LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
Data File : BF083872.D
Acq On : 17 Dec 2015 7:16
Operator : UM/SJ
Sample : G4800-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-22

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-BF121315.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	5.070	259	261	271	rBB	180323	199958	6.35%	1.002%
2	5.493	296	298	301	rBV	862077	1021450	32.42%	5.120%
3	6.521	386	388	390	rBV	798302	703025	22.31%	3.524%
4	6.659	398	400	403	rBV	2028131	1884029	59.80%	9.443%
5	6.887	418	420	422	rBV	542995	489780	15.55%	2.455%
6	7.047	431	434	437	rBV	2022831	1911819	60.68%	9.583%
7	7.459	467	470	472	rBV	1444244	1733065	55.01%	8.687%
8	8.179	530	533	535	rBV	686100	663307	21.05%	3.325%
9	9.253	624	627	630	rBV	3035233	2928391	92.95%	14.678%
10	9.642	660	661	666	rVB	62494	57235	1.82%	0.287%
11	9.928	684	686	689	rBV	829563	764115	24.25%	3.830%
12	10.373	721	725	726	rBV	23658	36720	1.17%	0.184%
13	10.716	753	755	758	rBV	1716402	1821622	57.82%	9.130%
14	10.842	763	766	770	rVB	37827	43121	1.37%	0.216%
15	11.413	814	816	818	rBV	900948	778095	24.70%	3.900%
16	11.619	832	834	837	rBV	122595	131126	4.16%	0.657%
17	12.774	933	935	938	rBV	204902	218498	6.94%	1.095%
18	12.819	938	939	942	rVB	53827	59043	1.87%	0.296%
19	13.002	952	955	957	rBV	3003890	3150632	100.00%	15.792%
20	13.528	999	1001	1003	rBV	41976	35302	1.12%	0.177%
21	13.779	1020	1023	1031	rBV	111504	124540	3.95%	0.624%
22	13.894	1031	1033	1039	rVB	51645	70455	2.24%	0.353%
23	14.042	1044	1046	1049	rBV	514932	597759	18.97%	2.996%
24	14.659	1098	1100	1109	rBV	29211	46695	1.48%	0.234%
25	15.494	1170	1173	1180	rBV	343574	481200	15.27%	2.412%

Sum of corrected areas: 19950982

LSC Report - Integrated Chromatogram

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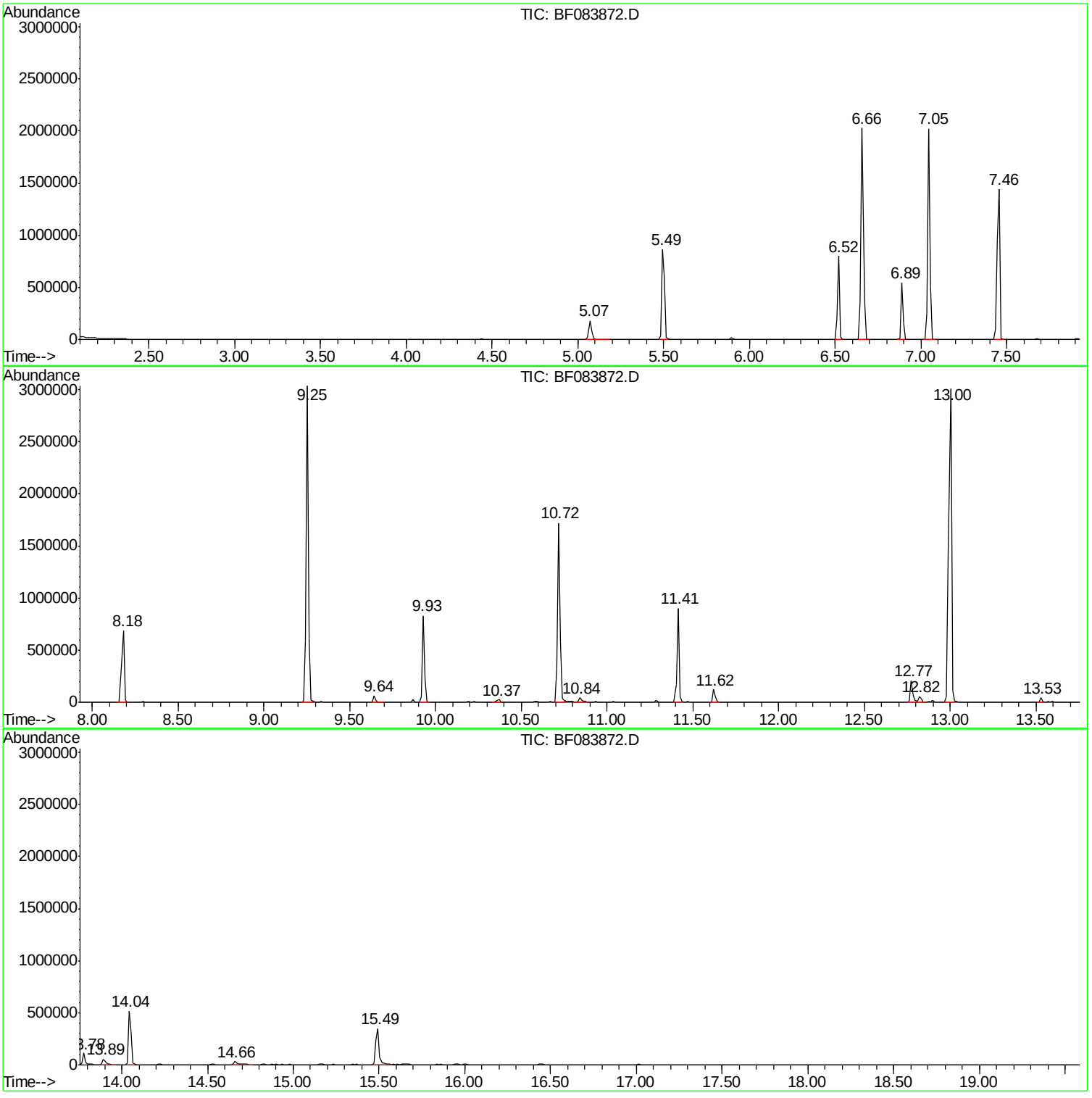
Instrument : BNA_F
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
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TIC Library : C:\DATABASE\NIST02.L
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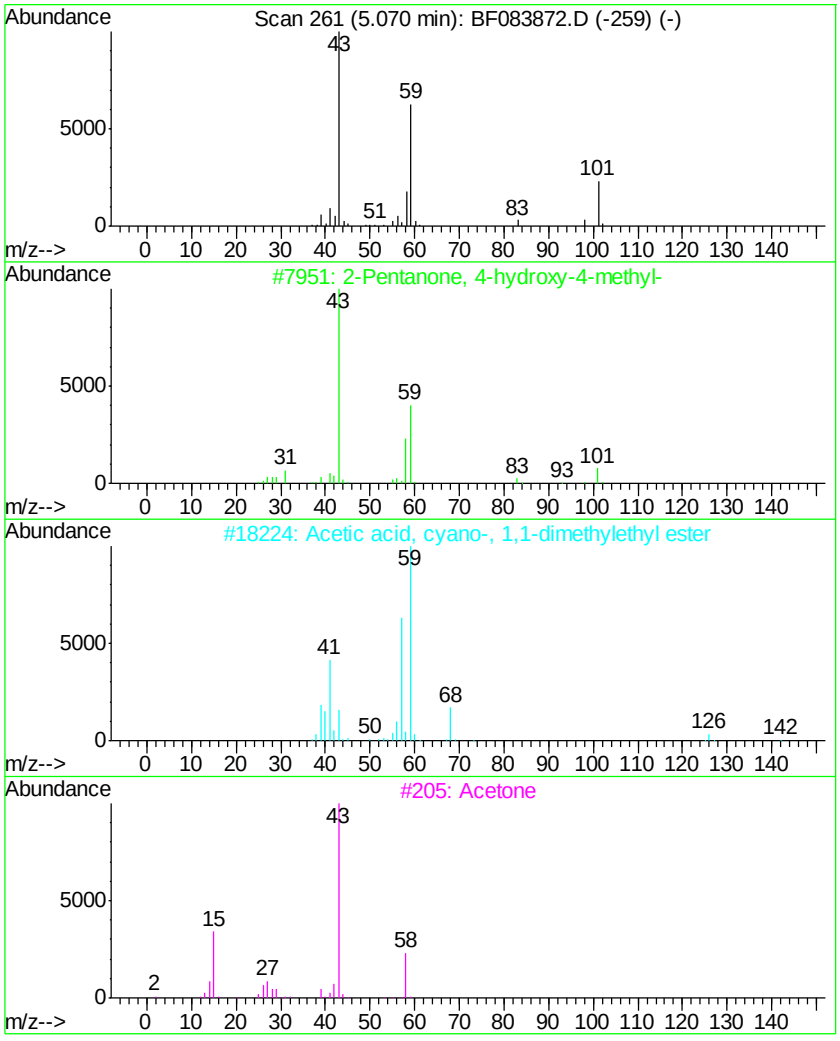
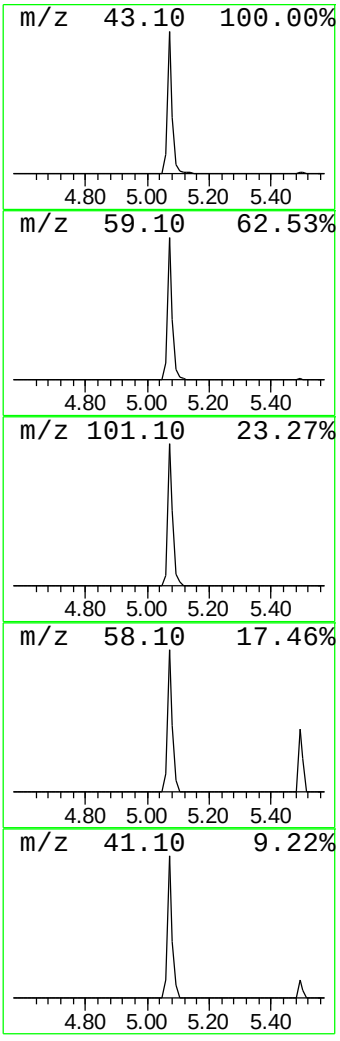
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	8.17 ng	199958	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : G4800-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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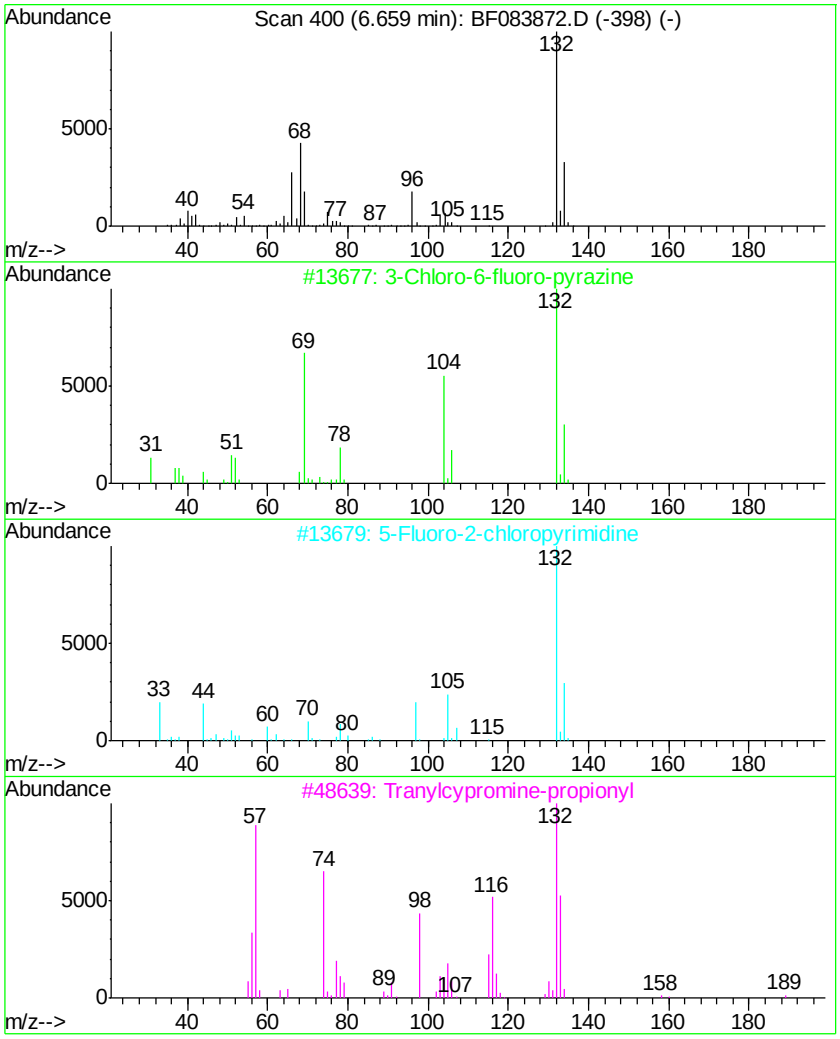
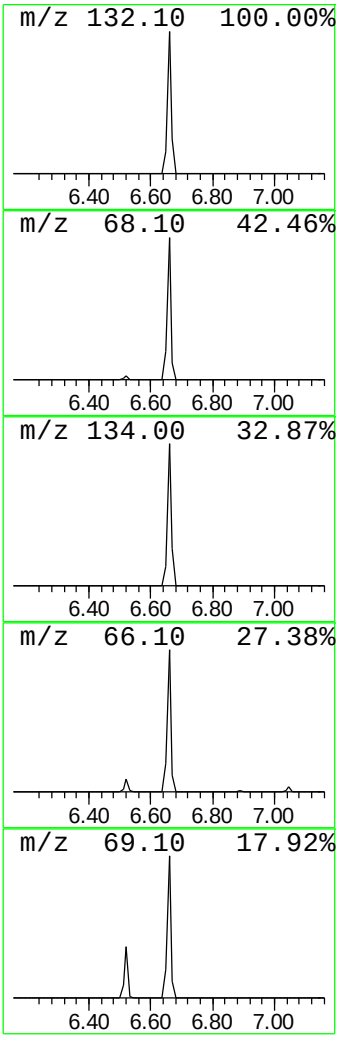
Peak Number 2 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	76.93 ng	1884030	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Operator : UM/SJ
Sample : G4800-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
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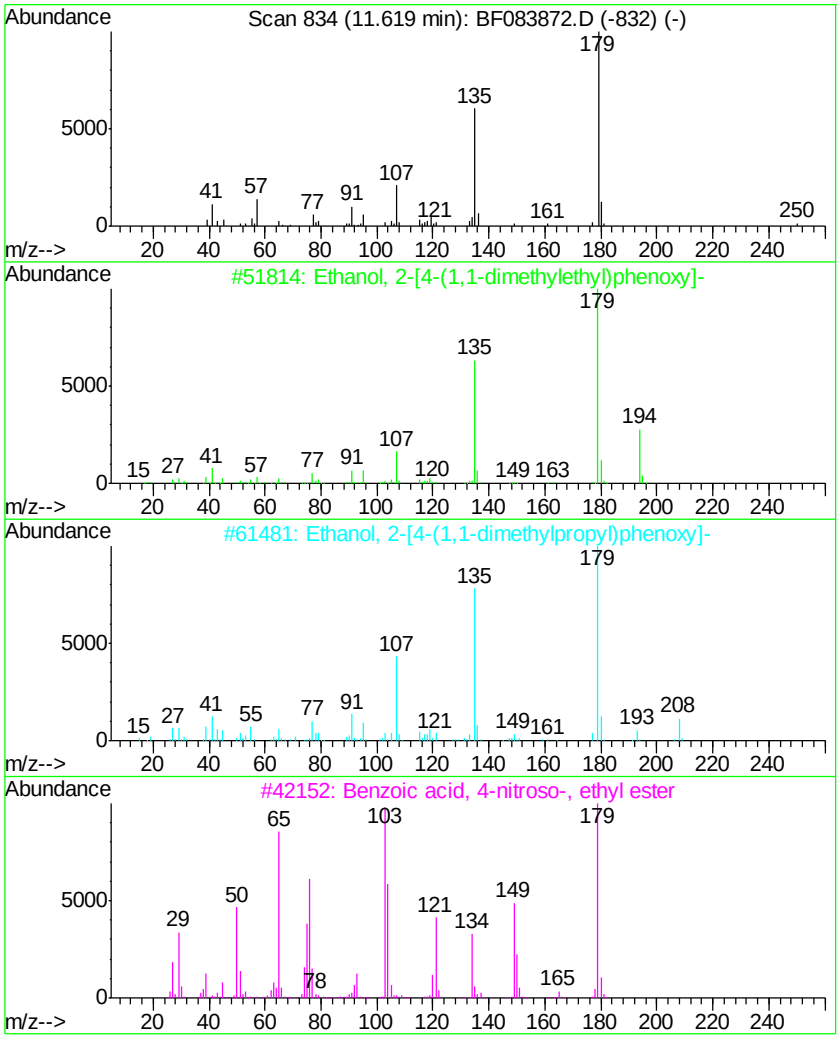
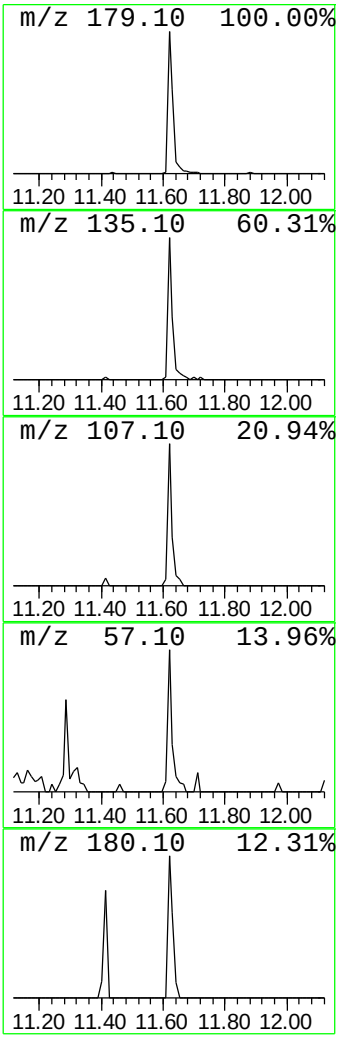
Peak Number 4 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	3.37 ng	131126	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	90
2	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	78
3	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	38
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	35
5	4-Methoxy-3-methylphenylacetic acid	180	C10H12O3	004513-73-9	30





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Sample : G4800-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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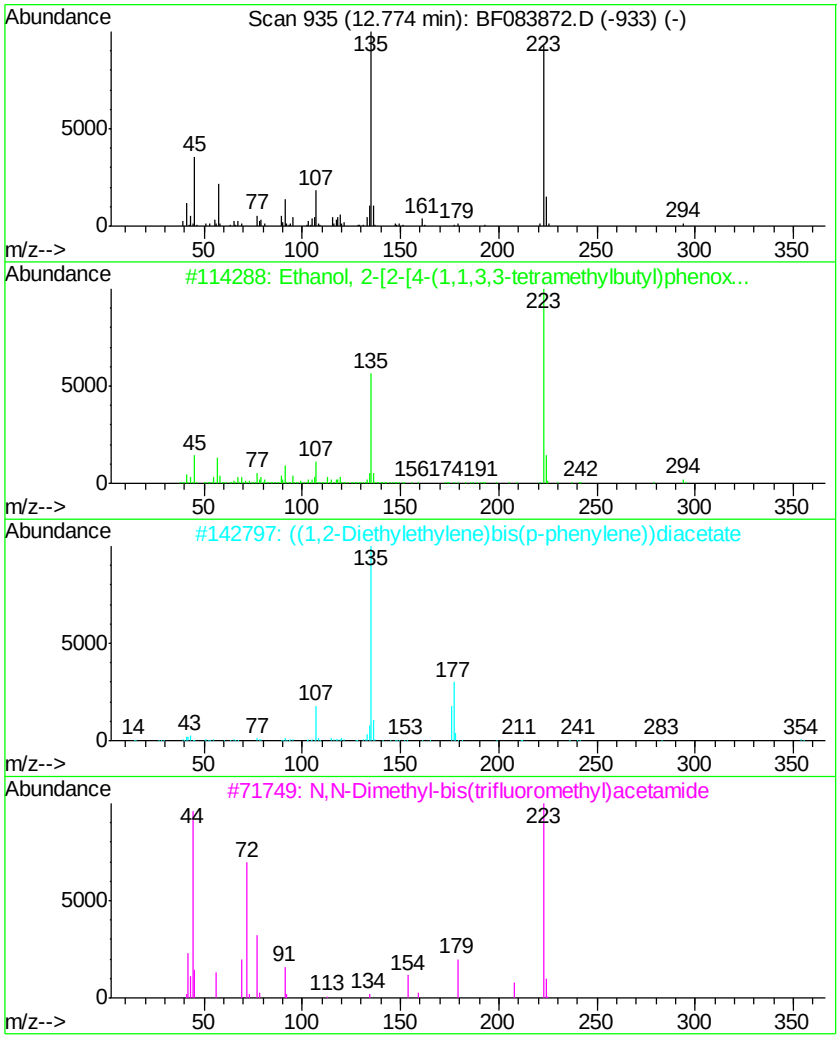
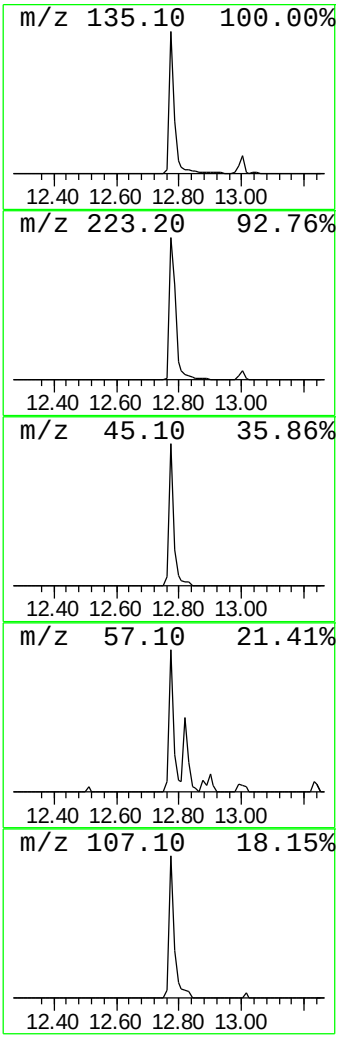
Peak Number 5 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	7.31 ng	218498	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	46
2	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	38
3	N,N-Dimethyl-bis(trifluoromethyl...	223	C6H7F6NO	013264-27-2	35
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	35
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	35





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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
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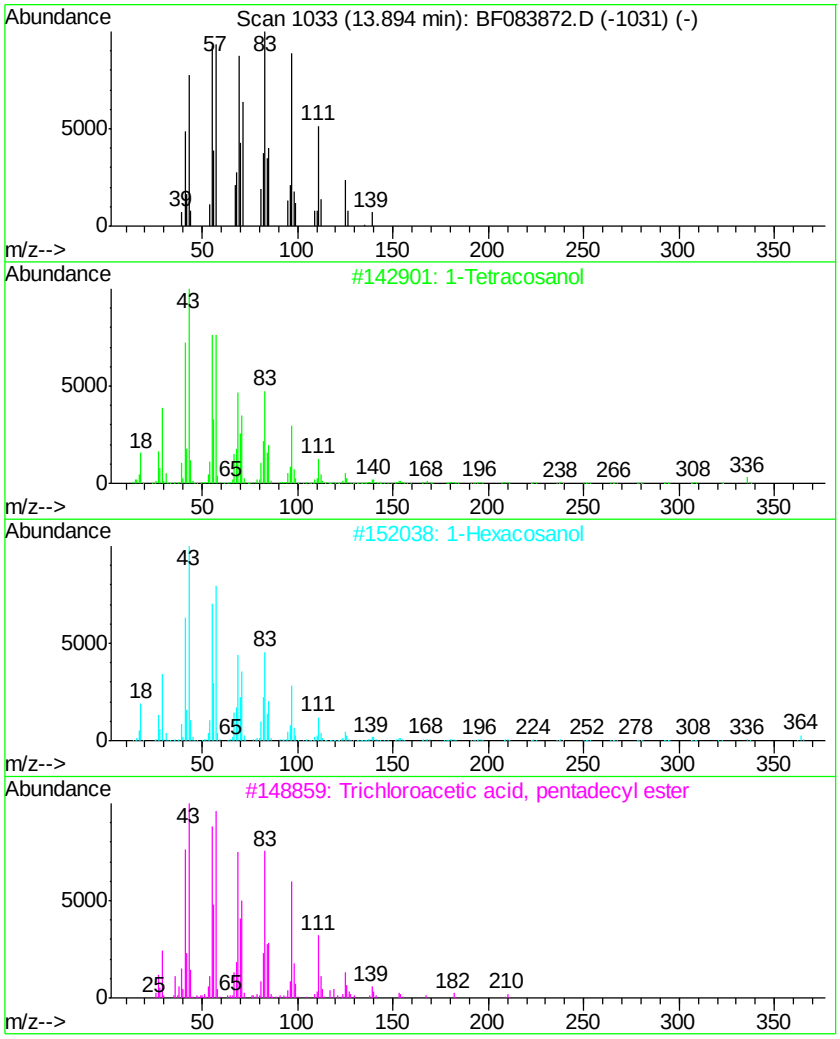
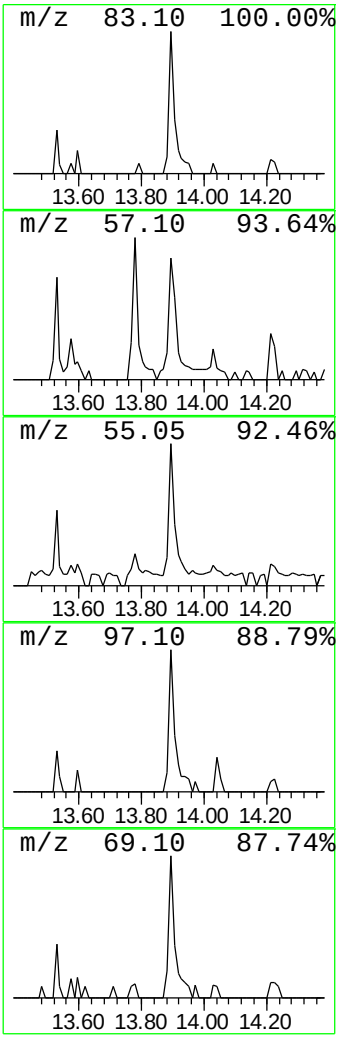
Peak Number 7 1-Tetracosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.36 ng	70455	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosanol	354	C24H50O	000506-51-4	90
2	1-Hexacosanol	382	C26H54O	000506-52-5	87
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	86
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
5	1-Docosene	308	C22H44	001599-67-3	81





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...	5.07	8.2	ng	199958	1	6.89	489780	20.0
unknown6.66	6.66	76.9	ng	1884030	1	6.89	489780	20.0
Ethanol, 2-[4-(1,...	11.62	3.4	ng	131126	4	11.41	778095	20.0
Ethanol, 2-[2-[4-...	12.77	7.3	ng	218498	5	14.04	597759	20.0
1-Tetracosanol	13.89	2.4	ng	70455	5	14.04	597759	20.0