LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091520.D
Acq On : 8 Dec 2016 23:25
Operator : UM/SJ
Sample : H5917-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-09

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-BF112916.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	4.984	234	236	239	rBV	260793	308100	5.64%	0.894%
2	5.419	271	274	276	rBV	1343229	1253981	22.95%	3.639%
3	6.447	362	364	367	rBV	758390	735052	13.46%	2.133%
4	6.584	373	376	378	rBV	2296561	2086102	38.19%	6.054%
5	6.813	394	396	399	rBV	846289	915784	16.76%	2.658%
6	6.973	407	410	413	rVB	2112159	1880549	34.42%	5.457%
7	7.385	443	446	448	rBV	1886160	1915943	35.07%	5.560%
8	8.105	506	509	511	rBV	1998341	1819124	33.30%	5.279%
9	8.539	544	547	549	rBV2	33900	67854	1.24%	0.197%
10	8.928	576	581	582	rBV5	30839	69653	1.27%	0.202%
11	9.133	597	599	600	rBV	72700	66409	1.22%	0.193%
12	9.179	600	603	606	rVV	4305771	4247899	77.76%	12.327%
13	9.259	607	610	613	rBV5	30817	64866	1.19%	0.188%
14	9.510	631	632	634	rVV	65593	78083	1.43%	0.227%
15	9.590	635	639	640	rVV3	81564	161753	2.96%	0.469%
16	9.625	640	642	645	rVB3	44702	79674	1.46%	0.231%
17	9.716	648	650	652	rBV2	48590	67256	1.23%	0.195%
18	9.853	660	662	664	rVB	2163133	1905199	34.87%	5.529%
19	10.059	677	680	682	rBV2	69255	95105	1.74%	0.276%
20	10.173	687	690	693	rVB2	77093	119801	2.19%	0.348%
21	10.276	693	699	703	rBV4	56010	208885	3.82%	0.606%
22	10.459	713	715	718	rBV2	46000	92181	1.69%	0.268%
23	10.516	718	720	722	rVB	113058	110220	2.02%	0.320%
24	10.642	728	731	733	rBV	3257417	3382059	61.91%	9.815%
25	10.779	740	743	745	rVB	259600	319315	5.85%	0.927%
26	10.836	746	748	751	rBV2	36226	73372	1.34%	0.213%
27	10.973	759	760	766	rVB3	60088	131534	2.41%	0.382%
28	11.248	782	784	786	rVB	96391	120142	2.20%	0.349%
29	11.339	789	792	794	rBV	2186401	2151315	39.38%	6.243%
30	11.876	836	839	841	rBV	338003	386014	7.07%	1.120%
31	12.654	905	907	914	rBV	308445	401433	7.35%	1.165%
32	12.928	928	931	933	rBV	4689711	5462990	100.00%	15.854%
33	13.819	1006	1009	1012	rBV2	61492	90378	1.65%	0.262%
34	13.968	1019	1022	1024	rBV	2123313	2123870	38.88%	6.163%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : URSMW-09

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-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.385	1142	1146	1148	rBV	1111057	1467175	26.86%	4.258%

Sum of corrected areas: 34459070

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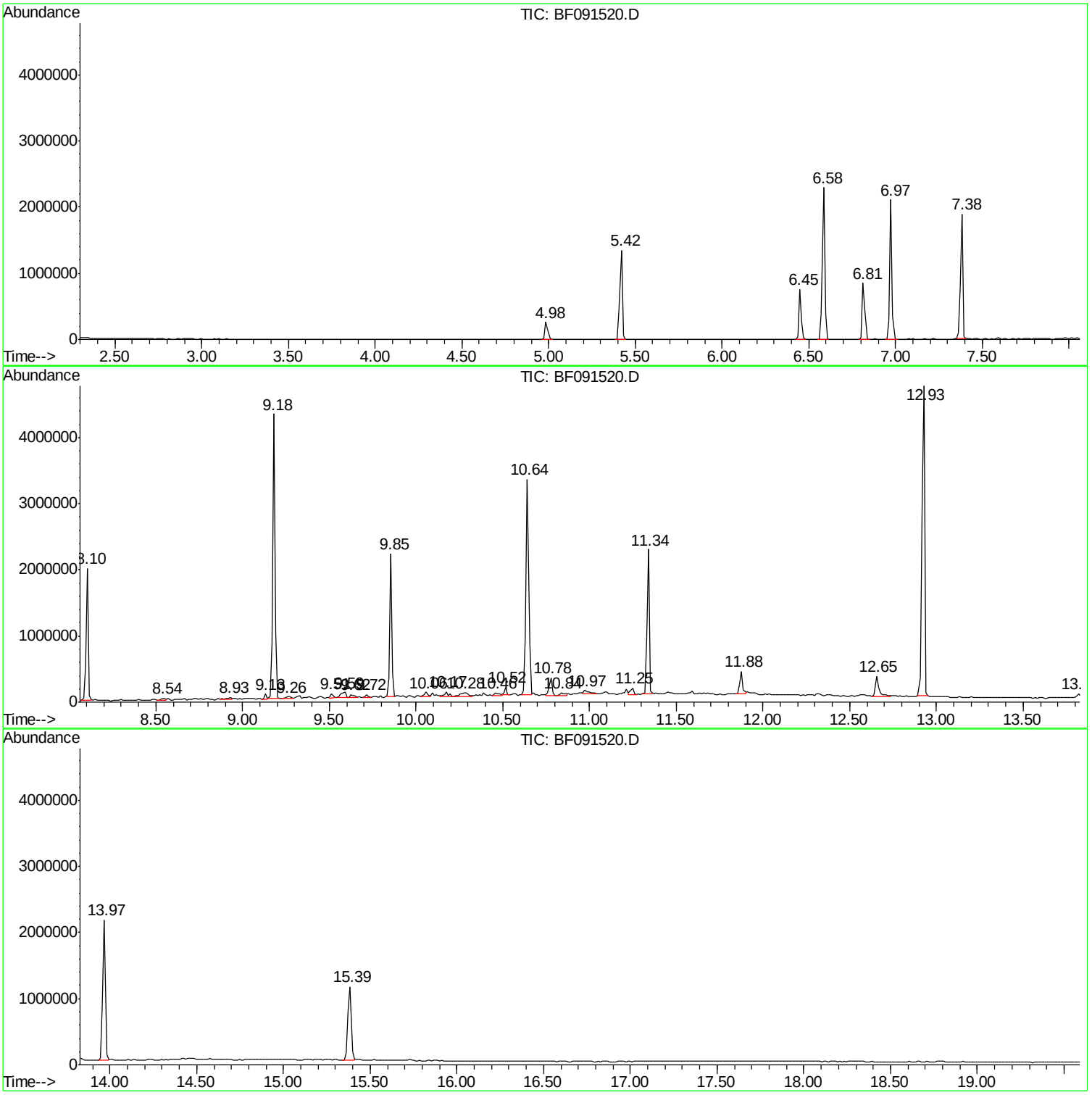
Instrument :
BNA_F
ClientSampleId :
URSMW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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Sample : H5917-03
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

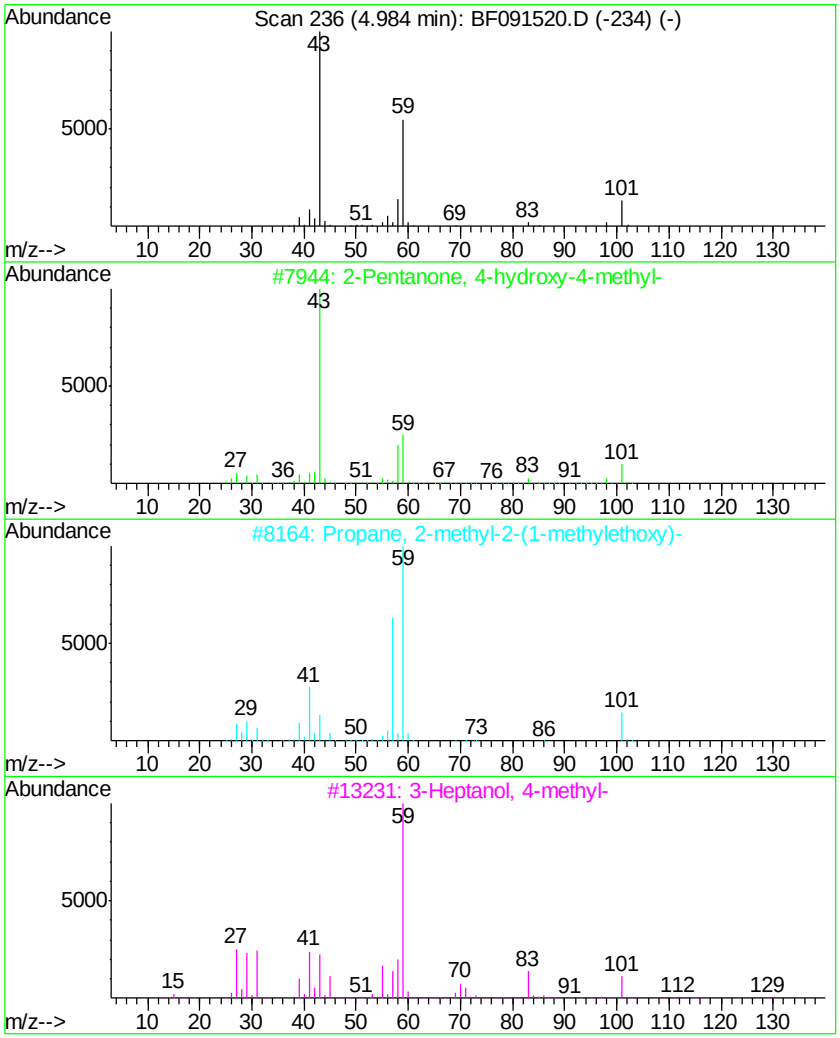
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

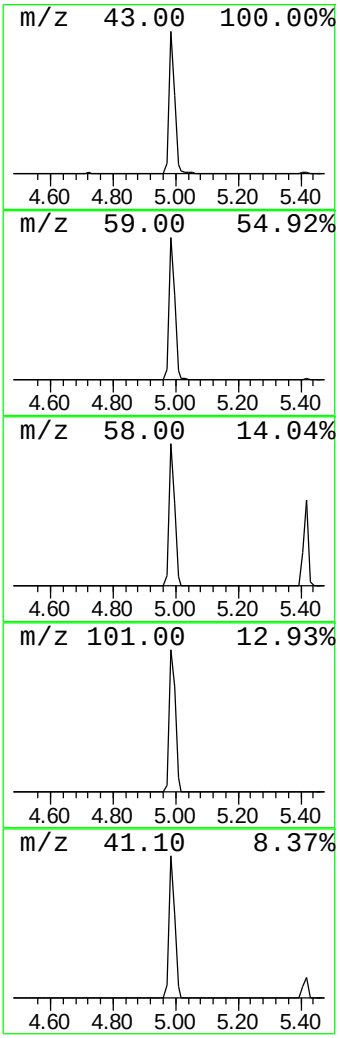
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	6.73 ng	308100	1,4-Dichlorobenzene-d4	6.81

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	42
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	28





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Sample : H5917-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

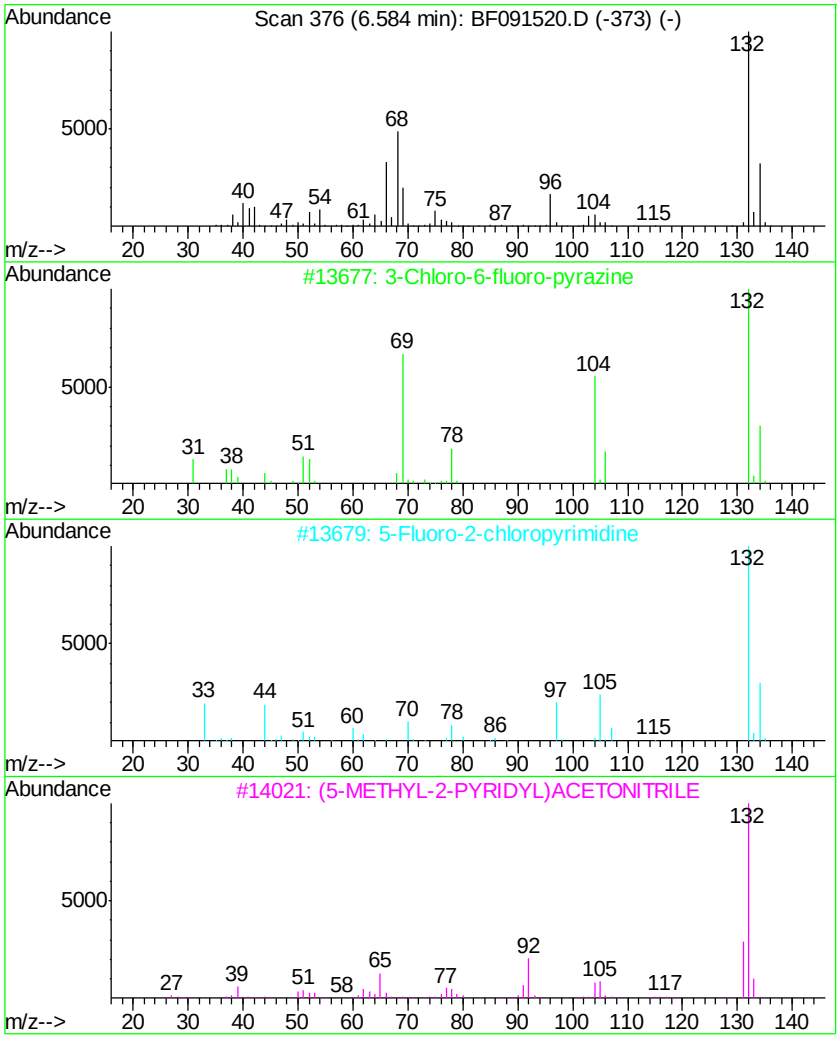
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

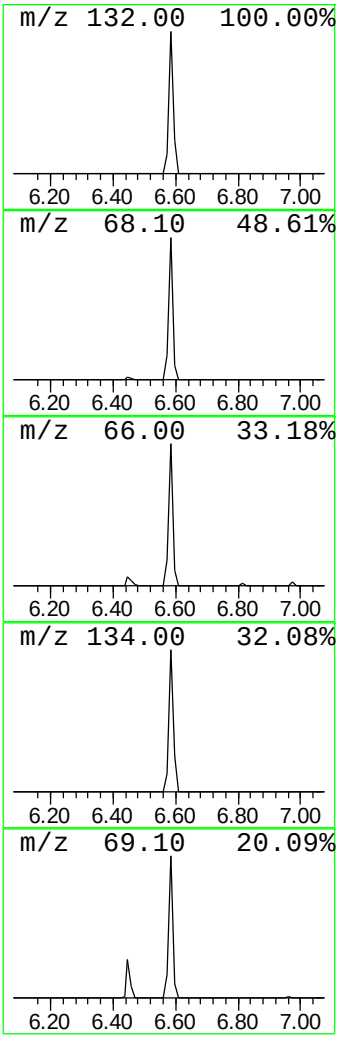
****

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	45.56 ng	2086100	1,4-Dichlorobenzene-d4	6.81

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	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : H5917-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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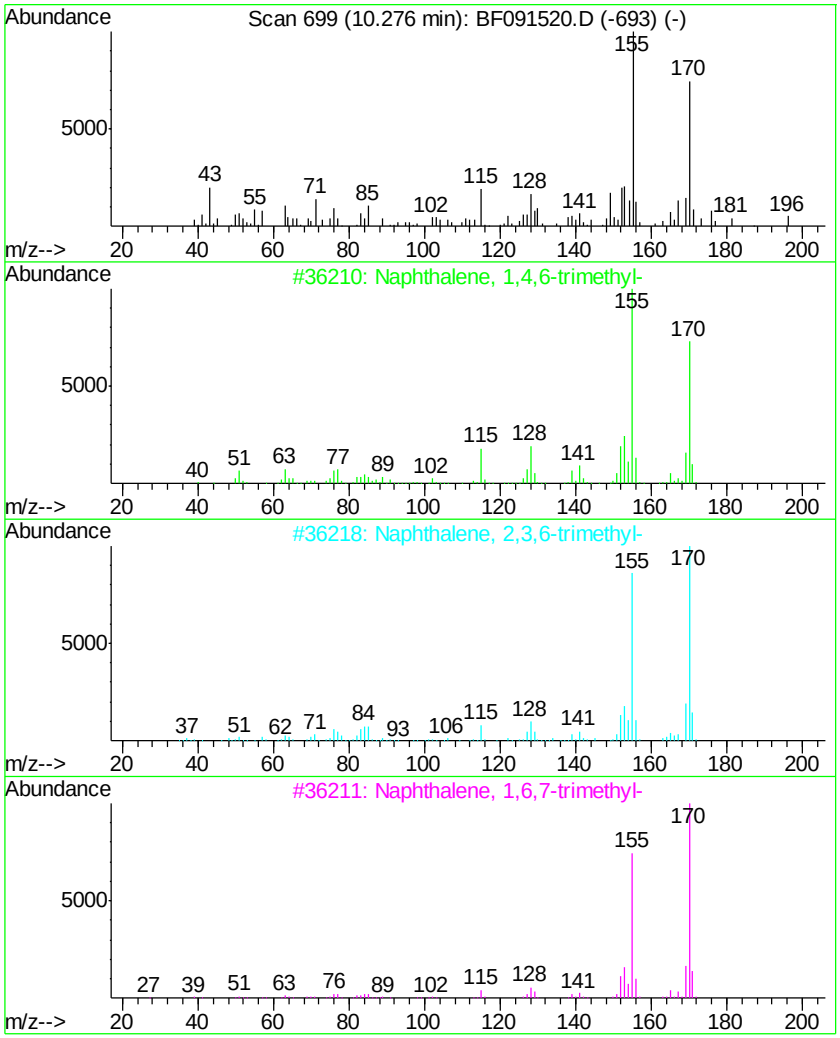
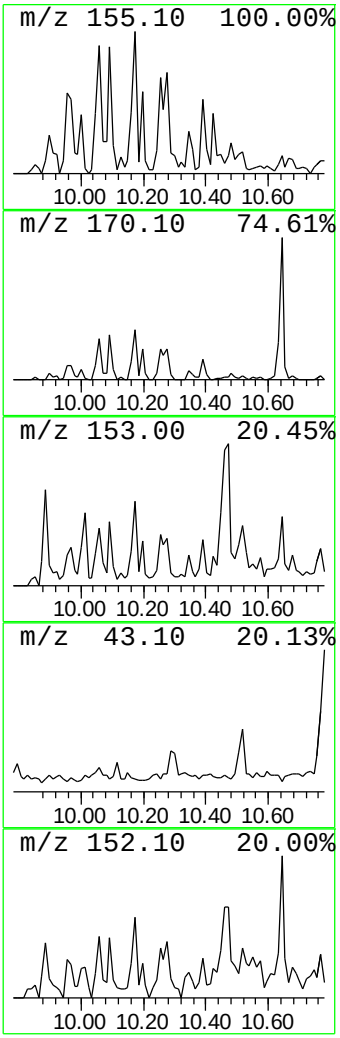
Peak Number 4 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.19 ng	208885	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	92
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	72





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Sample : H5917-03
Misc :
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Instrument : BNA_F
ClientSampleId : URSMW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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TIC Library : C:\DATABASE\NIST02.L
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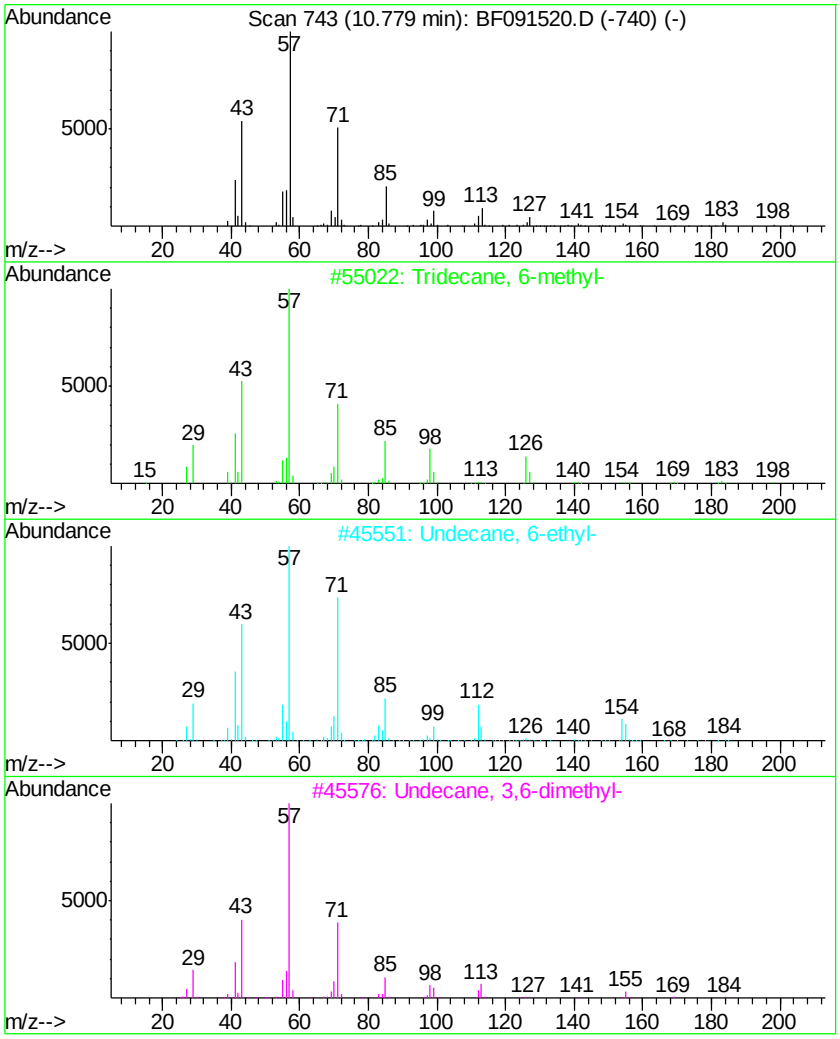
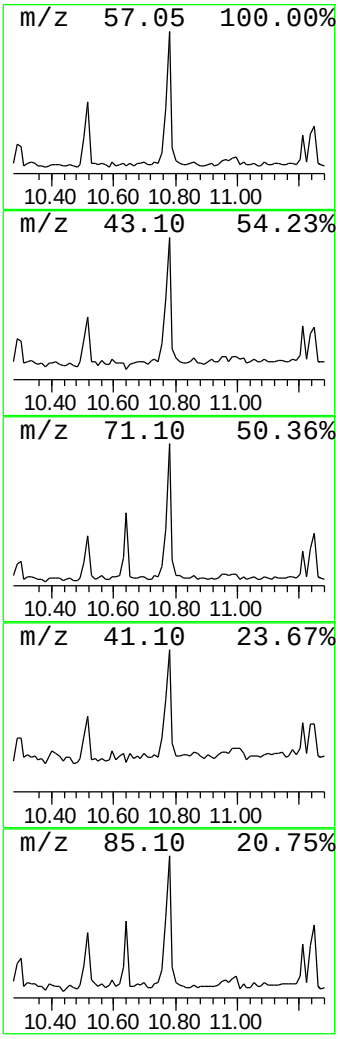
Peak Number 5 Tridecane, 6-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.97 ng	319315	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





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Instrument : BNA_F
ClientSampleId : URSMW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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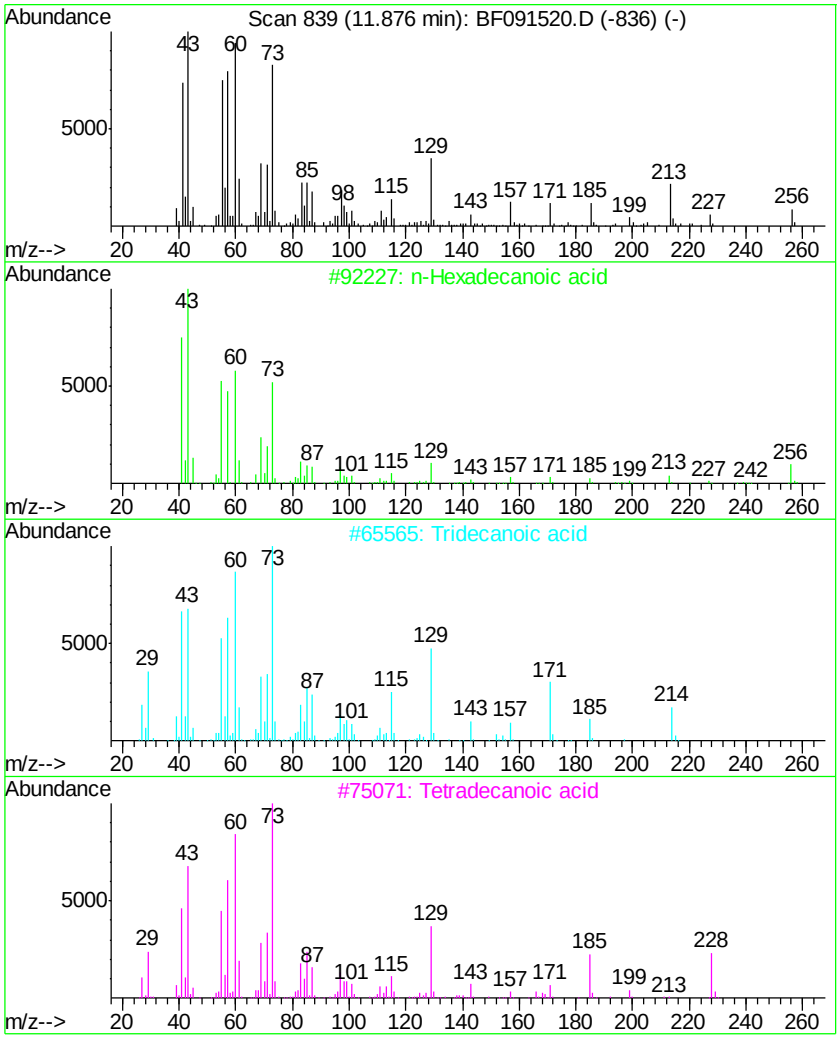
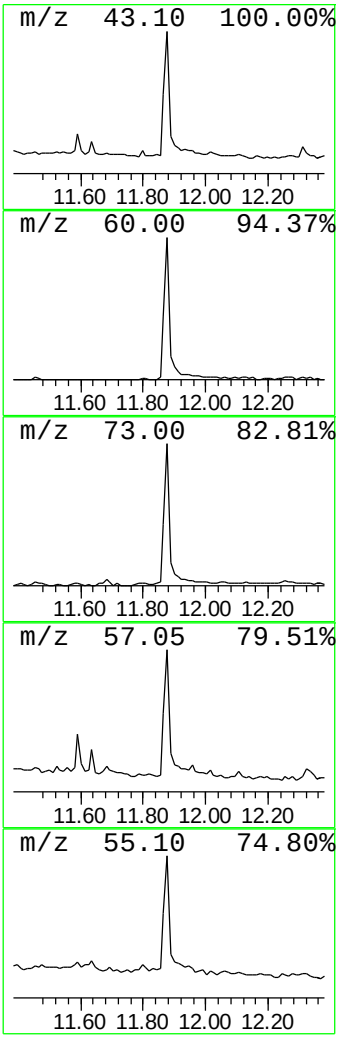
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.59 ng	386014	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	43





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Instrument : BNA_F
ClientSampleId : URSMW-09

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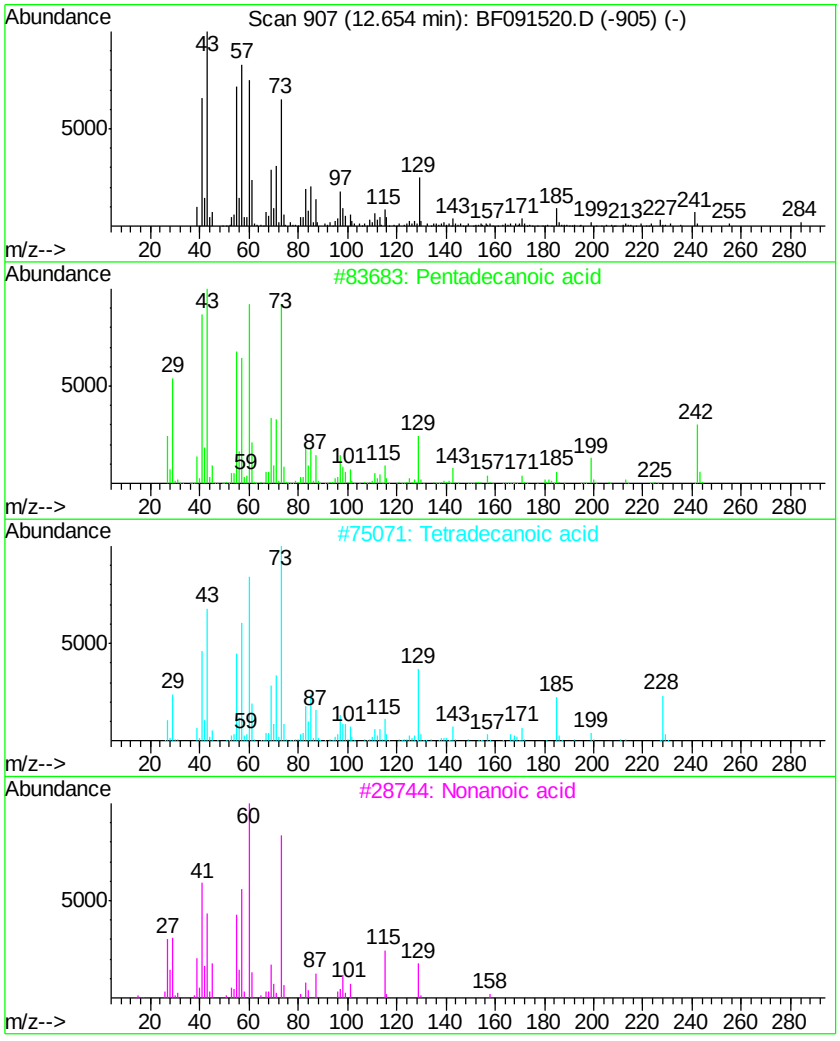
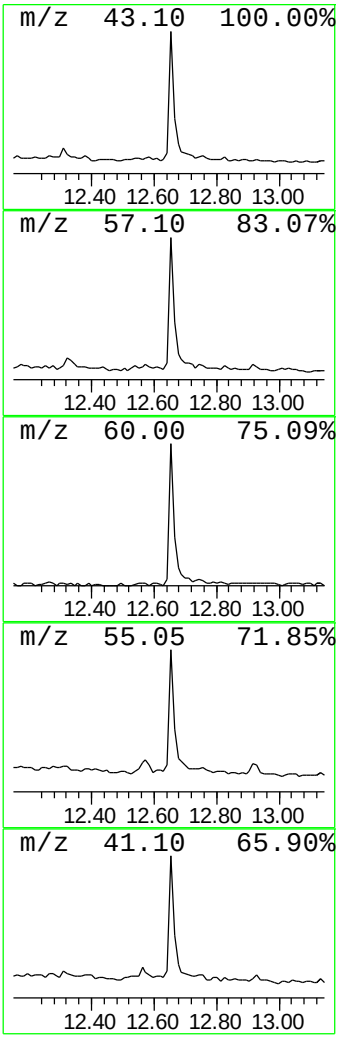
Peak Number 7 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	3.78 ng	401433	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Nonanoic acid	158	C9H18O2	000112-05-0	49
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	25





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.98	6.7	ng	308100	1	6.81	915784	20.0
unknown6.58	6.58	45.6	ng	2086100	1	6.81	915784	20.0
Naphthalene, 1,4,...	10.28	2.2	ng	208885	3	9.85	1905200	20.0
Tridecane, 6-methyl-	10.78	3.0	ng	319315	4	11.34	2151320	20.0
n-Hexadecanoic acid	11.88	3.6	ng	386014	4	11.34	2151320	20.0
Pentadecanoic acid	12.65	3.8	ng	401433	5	13.97	2123870	20.0