LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091029.D
Acq On : 4 Nov 2016 19:18
Operator : UM/SJ
Sample : H5526-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-102-1.0-1.5

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	37	rVB	3719203	8688363	100.00%	14.889%
2	4.853	275	277	290	rBV	704438	1180289	13.58%	2.023%
3	5.299	313	316	318	rBV	4182877	4903214	56.43%	8.403%
4	6.350	405	408	410	rBV	4064765	4688286	53.96%	8.034%
5	6.464	416	418	421	rBV	3751340	5028552	57.88%	8.617%
6	6.705	436	439	441	rBV	776652	1149304	13.23%	1.970%
7	6.853	449	452	455	rBV	3566167	3561721	40.99%	6.104%
8	7.265	486	488	491	rBV	2290713	3156261	36.33%	5.409%
9	7.985	549	551	554	rBV	1709870	1682009	19.36%	2.882%
10	9.070	642	646	648	rBV	5101302	5540374	63.77%	9.495%
11	9.470	678	681	683	rBV	1126944	1410182	16.23%	2.417%
12	9.688	695	700	702	rBV2	48596	93862	1.08%	0.161%
13	9.733	702	704	707	rBV	1384684	1911669	22.00%	3.276%
14	10.179	739	743	745	rBV	128486	152885	1.76%	0.262%
15	10.396	759	762	766	rBV	53015	104713	1.21%	0.179%
16	10.533	771	774	776	rBV	3099757	3872030	44.57%	6.636%
17	10.659	782	785	789	rVB	147461	249361	2.87%	0.427%
18	11.105	822	824	825	rBV	97993	108253	1.25%	0.186%
19	11.219	832	834	836	rBV	2120825	1894506	21.81%	3.247%
20	11.459	852	855	859	rBV	123871	144039	1.66%	0.247%
21	11.768	879	882	886	rBV2	159621	190339	2.19%	0.326%
22	12.637	956	958	961	rBV2	60909	104091	1.20%	0.178%
23	12.808	970	973	975	rBV	5157121	4802081	55.27%	8.229%
24	13.711	1049	1052	1062	rBV	561096	776696	8.94%	1.331%
25	13.848	1062	1064	1067	rBV	1616540	1659085	19.10%	2.843%
26	14.340	1105	1107	1113	rBV	162910	214221	2.47%	0.367%
27	15.243	1183	1186	1188	rBV	741039	1086793	12.51%	1.862%

Sum of corrected areas: 58353179

LSC Report - Integrated Chromatogram

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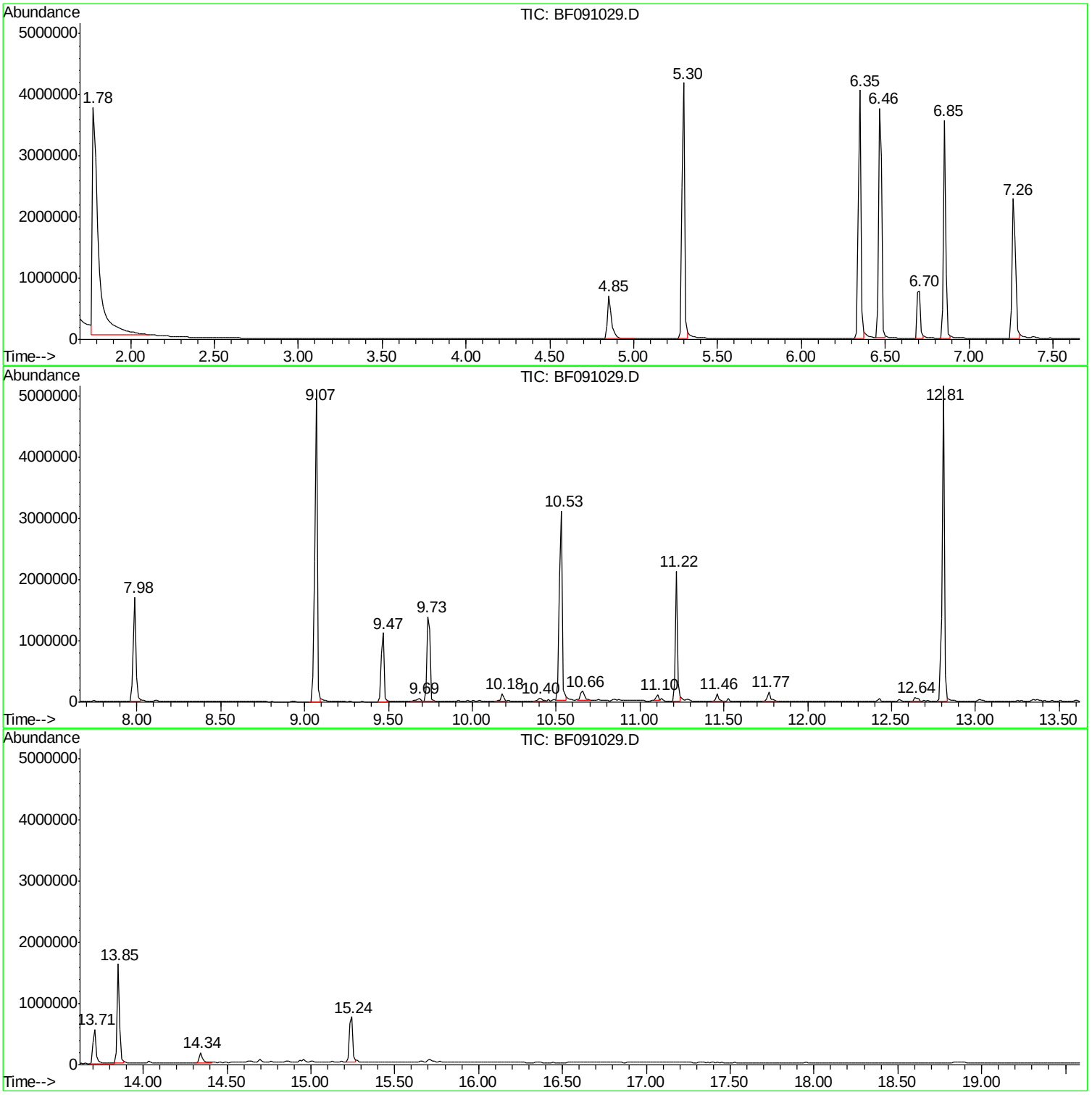
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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

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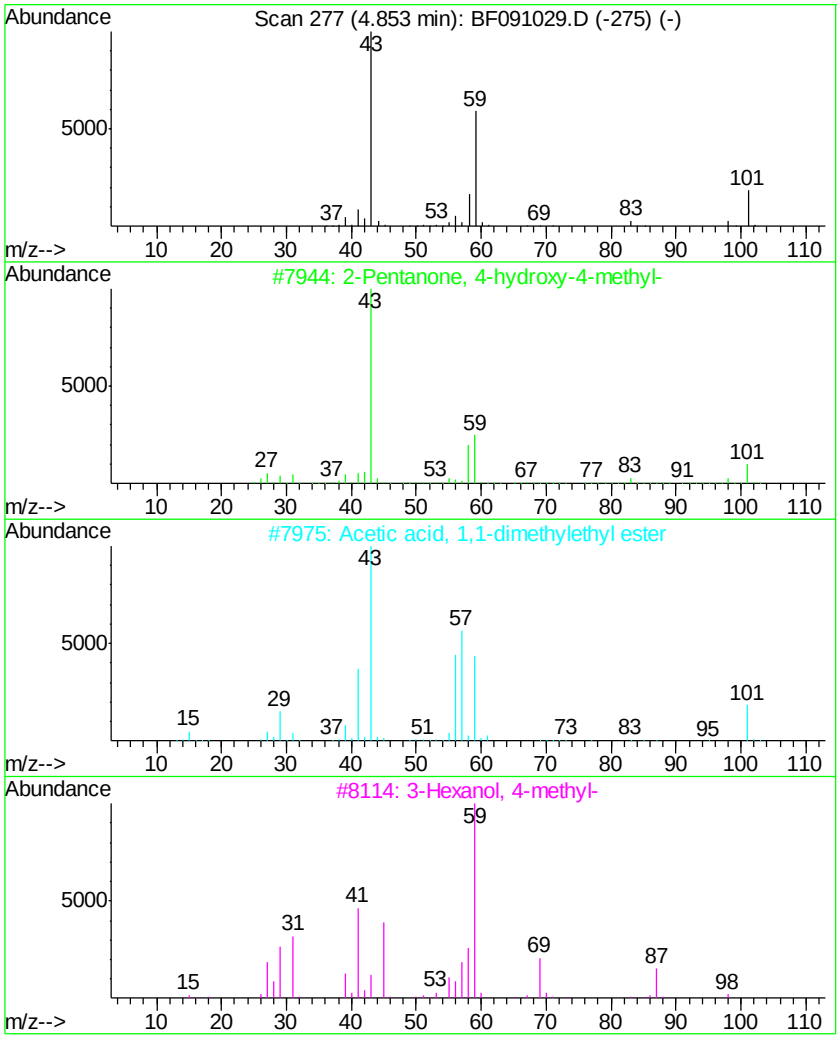
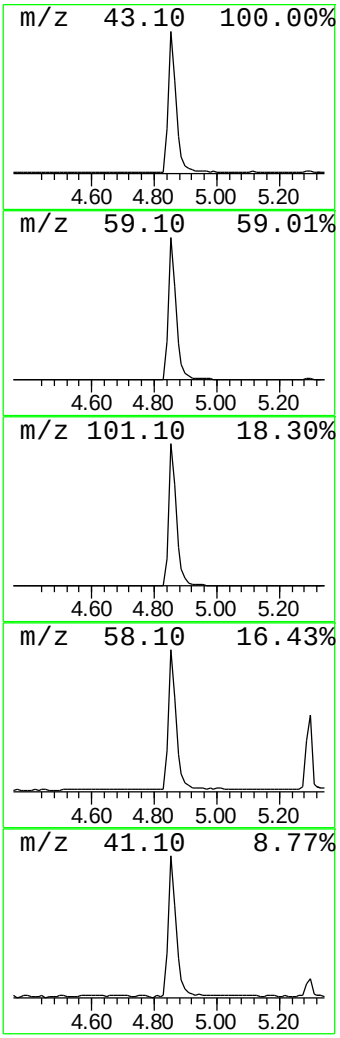
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	20.54 ng	1180290	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	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Sample : H5526-09
Misc :
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Instrument : BNA_F
ClientSampleId : SB-102-1.0-1.5

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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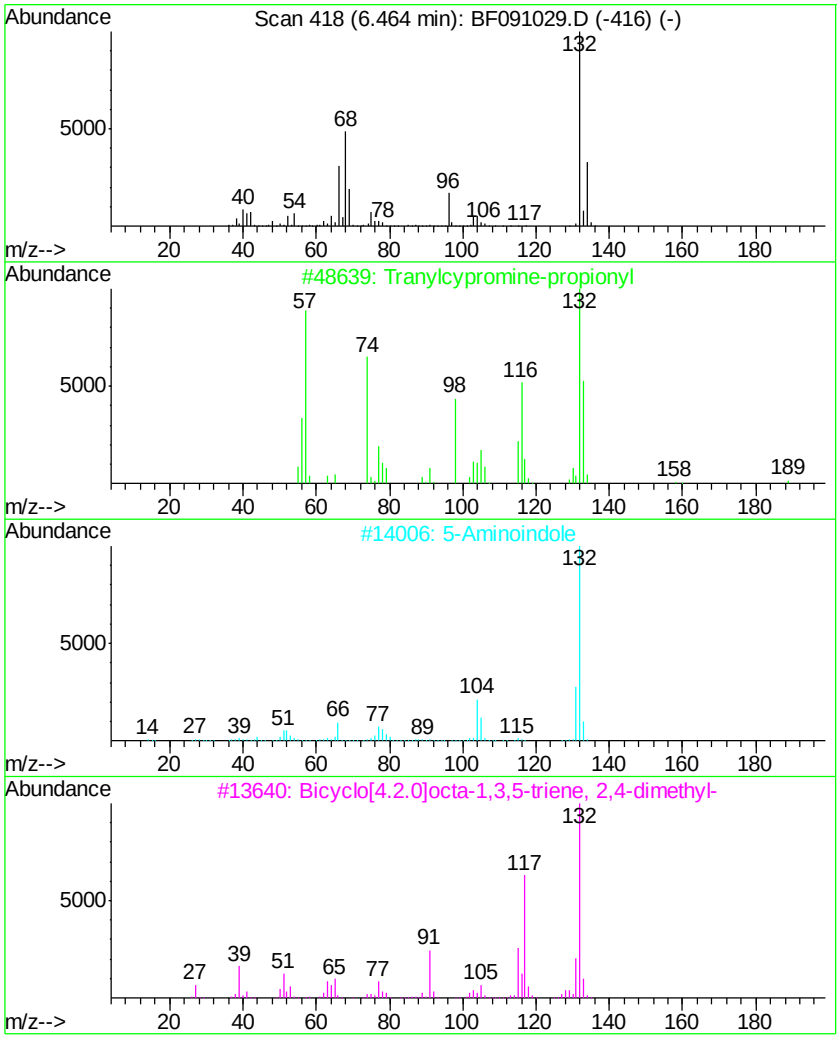
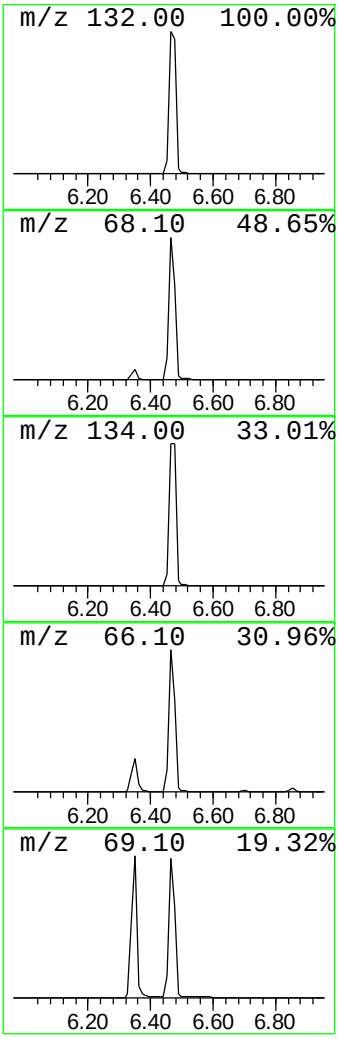
Peak Number 3 unknown6.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	87.51 ng	5028550	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : H5526-09
Misc :
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Instrument : BNA_F
ClientSampleId : SB-102-1.0-1.5

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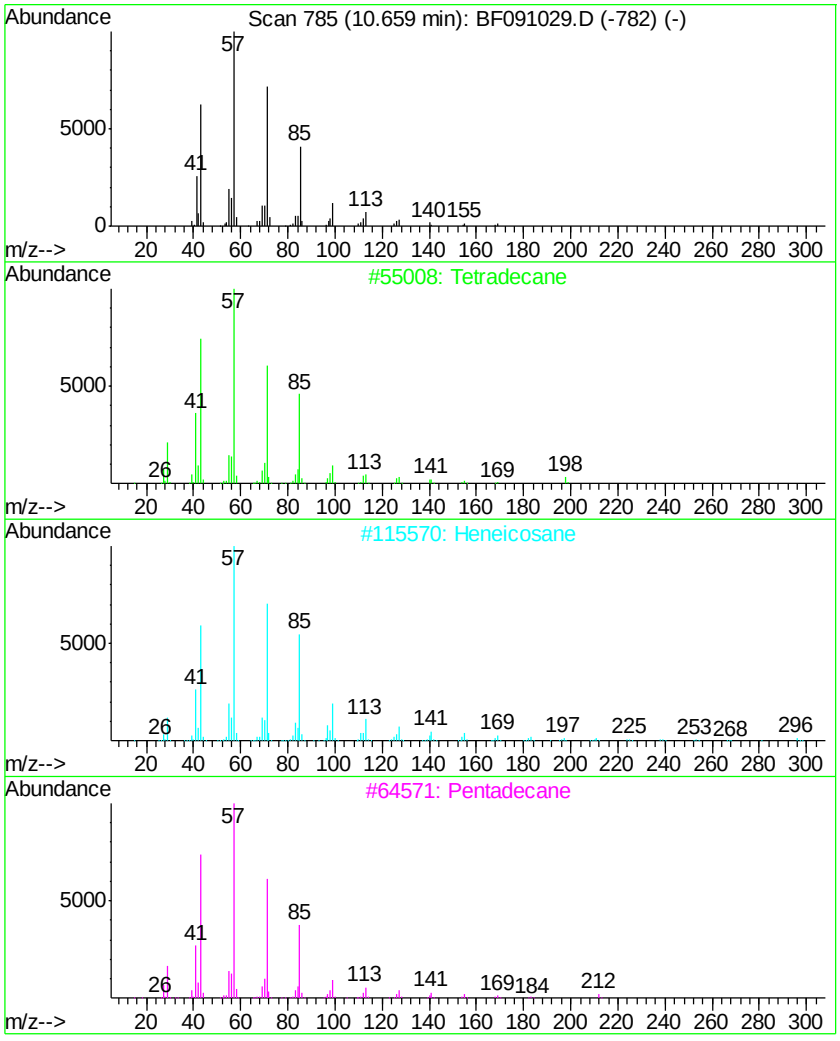
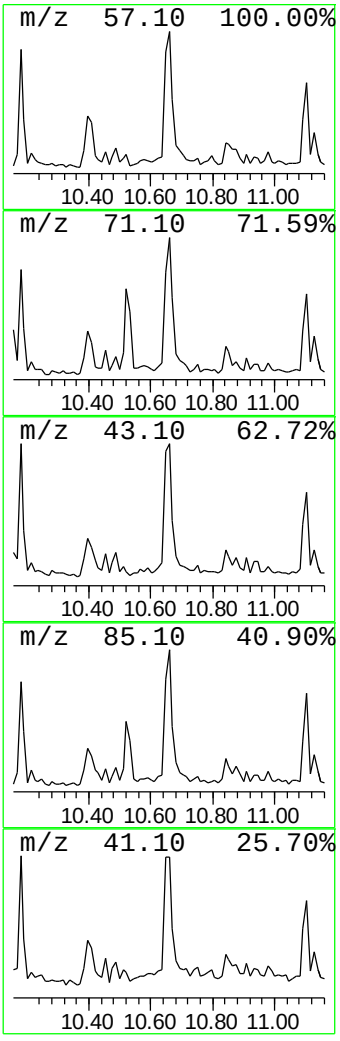
Peak Number 5 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.63 ng	249361	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB-102-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
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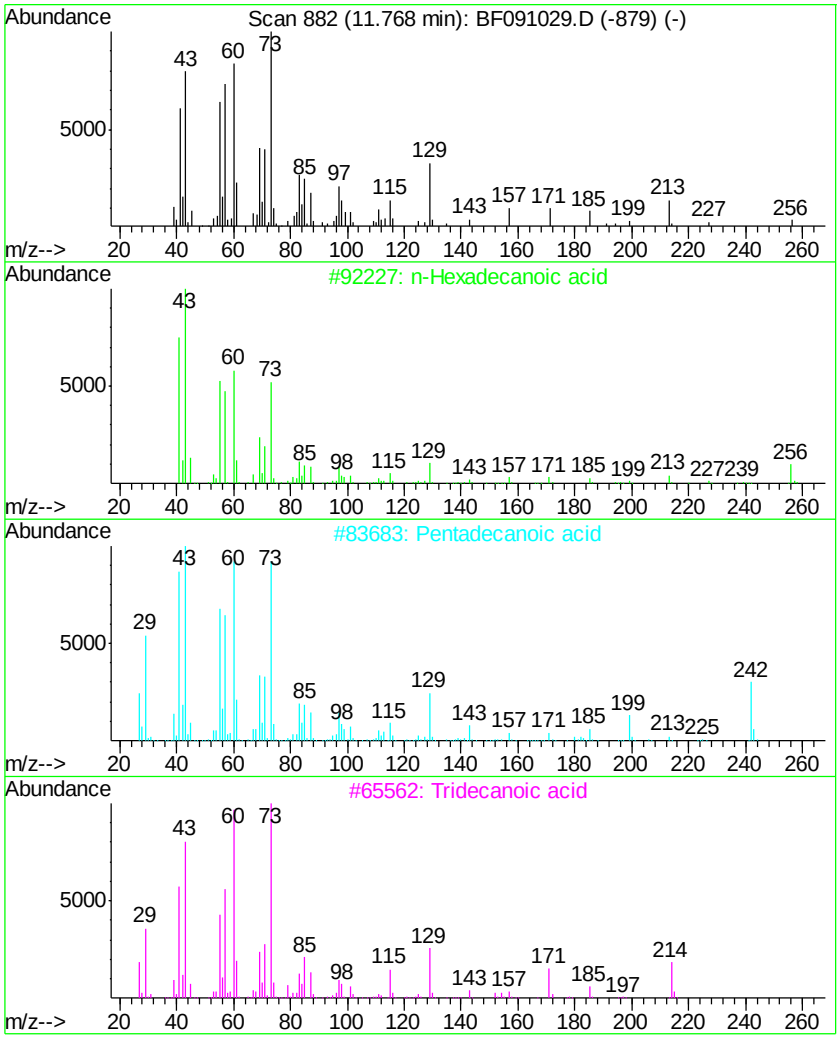
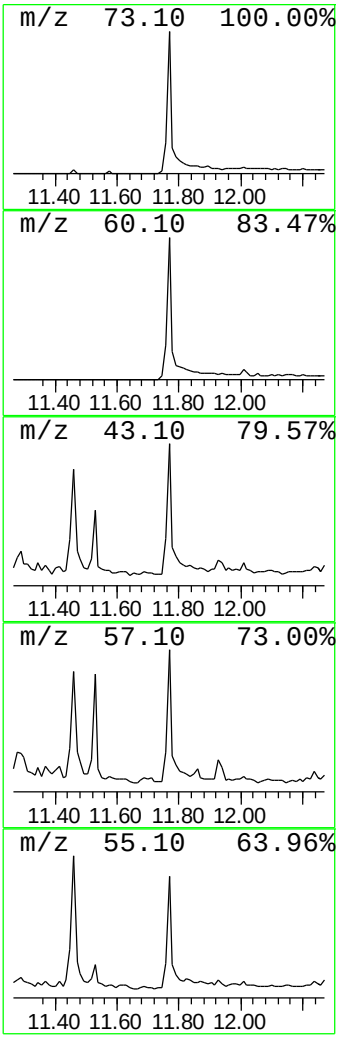
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.01 ng	190339	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Hexadecane	226	C16H34	000544-76-3	11





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Instrument : BNA_F
ClientSampleId : SB-102-1.0-1.5

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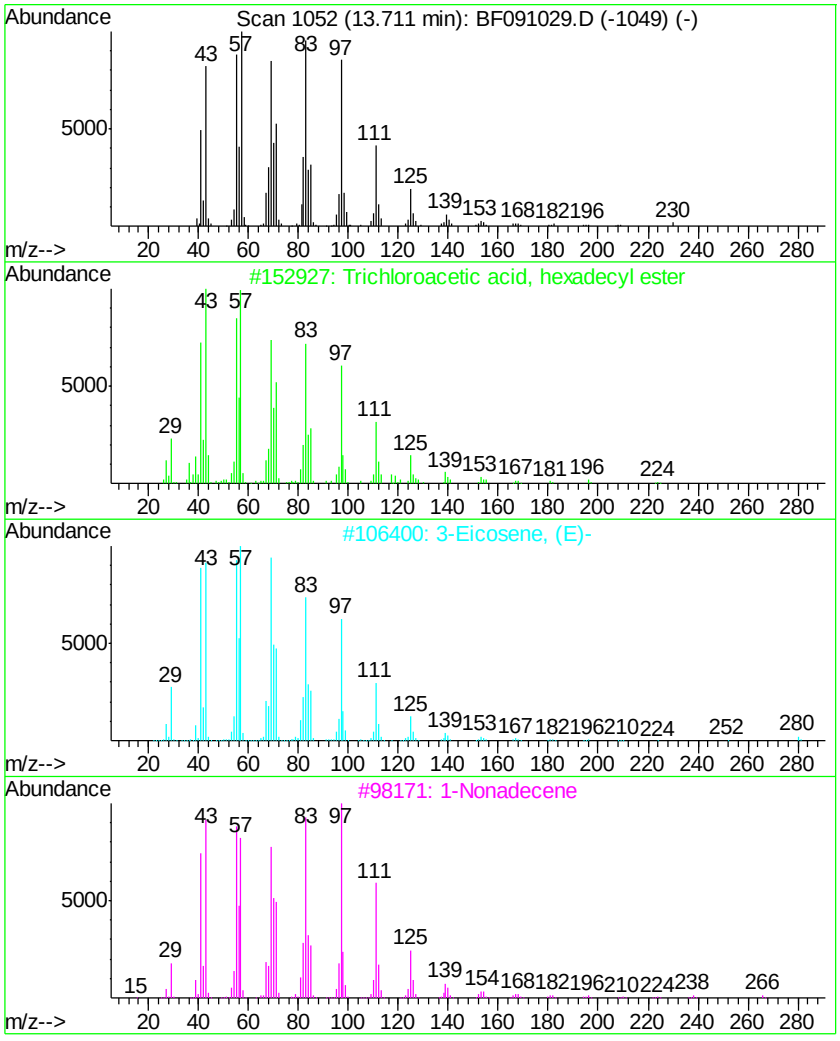
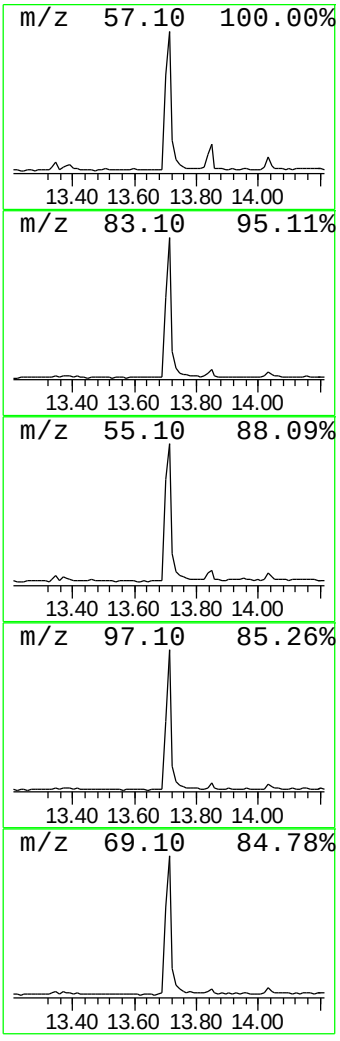
Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	9.36 ng	776696	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	Cyclohexadecane	224	C16H32	000295-65-8	87





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Instrument : BNA_F
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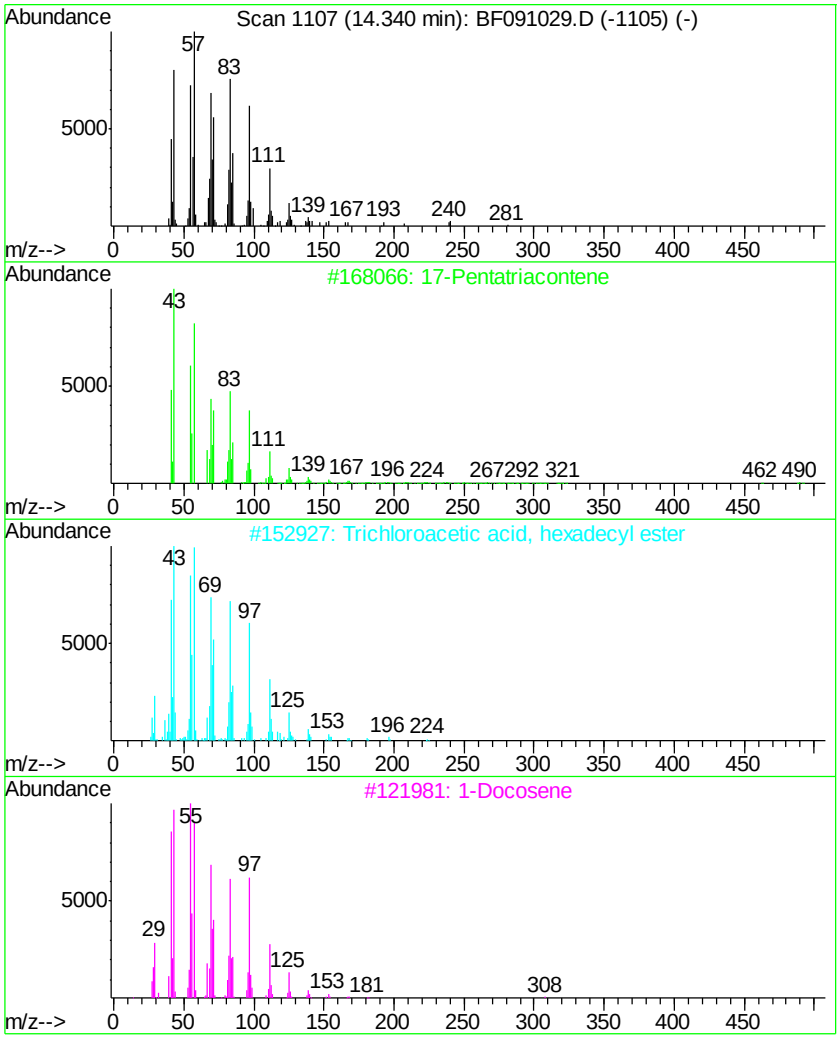
TIC Integration Parameters: LSCINT.P

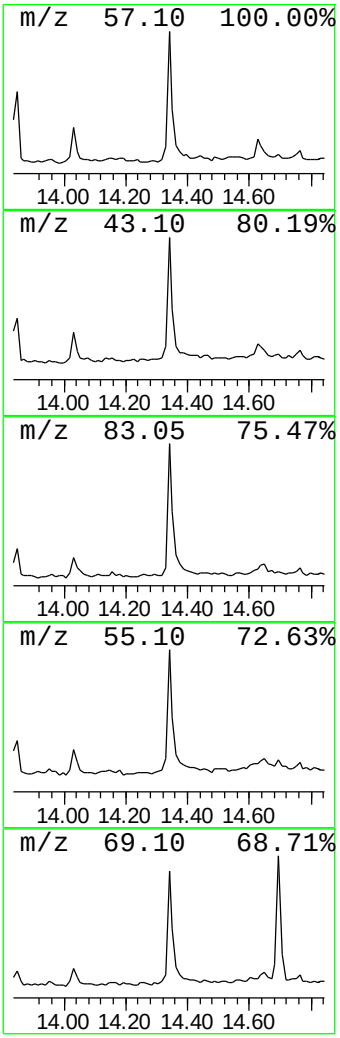
****

Peak Number 8 17-Pentatriacontene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.58 ng	214221	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	1-Docosene	308	C22H44	001599-67-3	90
4	1-Octadecanol	270	C18H38O	000112-92-5	87
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87





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...	4.85	20.5	ng	1180290	1	6.70	1149300	20.0
unknown6.46	6.46	87.5	ng	5028550	1	6.70	1149300	20.0
Tetradecane	10.66	2.6	ng	249361	4	11.22	1894510	20.0
n-Hexadecanoic acid	11.77	2.0	ng	190339	4	11.22	1894510	20.0
Trichloroacetic a...	13.71	9.4	ng	776696	5	13.85	1659090	20.0
17-Pentatriacontene	14.34	2.6	ng	214221	5	13.85	1659090	20.0