LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
Data File : BF093590.D
Acq On : 12 Mar 2017 4:54
Operator : SJ/MA
Sample : I2198-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-24

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-BF030717.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	4.859	259	260	275	rBV	169030	394558	7.12%	1.086%
2	5.316	298	300	320	rBV	1912249	2763259	49.89%	7.607%
3	6.379	391	393	401	rBV	1386292	1946749	35.15%	5.359%
4	6.493	401	403	406	rVV	4098976	4472938	80.76%	12.314%
5	6.722	421	423	425	rBV	971976	1219674	22.02%	3.358%
6	6.870	434	436	439	rBV	3639745	3491011	63.03%	9.610%
7	7.293	471	473	476	rBV	2826378	2904946	52.45%	7.997%
8	8.002	533	535	538	rBV	1249949	1442007	26.04%	3.970%
9	9.088	627	630	632	rBV	4572548	5538684	100.00%	15.247%
10	9.488	662	665	667	rBV	111065	113297	2.05%	0.312%
11	9.750	686	688	691	rBV	1331542	1480148	26.72%	4.075%
12	10.185	725	726	728	rVB	89132	64323	1.16%	0.177%
13	10.551	756	758	760	rBV	2183206	2314169	41.78%	6.371%
14	10.653	765	767	772	rVB	102049	154528	2.79%	0.425%
15	11.099	804	806	808	rBV	80353	87035	1.57%	0.240%
16	11.236	816	818	821	rBV	1255397	1264494	22.83%	3.481%
17	11.453	835	837	842	rBV	238439	327598	5.91%	0.902%
18	12.608	935	938	943	rBV	207487	343081	6.19%	0.944%
19	12.825	954	957	959	rBV	3551927	3809027	68.77%	10.486%
20	13.614	1023	1026	1032	rBV	81395	147177	2.66%	0.405%
21	13.728	1033	1036	1041	rBV3	35040	69789	1.26%	0.192%
22	13.877	1047	1049	1052	rBV	1017230	977231	17.64%	2.690%
23	14.494	1101	1103	1108	rBV2	34564	62245	1.12%	0.171%
24	15.282	1169	1172	1180	rBV	562409	937441	16.93%	2.581%

Sum of corrected areas: 36325409

LSC Report - Integrated Chromatogram

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Misc :
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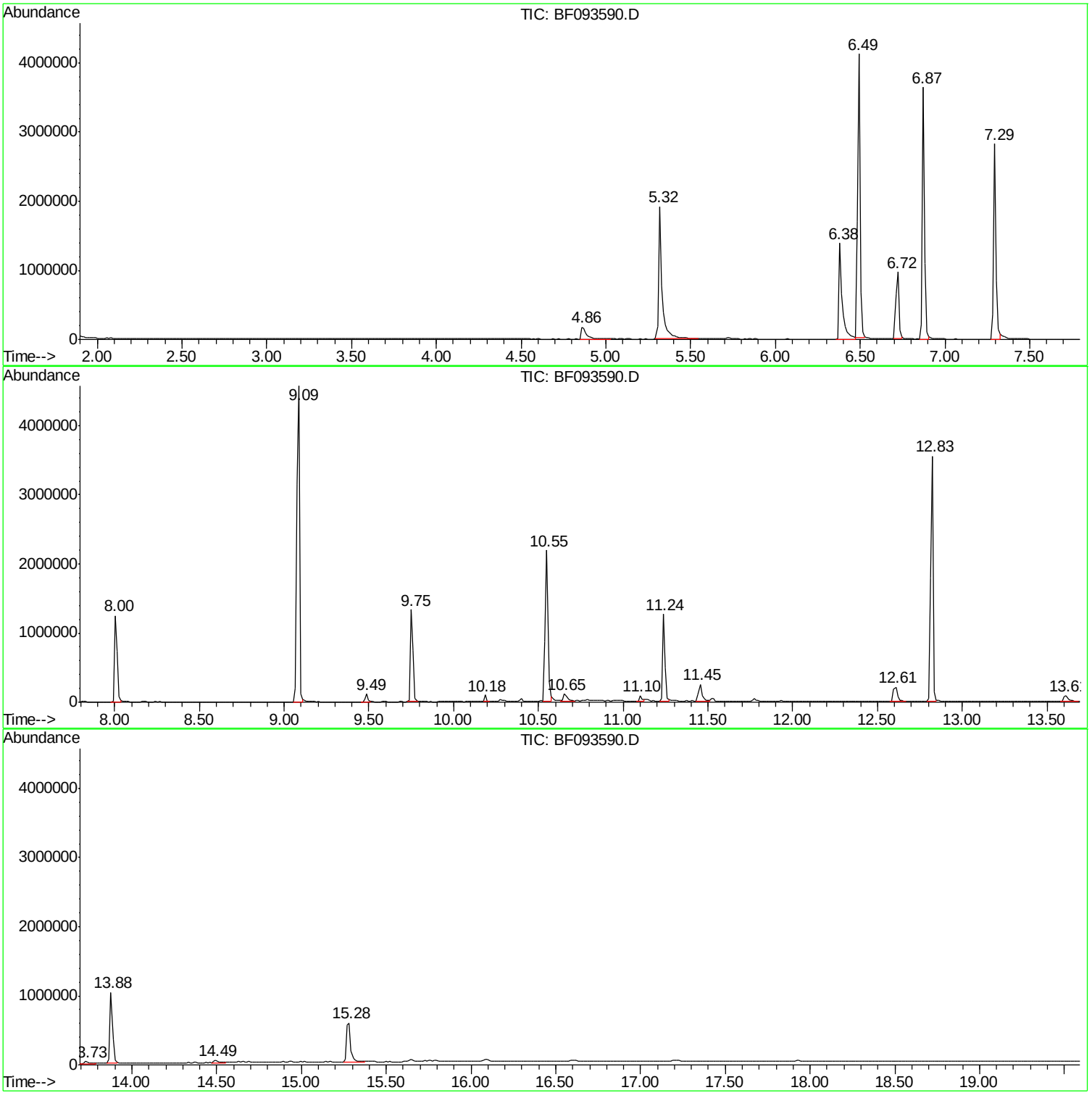
Instrument : BNA_F
ClientSampleId : W-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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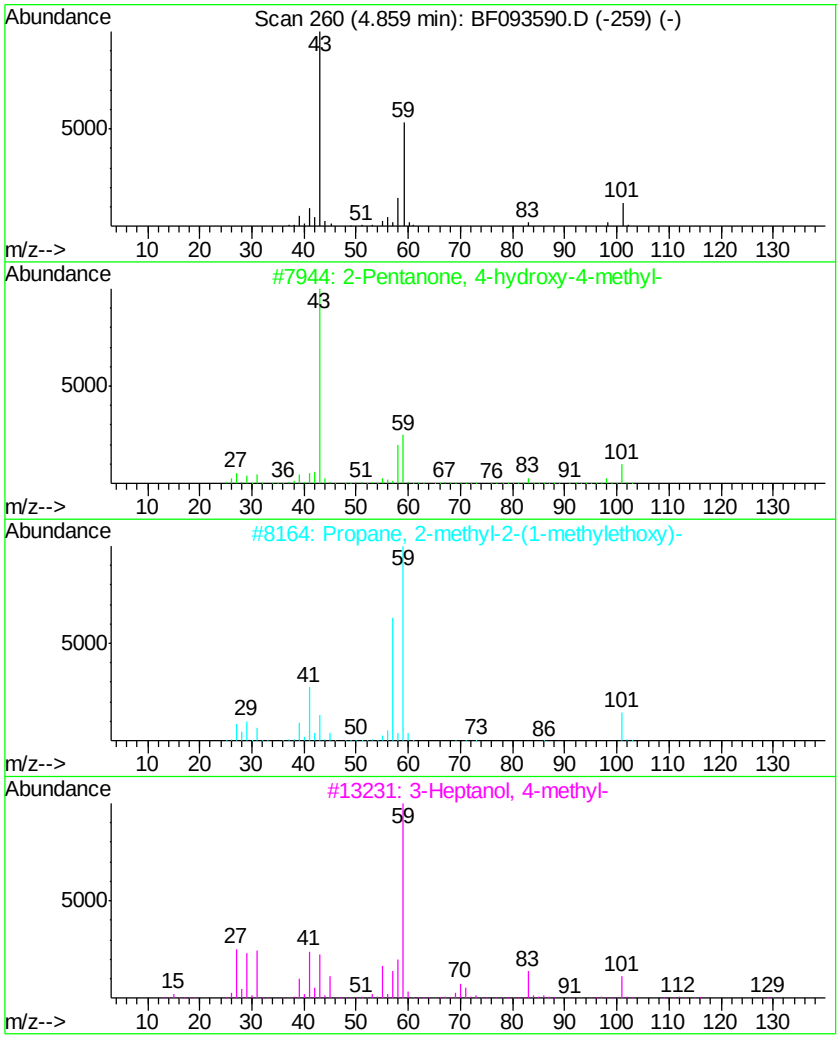
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

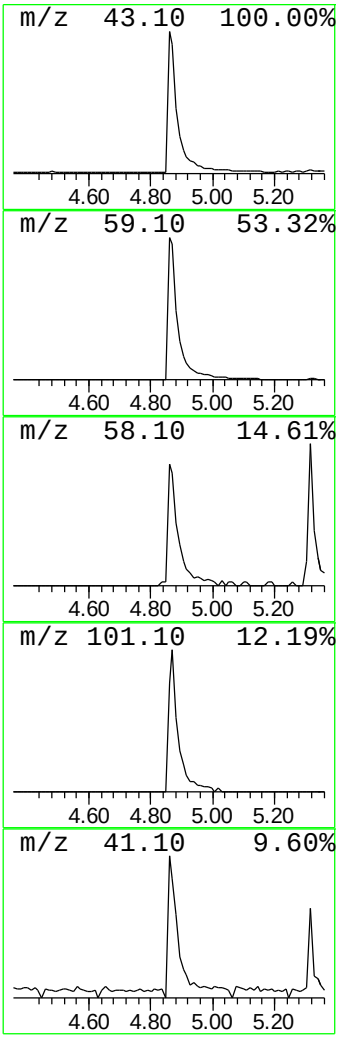
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	6.47 ng	394558	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

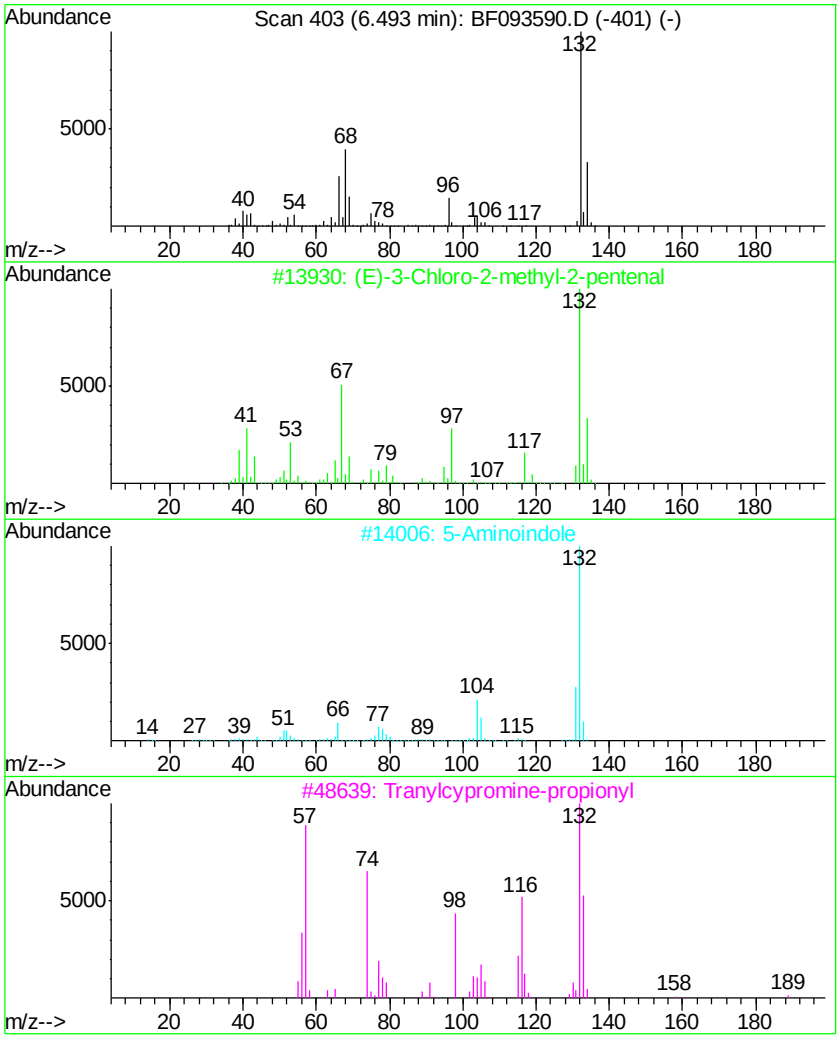
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

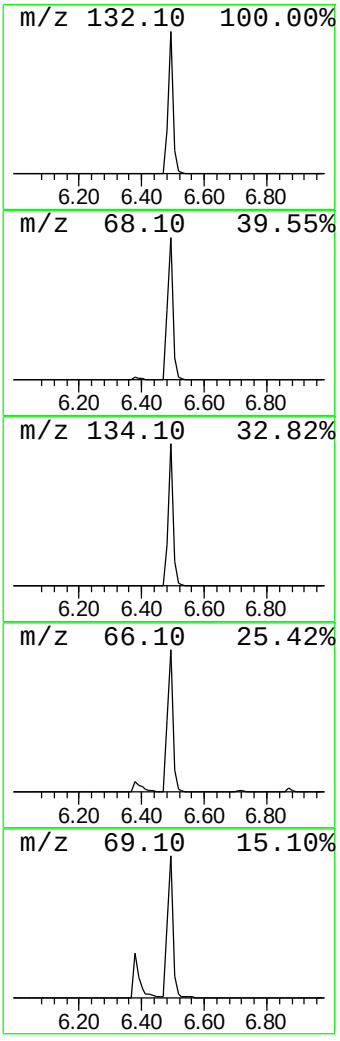
****

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	73.35 ng	4472940	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
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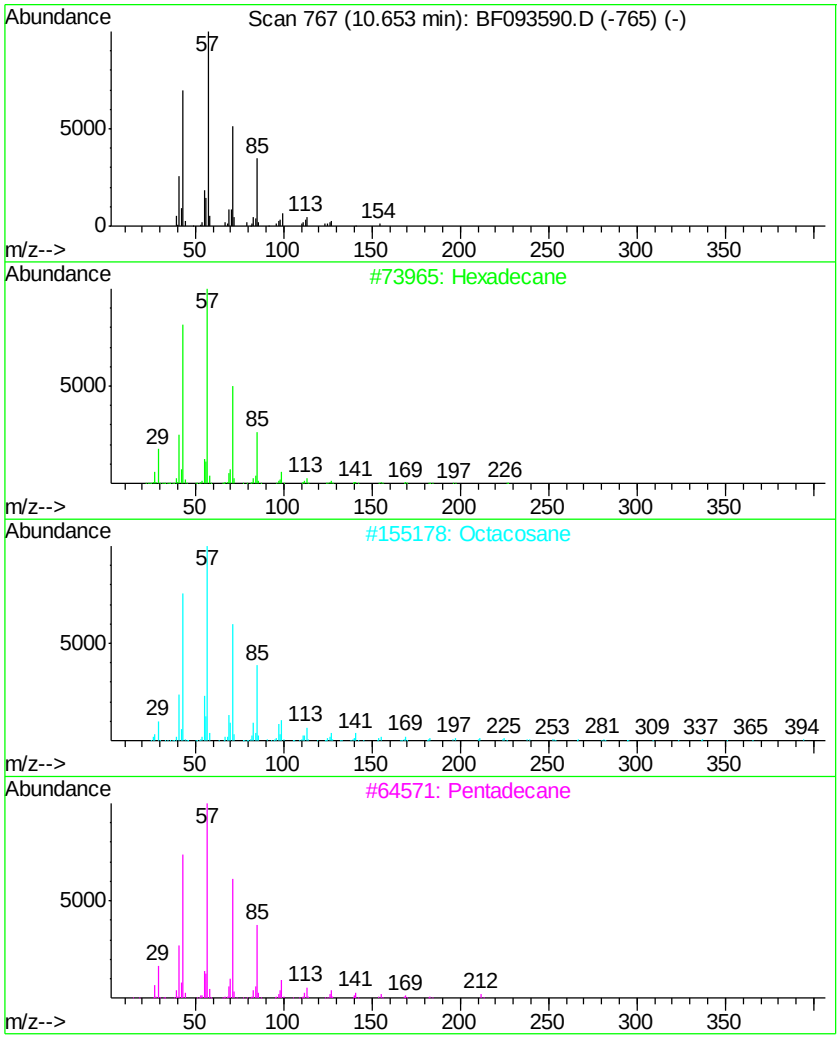
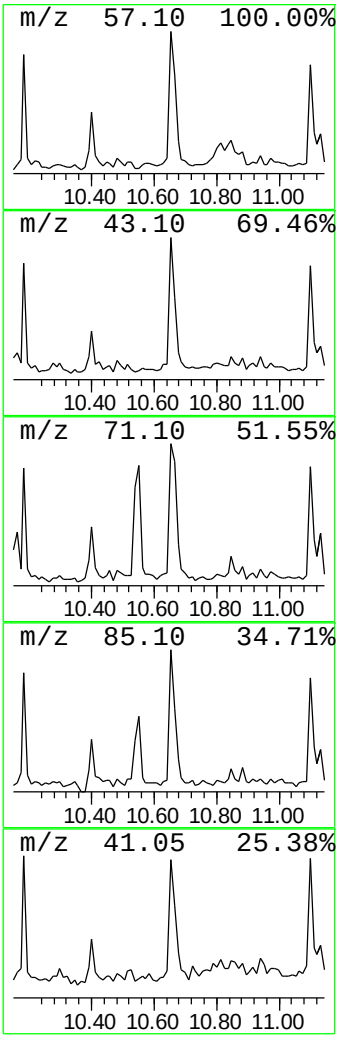
Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.44 ng	154528	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Octacosane	394	C28H58	000630-02-4	83
3	Pentadecane	212	C15H32	000629-62-9	83
4	Decane, 5-propyl-	184	C13H28	017312-62-8	78
5	Tridecane	184	C13H28	000629-50-5	72





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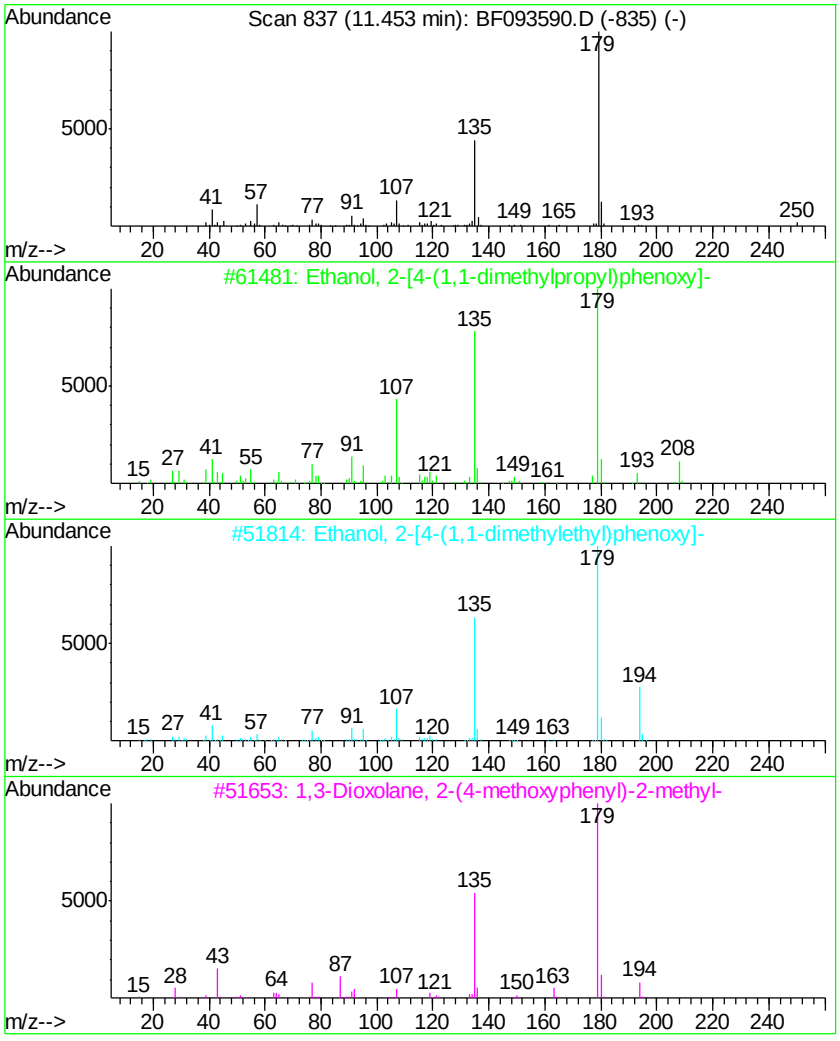
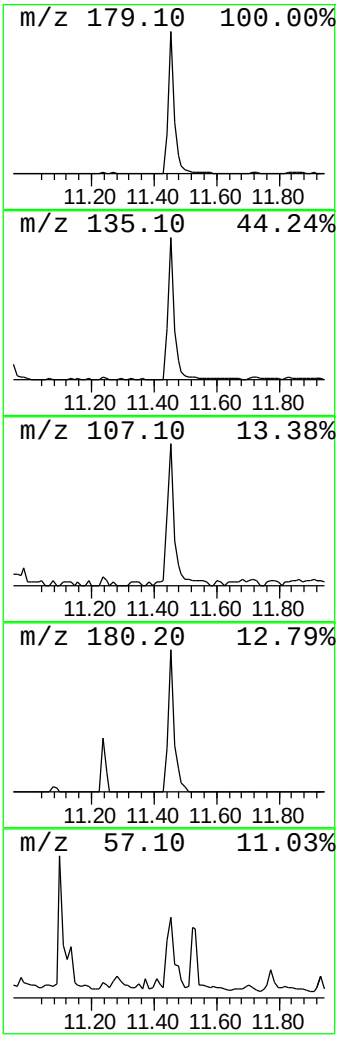
Peak Number 5 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	5.18 ng	327598	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	72
2	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	52
3	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	50
4	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	43
5	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	38





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Instrument : BNA_F
ClientSampleId : W-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

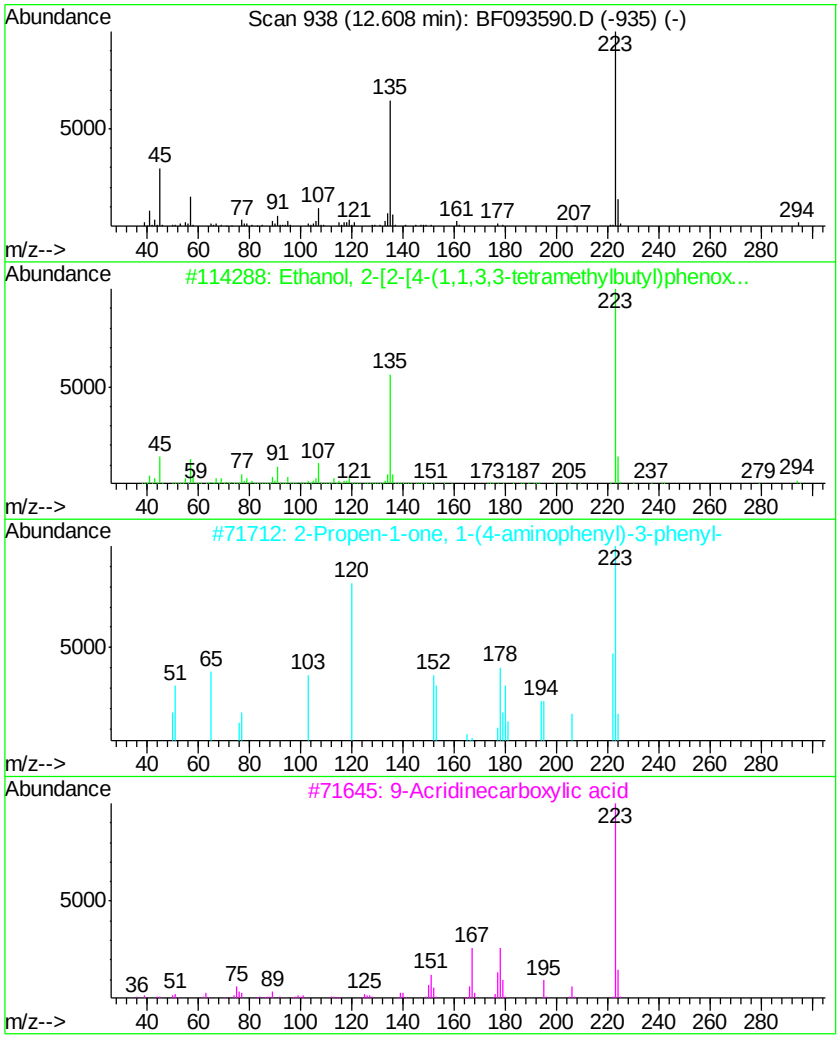
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

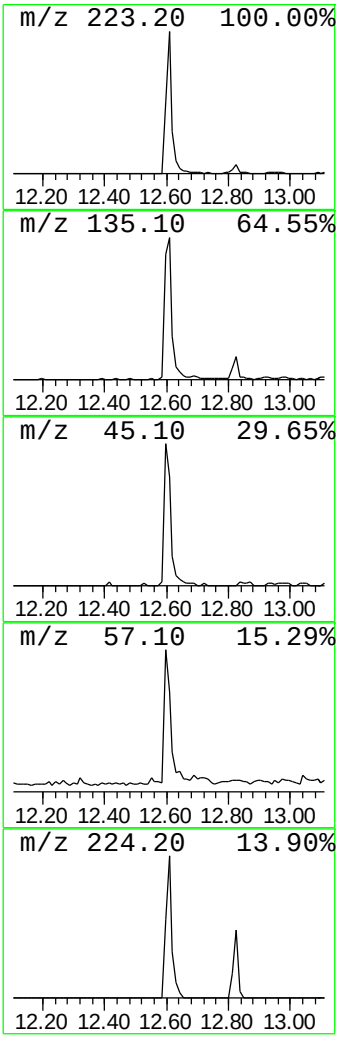
****

Peak Number 6 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	7.02 ng	343081	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	92
2	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	38
3	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	35
4	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	22
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	22





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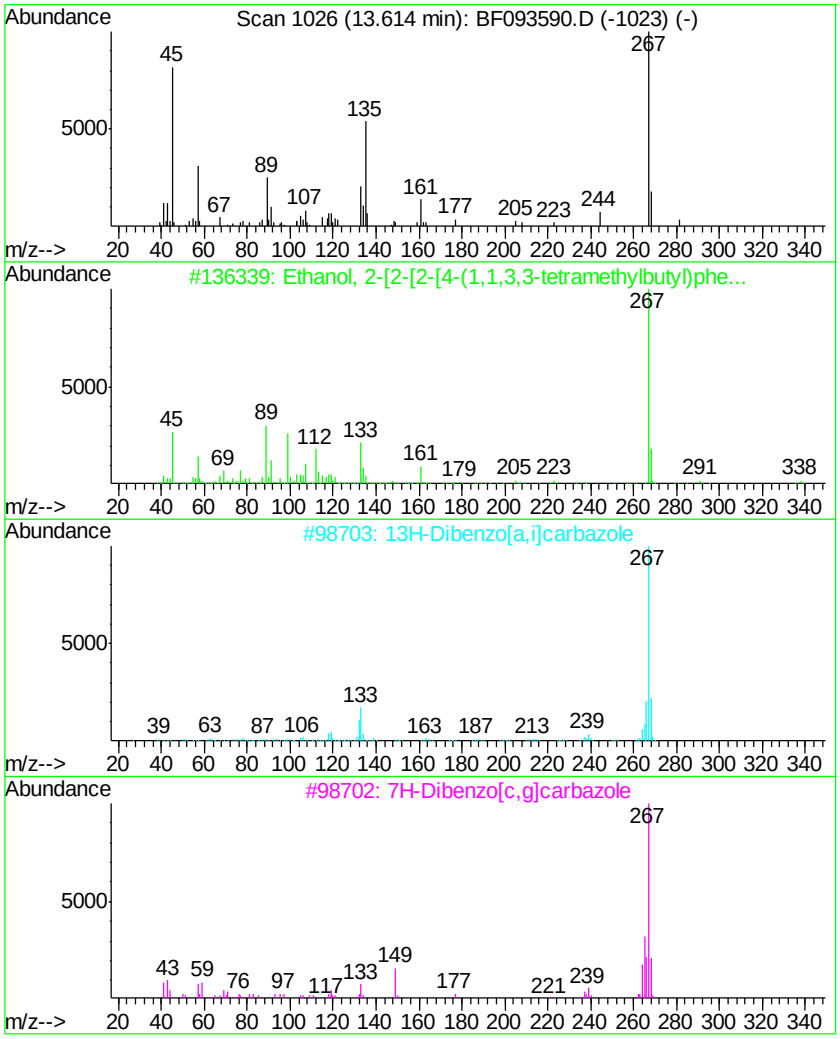
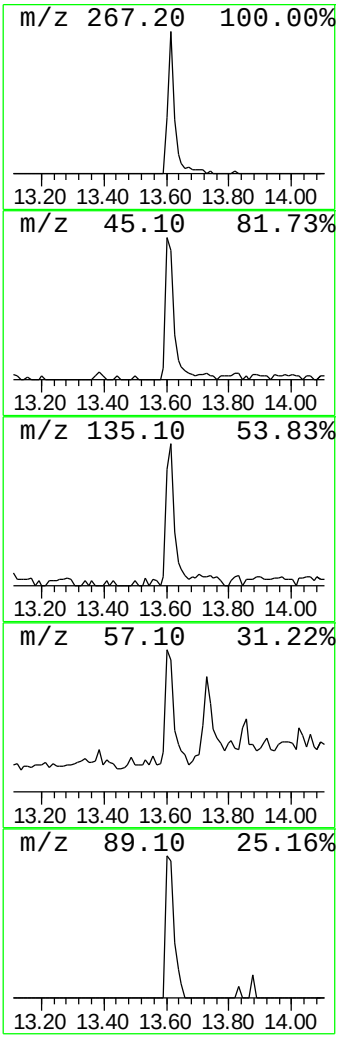
Peak Number 7 unknown13.61 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	3.01 ng	147177	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	49
2	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	30
3	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	22
4	6-Chloromethyl-benzo[4,5]imidazo...	267	C15H10ClN3	070371-92-5	17
5	Octaethylene glycol	370	C16H34O9	1000289-34-2	16





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.86	6.5	ng	394558	1	6.72	1219670	20.0
unknown6.49	6.49	73.3	ng	4472940	1	6.72	1219670	20.0
Hexadecane	10.65	2.4	ng	154528	4	11.24	1264490	20.0
Ethanol, 2-[4-(1,...	11.45	5.2	ng	327598	4	11.24	1264490	20.0
Ethanol, 2-[2-[4-...	12.61	7.0	ng	343081	5	13.88	977231	20.0
unknown13.61	13.61	3.0	ng	147177	5	13.88	977231	20.0