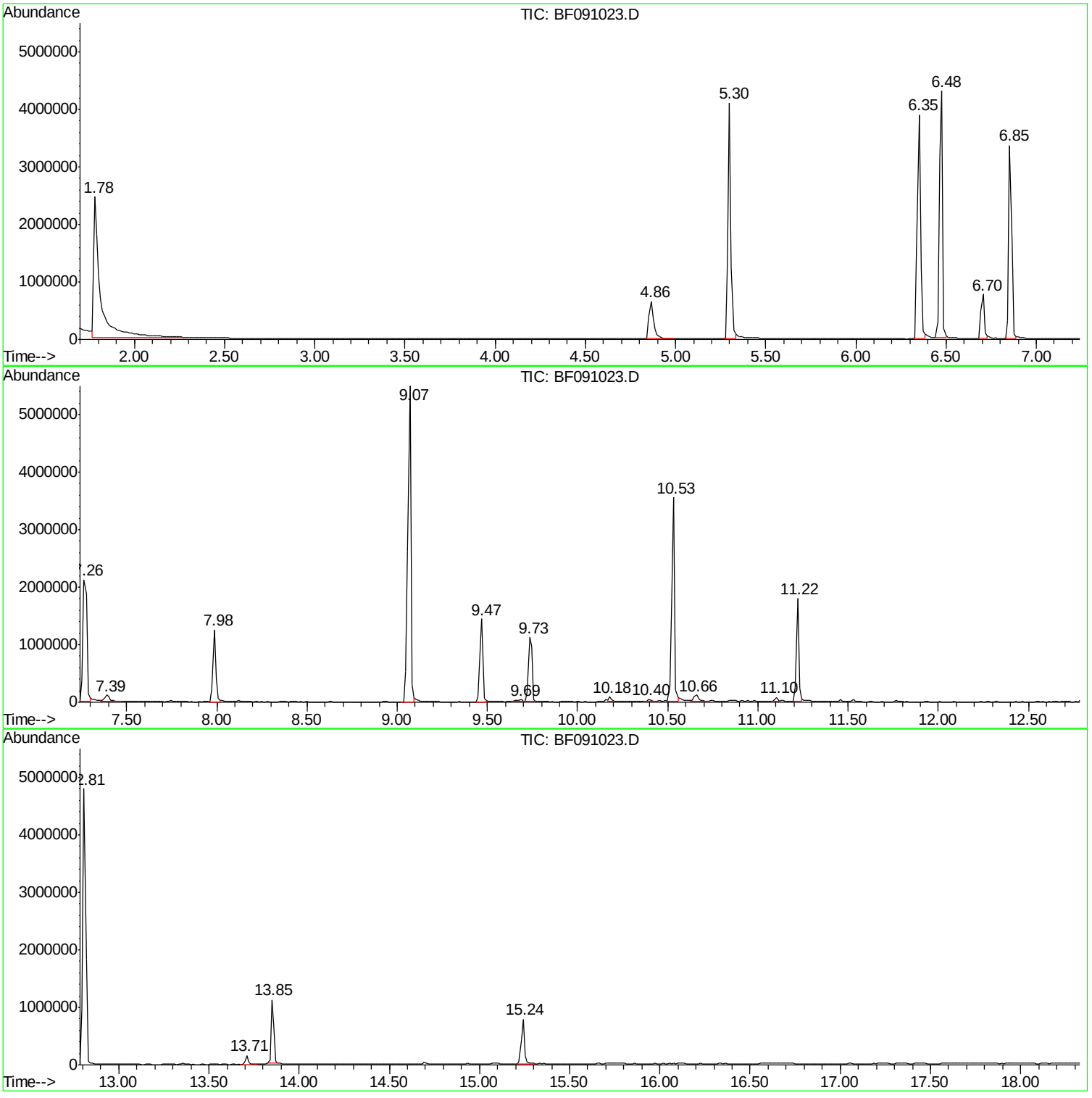
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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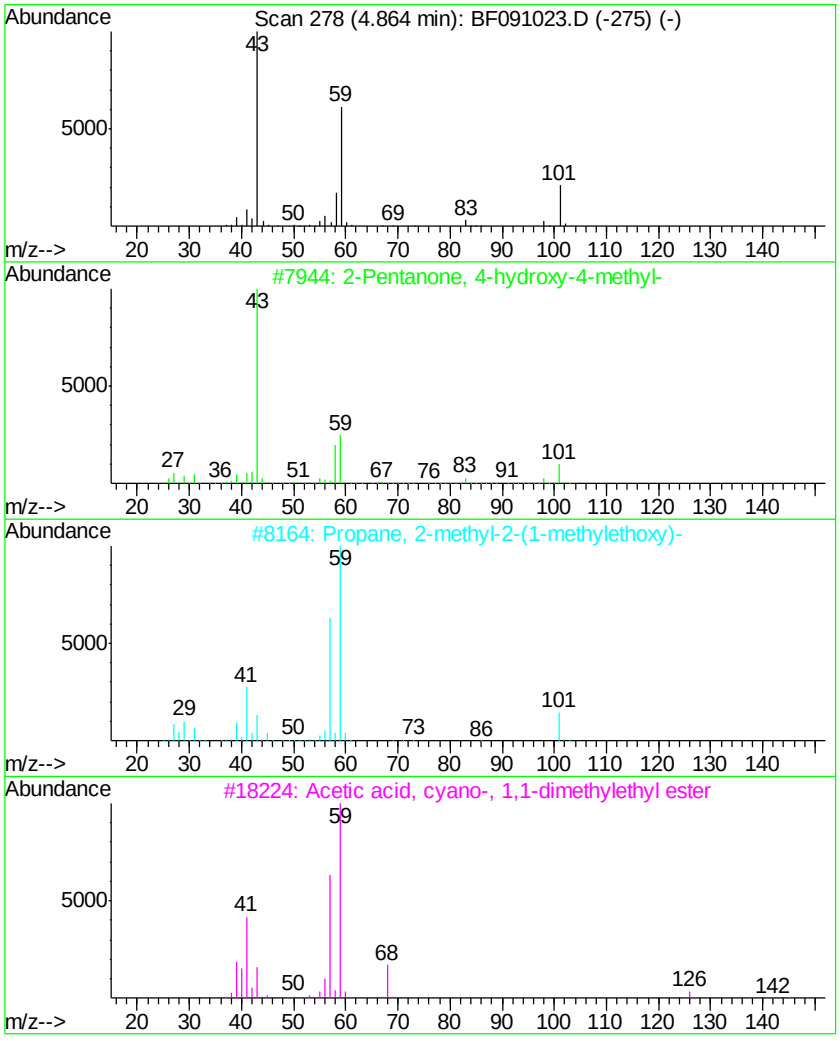
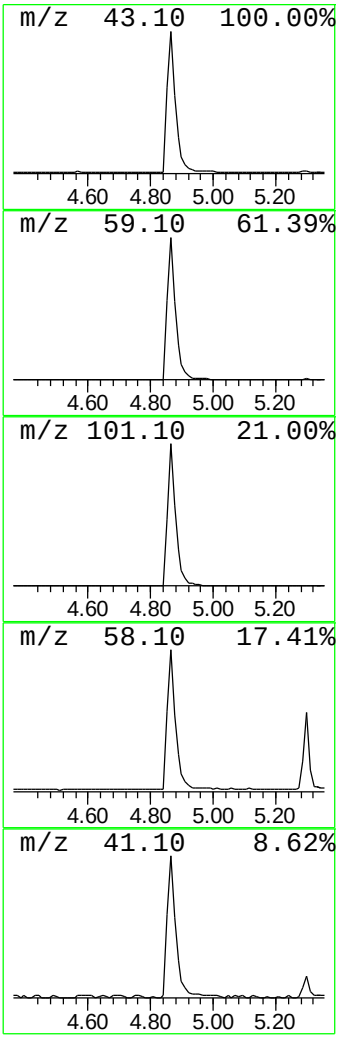
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	24.51 ng	1166140	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
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	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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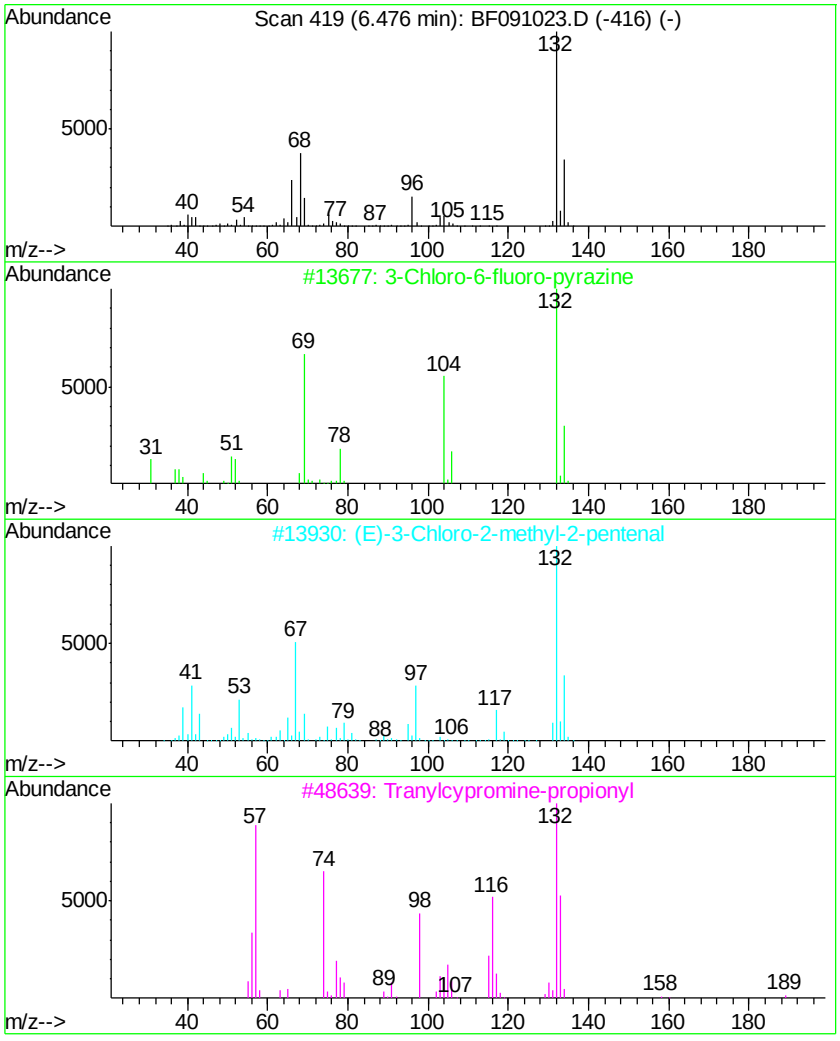
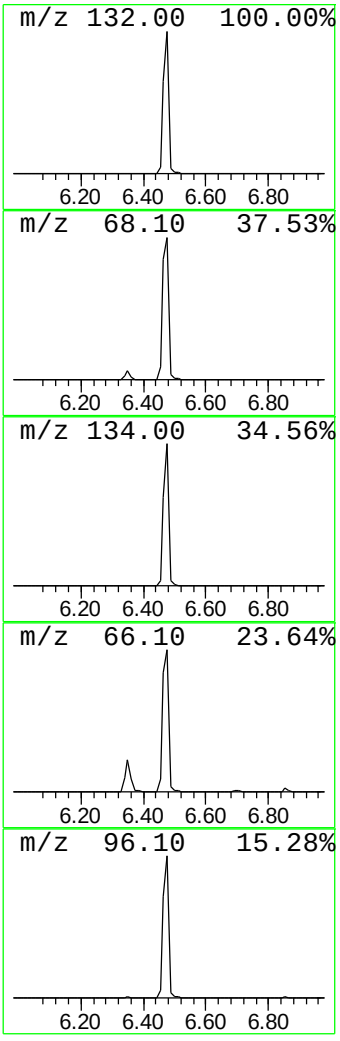
Peak Number 3 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	113.76 ng	5412910	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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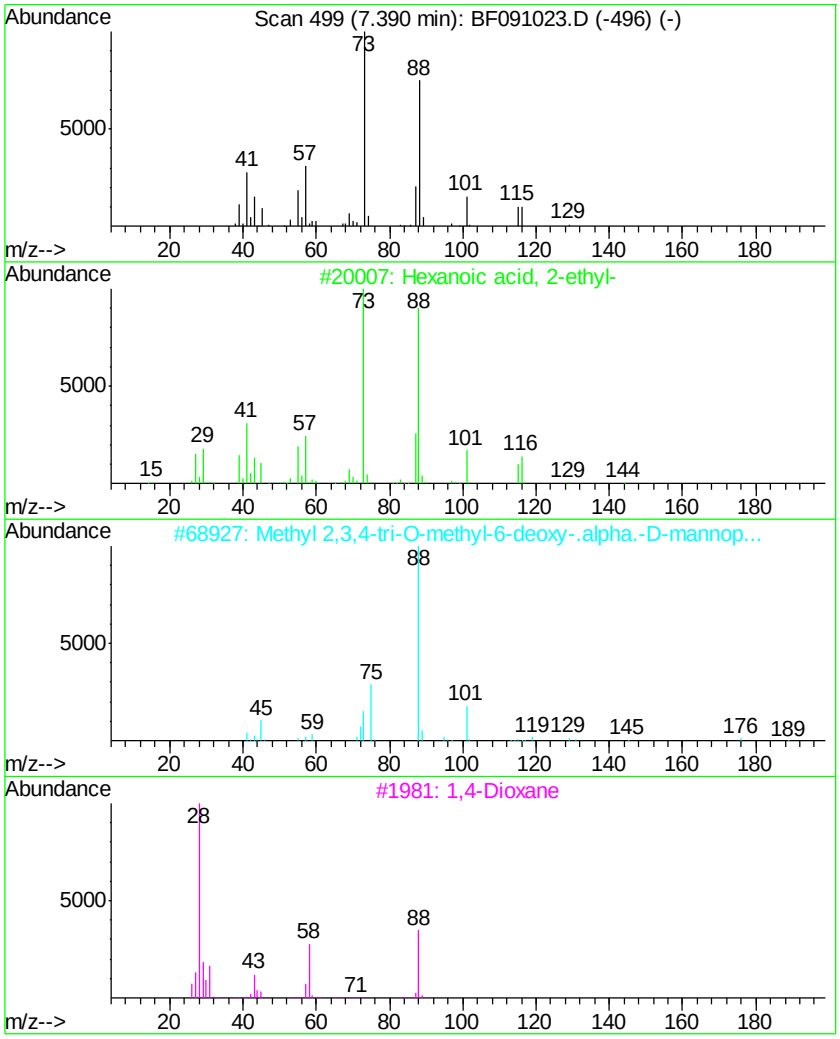
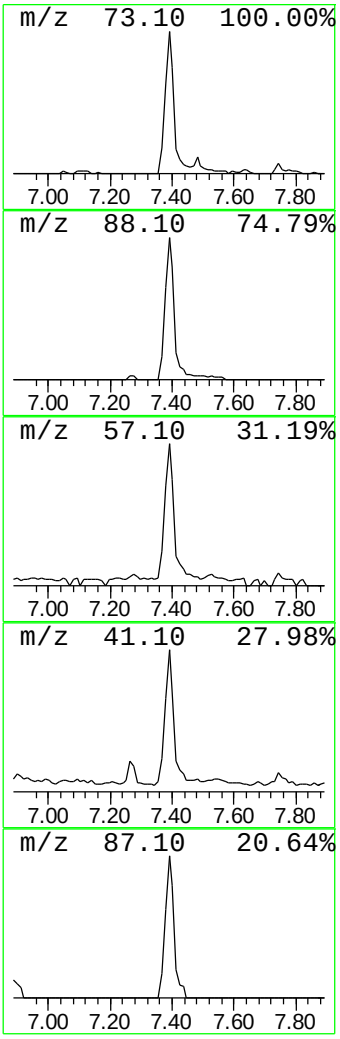
Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	3.43 ng	228327	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	42
3	1,4-Dioxane	88	C4H8O2	000123-91-1	37
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	37
5	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	33





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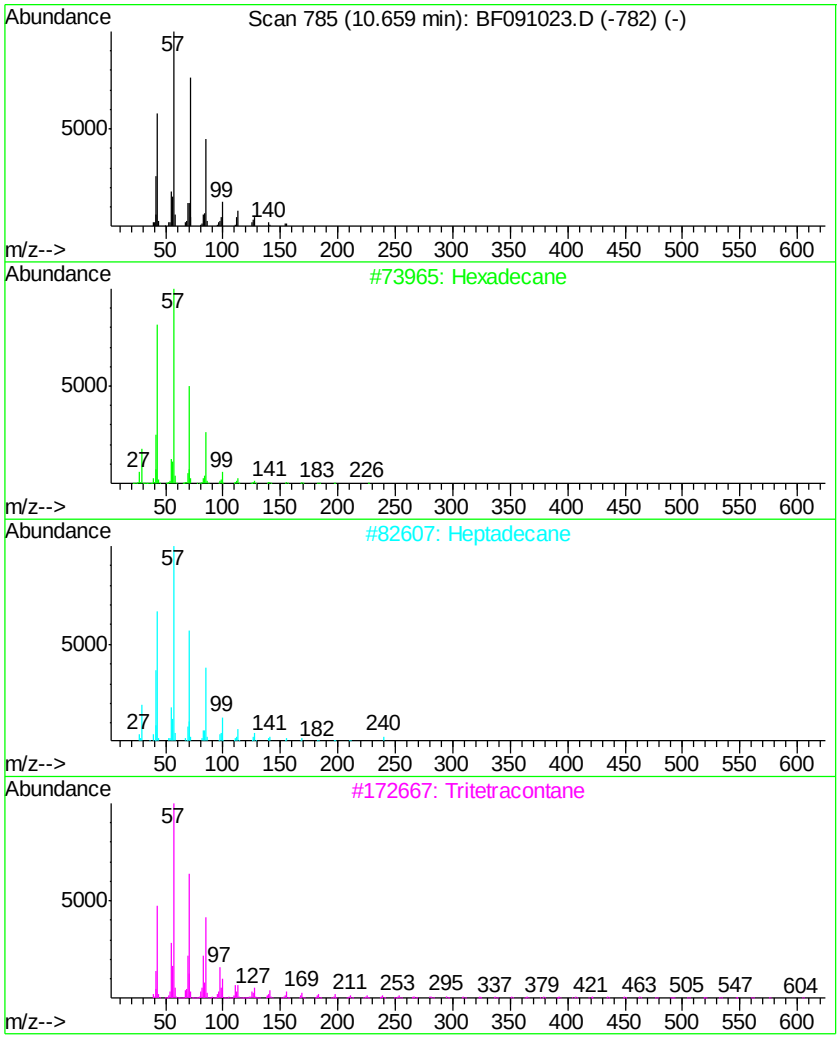
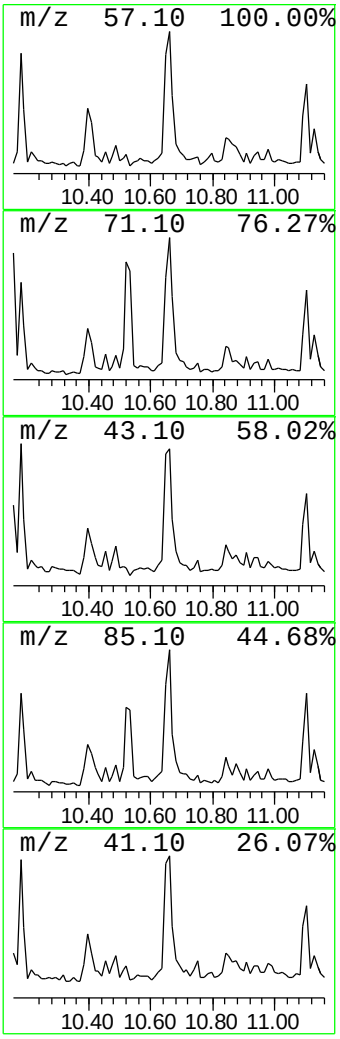
Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.47 ng	194994	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tritetracontane	605	C43H88	007098-21-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





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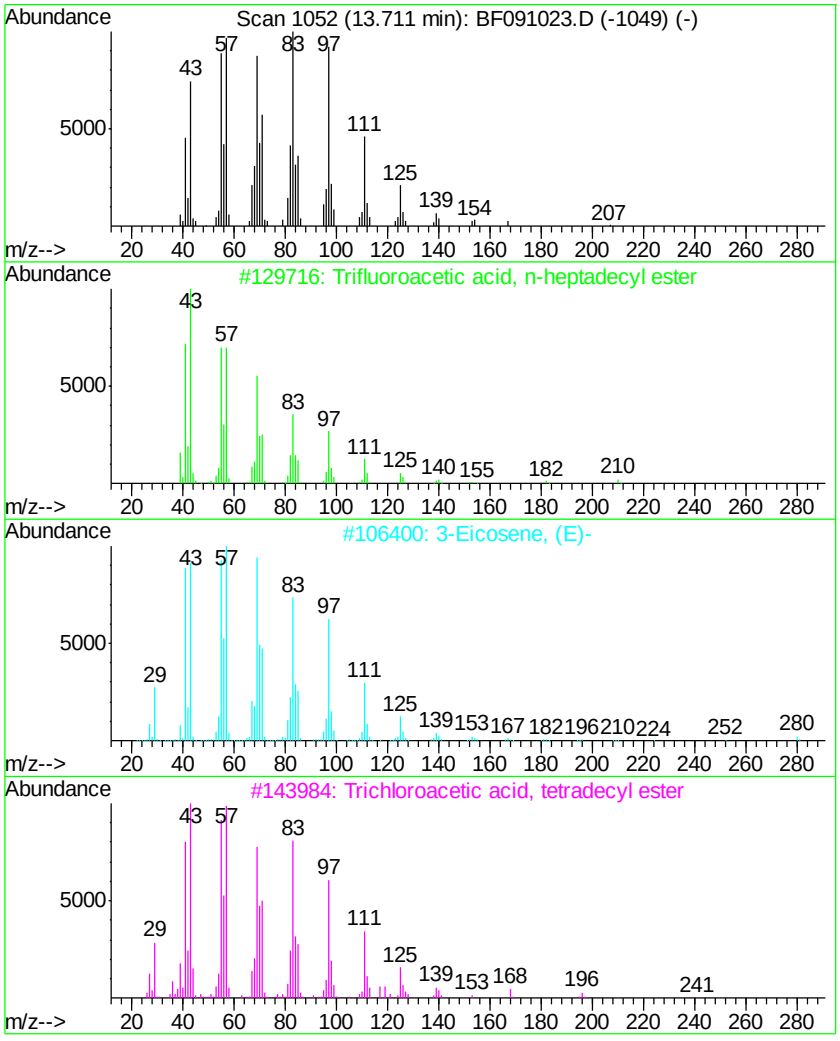
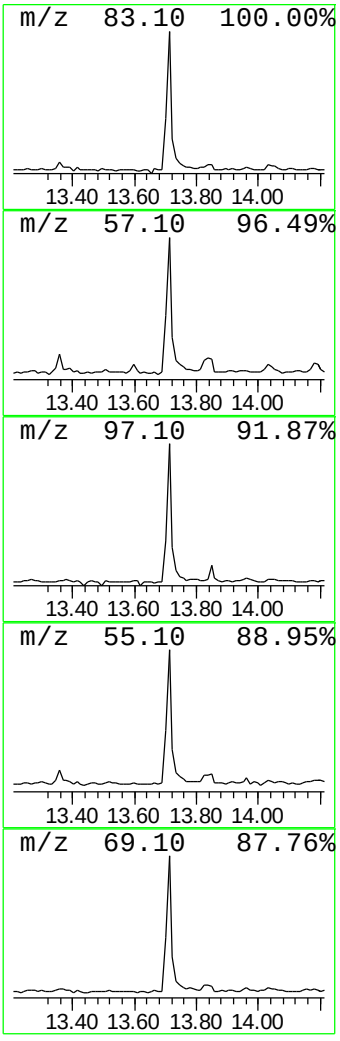
Peak Number 7 Trifluoroacetic acid, n-hep... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	3.39 ng	211208	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	1-Heptadecanol	256	C17H36O	001454-85-9	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.86	24.5	ng	1166140	1	6.70	951634	20.0
unknown6.48	6.48	113.8	ng	5412910	1	6.70	951634	20.0
Hexanoic acid, 2-...	7.39	3.4	ng	228327	2	7.98	1331500	20.0
Hexadecane	10.66	2.5	ng	194994	4	11.22	1578880	20.0
Trifluoroacetic a...	13.71	3.4	ng	211208	5	13.85	1245910	20.0