LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085738.D
Acq On : 25 Mar 2016 3:17
Operator : UM/SJ
Sample : H1884-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-3(18-20)

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-BF032416.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	5.007	235	238	252	rVB	776613	1117957	31.75%	3.809%
2	5.430	272	275	277	rBV	2654655	2966368	84.25%	10.108%
3	5.830	308	310	315	rVB	95856	93804	2.66%	0.320%
4	6.459	363	365	368	rBV	2081385	2933091	83.31%	9.995%
5	6.596	374	377	379	rBV	2898999	3150192	89.47%	10.734%
6	6.824	395	397	399	rBV	729798	641023	18.21%	2.184%
7	6.893	401	403	408	rBV	38608	36326	1.03%	0.124%
8	6.984	408	411	413	rBV	1912943	2416380	68.63%	8.234%
9	7.396	444	447	449	rBV	1481926	2036823	57.85%	6.941%
10	8.105	507	509	512	rBV	857422	839451	23.84%	2.860%
11	9.190	601	604	606	rBV	3212184	3520891	100.00%	11.998%
12	9.579	636	638	640	rBV	635140	528868	15.02%	1.802%
13	9.796	655	657	659	rBV	85872	70048	1.99%	0.239%
14	9.865	660	663	665	rVB	895782	959270	27.25%	3.269%
15	10.299	697	701	702	rBV	84752	112949	3.21%	0.385%
16	10.516	717	720	721	rBV	37807	54201	1.54%	0.185%
17	10.653	729	732	734	rBV	2289834	2285825	64.92%	7.789%
18	10.768	740	742	747	rBV	117304	142414	4.04%	0.485%
19	11.214	779	781	782	rBV	68557	54822	1.56%	0.187%
20	11.339	790	792	795	rBV	920868	986344	28.01%	3.361%
21	11.876	836	839	841	rBV2	37726	56022	1.59%	0.191%
22	12.928	929	931	933	rBV	3144771	2945849	83.67%	10.038%
23	13.065	940	943	945	rVB	88216	87202	2.48%	0.297%
24	13.819	1007	1009	1018	rBV	41708	71351	2.03%	0.243%
25	13.979	1020	1023	1025	rBV	625788	719386	20.43%	2.451%
26	15.397	1144	1147	1151	rBV	379466	519782	14.76%	1.771%

Sum of corrected areas: 29346639

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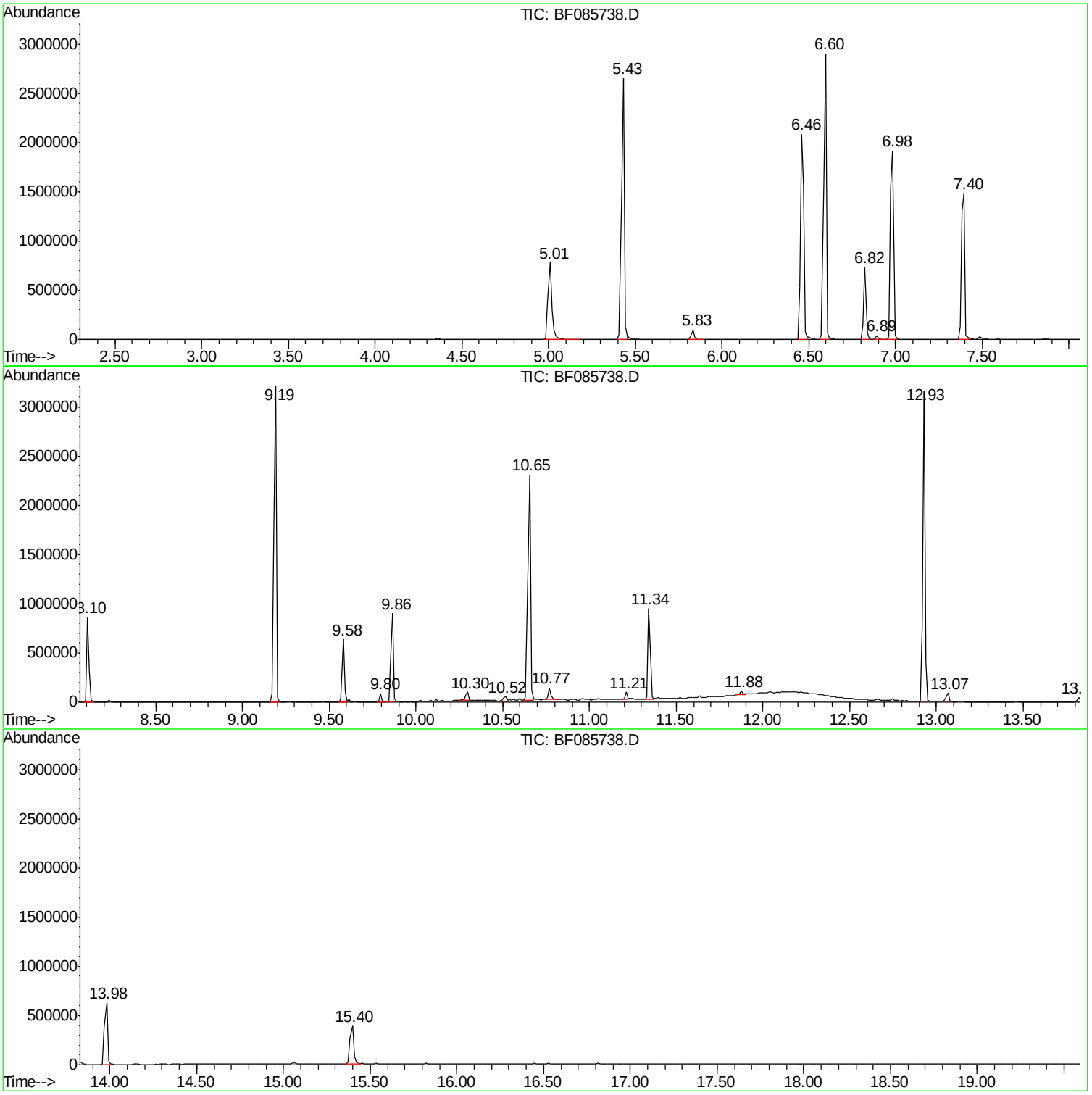
Instrument :
BNA_F
ClientSampleId :
GW-3(18-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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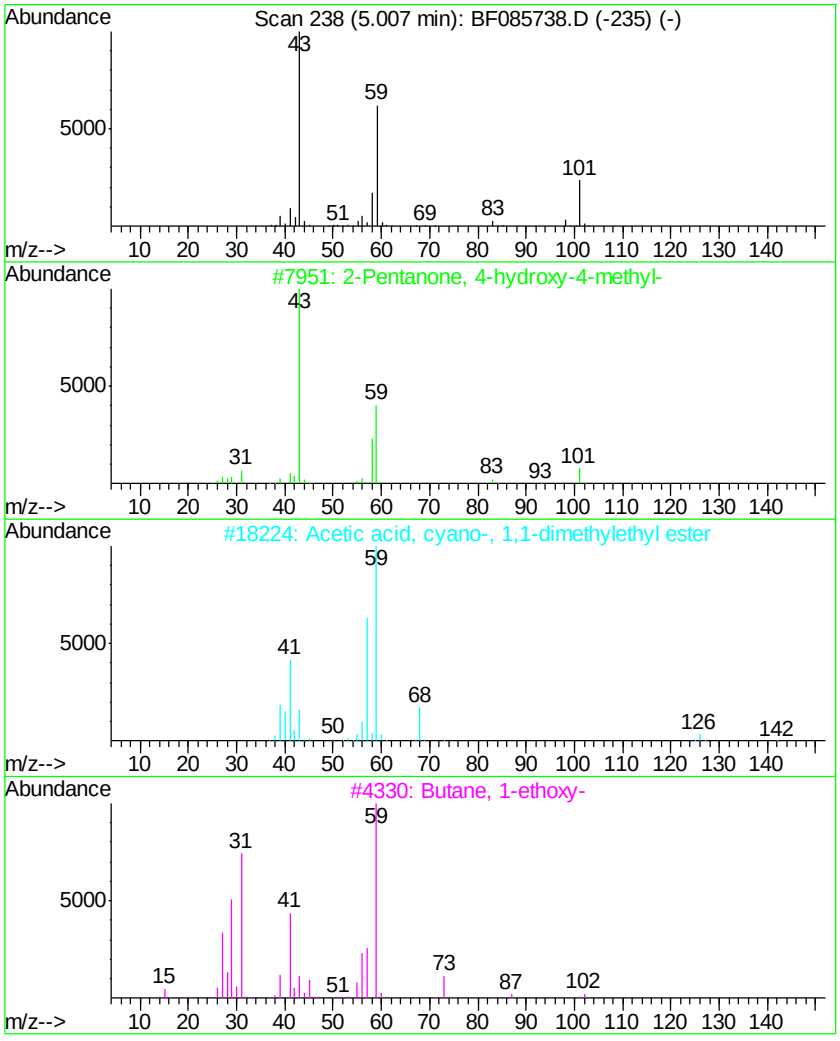
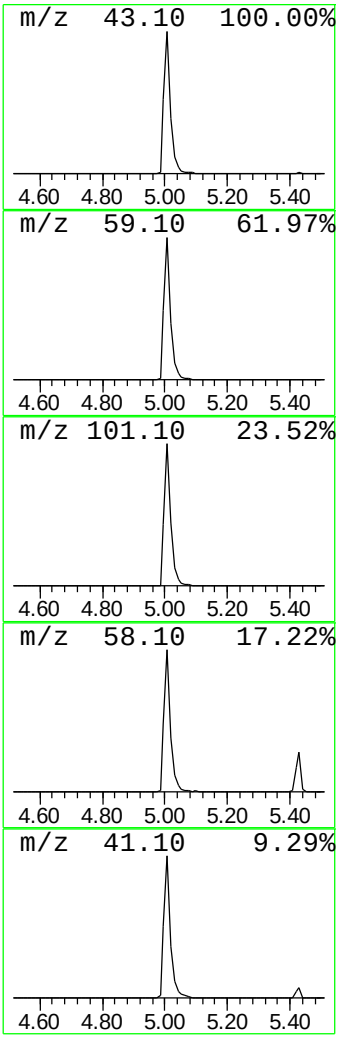
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	34.88 ng	1117960	1,4-Dichlorobenzene-d4	6.82

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	25
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : GW-3(18-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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TIC Integration Parameters: LSCINT.P

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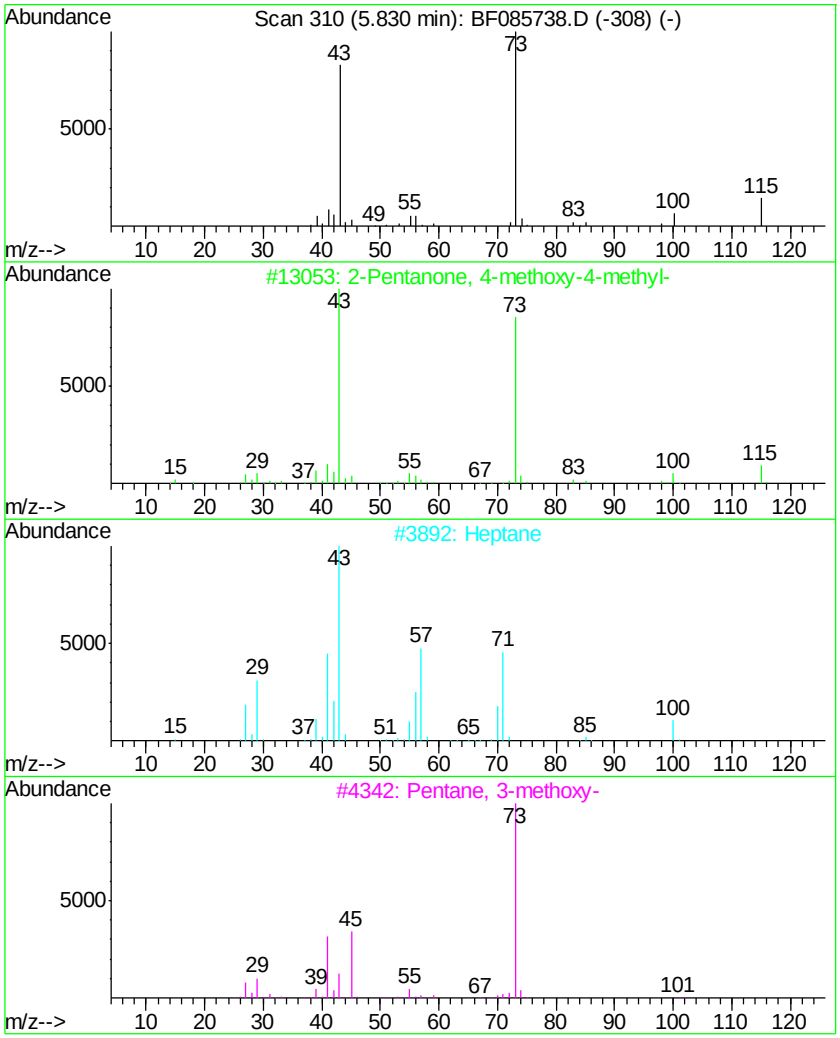
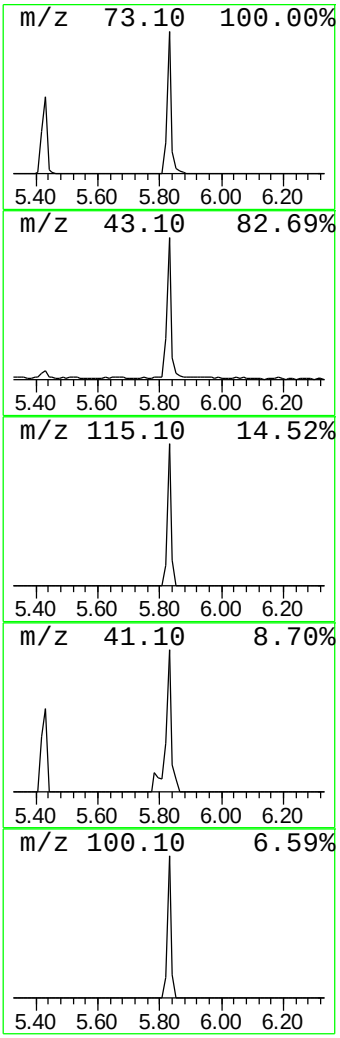
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	2.93 ng	93804	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Heptane	100	C7H16	000142-82-5	16
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	16
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9





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Operator : UM/SJ
Sample : H1884-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-3(18-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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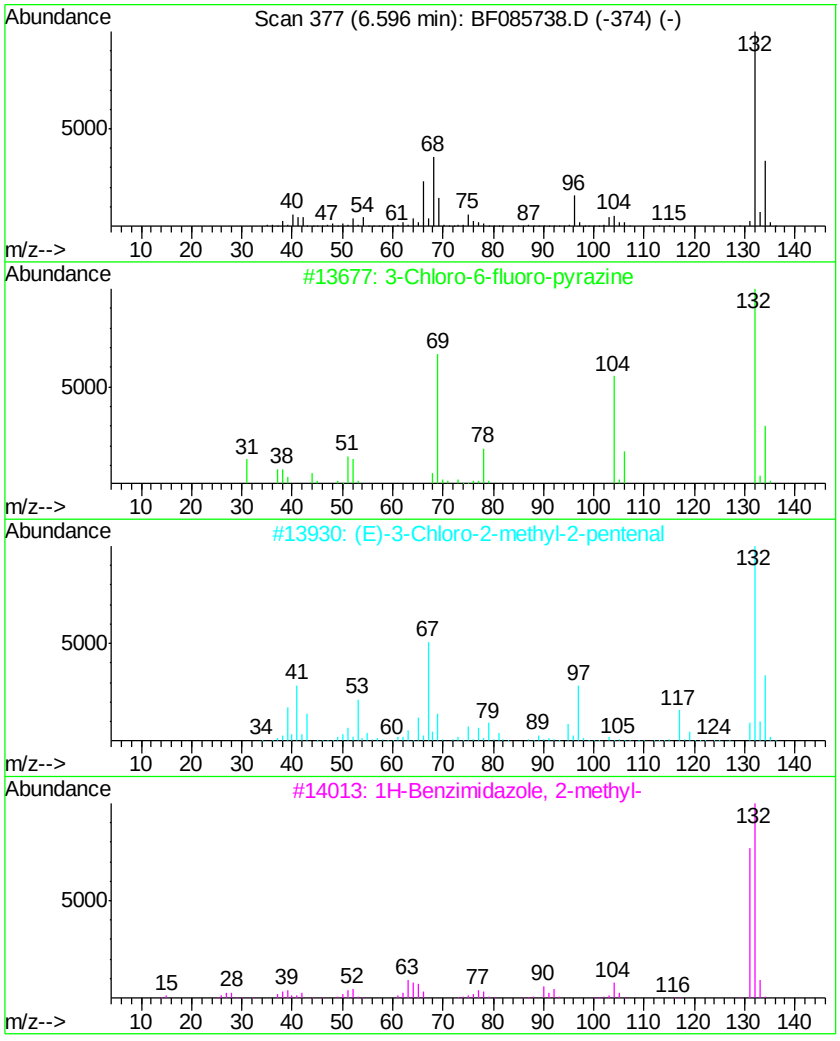
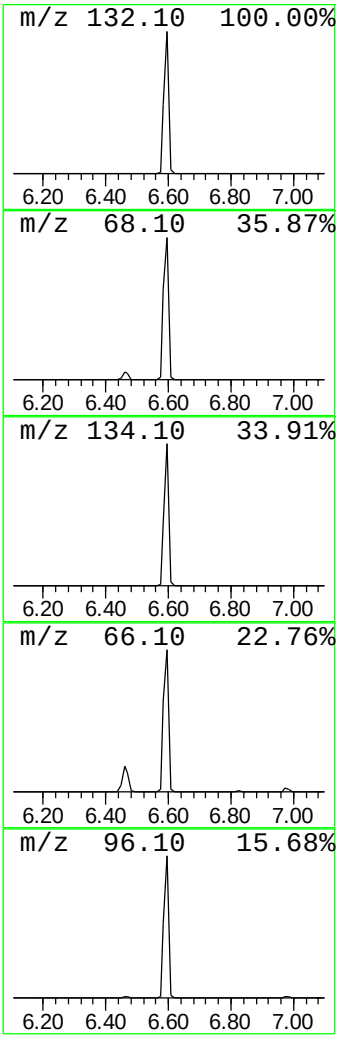
Peak Number 3 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	98.29 ng	3150190	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
ClientSampleId : GW-3(18-20)

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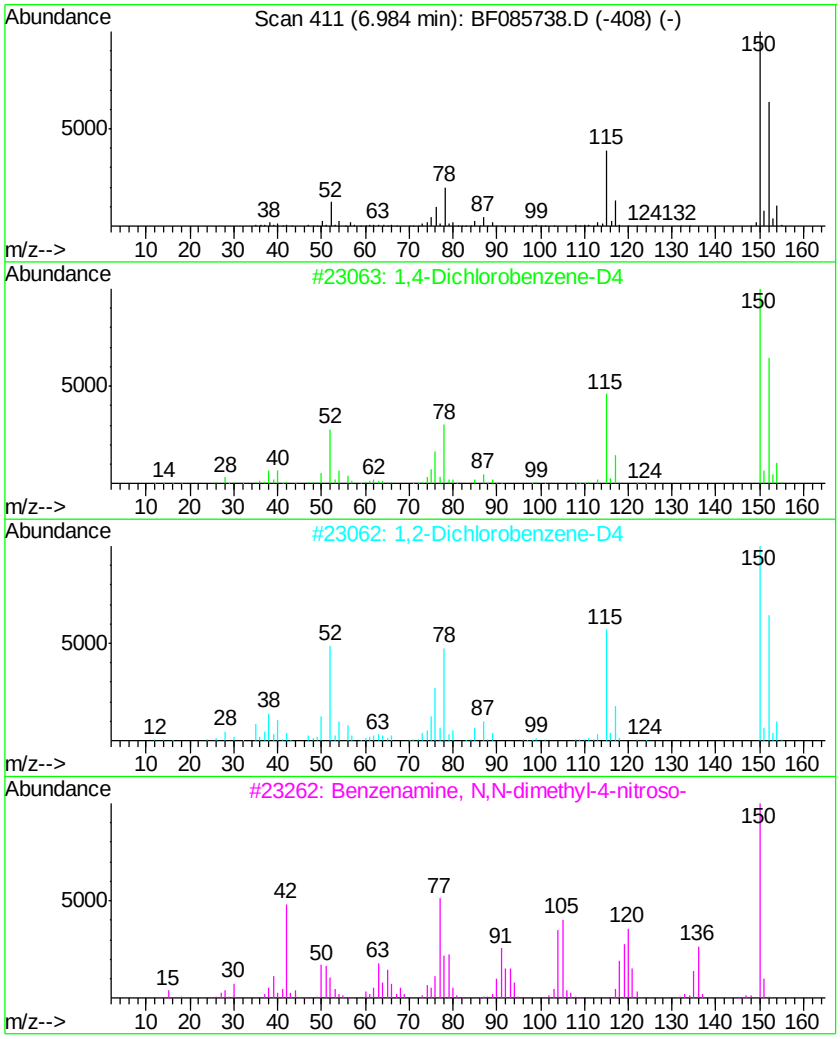
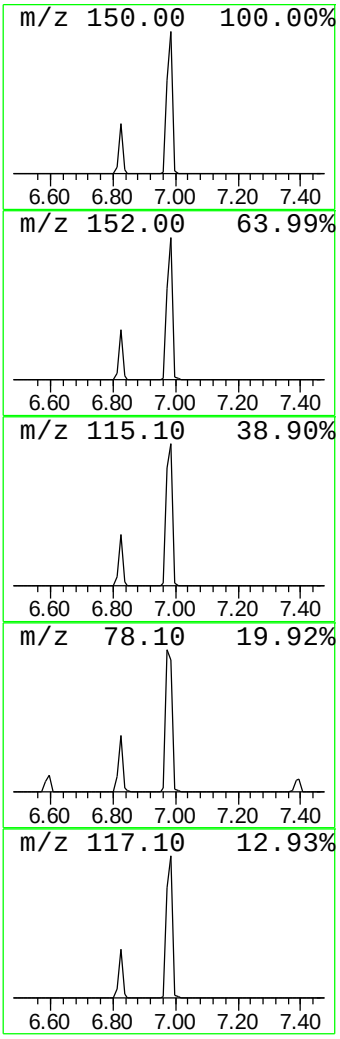
Peak Number 4 unknown6.98 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	75.39 ng	2416380	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	94
2	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	90
3	Benzenamine, N,N-dimethyl-4-nitr...	150	C8H10N2O	000138-89-6	32
4	2,5-Cyclohexadiene-1,4-dione, 5-...	378	C15H11BrN2O5	324051-18-5	12
5	2-Cyclohexene-1,4-dione, 5,6-dic...	370	C15H12Cl2N2O5	324051-46-9	12





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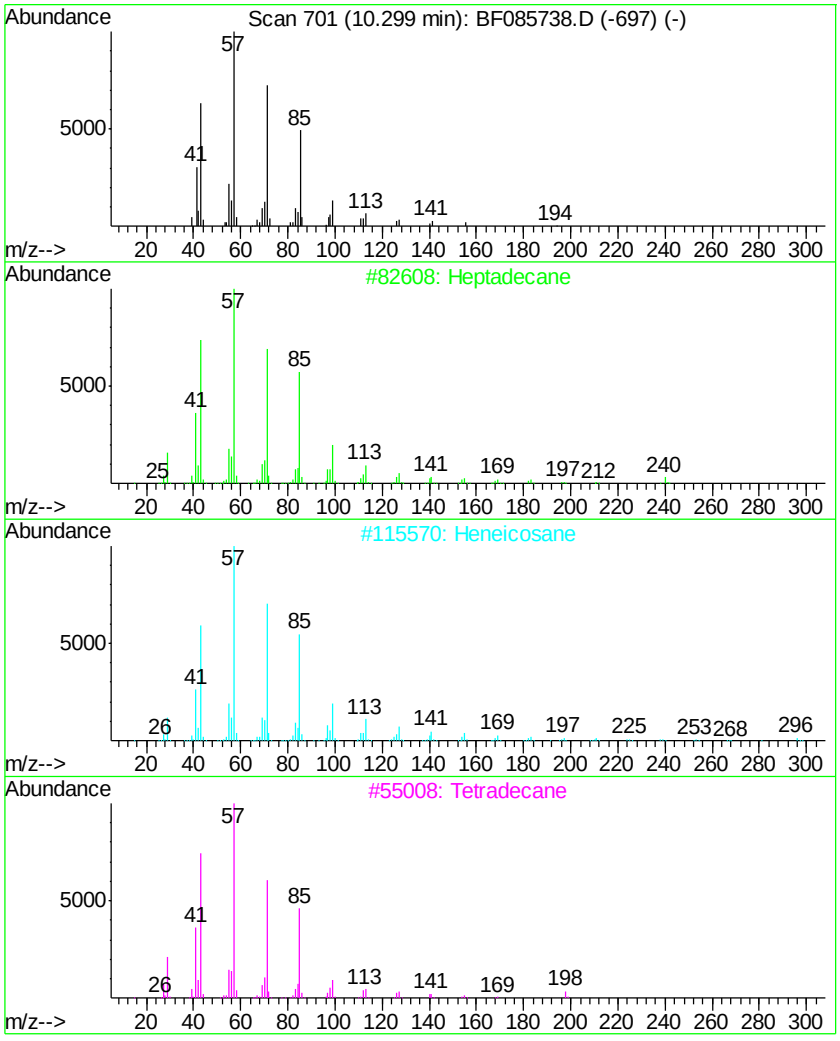
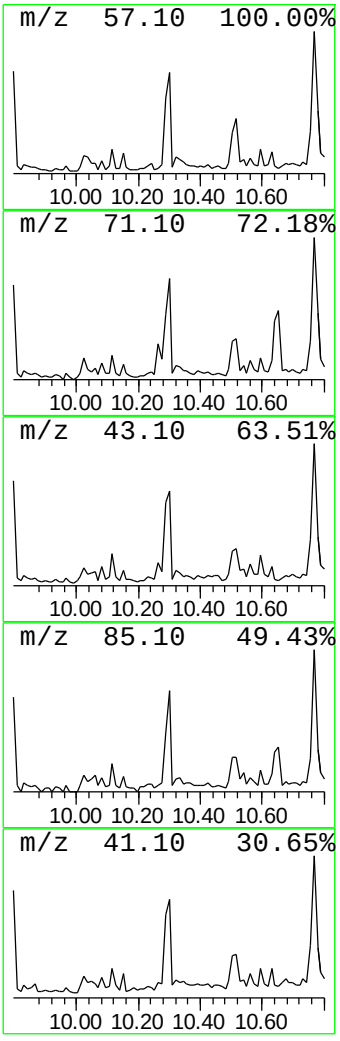
Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.35 ng	112949	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Hexadecane	226	C16H34	000544-76-3	86





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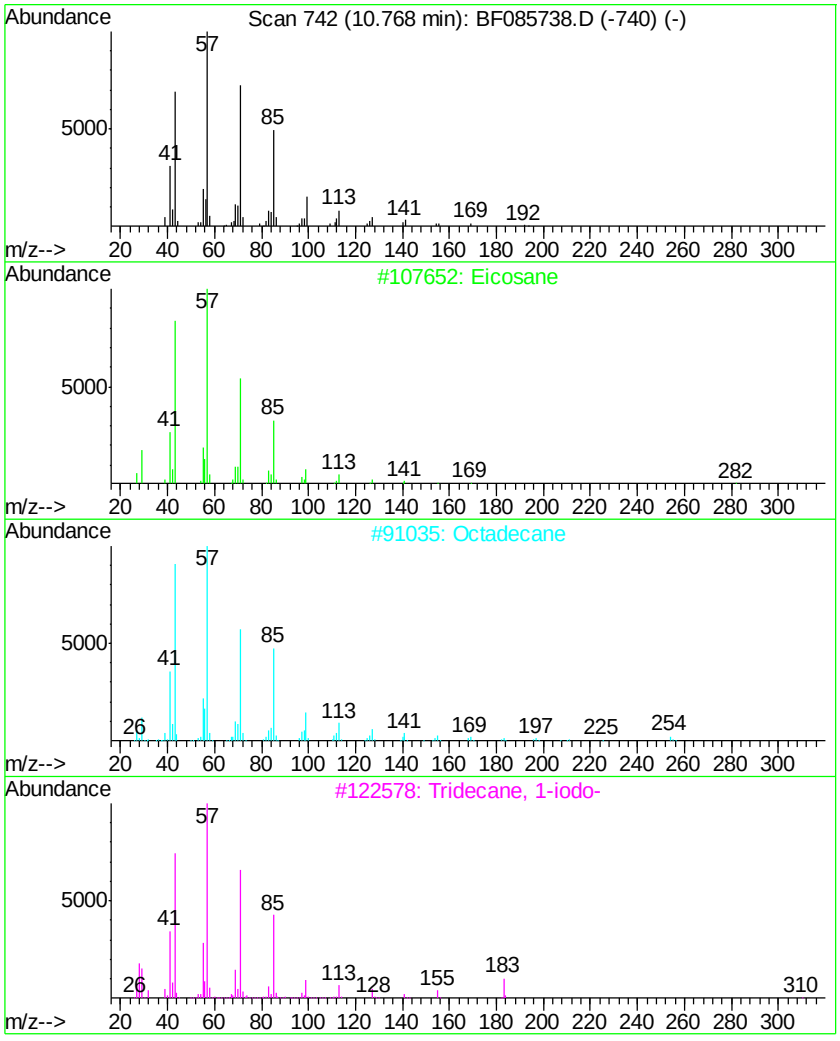
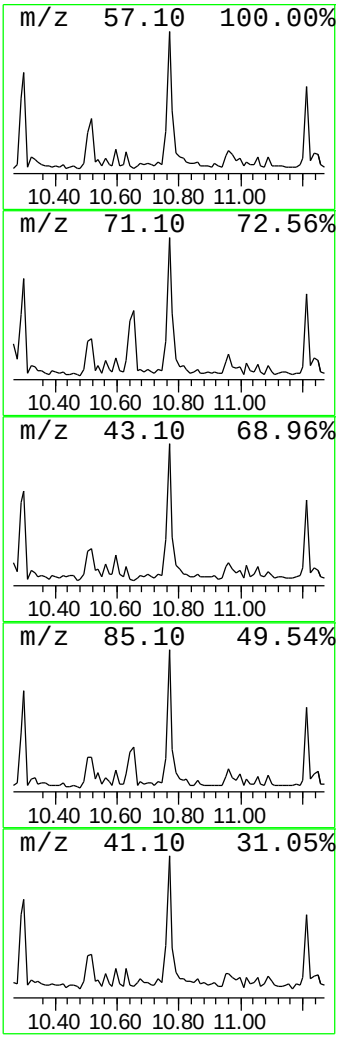
Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.89 ng	142414	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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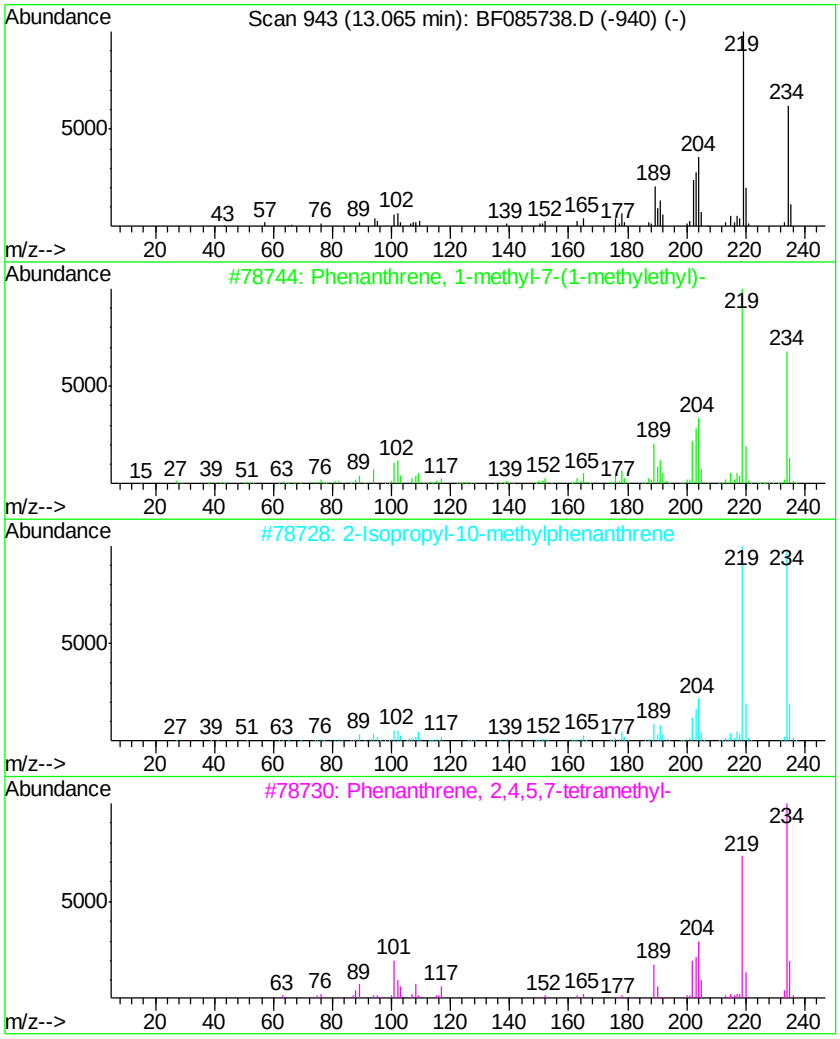
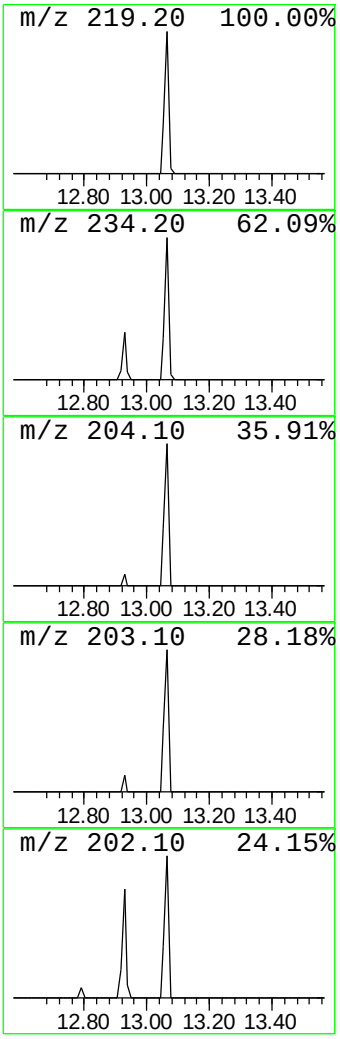
Peak Number 7 Phenanthrene, 1-methyl-7-(1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.42 ng	87202	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	72
4	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	53
5	2,3,5,6-Detetrahydrocyclohexanon...	234	C15H22O2	101100-38-3	50





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...	5.01	34.9	ng	1117960	1	6.82	641023	20.0
2-Pentanone, 4-me...	5.83	2.9	ng	93804	1	6.82	641023	20.0
unknown6.60	6.60	98.3	ng	3150190	1	6.82	641023	20.0
unknown6.98	6.98	75.4	ng	2416380	1	6.82	641023	20.0
Heptadecane	10.30	2.4	ng	112949	3	9.86	959270	20.0
Eicosane	10.77	2.9	ng	142414	4	11.34	986344	20.0
Phenanthrene, 1-m...	13.07	2.4	ng	87202	5	13.98	719386	20.0