LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078233.D
Acq On : 3 Apr 2015 8:52
Operator : TP/IZ
Sample : G1731-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

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-BF040115.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	1.184	23	26	28	rVB	190680	244101	19.43%	1.673%
2	1.298	32	36	39	rVB	110227	180659	14.38%	1.238%
3	1.447	47	49	52	rVB	68455	88684	7.06%	0.608%
4	1.595	61	62	70	rVV	47716	91169	7.26%	0.625%
5	1.710	70	72	102	rVB	430275	775737	61.76%	5.317%
6	4.750	335	338	342	rBV	57077	85818	6.83%	0.588%
7	5.321	386	388	394	rBV	622070	706438	56.24%	4.842%
8	6.636	500	503	510	rBV	733487	742121	59.08%	5.086%
9	6.739	510	512	515	rBV	550291	766704	61.04%	5.255%
10	7.024	534	537	539	rBV	207966	278722	22.19%	1.910%
11	7.207	551	553	555	rVB	617811	606741	48.30%	4.158%
12	7.722	595	598	600	rBV	403668	452489	36.02%	3.101%
13	8.590	672	674	677	rBV	285181	383837	30.56%	2.631%
14	9.939	790	792	795	rBV	699045	887693	70.67%	6.084%
15	10.453	835	837	840	rBV	66134	61301	4.88%	0.420%
16	10.579	843	848	856	rVB	57632	85133	6.78%	0.583%
17	10.762	860	864	867	rBV	474369	469984	37.42%	3.221%
18	11.356	914	916	918	rBV	14149	12922	1.03%	0.089%
19	11.745	947	950	952	rBV	481320	512337	40.79%	3.511%
20	11.825	955	957	965	rVB	61150	89758	7.15%	0.615%
21	11.951	965	968	970	rBV	17898	27754	2.21%	0.190%
22	12.008	972	973	975	rBV	14167	16893	1.34%	0.116%
23	12.054	975	977	979	rVV2	17065	19327	1.54%	0.132%
24	12.179	985	988	991	rBV2	7984	20536	1.63%	0.141%
25	12.225	991	992	995	rVB2	11122	14265	1.14%	0.098%
26	12.282	995	997	1000	rBV	15243	23224	1.85%	0.159%
27	12.351	1002	1003	1006	rVB	31375	30617	2.44%	0.210%
28	12.591	1022	1024	1027	rBV	339727	459153	36.55%	3.147%
29	12.888	1049	1050	1053	rBV	21955	29488	2.35%	0.202%
30	12.968	1054	1057	1059	rVB4	7335	13810	1.10%	0.095%
31	13.334	1086	1089	1091	rBV2	21040	37585	2.99%	0.258%
32	13.379	1091	1093	1094	rVV	13638	13708	1.09%	0.094%
33	13.414	1094	1096	1100	rVB3	31926	49368	3.93%	0.338%
34	13.482	1100	1102	1104	rVB2	14983	22563	1.80%	0.155%

LSC Area Percent Report

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Operator : TP/IZ
Sample : G1731-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.539	1104	1107	1108	rBV2	15693	31312	2.49%	0.215%
36	13.642	1114	1116	1118	rVB3	19350	34750	2.77%	0.238%
37	13.688	1118	1120	1123	rVB	15350	21989	1.75%	0.151%
38	13.745	1123	1125	1130	rVB6	7356	17314	1.38%	0.119%
39	13.905	1137	1139	1141	rVB	24547	24377	1.94%	0.167%
40	14.099	1154	1156	1161	rBV5	12137	30077	2.39%	0.206%
41	14.225	1165	1167	1170	rVV4	10769	25757	2.05%	0.177%
42	14.317	1173	1175	1177	rVV2	14863	28705	2.29%	0.197%
43	14.374	1178	1180	1182	rVV	30701	42116	3.35%	0.289%
44	14.431	1182	1185	1187	rVV2	25045	36168	2.88%	0.248%
45	14.591	1196	1199	1202	rVB	1017081	1015325	80.83%	6.959%
46	14.671	1202	1206	1208	rBV5	13298	28810	2.29%	0.197%
47	14.762	1208	1214	1215	rBV4	29171	82430	6.56%	0.565%
48	14.911	1225	1227	1228	rBV	18935	20999	1.67%	0.144%
49	14.980	1231	1233	1235	rVB2	25985	29269	2.33%	0.201%
50	15.311	1260	1262	1264	rBV2	25619	35653	2.84%	0.244%
51	15.768	1300	1302	1306	rBV2	143545	229554	18.28%	1.573%
52	15.871	1309	1311	1316	rVB	507022	557147	44.36%	3.818%
53	16.408	1351	1358	1365	rBV	226757	839520	66.84%	5.754%
54	16.934	1402	1404	1405	rBV	93626	130175	10.36%	0.892%
55	17.597	1455	1462	1463	rBV	604226	1256105	100.00%	8.609%
56	17.631	1463	1465	1473	rVB	362784	976712	77.76%	6.694%
57	20.626	1723	1727	1736	rVB3	171254	796002	63.37%	5.455%

Sum of corrected areas: 14590905

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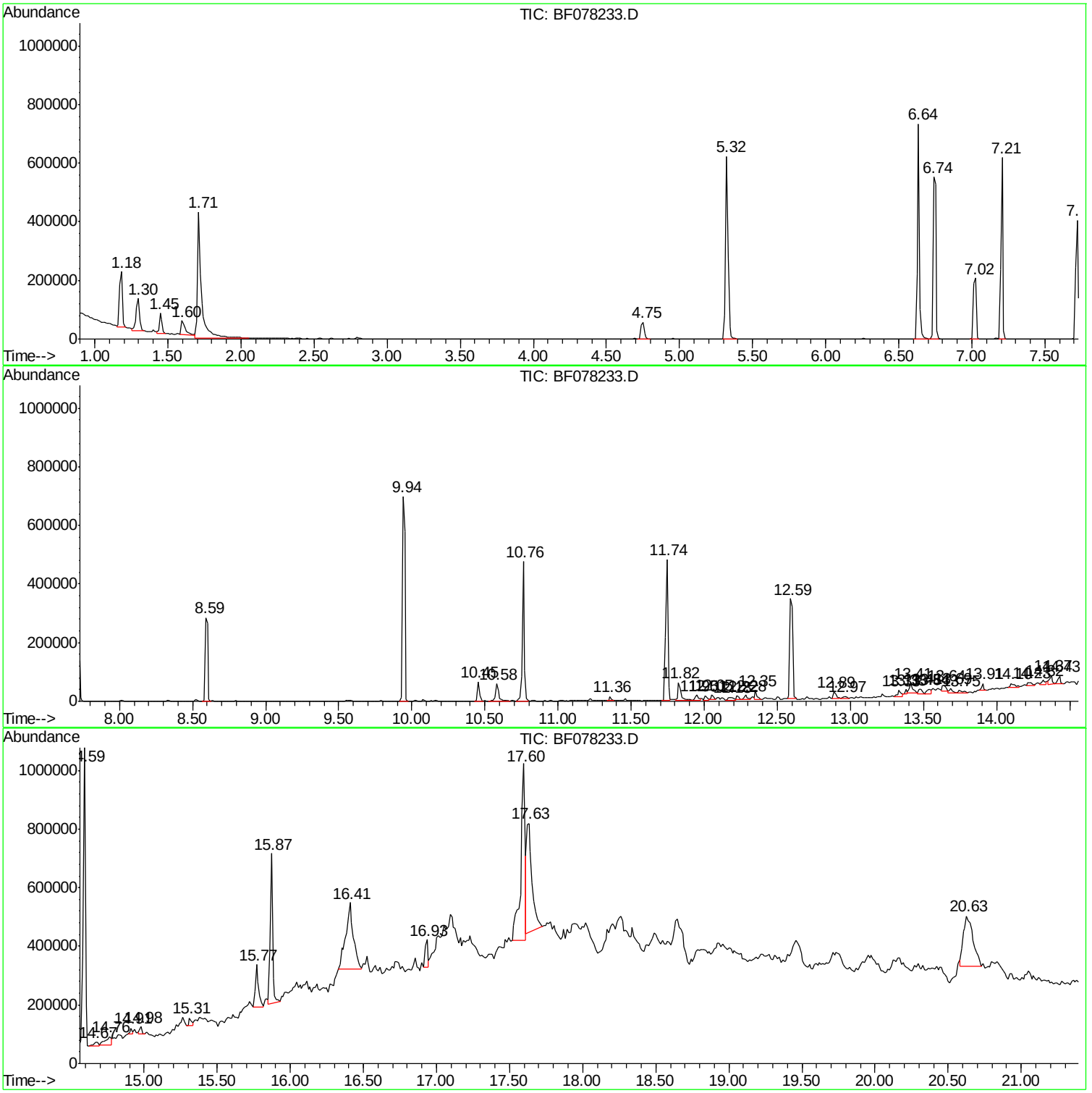
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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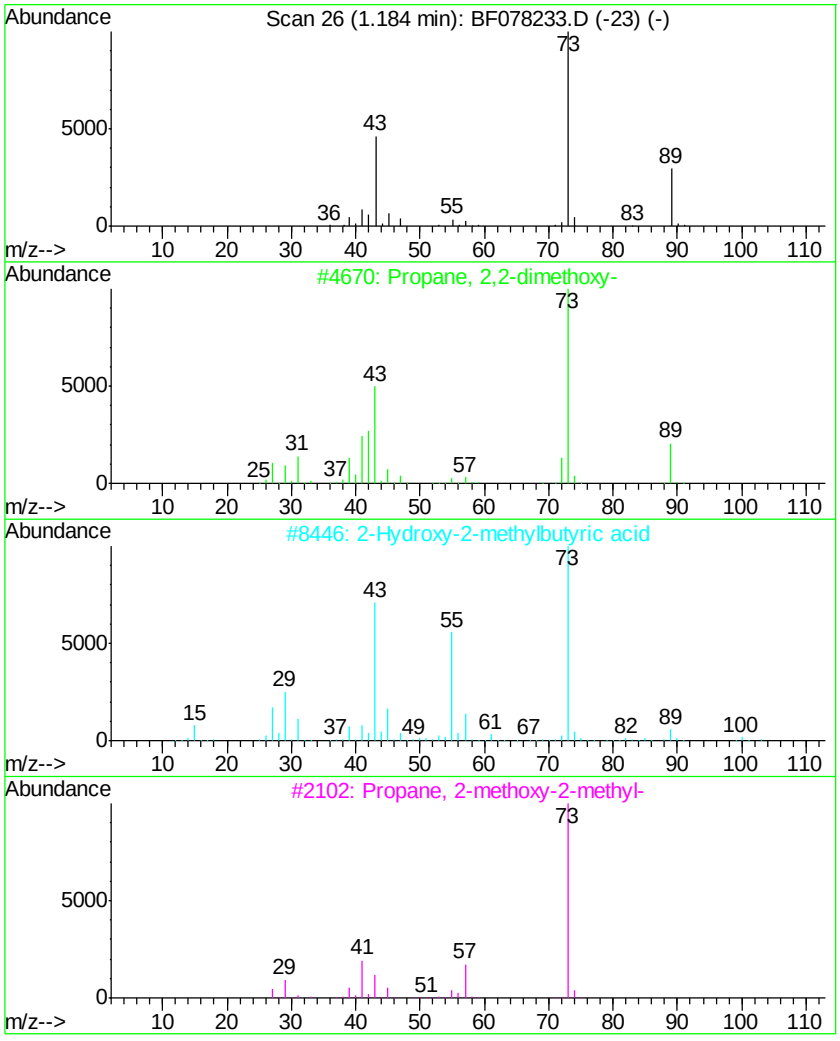
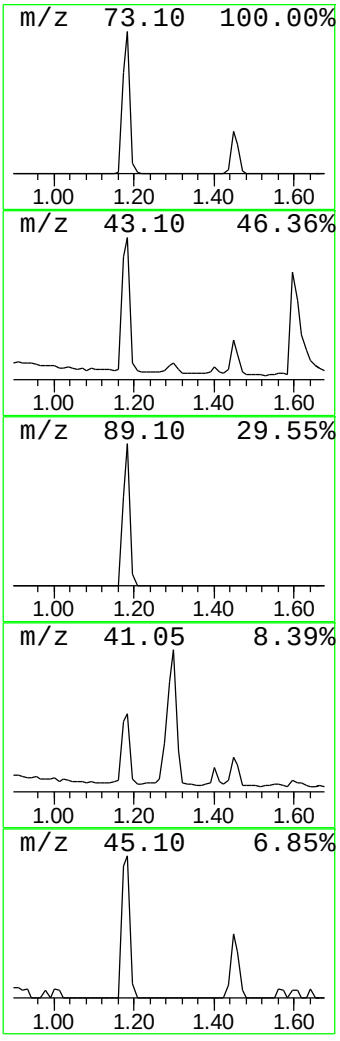
****

Peak Number 1 unknown1.18 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	17.52 ng	244101	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





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Data File : BF078233.D
Acq On : 3 Apr 2015 8:52
Operator : TP/IZ
Sample : G1731-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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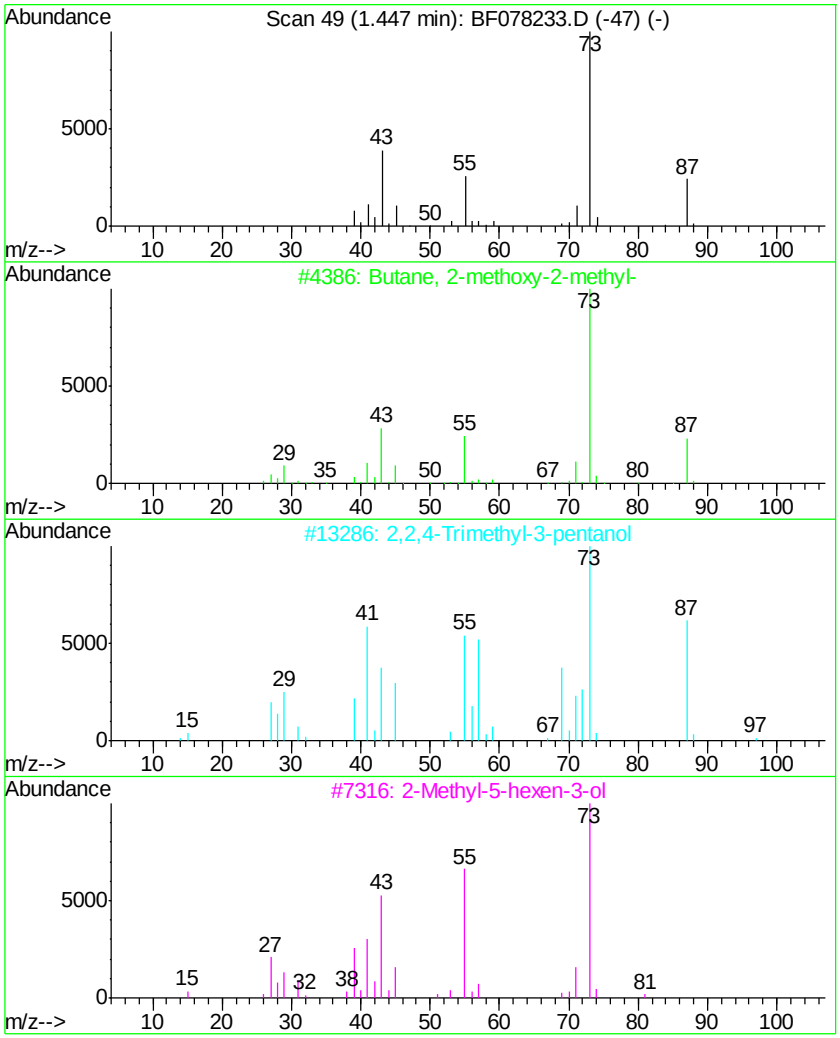
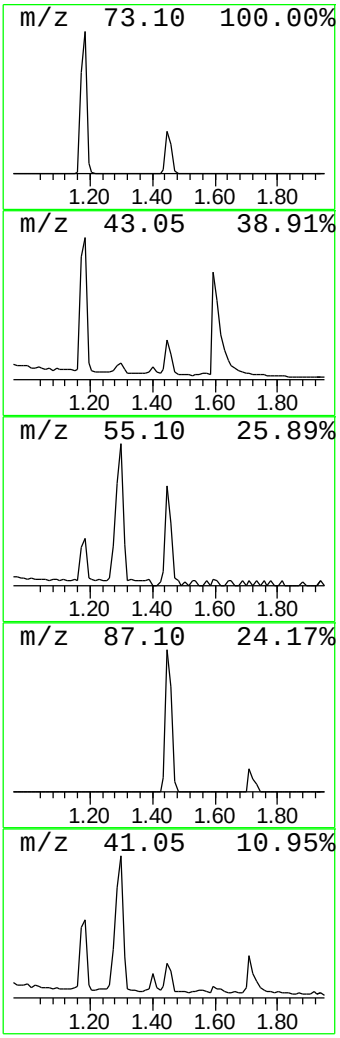
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.45	6.36 ng	88684	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
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Acq On : 3 Apr 2015 8:52
Operator : TP/IZ
Sample : G1731-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

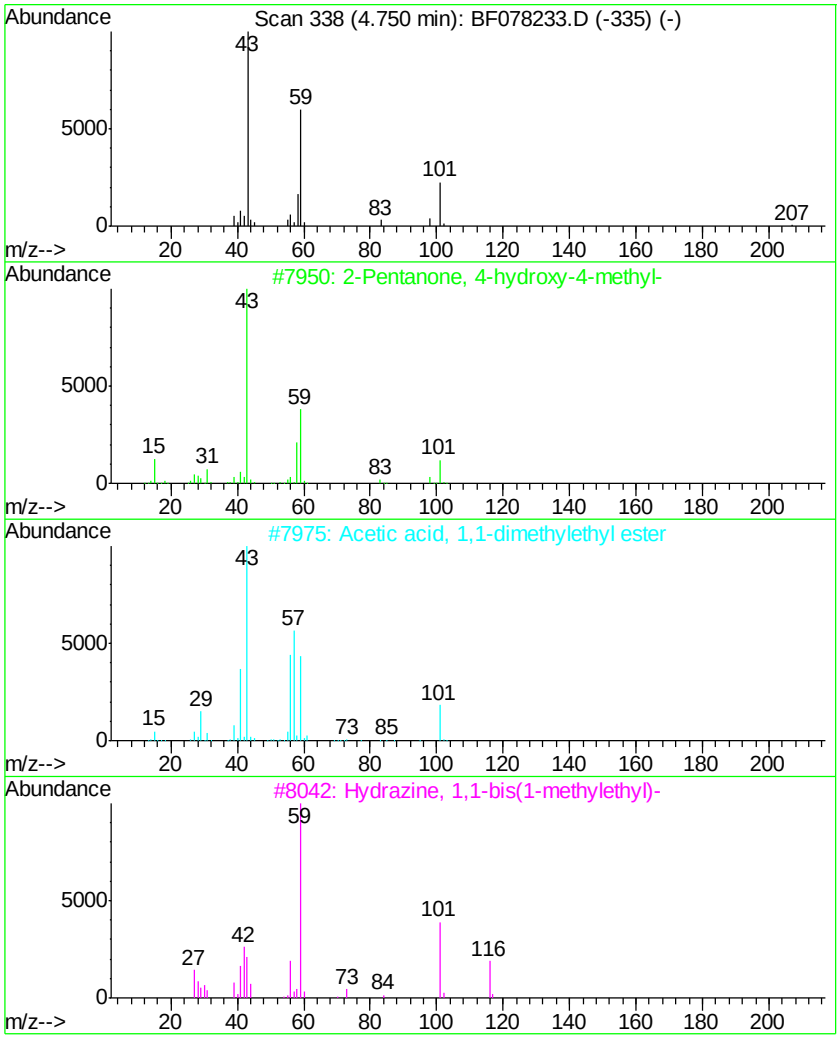
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

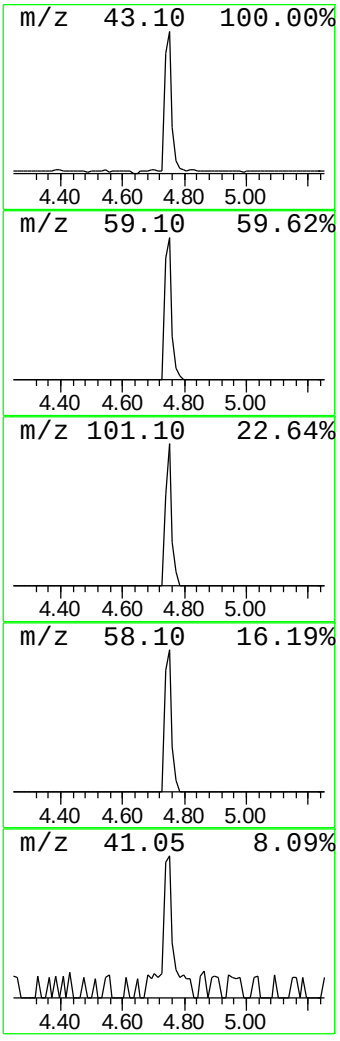
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	6.16 ng	85818	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
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Sample : G1731-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

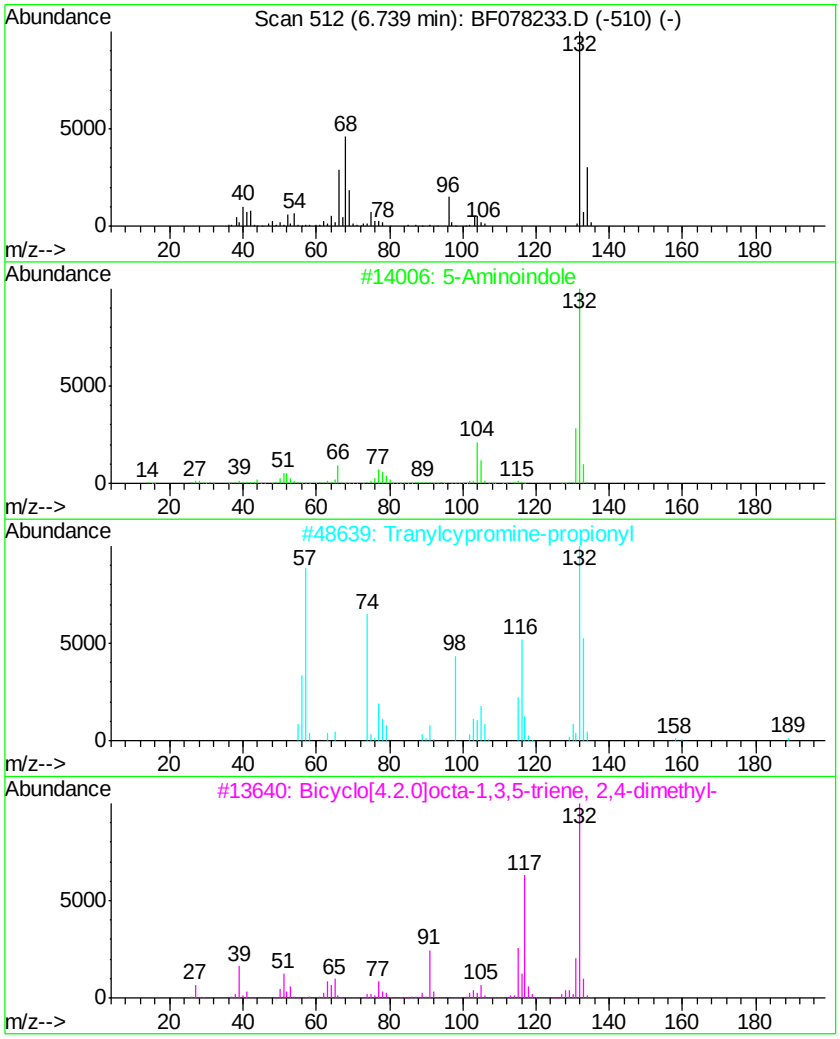
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

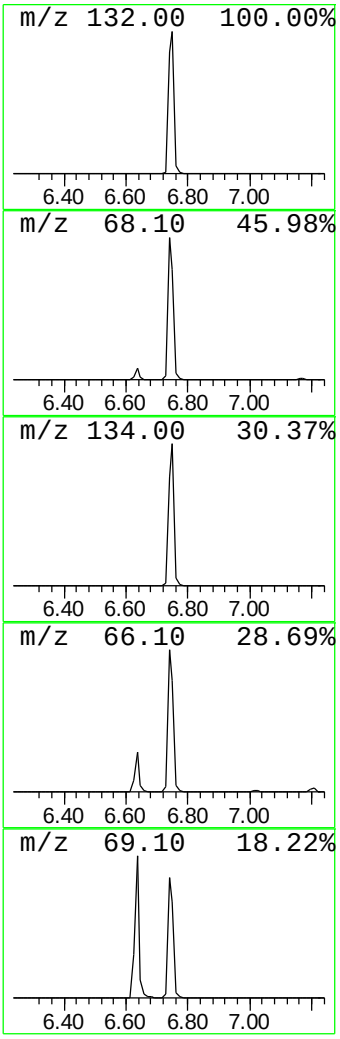
****

Peak Number 7 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	55.02 ng	766704	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
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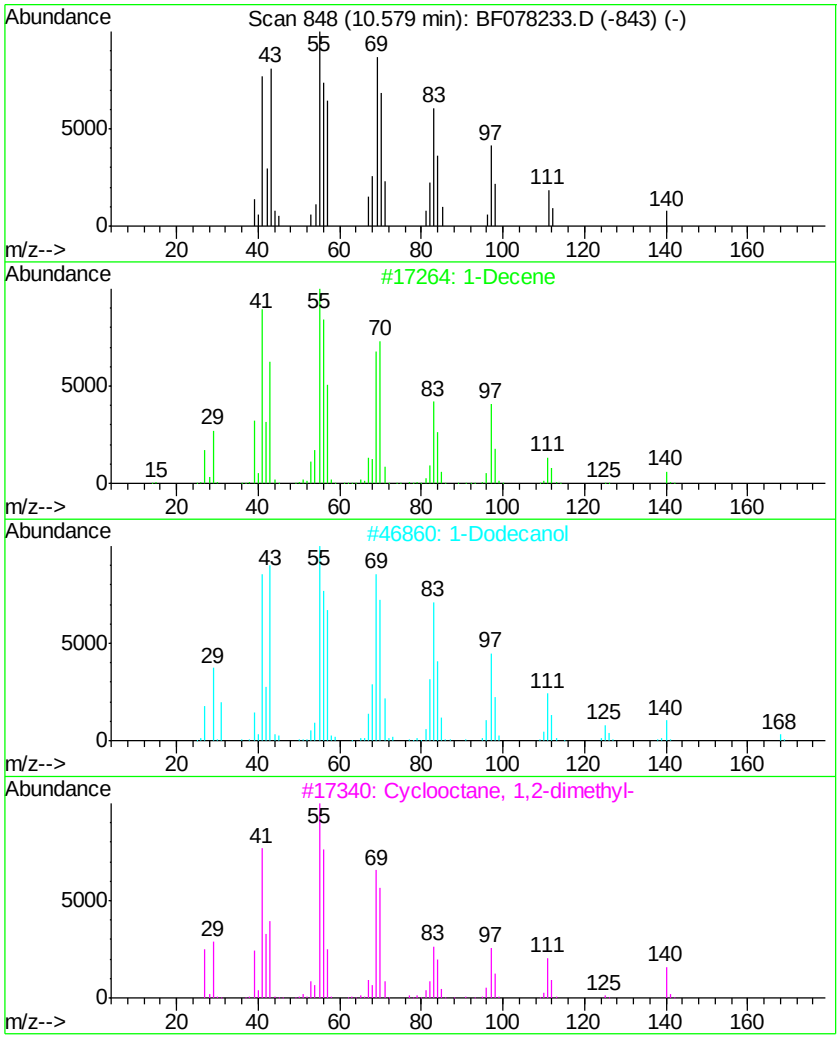
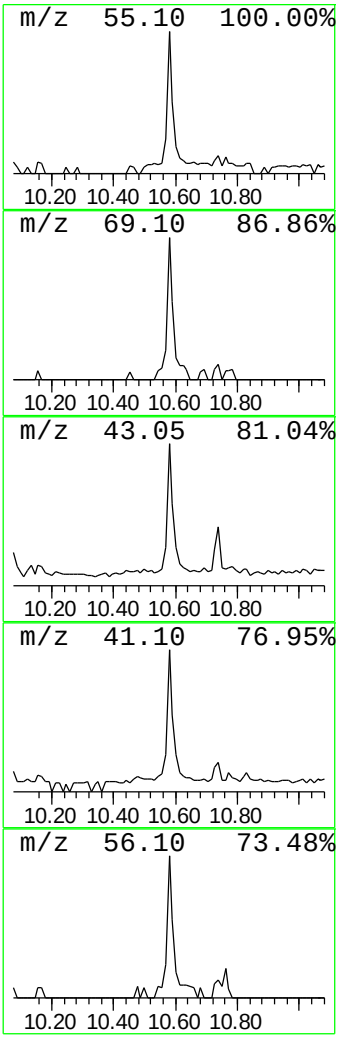
Peak Number 9 1-Decene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	3.62 ng	85133	Acenaphthene-d10	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	97
2	1-Dodecanol	186	C12H26O	000112-53-8	91
3	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	83
4	Cyclopropane, nonyl-	168	C12H24	074663-85-7	80
5	1-Dodecene	168	C12H24	000112-41-4	64





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TIC Library : C:\DATABASE\NIST02.L
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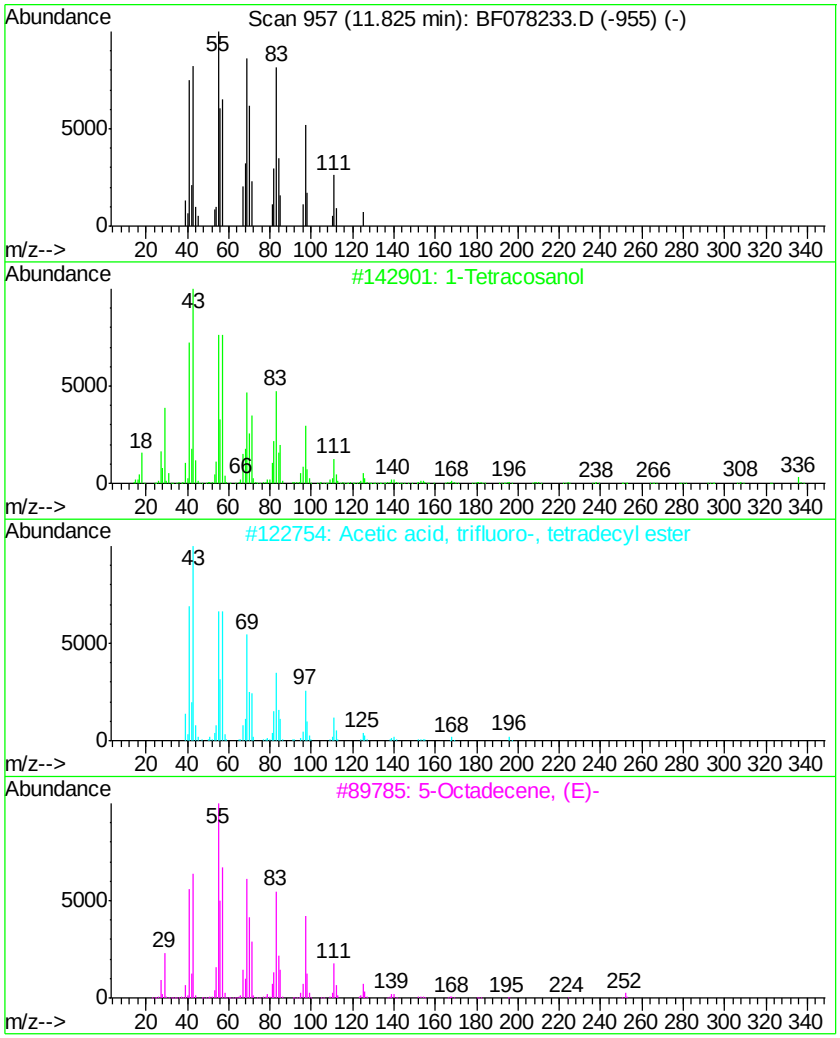
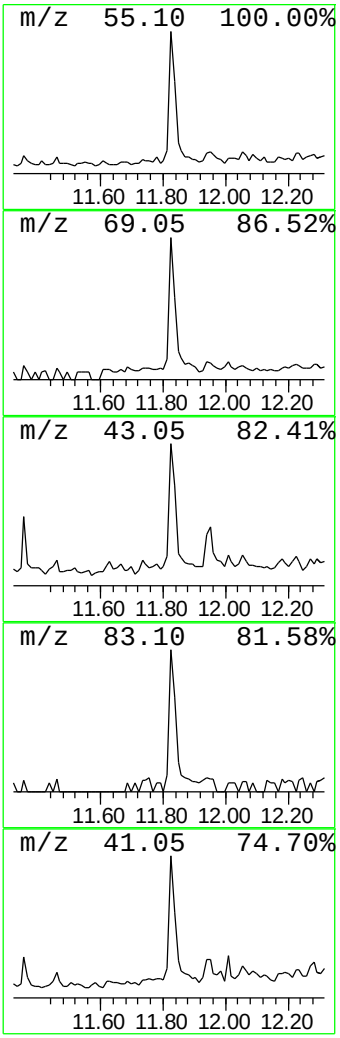
Peak Number 10 1-Tetracosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.91 ng	89758	Phenanthrene-d10	12.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosanol	354	C24H50O	000506-51-4	86
2	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	83
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	80
4	1-Hexacosanol	382	C26H54O	000506-52-5	72
5	1-Tridecene	182	C13H26	002437-56-1	64





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Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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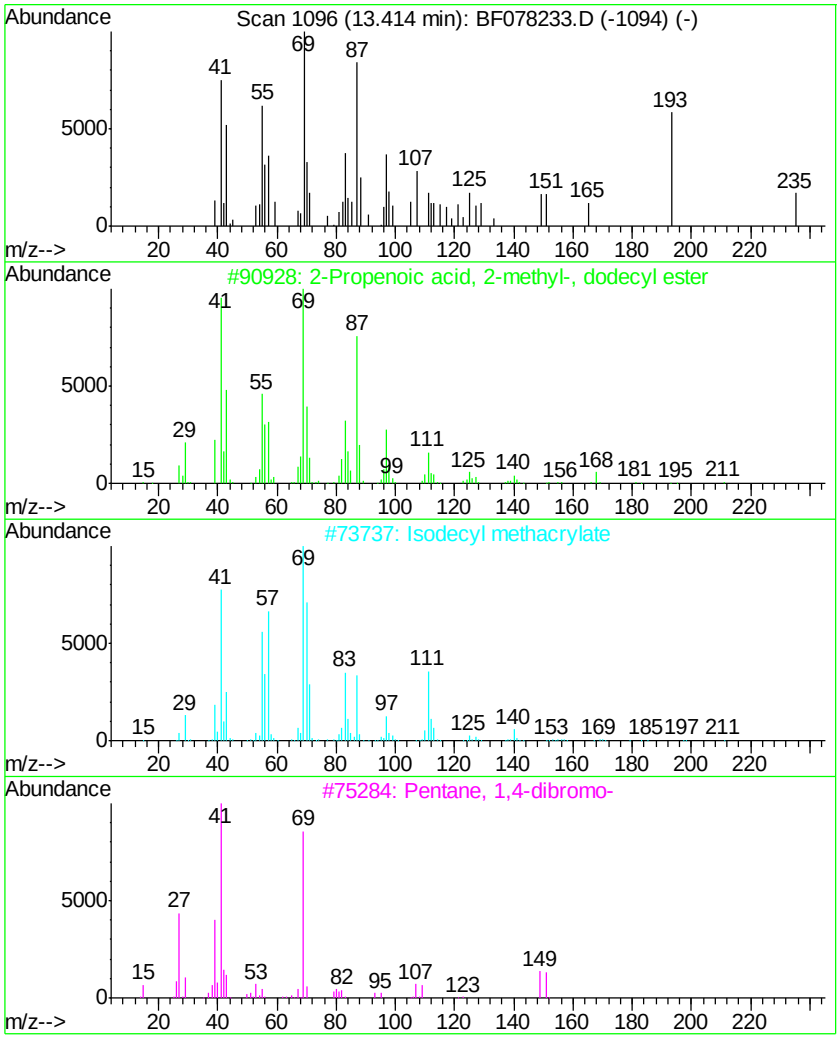
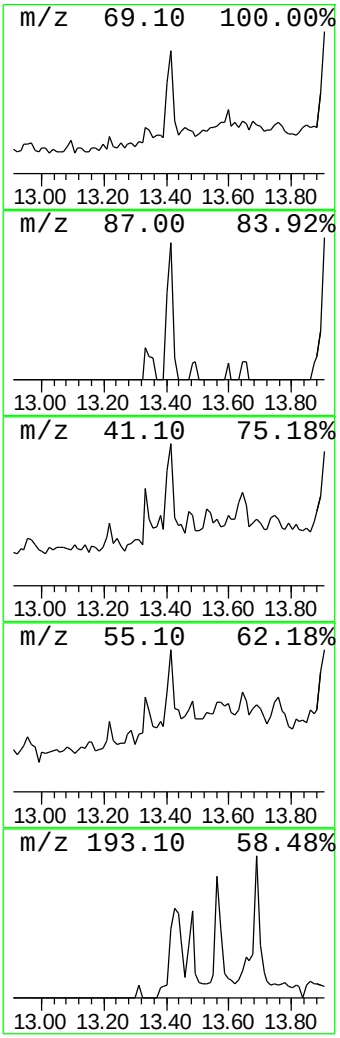
Peak Number 11 2-Propenoic acid, 2-methyl-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.15 ng	49368	Phenanthrene-d10	12.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, dod...	254	C16H30O2	000142-90-5	52
2	Isodecyl methacrylate	226	C14H26O2	029964-84-9	22
3	Pentane, 1,4-dibromo-	228	C5H10Br2	000626-87-9	22
4	3-Cyclopropylcarbonyloxydodecane	254	C16H30O2	1000245-58-1	22
5	Pentanoic acid, 4-methyl-4-nitro...	175	C7H13NO4	016507-02-1	22





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Data File : BF078233.D
Acq On : 3 Apr 2015 8:52
Operator : TP/IZ
Sample : G1731-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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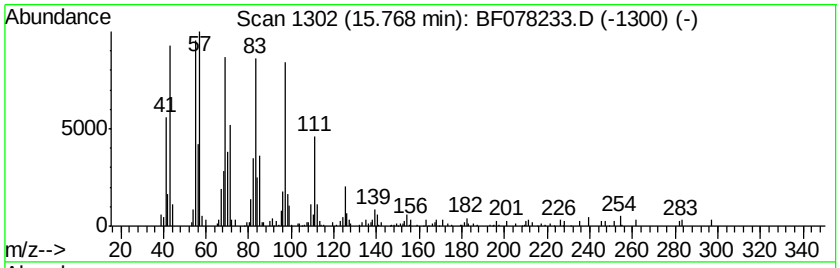
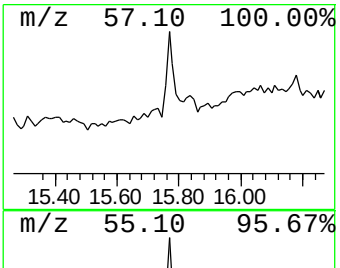
Peak Number 13 Trichloroacetic acid, hexad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	8.24 ng	229554	Chrysene-d12	15.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
3	1-Octadecanol	270	C18H38O	000112-92-5	87
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078233.D
Acq On : 3 Apr 2015 8:52
Operator : TP/IZ
Sample : G1731-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

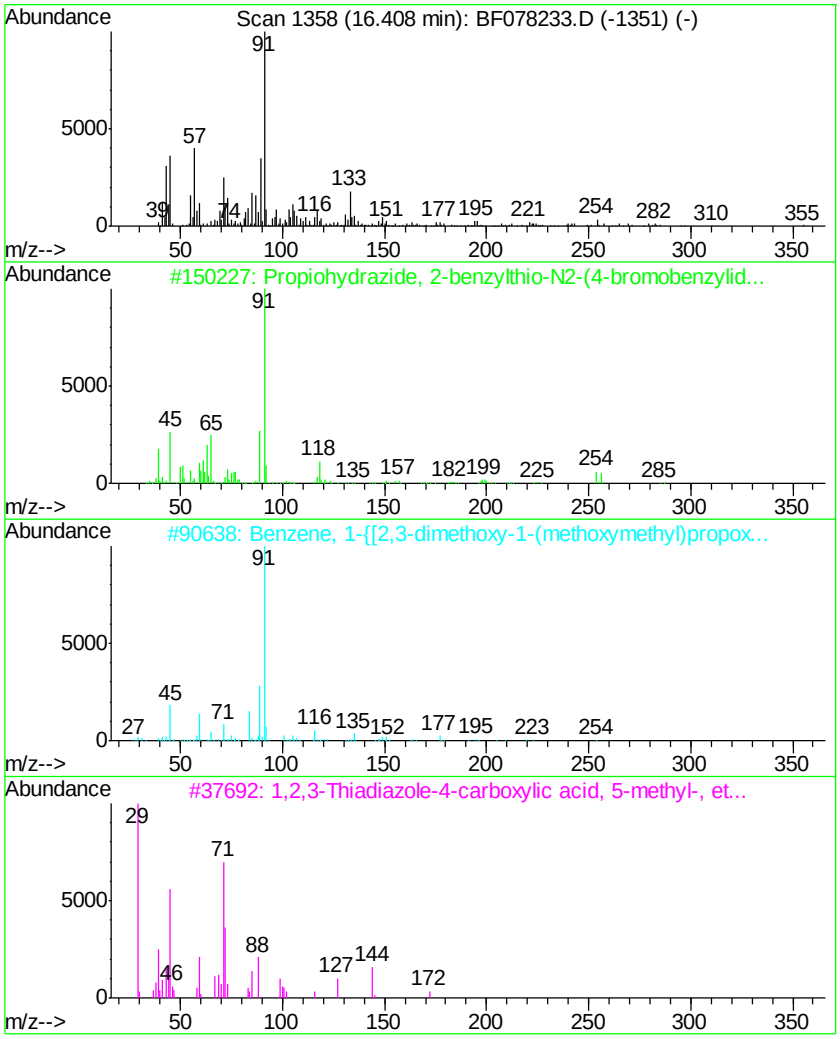
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

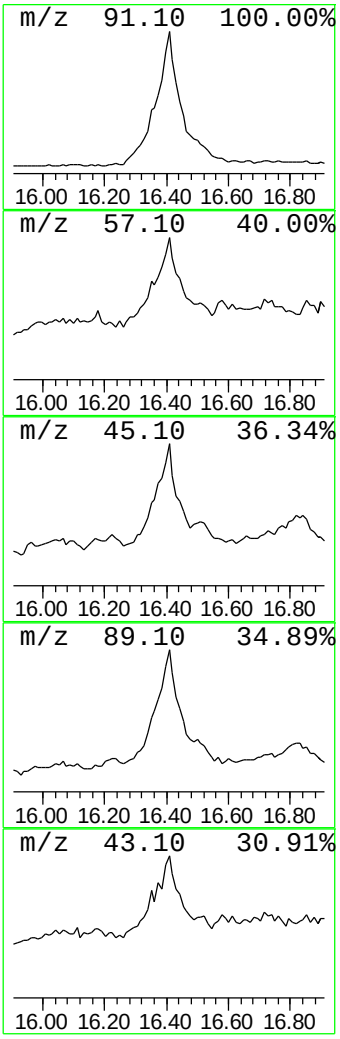
****

Peak Number 14 unknown16.41 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	30.14 ng	839520	Chrysene-d12	15.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propiohydrazide, 2-benzylthio-N2...	376	C17H17BrN2OS	1000296-39-3	25
2	Benzene, 1-{[2,3-dimethoxy-1-(me...	254	C14H22O4	1000196-69-9	16
3	1,2,3-Thiadiazole-4-carboxylic a...	172	C6H8N2O2S	029682-53-9	12
4	Silane, triethyl(3-phenylpropoxy)-	250	C15H26OSi	002290-40-6	12
5	1-Heptadecanamine	255	C17H37N	004200-95-7	12





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Sample : G1731-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

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

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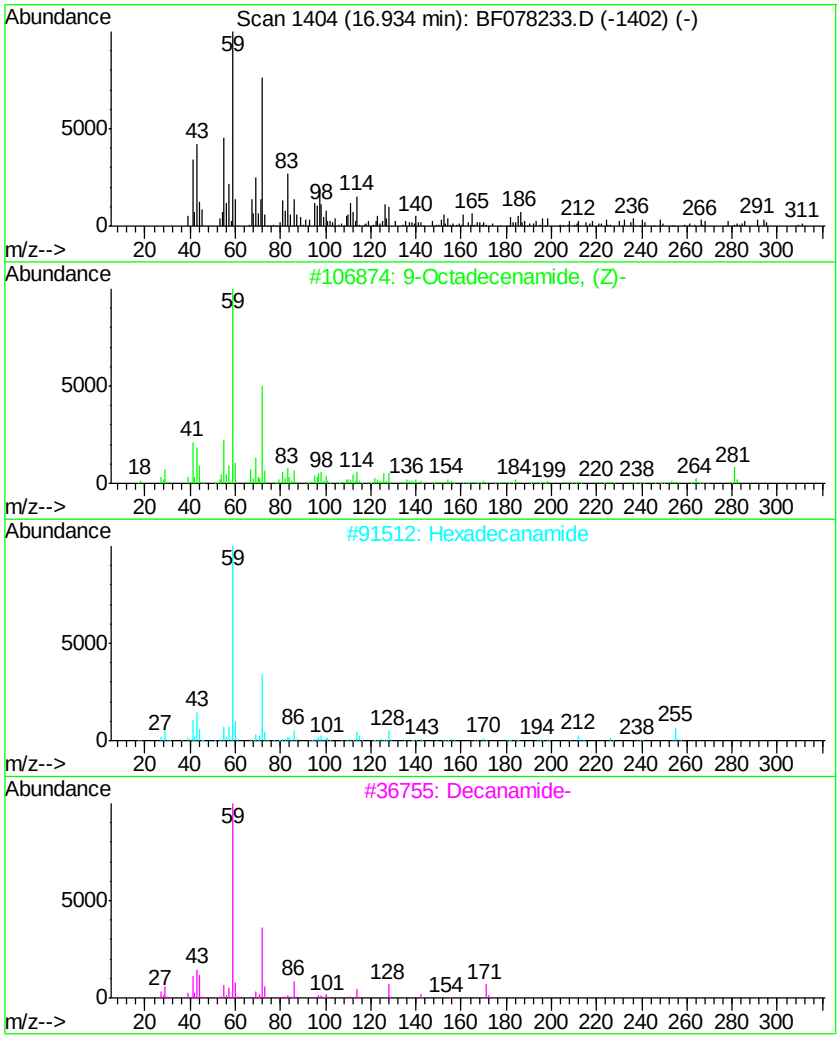
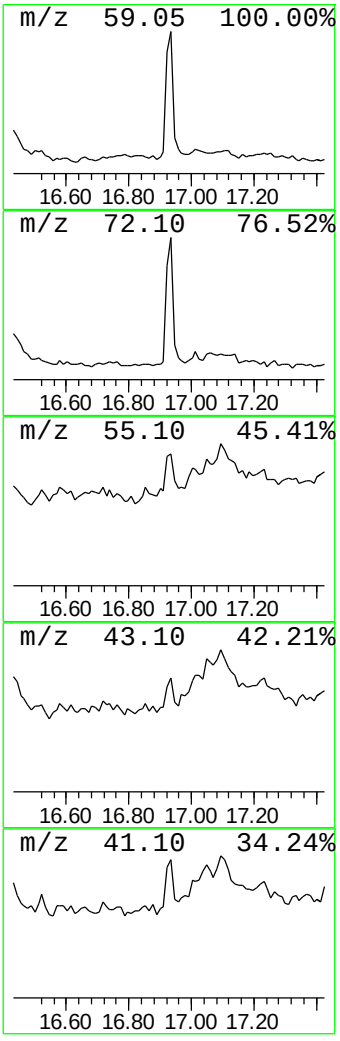
Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	2.07 ng	130175	Perylene-d12	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50
2	Hexadecanamide	255	C16H33NO	000629-54-9	38
3	Decanamide-	171	C10H21NO	002319-29-1	38
4	3-Hexadecanone	240	C16H32O	018787-64-9	38
5	Butanal, oxime	87	C4H9NO	000110-69-0	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078233.D
Acq On : 3 Apr 2015 8:52
Operator : TP/IZ
Sample : G1731-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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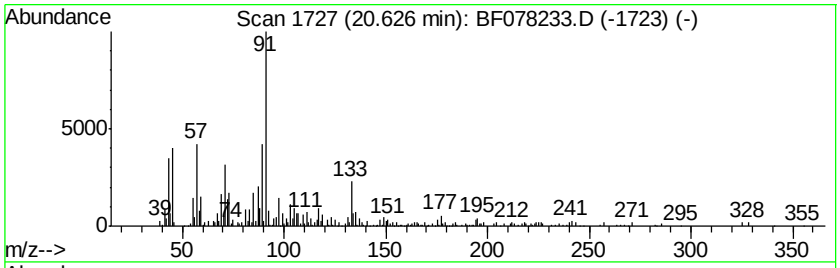
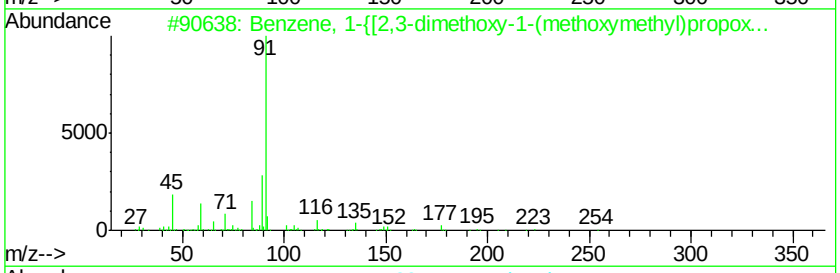
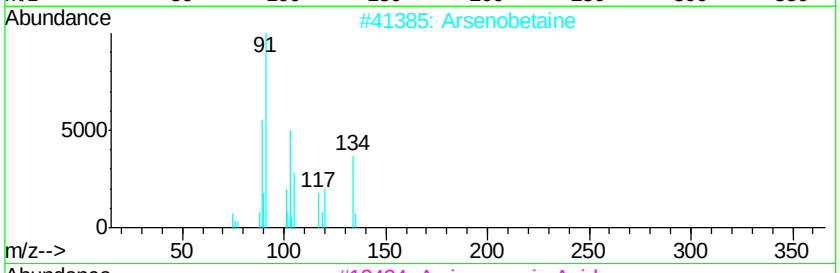
Peak Number 16 unknown20.63 Concentration Rank 7

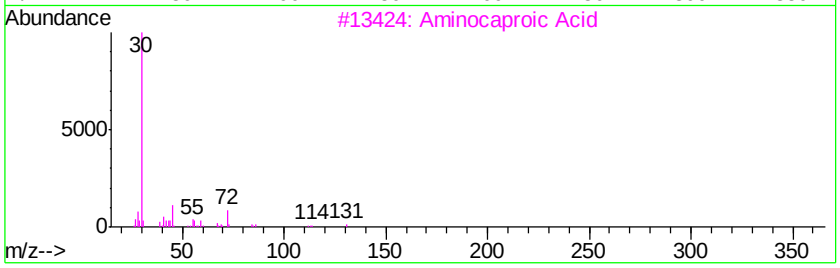
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	12.67 ng	796002	Perylene-d12	17.60

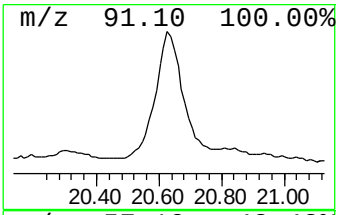
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-{[2,3-dimethoxy-1-(me...	254	C14H22O4	1000196-69-9	27
2	Arsenobetaine	178	C5H11AsO2	064436-13-1	17
3	Aminocaproic Acid	131	C6H13NO2	000060-32-2	10
4	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	10
5	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	10

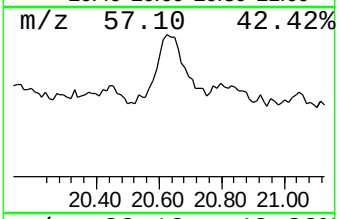


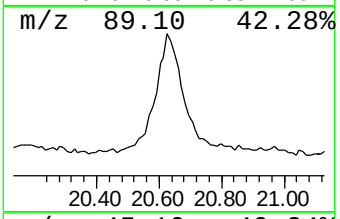


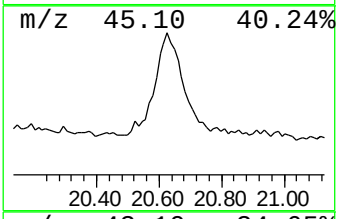


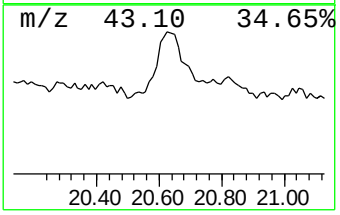












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
Data File : BF078233.D
Acq On : 3 Apr 2015 8:52
Operator : TP/IZ
Sample : G1731-04
Misc :
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Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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
unknown1.18	1.18	17.5	ng	244101	1	7.02	278722	20.0
Butane, 2-methoxy...	1.45	6.4	ng	88684	1	7.02	278722	20.0
2-Pentanone, 4-hy...	4.75	6.2	ng	85818	1	7.02	278722	20.0
unknown6.74	6.74	55.0	ng	766704	1	7.02	278722	20.0
1-Decene	10.58	3.6	ng	85133	3	10.76	469984	20.0
1-Tetracosanol	11.82	3.9	ng	89758	4	12.60	459153	20.0
2-Propenoic acid,...	13.41	2.1	ng	49368	4	12.60	459153	20.0
Trichloroacetic a...	15.77	8.2	ng	229554	5	15.87	557147	20.0
unknown16.41	16.41	30.1	ng	839520	5	15.87	557147	20.0
9-Octadecenamide,...	16.93	2.1	ng	130175	6	17.60	1256110	20.0
unknown20.63	20.63	12.7	ng	796002	6	17.60	1256110	20.0