LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091024.D
Acq On : 4 Nov 2016 15:17
Operator : UM/SJ
Sample : H5526-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-103-21.5-22.0

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	6	8	39	rVB	2950547	6753019	100.00%	11.545%
2	4.864	275	278	288	rBV	726660	1322836	19.59%	2.261%
3	5.299	313	316	319	rBV	4410568	5097259	75.48%	8.714%
4	6.350	405	408	411	rBV	4041219	5181463	76.73%	8.858%
5	6.476	416	419	421	rBV	4421989	5905169	87.44%	10.095%
6	6.704	437	439	441	rBV	778442	1014574	15.02%	1.734%
7	6.853	450	452	455	rBV	3753370	4171994	61.78%	7.132%
8	7.264	485	488	491	rBV	2434864	3874747	57.38%	6.624%
9	7.390	496	499	506	rVB	71621	150753	2.23%	0.258%
10	7.985	549	551	554	rBV	1400950	1467226	21.73%	2.508%
11	9.070	642	646	648	rBV	5764649	6428022	95.19%	10.989%
12	9.470	677	681	683	rBV	1207173	1420142	21.03%	2.428%
13	9.733	702	704	707	rBV	1121972	1646425	24.38%	2.815%
14	10.179	732	743	745	rBV3	53656	105663	1.56%	0.181%
15	10.533	771	774	776	rBV	3727886	4266231	63.18%	7.293%
16	10.659	783	785	791	rVB	89406	158186	2.34%	0.270%
17	11.105	822	824	825	rBV	73628	75441	1.12%	0.129%
18	11.219	832	834	838	rBV	1881378	1668996	24.71%	2.853%
19	12.808	970	973	976	rBV	4759998	5259096	77.88%	8.991%
20	13.711	1049	1052	1060	rBV	204443	260288	3.85%	0.445%
21	13.848	1062	1064	1067	rBV	1161948	1298881	19.23%	2.220%
22	15.242	1183	1186	1196	rBV	739585	968955	14.35%	1.656%

Sum of corrected areas: 58495366

LSC Report - Integrated Chromatogram

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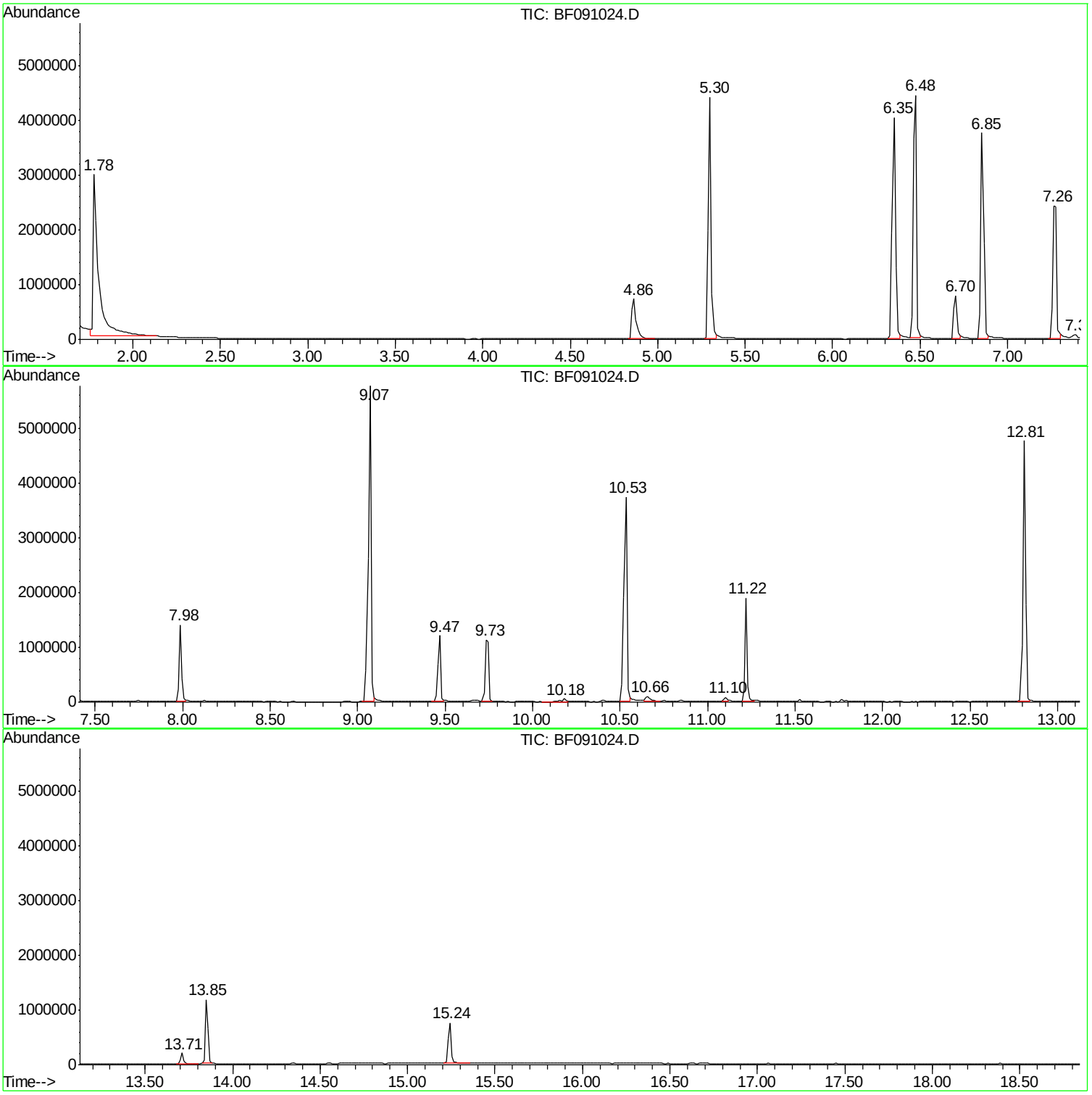
ClientSampleId : SB-103-21.5-22.0

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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TIC Integration Parameters: LSCINT.P

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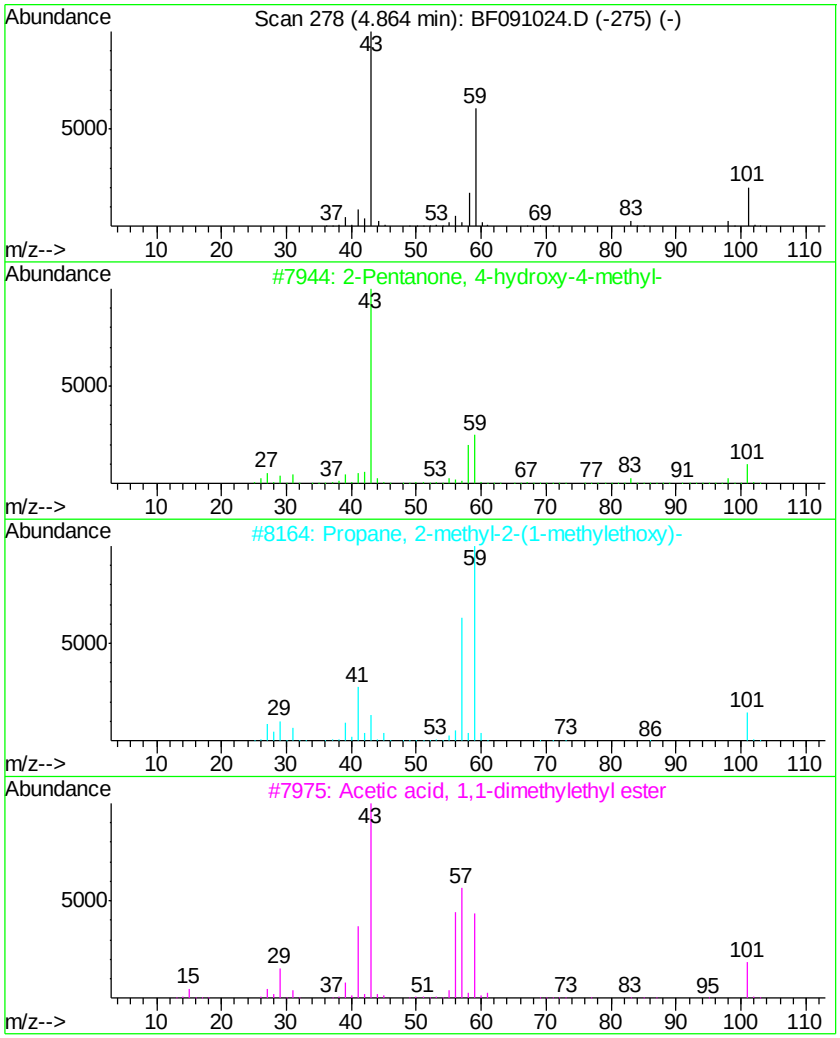
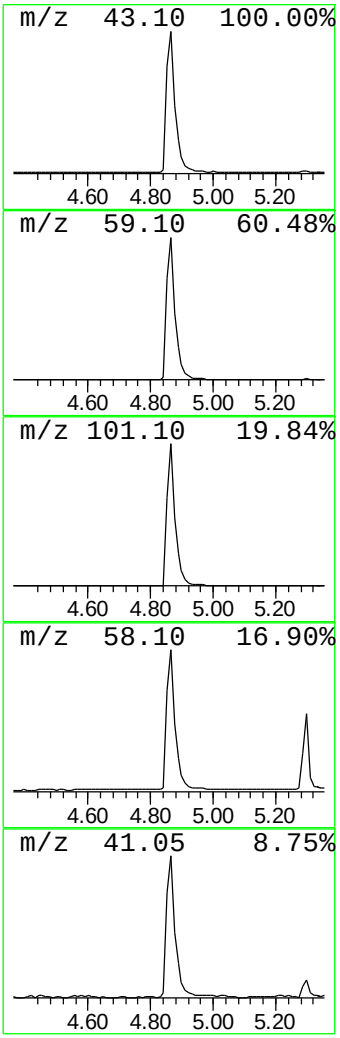
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	26.08 ng	1322840	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	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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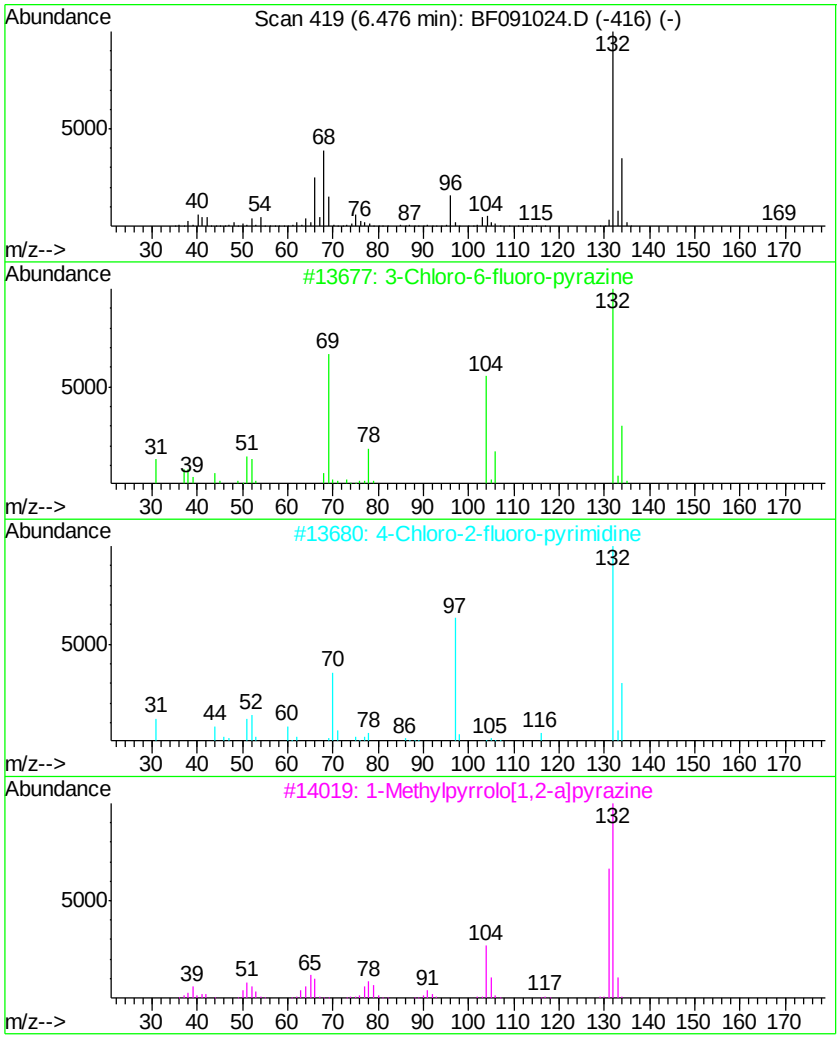
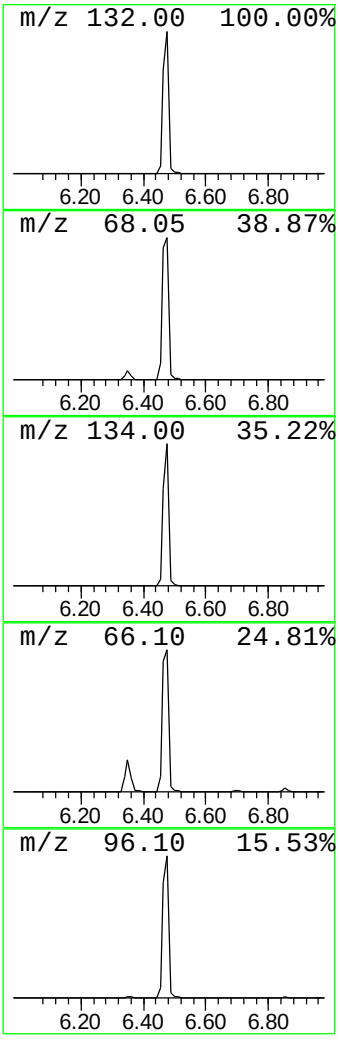
Peak Number 3 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	116.41 ng	5905170	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	16
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Acq On : 4 Nov 2016 15:17
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Sample : H5526-12
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-103-21.5-22.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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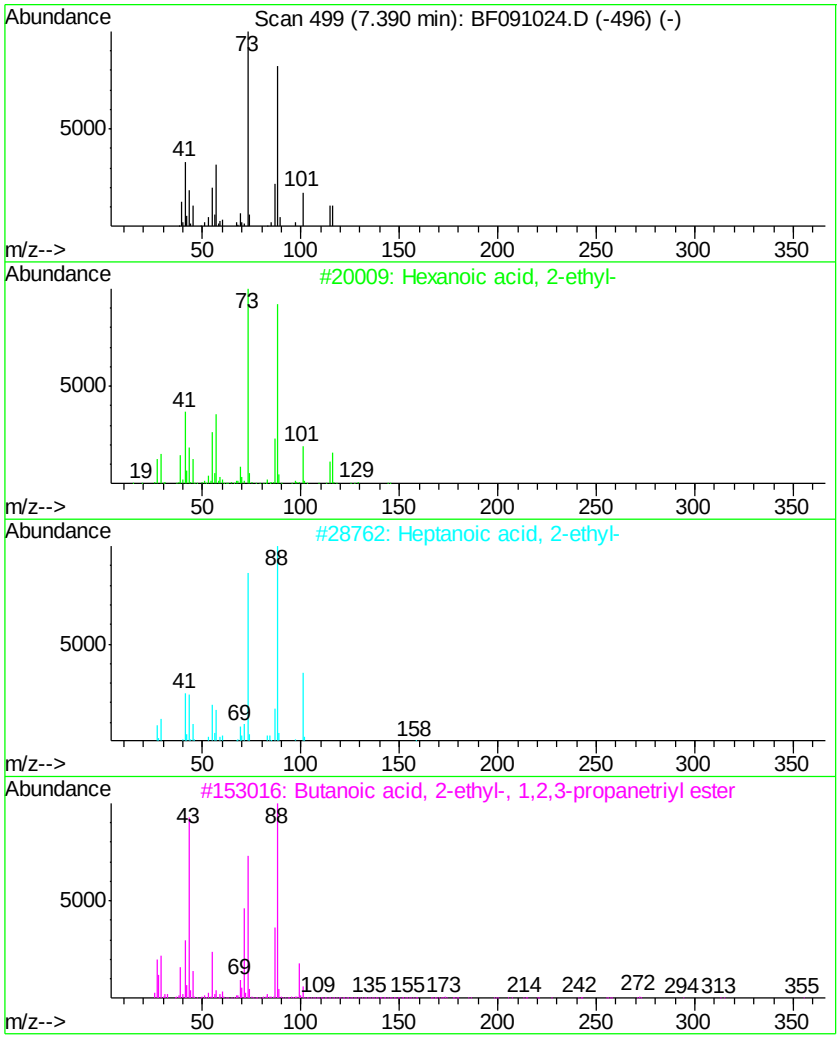
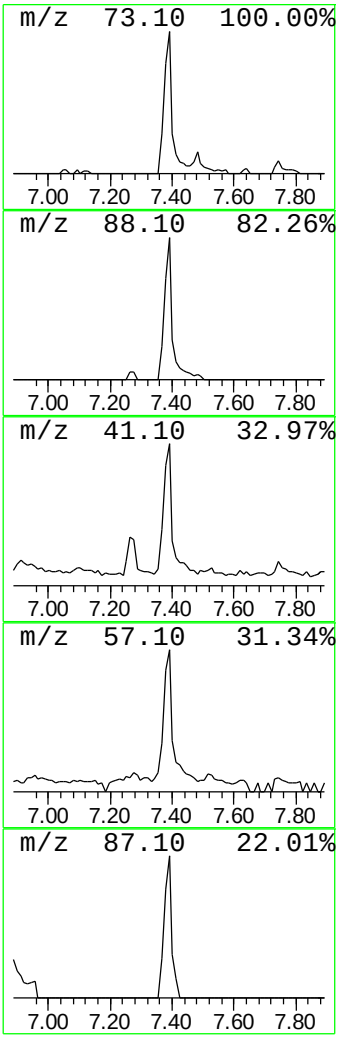
Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	2.05 ng	150753	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
4	1,4-Dioxane	88	C4H8O2	000123-91-1	43
5	Hydroxypivalic acid	118	C5H10O3	004835-90-9	36





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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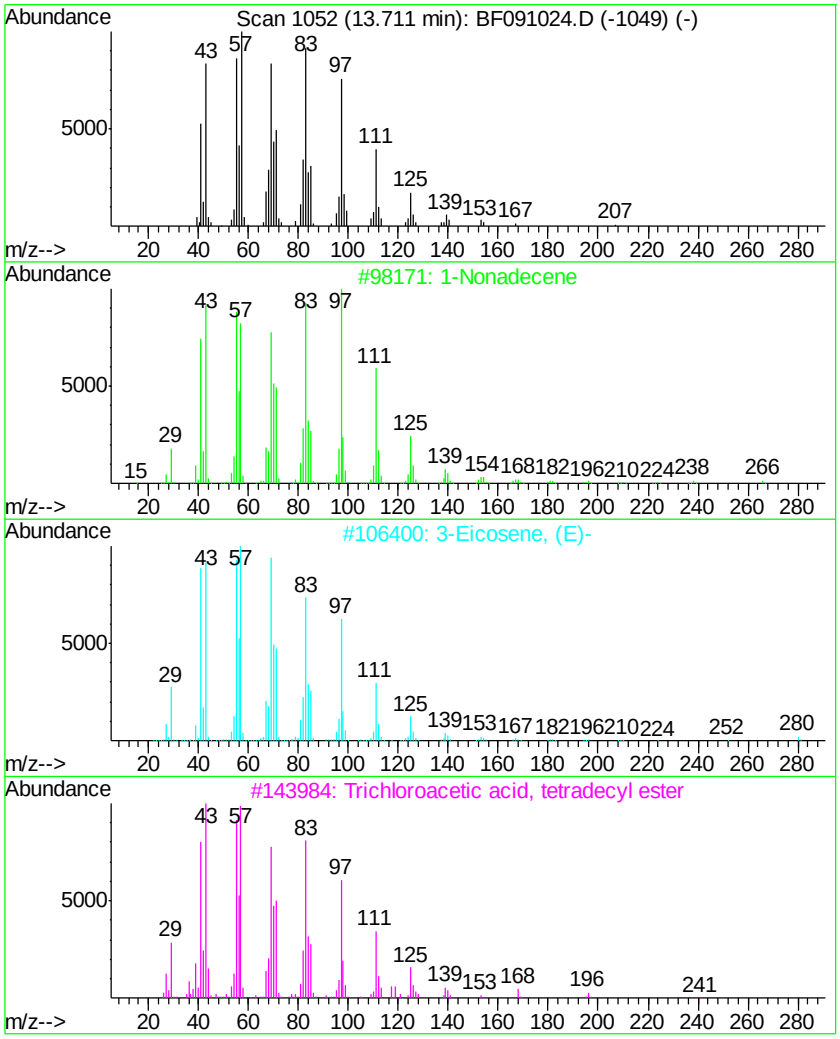
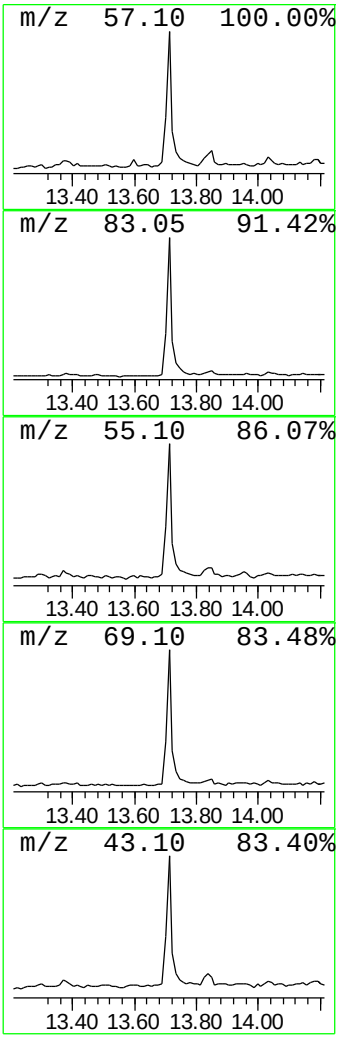
Peak Number 6 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	4.01 ng	260288	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.86	26.1	ng	1322840	1	6.70	1014570	20.0
unknown6.48	6.48	116.4	ng	5905170	1	6.70	1014570	20.0
Hexanoic acid, 2-...	7.39	2.0	ng	150753	2	7.98	1467230	20.0
1-Nonadecene	13.71	4.0	ng	260288	5	13.85	1298880	20.0