LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091021.D
Acq On : 4 Nov 2016 13:56
Operator : UM/SJ
Sample : H5526-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-100-11.5-12.0

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	33	rVB	2517987	5935419	95.98%	10.031%
2	2.144	33	40	62	rVB	1724213	3023158	48.89%	5.109%
3	4.864	275	278	288	rBV	697793	1224685	19.80%	2.070%
4	5.298	313	316	319	rBV	4051381	4703376	76.06%	7.949%
5	6.350	405	408	411	rBV	3681636	4635215	74.96%	7.833%
6	6.476	416	419	421	rBV	4177130	5349021	86.50%	9.040%
7	6.704	437	439	441	rBV	840401	1020792	16.51%	1.725%
8	6.853	450	452	455	rBV	3232346	3758531	60.78%	6.352%
9	7.276	486	489	491	rBV	2087951	3203178	51.80%	5.413%
10	7.390	496	499	506	rVB	92068	157676	2.55%	0.266%
11	7.984	549	551	554	rBV	1372800	1464385	23.68%	2.475%
12	9.070	642	646	648	rBV	5578653	6183969	100.00%	10.451%
13	9.470	677	681	683	rBV	1796308	1911983	30.92%	3.231%
14	9.688	695	700	701	rBV2	24249	62607	1.01%	0.106%
15	9.745	701	705	707	rBV	1153703	1710892	27.67%	2.891%
16	10.179	735	743	745	rBV3	58668	128283	2.07%	0.217%
17	10.533	771	774	776	rBV	3518620	4044195	65.40%	6.835%
18	10.659	783	785	791	rVB	82184	149365	2.42%	0.252%
19	11.105	822	824	825	rBV	66272	67408	1.09%	0.114%
20	11.219	832	834	837	rBV	1834969	1649433	26.67%	2.787%
21	11.459	852	855	859	rBV	206078	217251	3.51%	0.367%
22	11.768	880	882	886	rBV2	90596	118153	1.91%	0.200%
23	12.808	970	973	976	rBV	4803430	5275302	85.31%	8.915%
24	13.711	1049	1052	1060	rBV	323123	422439	6.83%	0.714%
25	13.848	1062	1064	1067	rBV	1316043	1429047	23.11%	2.415%
26	14.694	1136	1138	1141	rBV	157645	161416	2.61%	0.273%
27	15.094	1167	1173	1183	rVB3	14636	69100	1.12%	0.117%
28	15.242	1183	1186	1188	rBV	802365	1027454	16.61%	1.736%
29	16.625	1299	1307	1310	rBV4	13367	69122	1.12%	0.117%

Sum of corrected areas: 59172855

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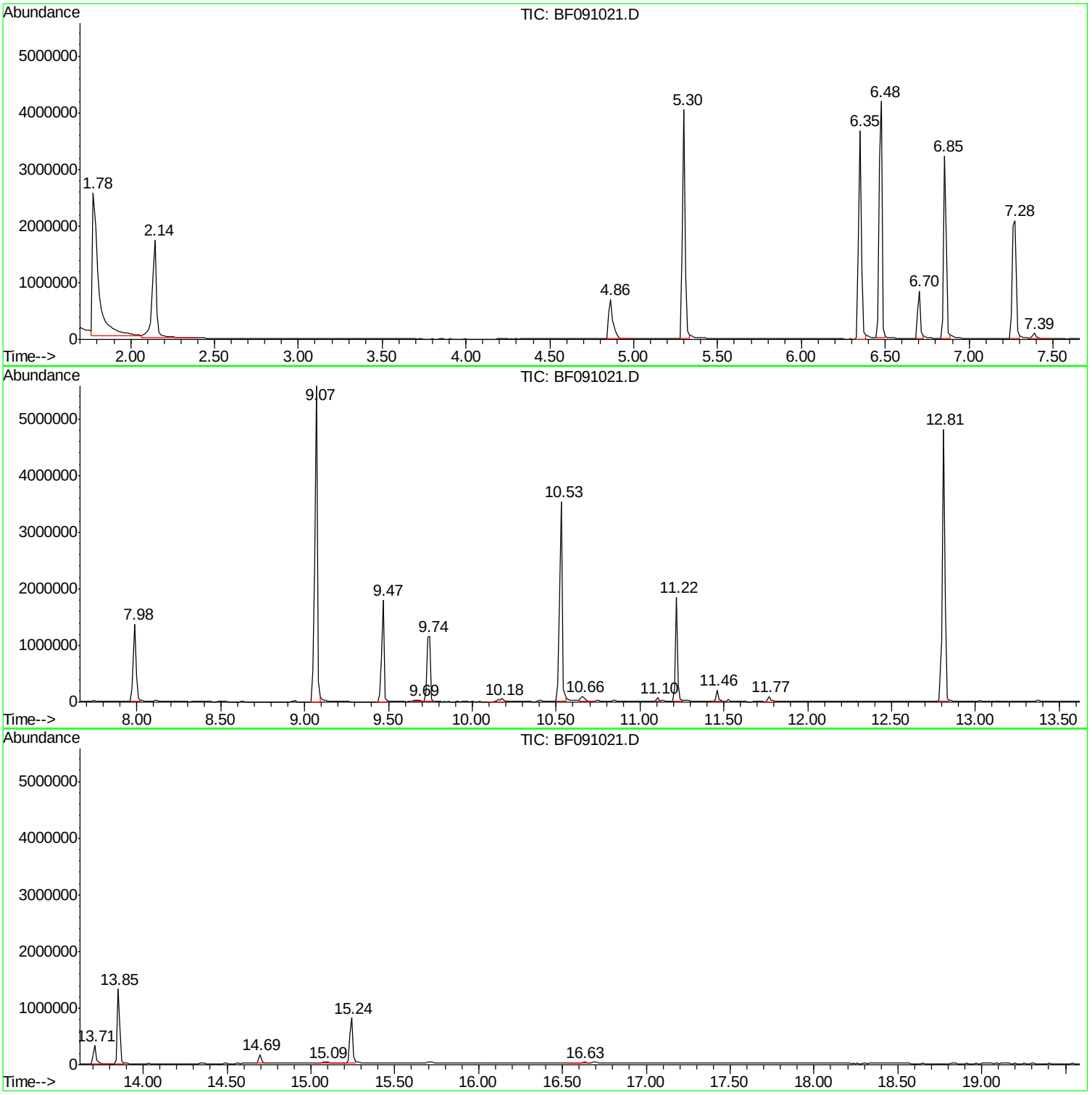
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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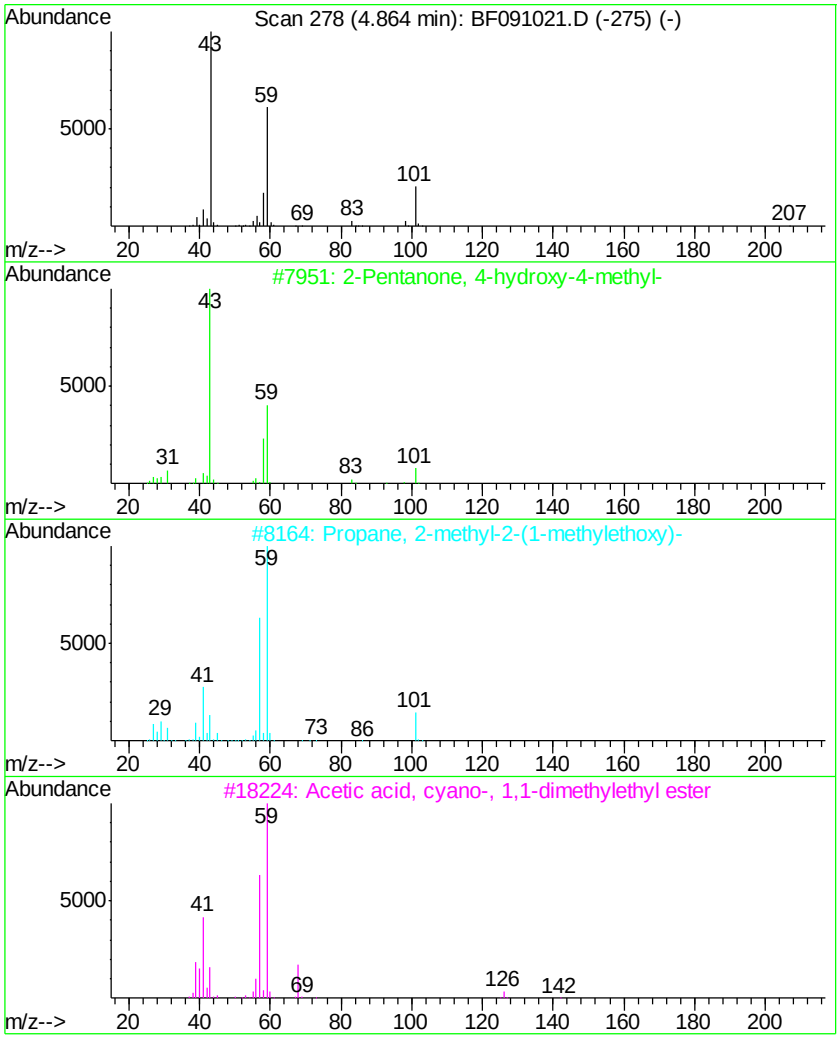
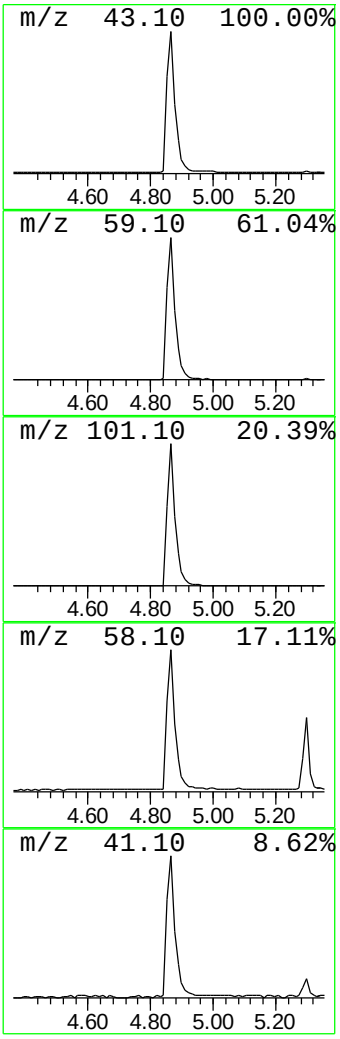
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	23.99 ng	1224690	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	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	23
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : SB-100-11.5-12.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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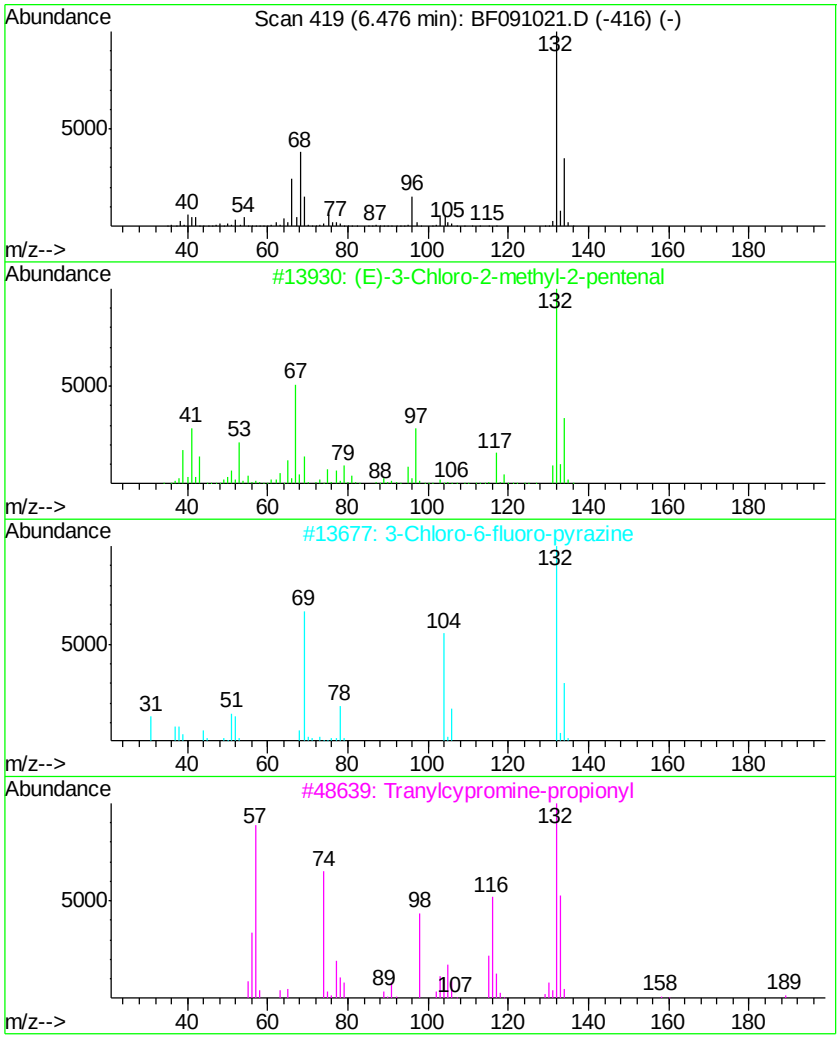
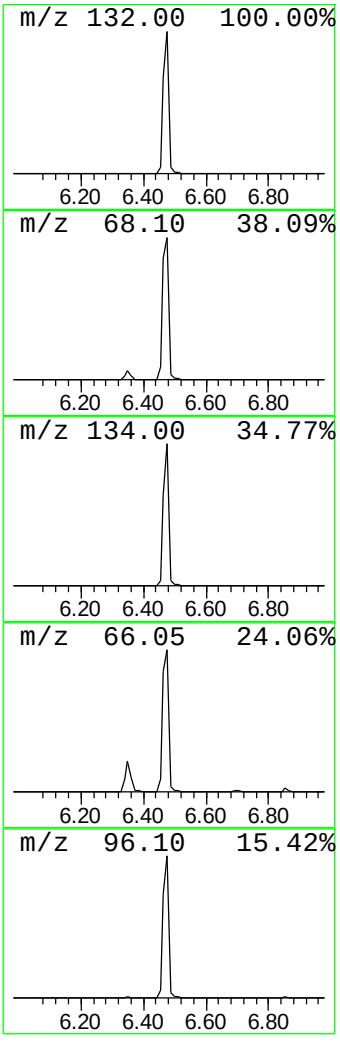
Peak Number 4 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	104.80 ng	5349020	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
ClientSampleId : SB-100-11.5-12.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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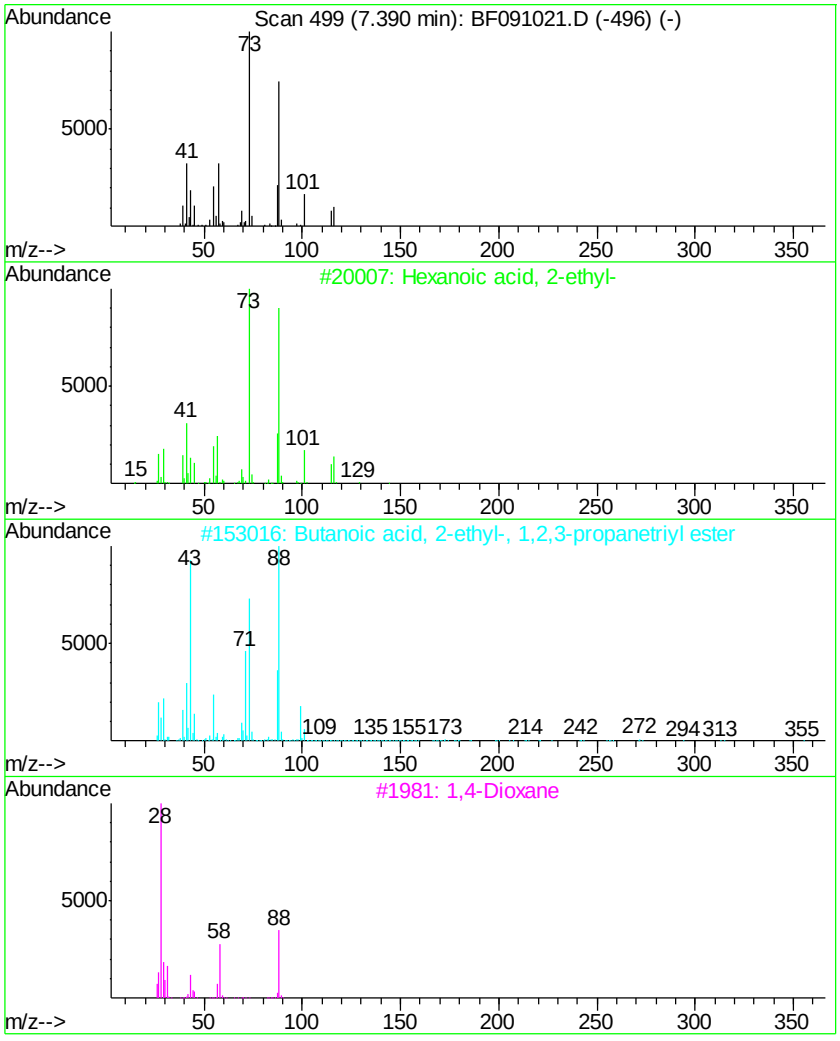
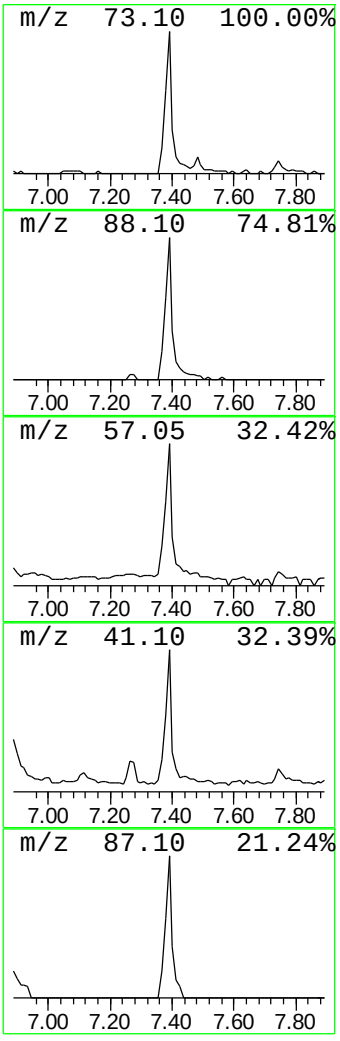
Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	2.15 ng	157676	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	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3	1,4-Dioxane	88	C4H8O2	000123-91-1	47
4	Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	38
5	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	36





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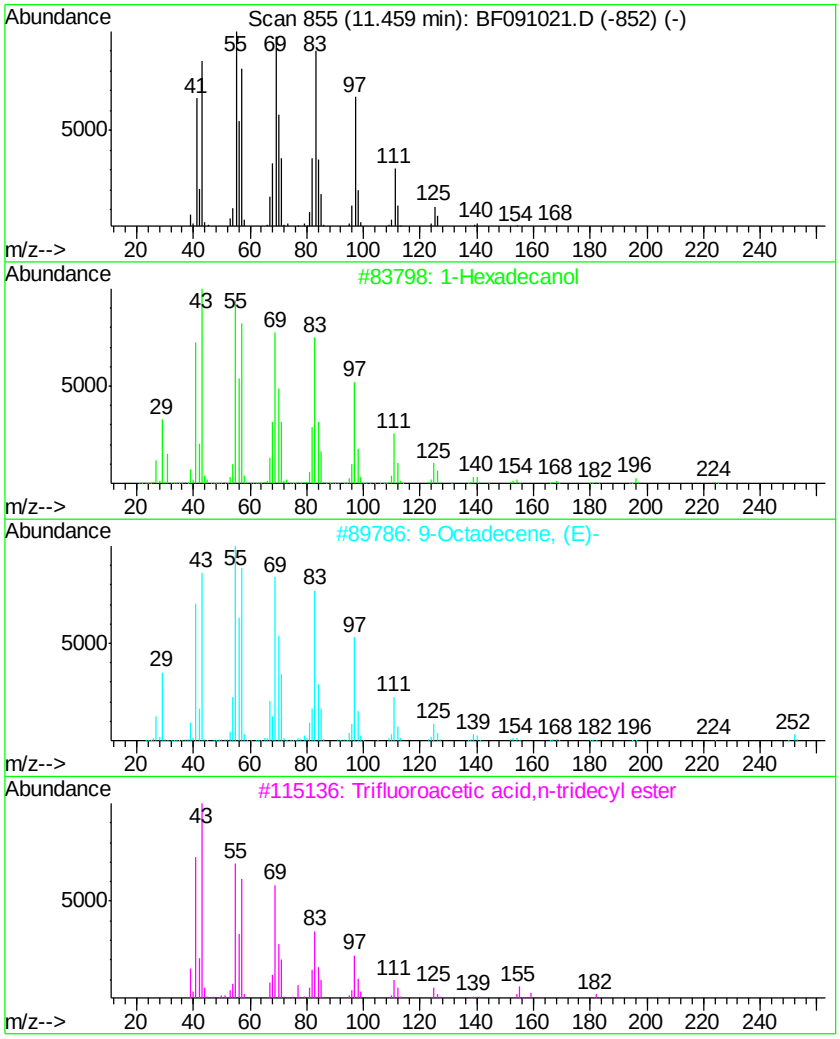
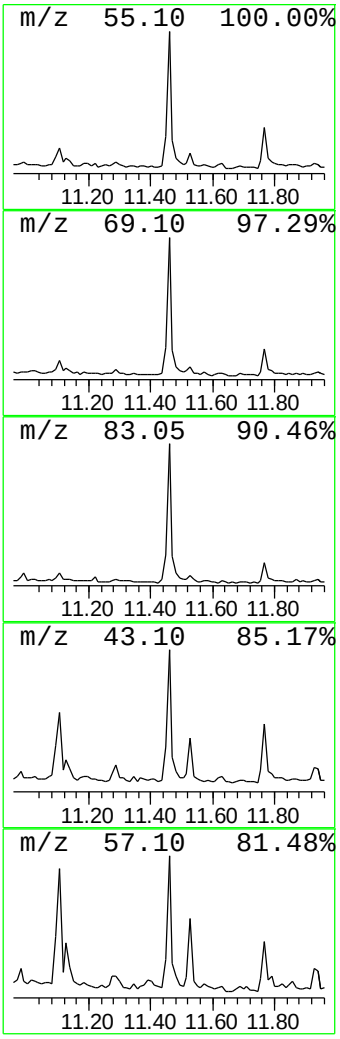
Peak Number 7 1-Hexadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.63 ng	217251	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	1-Nonadecene	266	C19H38	018435-45-5	90





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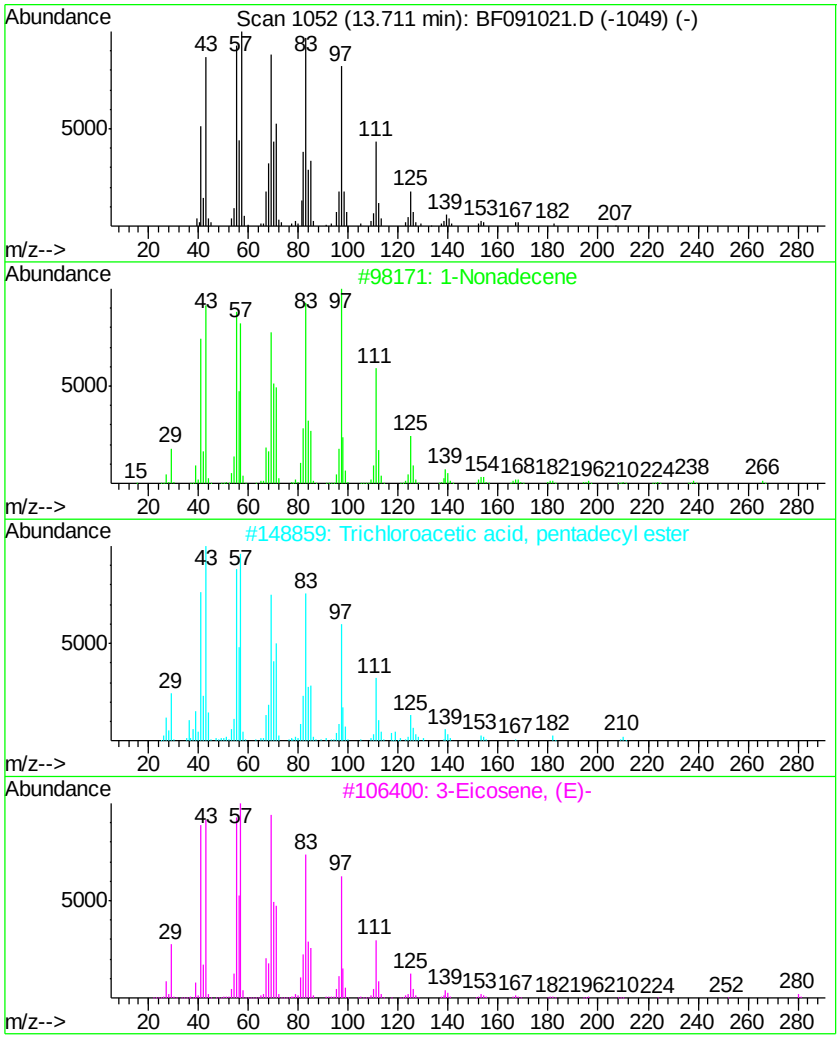
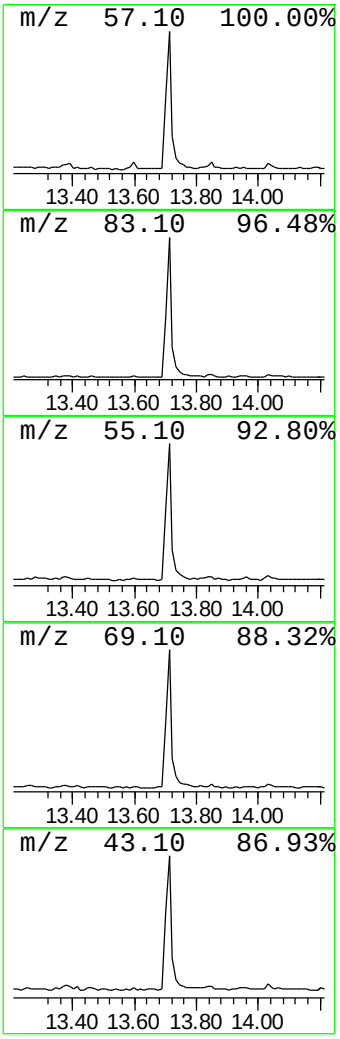
Peak Number 8 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	5.91 ng	422439	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	90
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87





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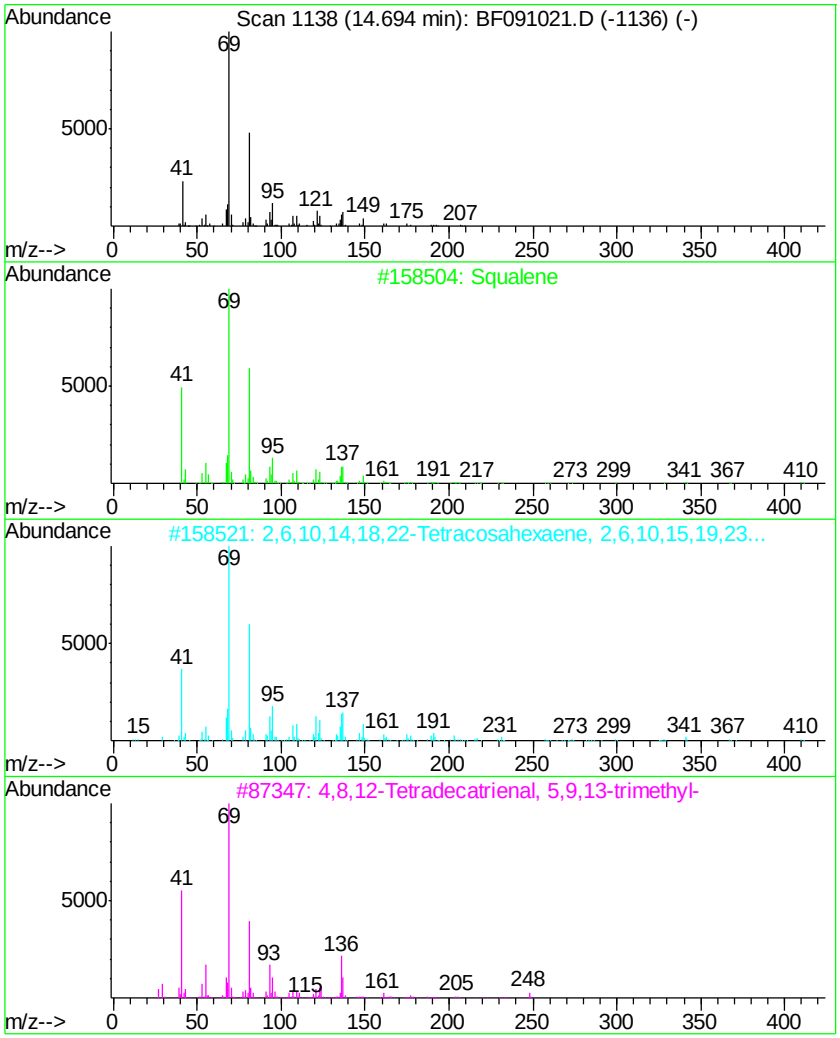
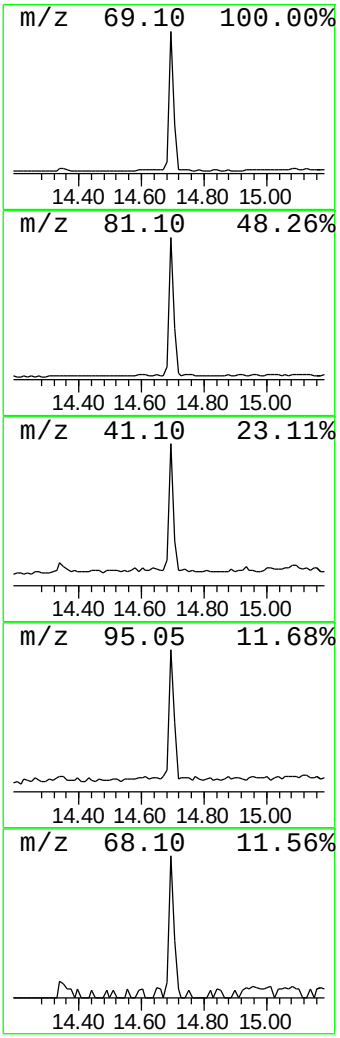
Peak Number 9 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.14 ng	161416	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	56





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...	4.86	24.0	ng	1224690	1	6.70	1020790	20.0
unknown6.48	6.48	104.8	ng	5349020	1	6.70	1020790	20.0
Hexanoic acid, 2-...	7.39	2.1	ng	157676	2	7.98	1464390	20.0
1-Hexadecanol	11.46	2.6	ng	217251	4	11.22	1649430	20.0
1-Nonadecene	13.71	5.9	ng	422439	5	13.85	1429050	20.0
Squalene	14.69	3.1	ng	161416	6	15.24	1027450	20.0