LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084297.D
Acq On : 6 Jan 2016 18:48
Operator : SJ/UM
Sample : H1017-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

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-BF123115.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	3.801	147	150	153	rVB	66415	94200	1.11%	0.138%
2	5.036	256	258	264	rVB	291343	387144	4.55%	0.569%
3	5.470	293	296	298	rBV	3588924	3151025	37.04%	4.629%
4	6.499	384	386	389	rBV	1882246	1848717	21.73%	2.716%
5	6.636	395	398	400	rBV	5961797	5253537	61.76%	7.718%
6	6.864	416	418	420	rBV	1954765	1609257	18.92%	2.364%
7	7.024	429	432	434	rVB	5819830	5139522	60.42%	7.550%
8	7.436	465	468	470	rBV	4541580	4768353	56.05%	7.005%
9	8.156	528	531	533	rBV	2116813	2110392	24.81%	3.100%
10	8.876	591	594	599	rBV	93734	178082	2.09%	0.262%
11	9.127	614	616	620	rVB4	76179	114411	1.34%	0.168%
12	9.230	622	625	627	rBV	7563261	6815827	80.12%	10.013%
13	9.619	658	659	661	rVB	142531	170923	2.01%	0.251%
14	9.847	674	679	682	rBV7	39305	122640	1.44%	0.180%
15	9.905	682	684	687	rVB	2509325	2236988	26.30%	3.286%
16	10.339	720	722	728	rVB2	115873	127320	1.50%	0.187%
17	10.590	739	744	745	rVB	4960787	8374877	98.45%	12.303%
18	10.693	751	753	756	rBV2	3677021	4907138	57.68%	7.209%
19	10.796	756	762	764	rVV	4539430	8506969	100.00%	12.497%
20	10.888	768	770	771	rBV	98874	96189	1.13%	0.141%
21	11.265	801	803	804	rBV	105639	95349	1.12%	0.140%
22	11.390	812	814	816	rVB	2608844	2169409	25.50%	3.187%
23	11.585	829	831	839	rBV2	110049	210774	2.48%	0.310%
24	12.762	932	934	937	rBV	78315	89523	1.05%	0.132%
25	12.865	941	943	946	rBV	280135	377374	4.44%	0.554%
26	12.979	950	953	955	rBV	5980823	5595766	65.78%	8.221%
27	13.551	1001	1003	1005	rBV2	75290	97509	1.15%	0.143%
28	13.882	1030	1032	1037	rBV	189229	250800	2.95%	0.368%
29	14.031	1042	1045	1047	rBV	1423327	1846683	21.71%	2.713%
30	15.459	1167	1170	1172	rBV	1048204	1322878	15.55%	1.943%

Sum of corrected areas: 68069576

LSC Report - Integrated Chromatogram

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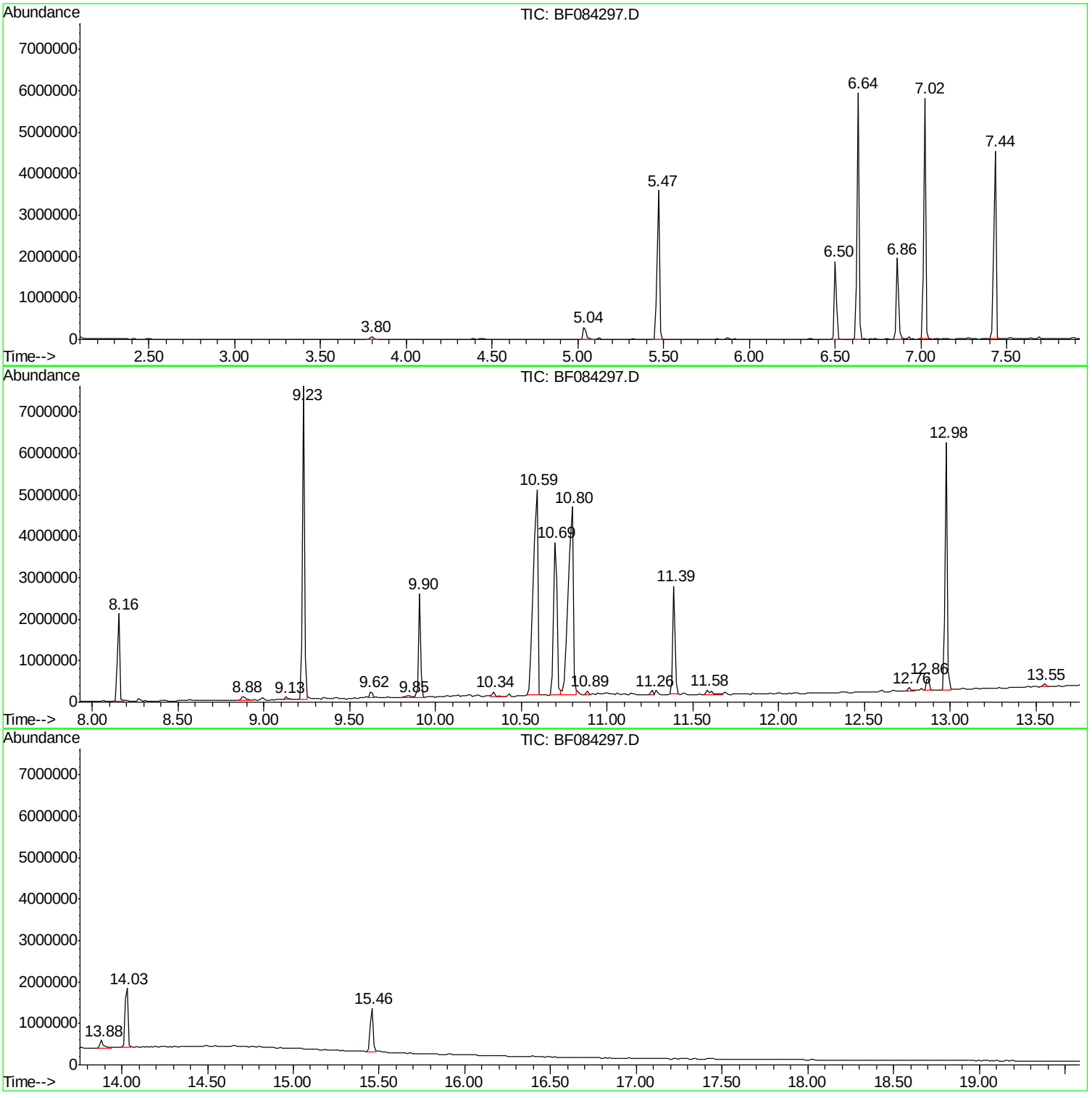
Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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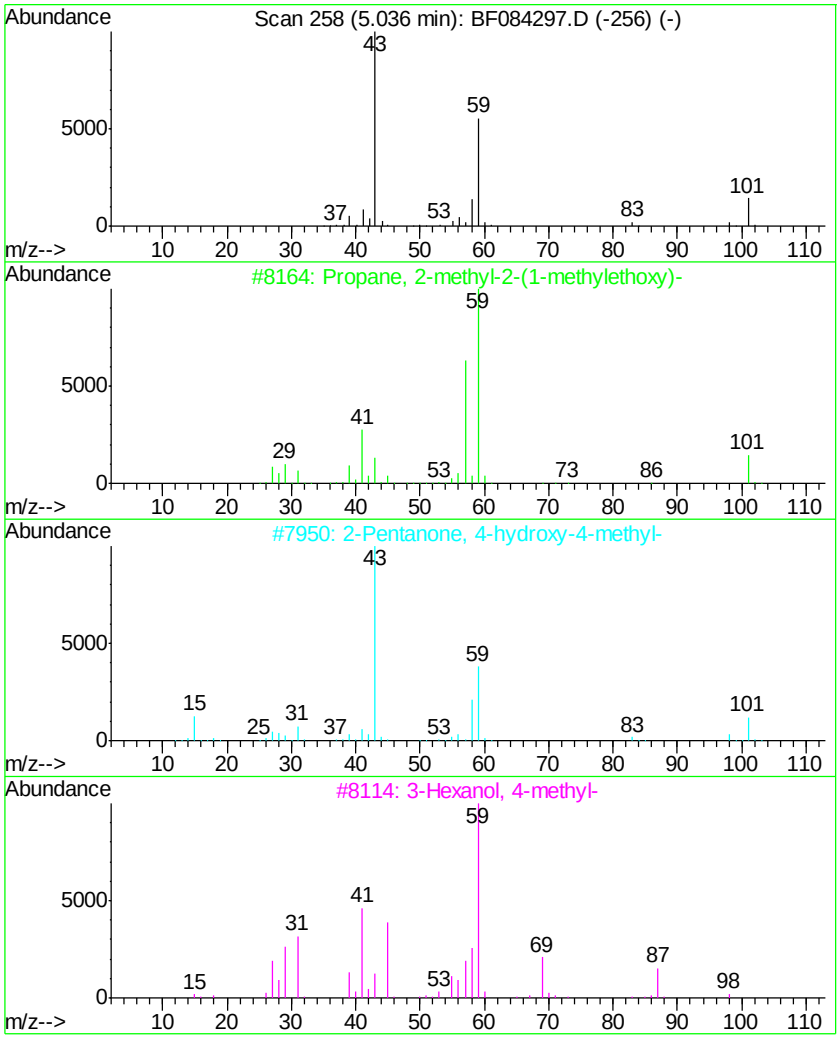
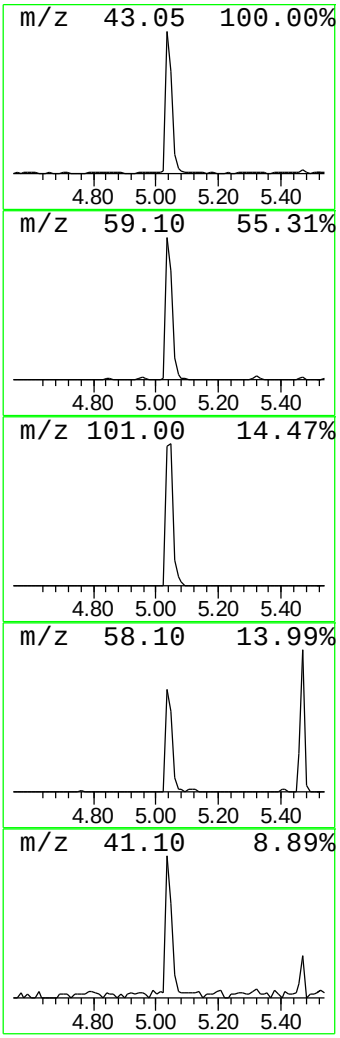
Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	4.81 ng	387144	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Sample : H1017-01
Misc :
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Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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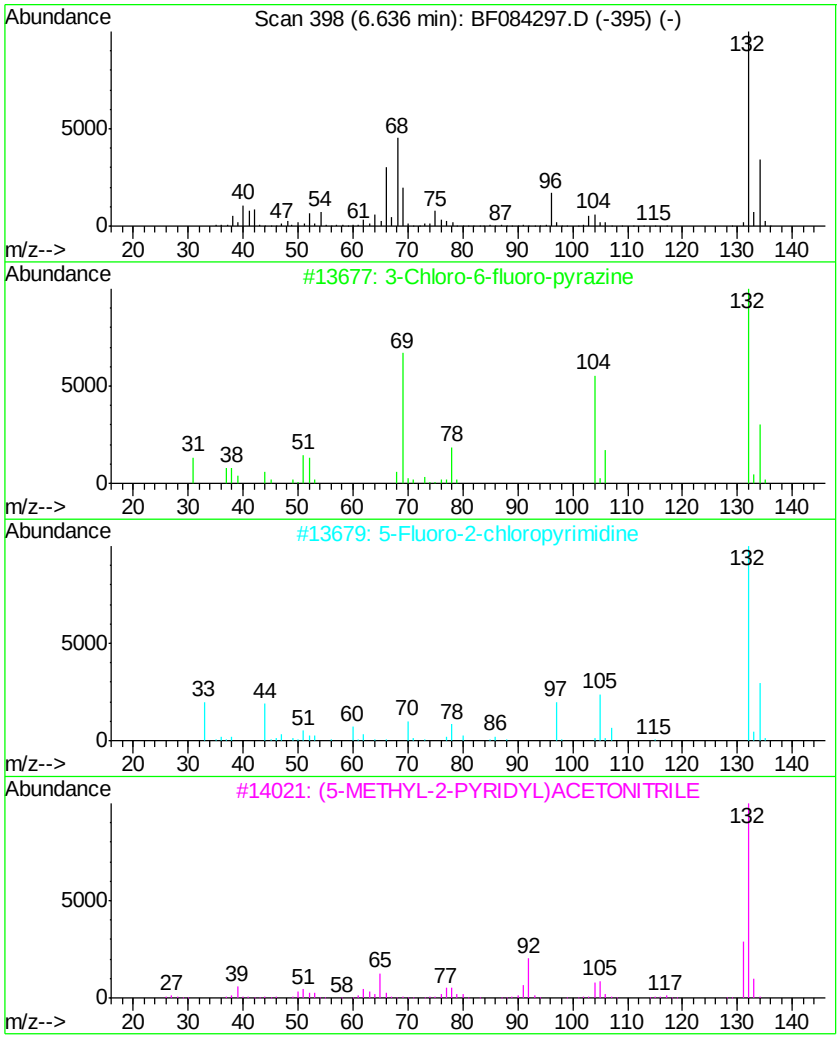
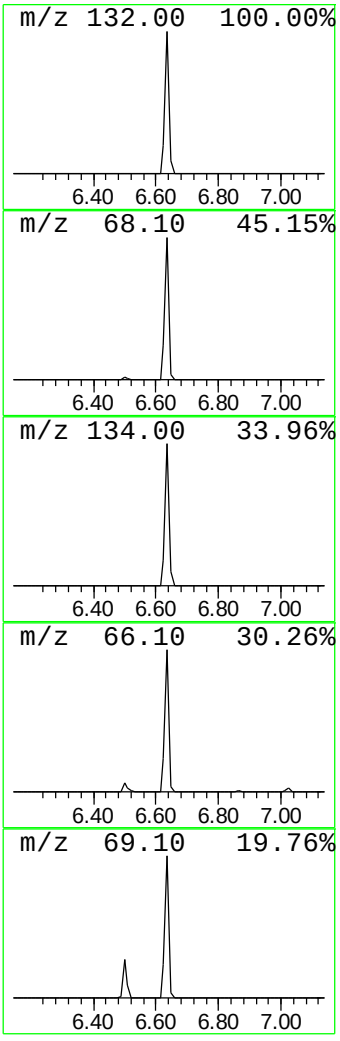
Peak Number 2 unknown6.64 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	65.29 ng	5253540	1,4-Dichlorobenzene-d4	6.86

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	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : H1017-01
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Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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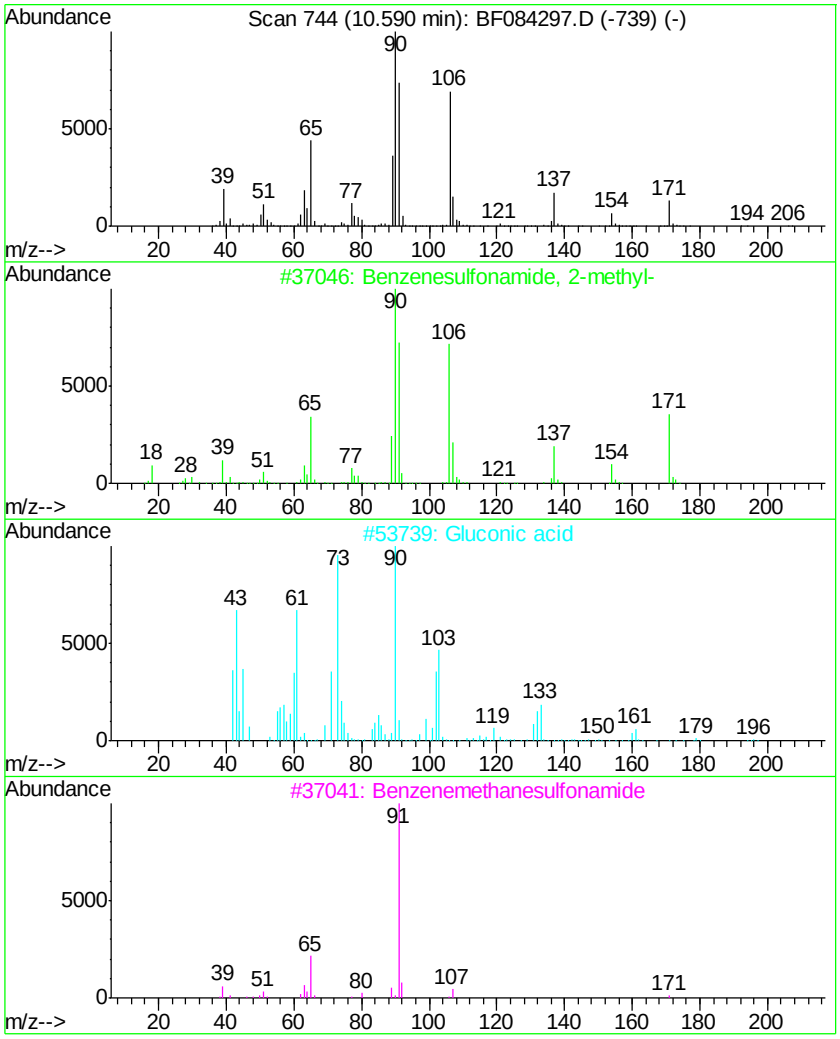
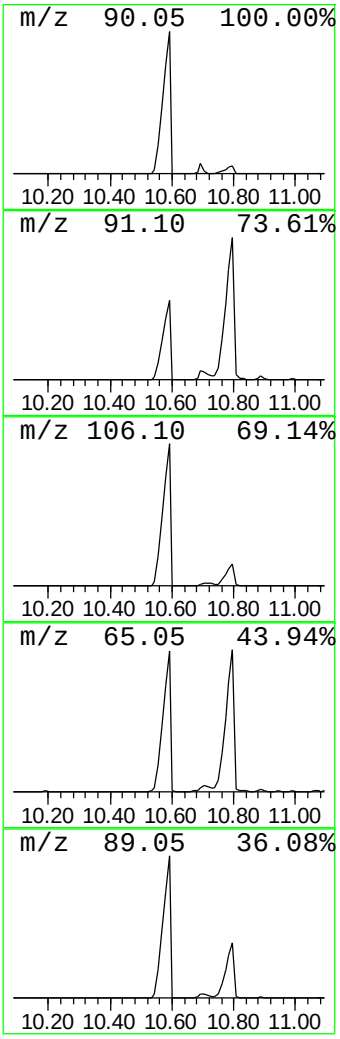
Peak Number 4 Benzenesulfonamide, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	74.88 ng	8374880	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	96
2	Gluconic acid	196	C6H12O7	000526-95-4	38
3	Benzenemethanesulfonamide	171	C7H9NO2S	004563-33-1	38
4	1,3,5-Norcaratriene	90	C7H6	004646-69-9	37
5	3,5-Octadiyne	106	C8H10	016387-70-5	27





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Sample : H1017-01
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Instrument : BNA_F
ClientSampleId : W-12

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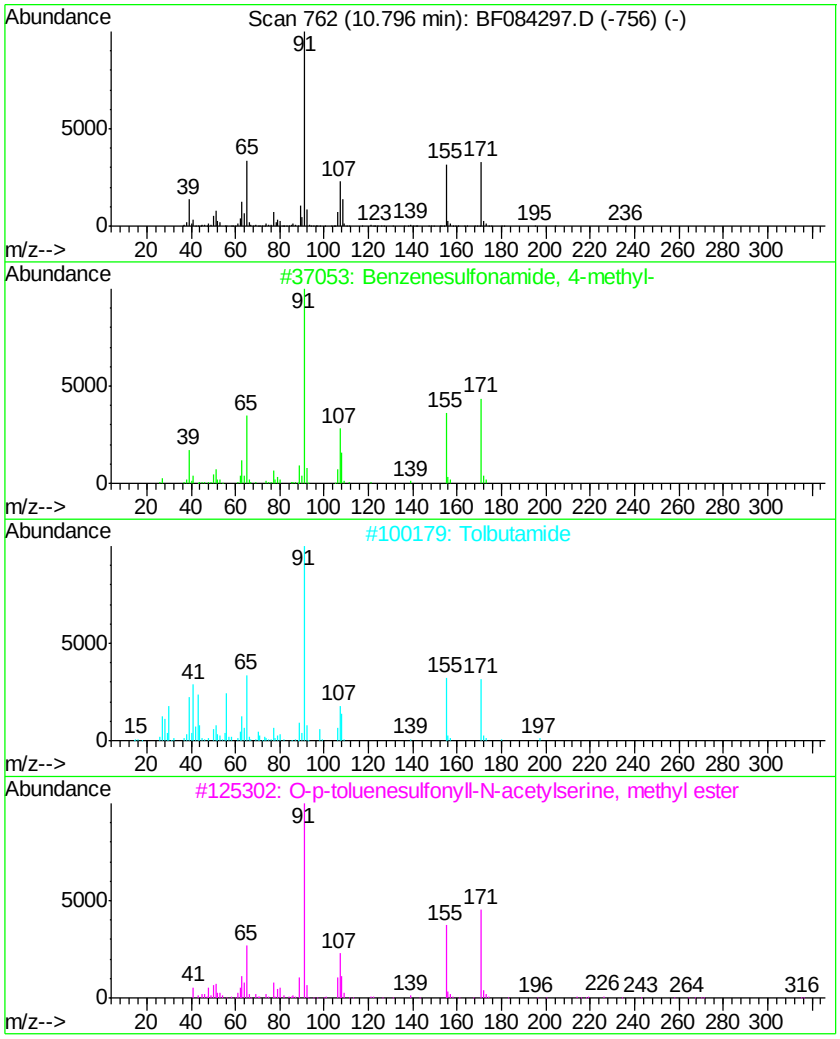
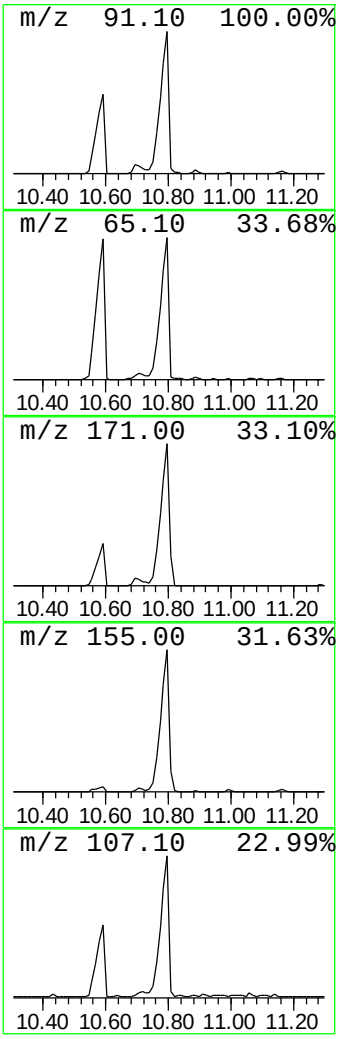
Peak Number 5 Benzenesulfonamide, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	78.43 ng	8506970	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	98
2	Tolbutamide	270	C12H18N2O3S	000064-77-7	91
3	O-p-toluenesulfonyll-N-acetylser...	315	C13H17NO6S	1000126-44-8	91
4	Thiosulfuric acid, S-[2-[3-(4-me...	381	C12H19N3O5S3	1000255-60-3	80
5	N-p-toluenesulfonyl-l-threonine,...	363	C18H21NO5S	1000130-34-4	72





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Misc :
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Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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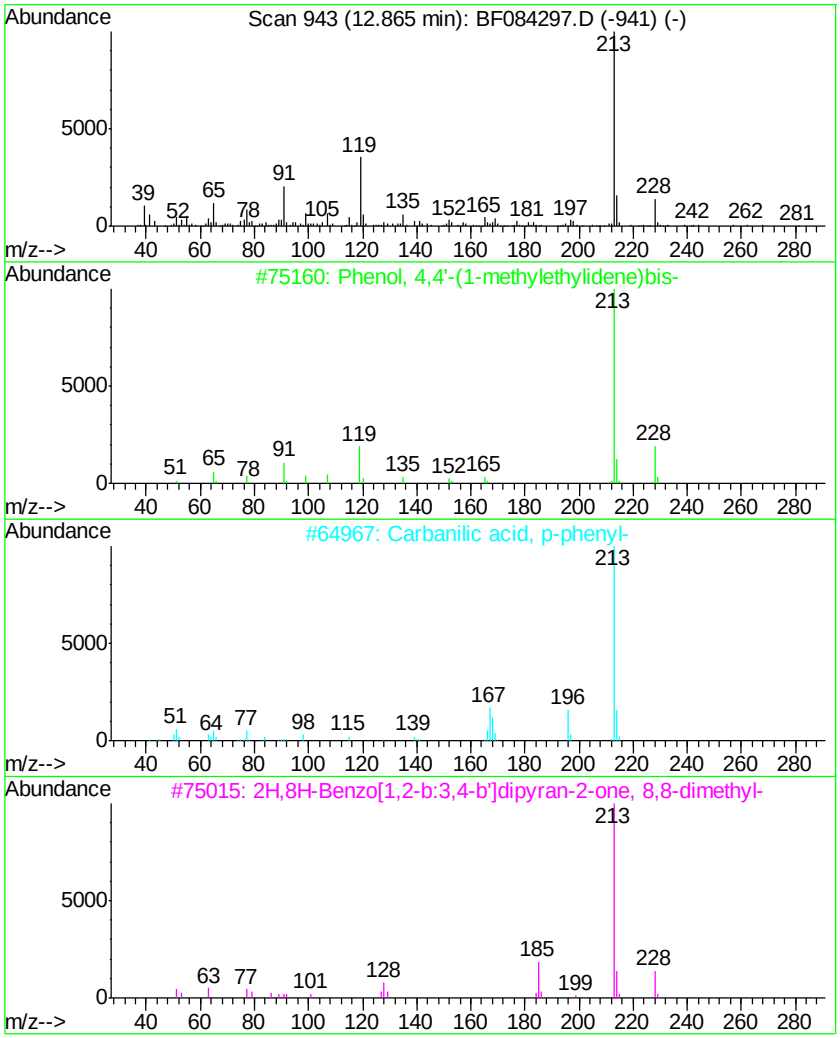
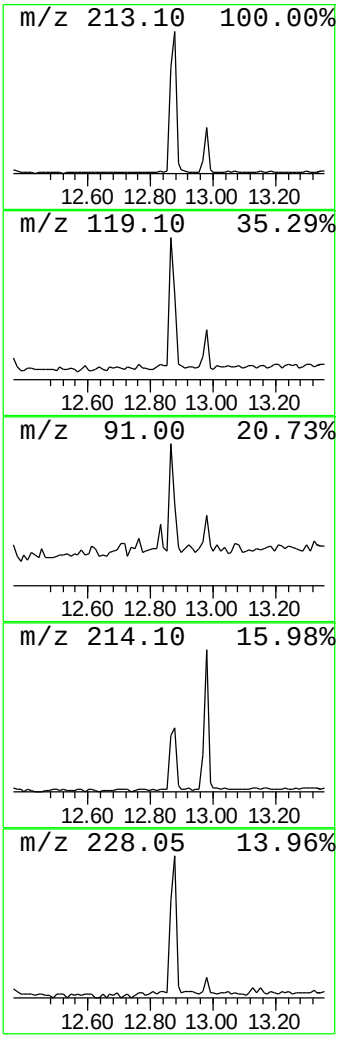
Peak Number 6 Phenol, 4,4'-(1-methylethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	4.09 ng	377374	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	64
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	58
4	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	50
5	5-n-Butyl-2,4-diamino-6-[p-tolyl...	256	C15H20N4	274679-66-2	42





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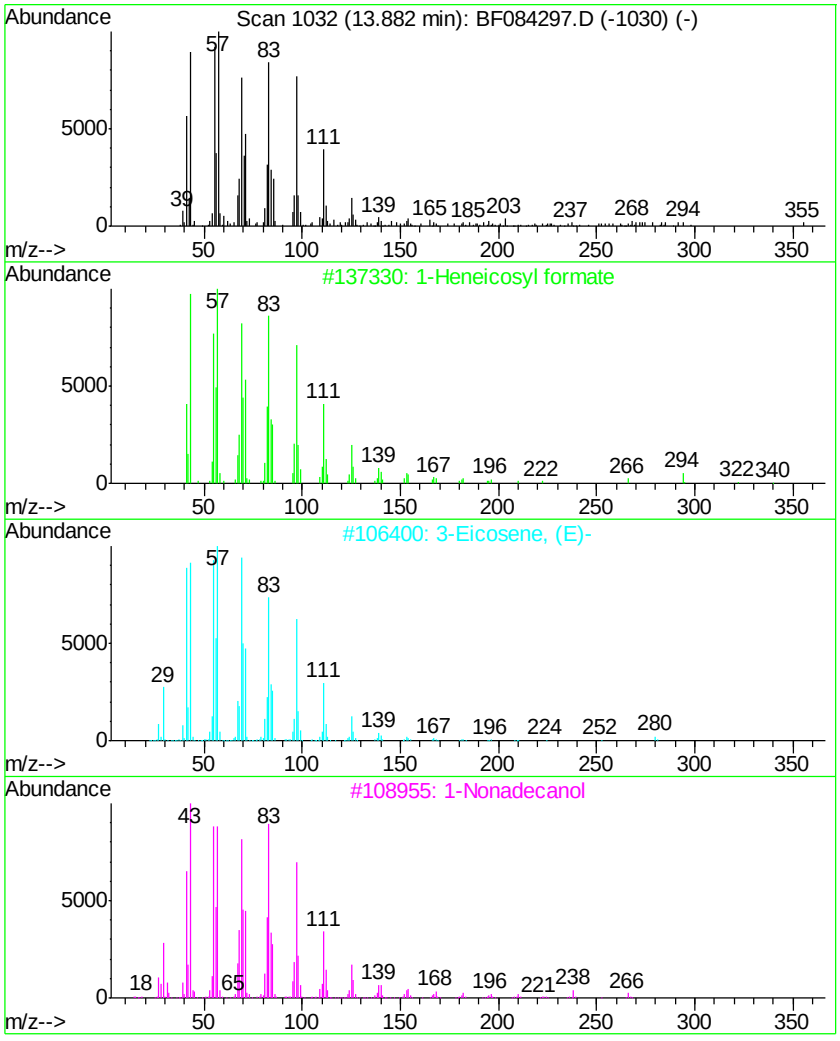
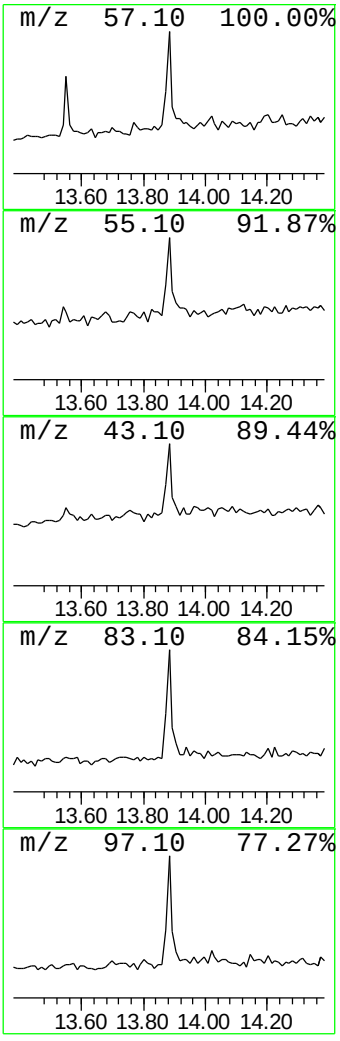
Peak Number 7 1-Heneicosyl formate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.72 ng	250800	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Nonadecanol	284	C19H40O	001454-84-8	81
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	81
5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	81





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
Propane, 2-methyl...	5.04	4.8	ng	387144	1	6.86	1609260	20.0
unknown6.64	6.64	65.3	ng	5253540	1	6.86	1609260	20.0
Benzenesulfonamid...	10.59	74.9	ng	8374880	3	9.90	2236990	20.0
Benzenesulfonamid...	10.80	78.4	ng	8506970	4	11.39	2169410	20.0
Phenol, 4,4'-(1-m...	12.86	4.1	ng	377374	5	14.03	1846680	20.0
1-Heneicosyl formate	13.88	2.7	ng	250800	5	14.03	1846680	20.0