LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084352.D
Acq On : 10 Jan 2016 9:16
Operator : SJ/UM
Sample : H1043-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1S(0-10)

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	5.047	256	259	267	rVB	1444308	2153859	25.97%	2.867%
2	5.482	294	297	299	rBV	5985935	7960892	95.98%	10.595%
3	6.510	383	387	389	rBV	6916468	8293936	100.00%	11.038%
4	6.624	395	397	400	rBV	5362279	7779313	93.80%	10.354%
5	6.853	415	417	419	rBV	2220322	1795992	21.65%	2.390%
6	7.013	428	431	433	rBV	6567092	5885331	70.96%	7.833%
7	7.425	464	467	469	rBV	4979780	5436707	65.55%	7.236%
8	8.145	527	530	532	rBV	2233477	2420480	29.18%	3.221%
9	9.219	621	624	627	rBV	7569414	7304152	88.07%	9.721%
10	9.619	656	659	661	rBV	1284942	1484329	17.90%	1.975%
11	9.825	675	677	681	rBV2	128950	187665	2.26%	0.250%
12	9.893	681	683	686	rVB	2872076	2660346	32.08%	3.541%
13	10.328	718	721	723	rBV2	359773	394129	4.75%	0.525%
14	10.545	737	740	744	rBV	101056	195552	2.36%	0.260%
15	10.682	749	752	755	rVV2	4104839	5241579	63.20%	6.976%
16	10.796	759	762	770	rVB2	384403	689884	8.32%	0.918%
17	10.991	778	779	784	rVB2	41027	100825	1.22%	0.134%
18	11.254	800	802	803	rBV	201138	187144	2.26%	0.249%
19	11.379	811	813	815	rBV	3194405	2672792	32.23%	3.557%
20	11.436	815	818	822	rVB	40919	90995	1.10%	0.121%
21	12.797	934	937	938	rBV	154531	187953	2.27%	0.250%
22	12.865	938	943	949	rVB	104618	129653	1.56%	0.173%
23	12.968	949	952	955	rBV	6723063	6789456	81.86%	9.036%
24	13.437	992	993	996	rVB	76236	85350	1.03%	0.114%
25	13.494	996	998	1000	rBV	132530	136306	1.64%	0.181%
26	13.871	1028	1031	1038	rBV	379978	689544	8.31%	0.918%
27	14.008	1041	1043	1046	rBV	1602587	2168593	26.15%	2.886%
28	15.437	1165	1168	1171	rBV	1069689	1487414	17.93%	1.980%
29	16.100	1219	1226	1238	rVB2	107816	526708	6.35%	0.701%

Sum of corrected areas: 75136879

LSC Report - Integrated Chromatogram

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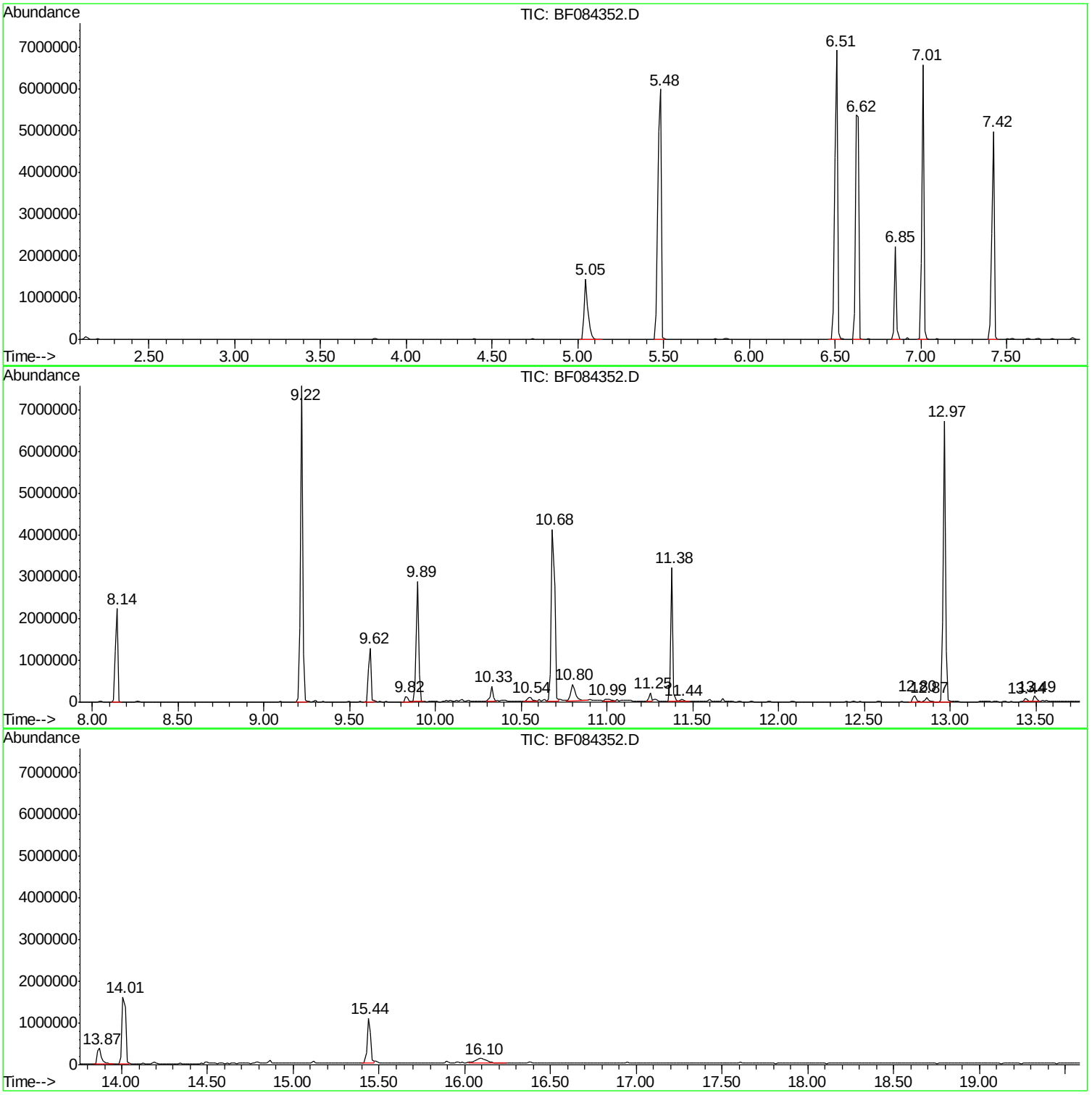
Instrument : BNA_F
ClientSampleId : SB-1S(0-10)

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 Integration Parameters: LSCINT.P

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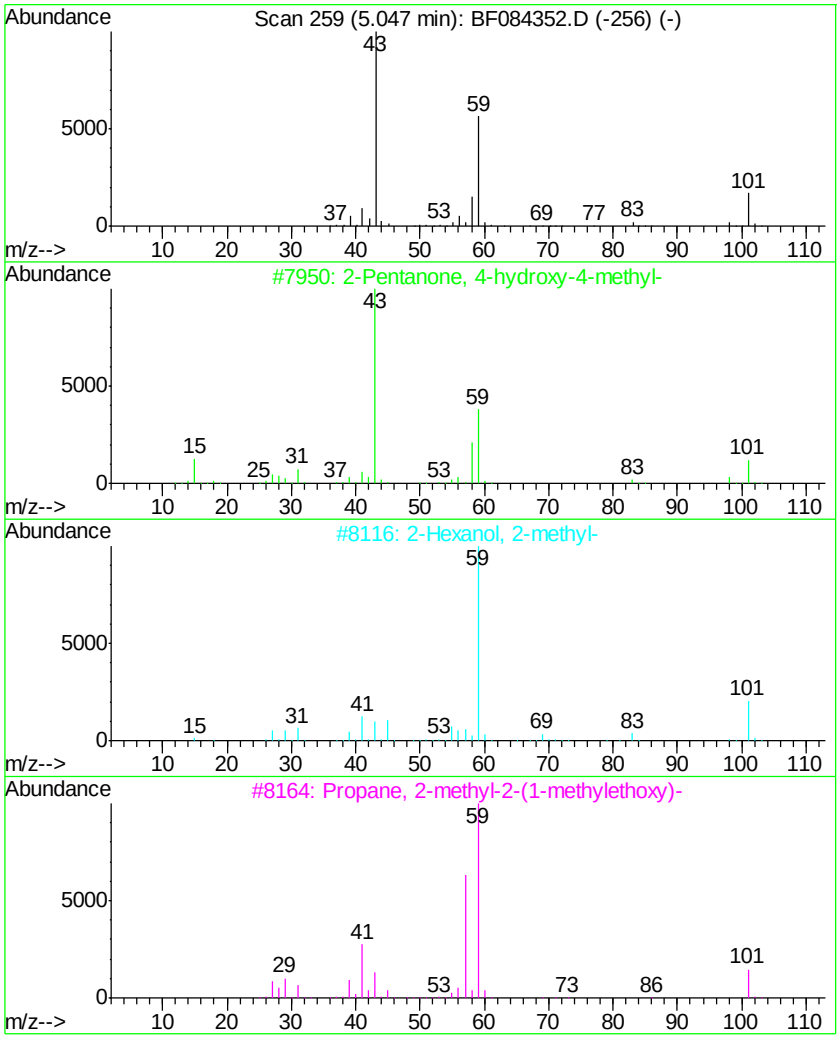
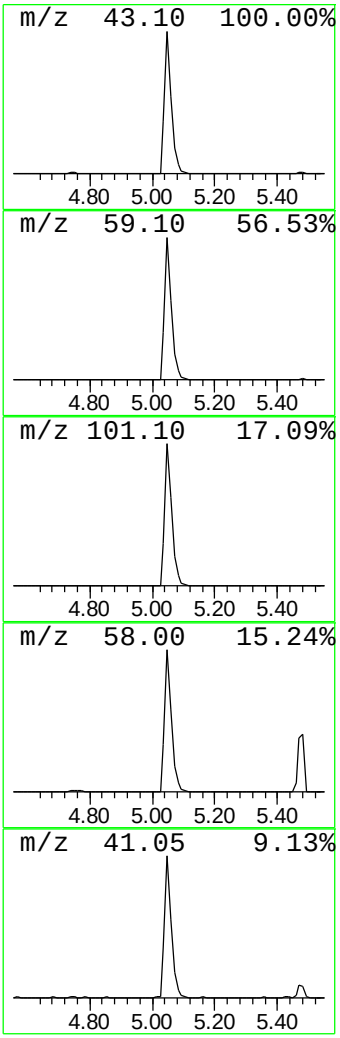
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	23.99 ng	2153860	1,4-Dichlorobenzene-d4	6.85

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





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Instrument : BNA_F
ClientSampleId : SB-1S(0-10)

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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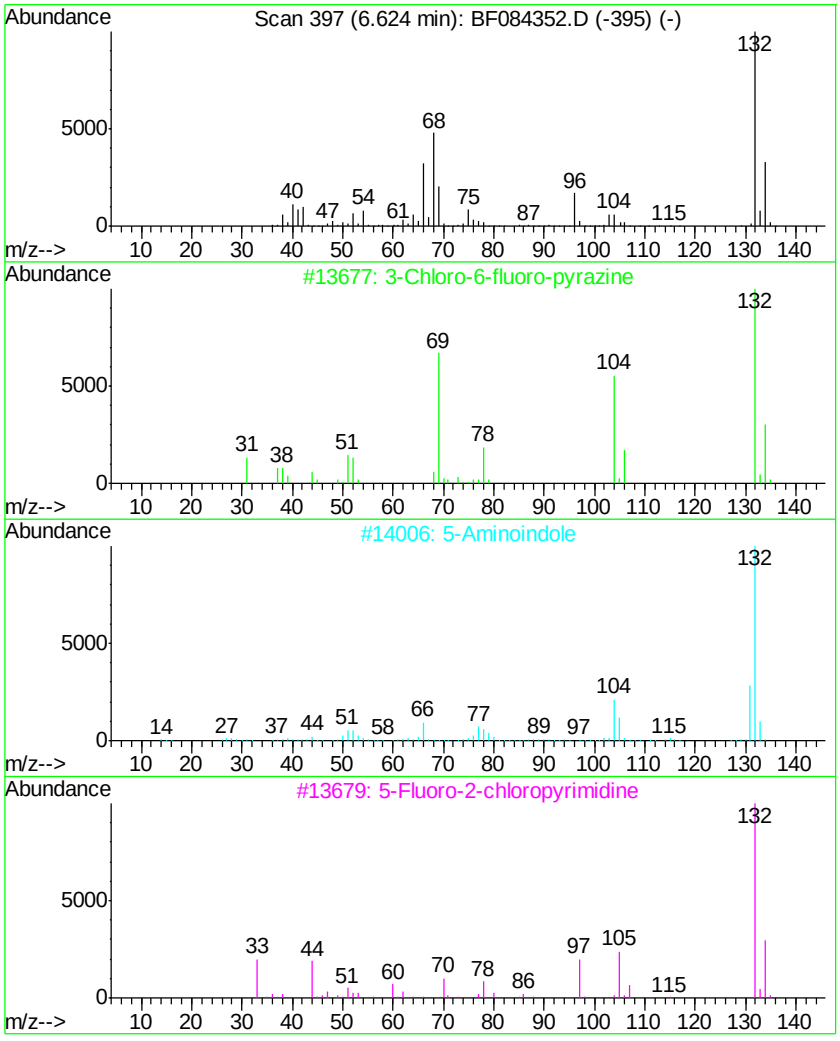
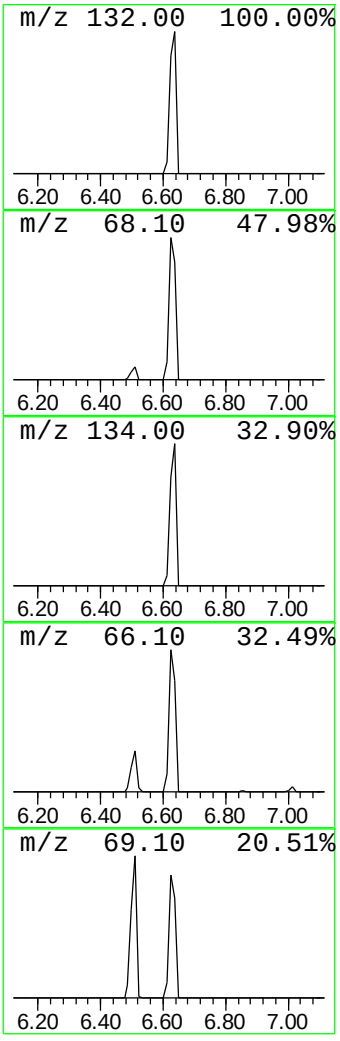
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	86.63 ng	7779310	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
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Sample : H1043-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1S(0-10)

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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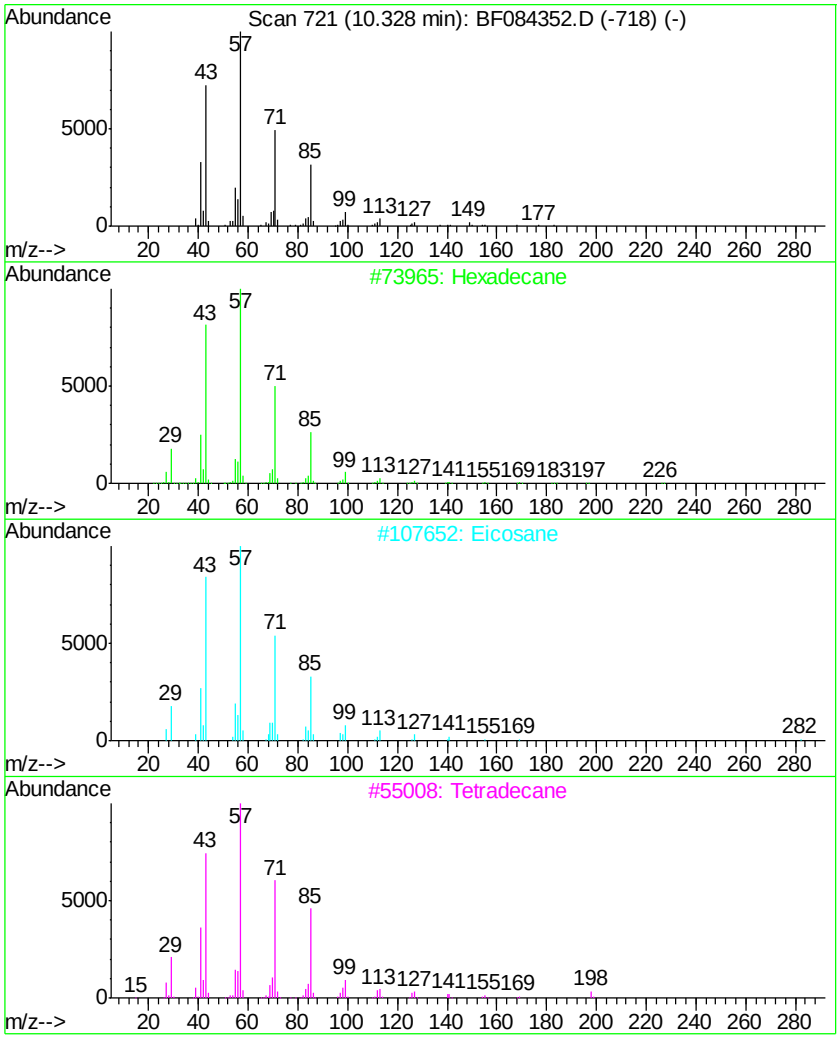
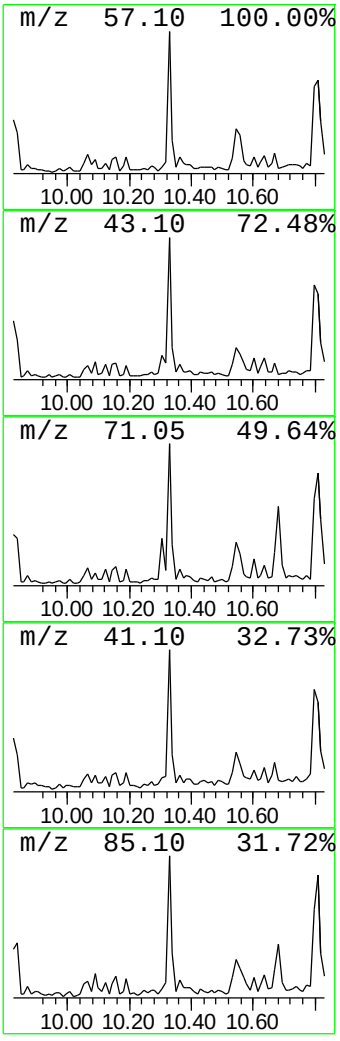
Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.96 ng	394129	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Heneicosane	296	C21H44	000629-94-7	83





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Acq On : 10 Jan 2016 9:16
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Misc :
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Instrument : BNA_F
ClientSampleId : SB-1S(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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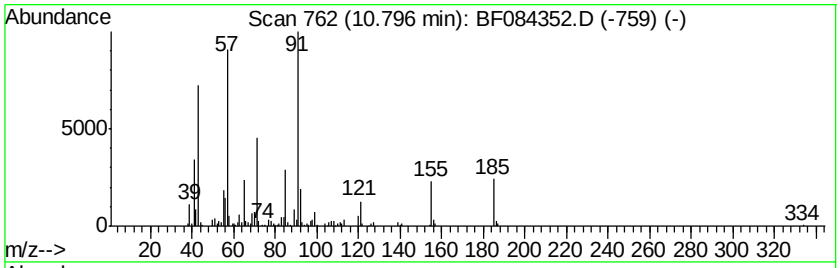
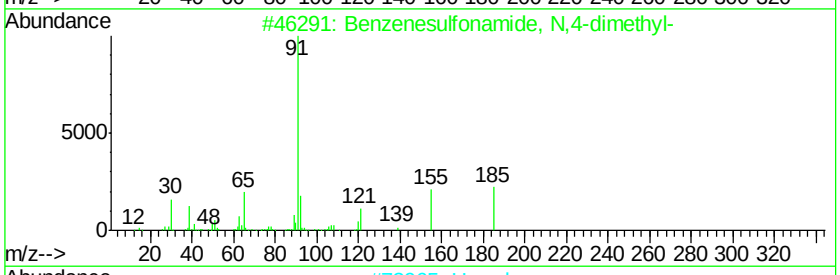
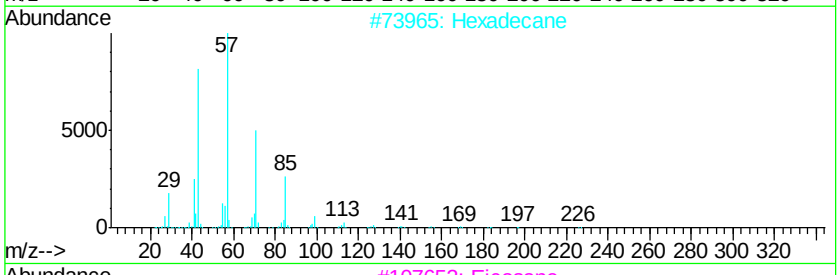
Peak Number 5 Benzenesulfonamide, N,4-dim... Concentration Rank 6

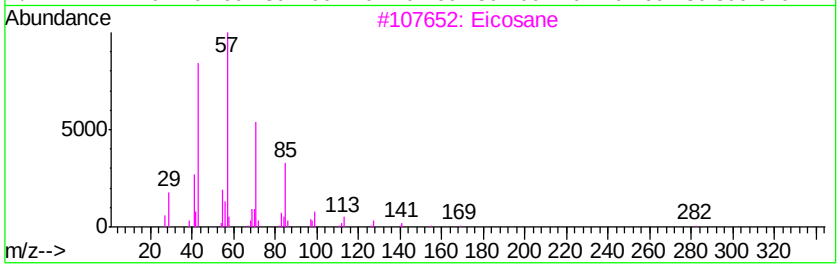
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	5.16 ng	689884	Phenanthrene-d10	11.38

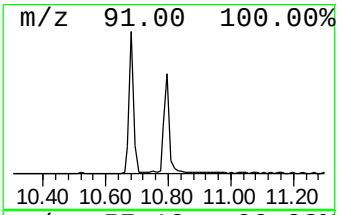
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	55
2	Hexadecane	226	C16H34	000544-76-3	38
3	Eicosane	282	C20H42	000112-95-8	30
4	Heneicosane	296	C21H44	000629-94-7	27
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	27

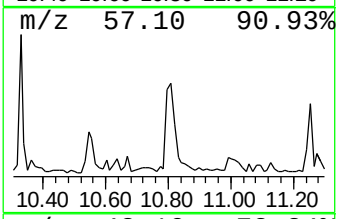


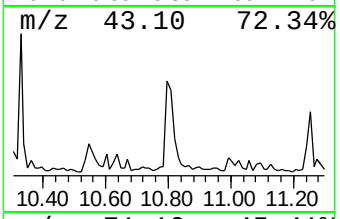


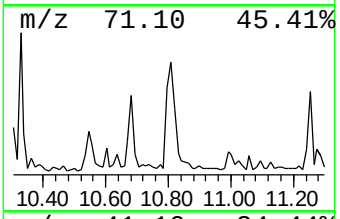


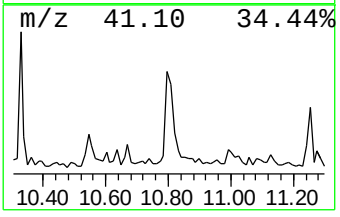












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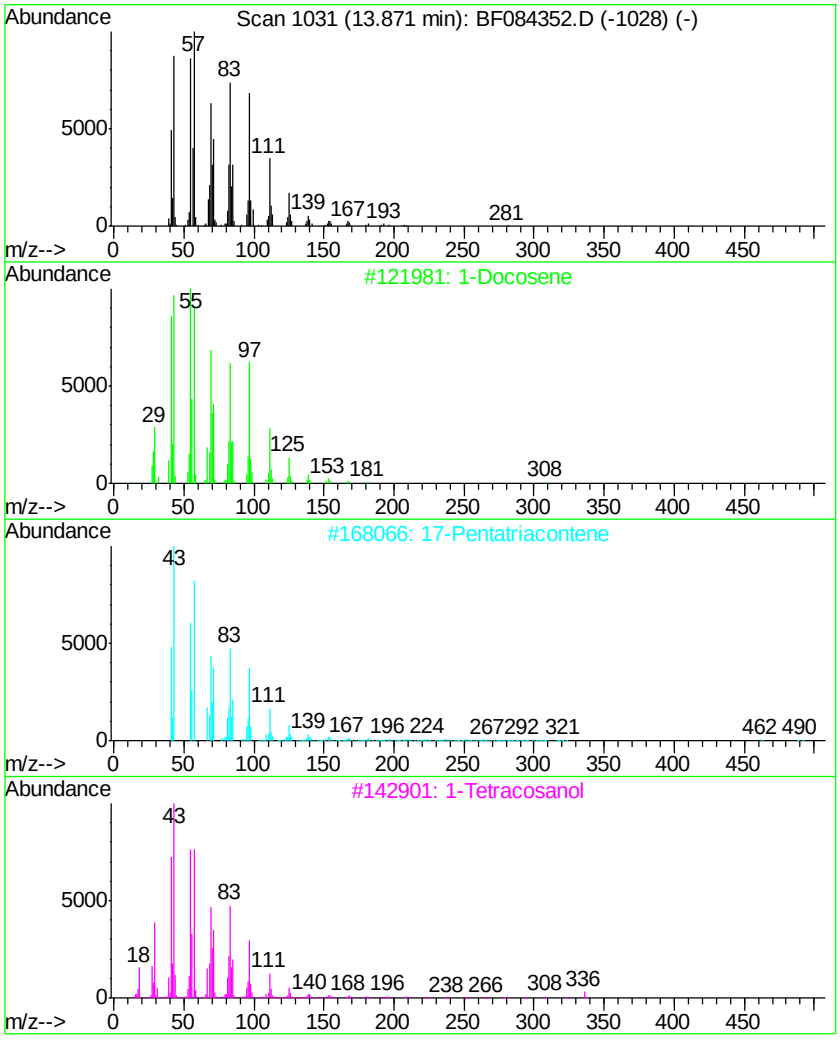
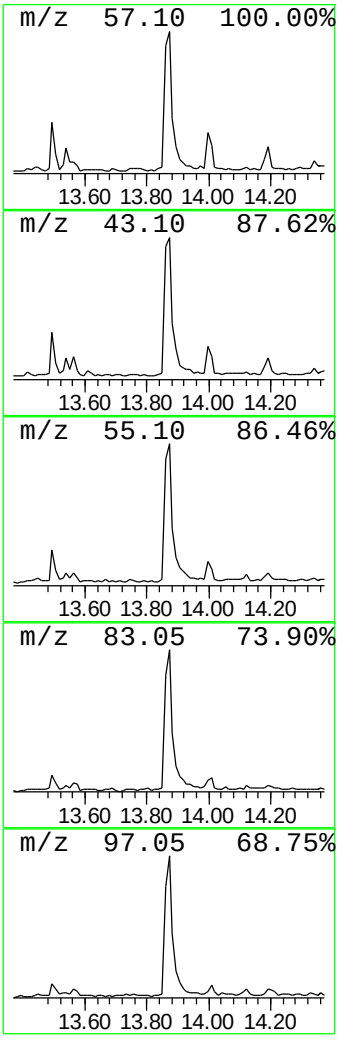
****

Peak Number 6 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.36 ng	689544	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	87
4	1-Heptadecanol	256	C17H36O	001454-85-9	87
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	83





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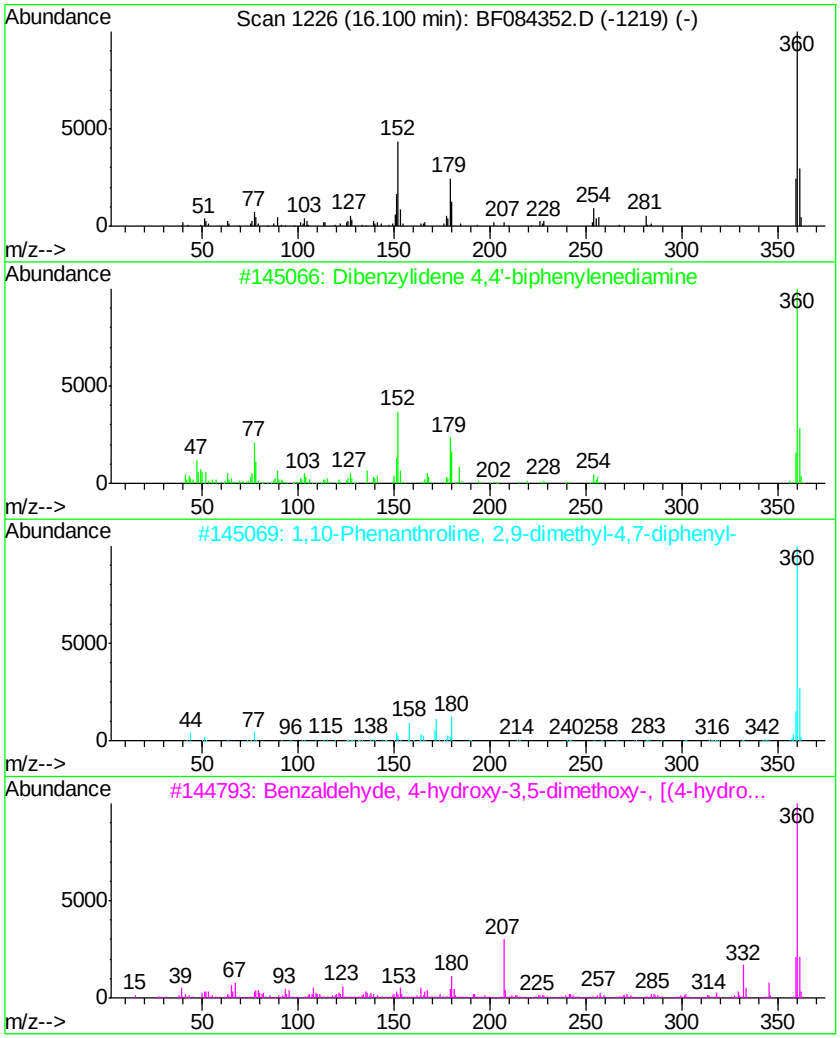
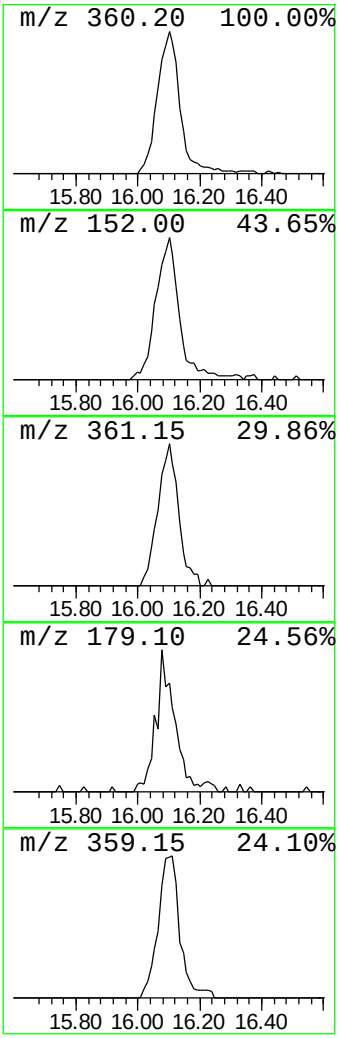
****

Peak Number 7 Dibenzylidene 4,4'-biphenyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	7.08 ng	526708	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzylidene 4,4'-biphenylenedi...	360	C26H20N2	006311-48-4	91
2	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	47
3	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	47
4	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	46
5	Ethene, 1-(anthracen-9-yl)-2-(4-...	360	C27H20O	1000163-55-1	43





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...	5.05	24.0	ng	2153860	1	6.85	1795990	20.0
unknown6.62	6.62	86.6	ng	7779310	1	6.85	1795990	20.0
Hexadecane	10.33	3.0	ng	394129	3	9.89	2660350	20.0
Benzenesulfonamid...	10.80	5.2	ng	689884	4	11.38	2672790	20.0
1-Docosene	13.87	6.4	ng	689544	5	14.02	2168590	20.0
Dibenzylidene 4,4...	16.10	7.1	ng	526708	6	15.44	1487410	20.0