LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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-BF112115.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	4.776	241	244	247	rBV	922982	1391723	4.66%	0.493%
2	5.244	283	285	292	rBV	2244850	3018442	10.10%	1.070%
3	5.382	296	297	301	rVB2	452946	501037	1.68%	0.178%
4	5.450	301	303	305	rBV	337456	374422	1.25%	0.133%
5	5.496	305	307	308	rBV	328346	357308	1.20%	0.127%
6	5.519	308	309	315	rVB2	364612	508108	1.70%	0.180%
7	5.656	315	321	328	rBV2	414972	712680	2.38%	0.253%
8	5.953	345	347	352	rVB2	257278	390870	1.31%	0.139%
9	6.044	352	355	357	rBV	223738	325086	1.09%	0.115%
10	6.136	361	363	367	rBV	637525	800548	2.68%	0.284%
11	6.204	367	369	371	rBV2	290368	319706	1.07%	0.113%
12	6.284	371	376	378	rBV	3172253	4671874	15.63%	1.656%
13	6.342	378	381	383	rVB	1519615	2167919	7.25%	0.769%
14	6.422	386	388	391	rBV	4406205	5136473	17.19%	1.821%
15	6.513	395	396	399	rBV	377158	589182	1.97%	0.209%
16	6.570	399	401	402	rBV	377332	340466	1.14%	0.121%
17	6.604	402	404	405	rBV	731219	950803	3.18%	0.337%
18	6.639	405	407	408	rBV2	1498416	1670749	5.59%	0.592%
19	6.799	419	421	424	rBV	4741432	5147242	17.22%	1.825%
20	6.856	424	426	432	rVB3	942075	1604653	5.37%	0.569%
21	6.993	435	438	441	rVB3	737737	1397765	4.68%	0.496%
22	7.073	441	445	446	rBV	1226931	1959981	6.56%	0.695%
23	7.107	446	448	450	rBV3	197817	303585	1.02%	0.108%
24	7.176	450	454	455	rBV	3085542	3928158	13.14%	1.393%
25	7.222	455	458	459	rVB	2878255	3430251	11.48%	1.216%
26	7.245	459	460	461	rBV	409163	449077	1.50%	0.159%
27	7.336	461	468	473	rVB4	2678770	13045449	43.65%	4.625%
28	7.427	473	476	477	rBV2	1576888	2214194	7.41%	0.785%
29	7.485	477	481	484	rVB3	1369563	4099777	13.72%	1.454%
30	7.565	486	488	490	rVB	2566720	3156229	10.56%	1.119%
31	7.622	490	493	494	rBV	2216228	3936837	13.17%	1.396%
32	7.656	494	496	501	rVB5	2632751	6268869	20.97%	2.223%
33	7.736	501	503	505	rBV	1197361	1679219	5.62%	0.595%
34	7.770	505	506	508	rBV	1953194	2087664	6.98%	0.740%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.816	508	510	512	rVB3	2372715	2943886	9.85%	1.044%
36	7.873	512	515	517	rBV4	797430	2037942	6.82%	0.723%
37	7.942	517	521	524	rBV4	3045700	5598347	18.73%	1.985%
38	8.010	524	527	530	rBV4	844722	2152323	7.20%	0.763%
39	8.125	532	537	538	rBV2	2651351	6835635	22.87%	2.424%
40	8.228	543	546	550	rVB3	2422938	4289002	14.35%	1.521%
41	8.330	550	555	557	rBV5	3520581	12114665	40.53%	4.295%
42	8.376	557	559	560	rVB	1902839	2177216	7.28%	0.772%
43	8.433	560	564	565	rBV4	1399439	3136072	10.49%	1.112%
44	8.490	567	569	572	rVB3	3926602	8817765	29.50%	3.126%
45	8.548	572	574	575	rVB	1131273	1175815	3.93%	0.417%
46	8.650	575	583	587	rBV5	6597452	29888143	100.00%	10.597%
47	8.730	588	590	591	rVB2	1208240	1477615	4.94%	0.524%
48	8.765	591	593	594	rBV2	1594324	2240711	7.50%	0.794%
49	8.890	598	604	606	rBV5	3771821	13609286	45.53%	4.825%
50	8.948	606	609	611	rBV	2622471	6064093	20.29%	2.150%
51	9.016	613	615	620	rVB2	3242153	7701907	25.77%	2.731%
52	9.370	644	646	648	rBV3	1404656	2713158	9.08%	0.962%
53	9.439	650	652	657	rVB3	3052065	8937352	29.90%	3.169%
54	9.519	657	659	661	rBV2	2316856	3896731	13.04%	1.382%
55	9.851	684	688	693	rBV5	2121451	7031957	23.53%	2.493%
56	10.319	726	729	731	rVB2	2154504	4199068	14.05%	1.489%
57	10.593	751	753	756	rBV3	1452612	3213483	10.75%	1.139%
58	10.868	775	777	781	rVB	1682710	3251408	10.88%	1.153%
59	11.096	794	797	798	rBV2	1007942	2001846	6.70%	0.710%
60	11.176	802	804	807	rBV3	1171810	2075550	6.94%	0.736%
61	11.554	836	837	842	rVB3	981135	1405623	4.70%	0.498%
62	11.759	853	855	857	rVB2	1052177	1317484	4.41%	0.467%
63	11.885	864	866	868	rVB	576043	560925	1.88%	0.199%
64	12.045	874	880	883	rBV	6109427	18519201	61.96%	6.566%
65	12.114	885	886	888	rVB2	547904	459508	1.54%	0.163%
66	12.171	888	891	893	rBV	882498	1270176	4.25%	0.450%
67	12.308	900	903	906	rVB	2388120	2882891	9.65%	1.022%
68	12.525	920	922	925	rVV	1598351	1711974	5.73%	0.607%
69	12.605	925	929	931	rVB	9649033	13398956	44.83%	4.751%
70	12.754	939	942	944	rBV	4132173	4813781	16.11%	1.707%
71	12.799	944	946	949	rVB	5073333	5164627	17.28%	1.831%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.782	1030	1032	1035	rVB	1177752	1103718	3.69%	0.391%
73	15.142	1148	1151	1154	rBV	795565	918378	3.07%	0.326%

Sum of corrected areas: 282044564

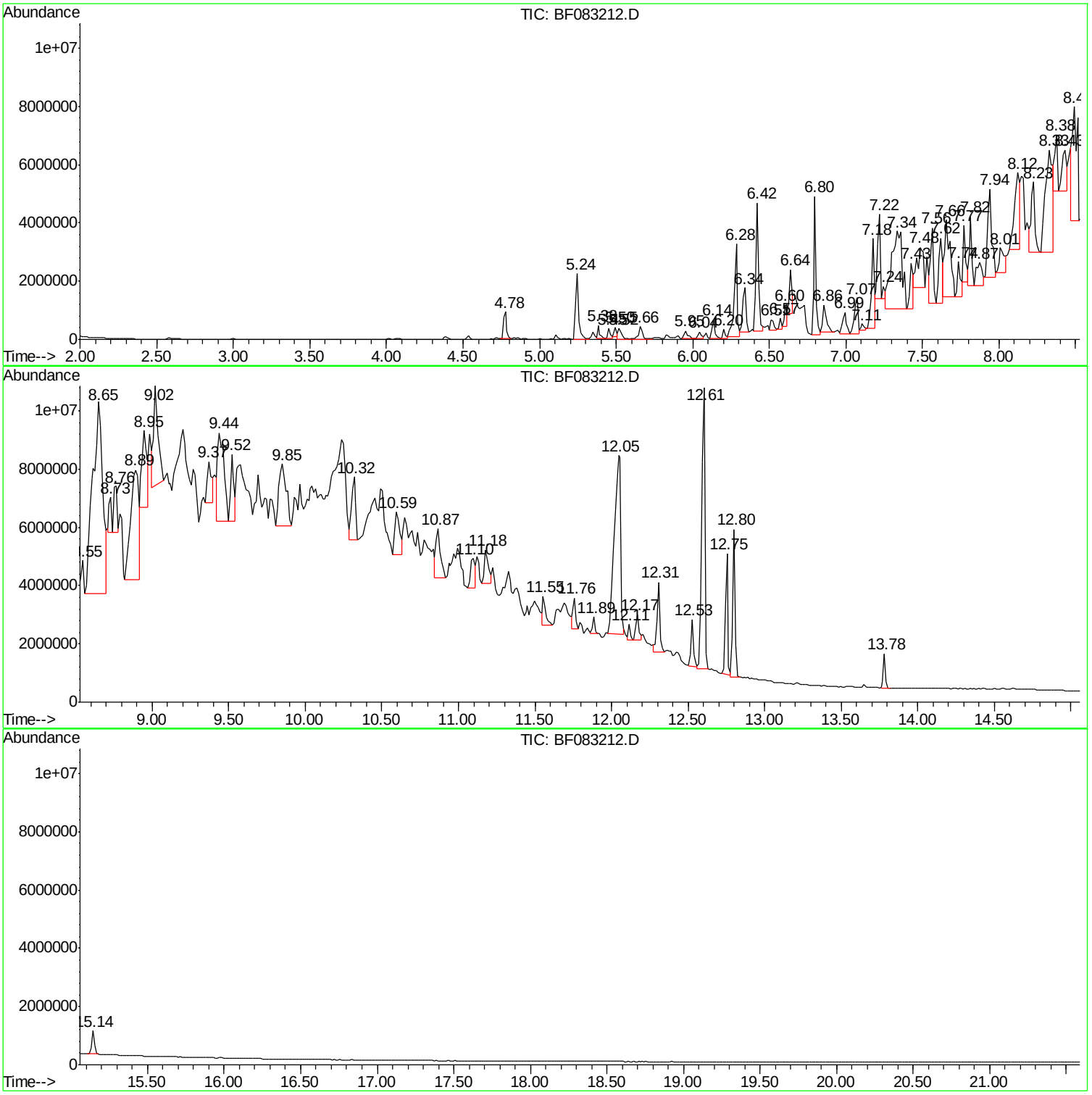
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

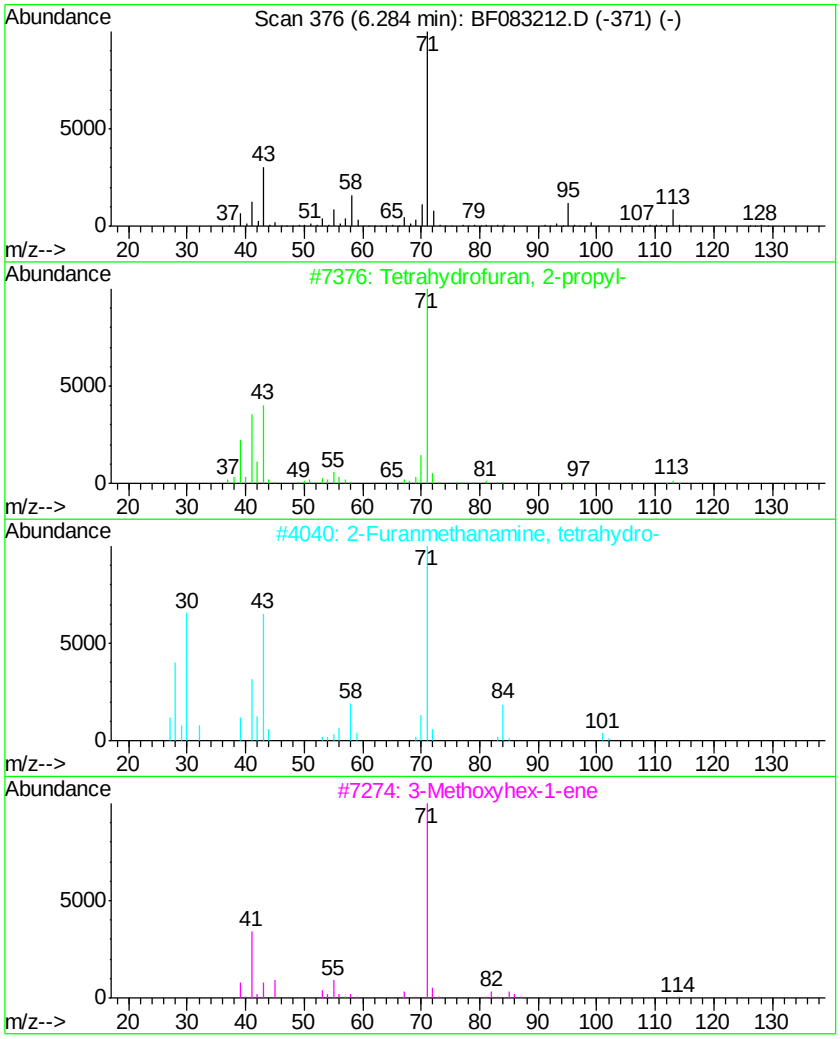
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

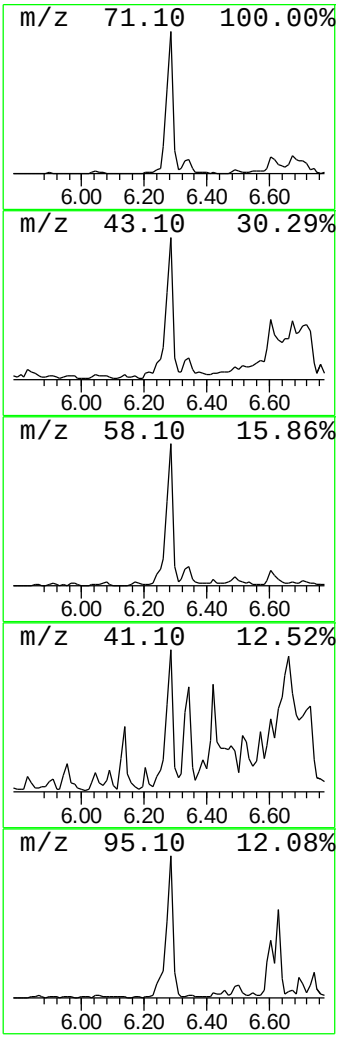
****

Peak Number 1 Tetrahydrofuran, 2-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	55.93 ng	4671870	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrofuran, 2-propyl-	114	C7H14O	003208-22-8	59
2	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	50
3	3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	50
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	38
5	2-Hepten-3-ol, 4,5-dimethyl-	142	C9H18O	055956-37-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

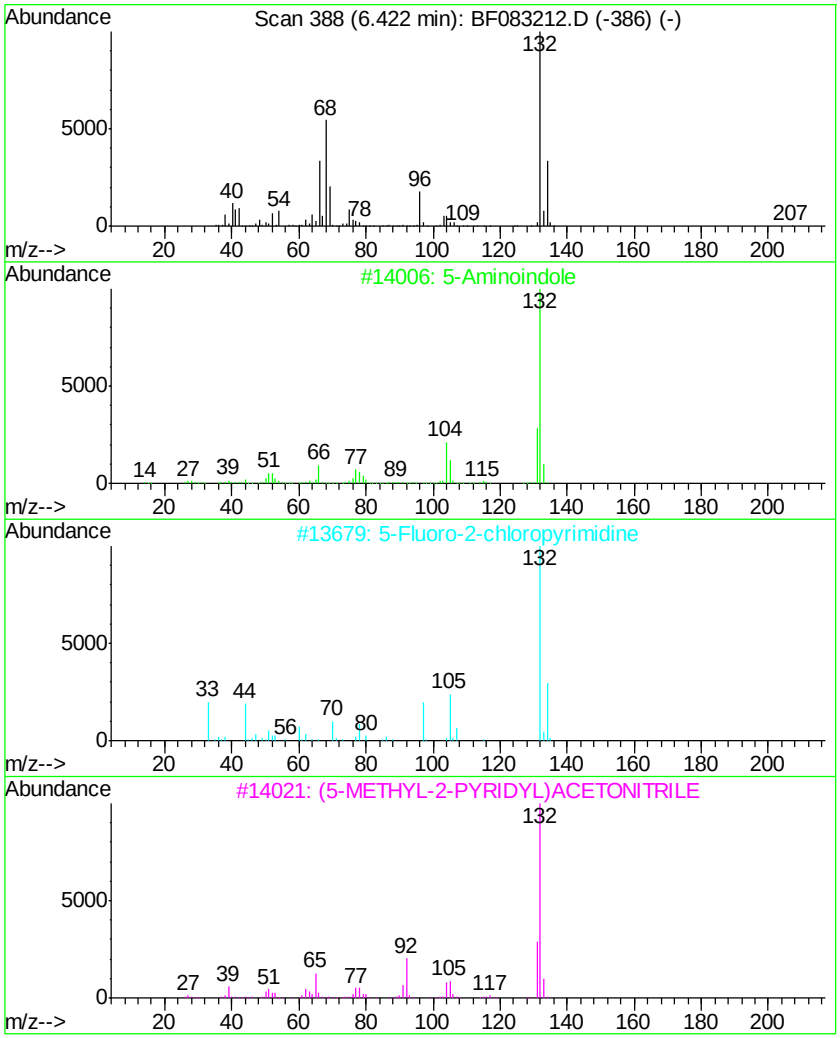
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

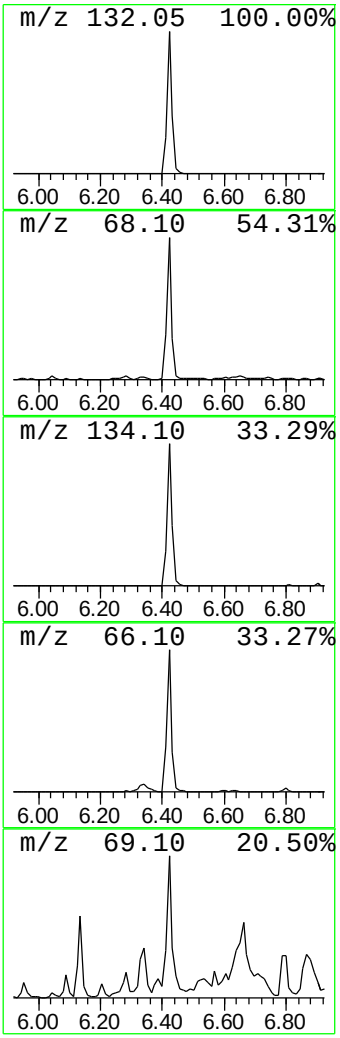
****

Peak Number 2 unknown6.42 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	61.49 ng	5136470	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

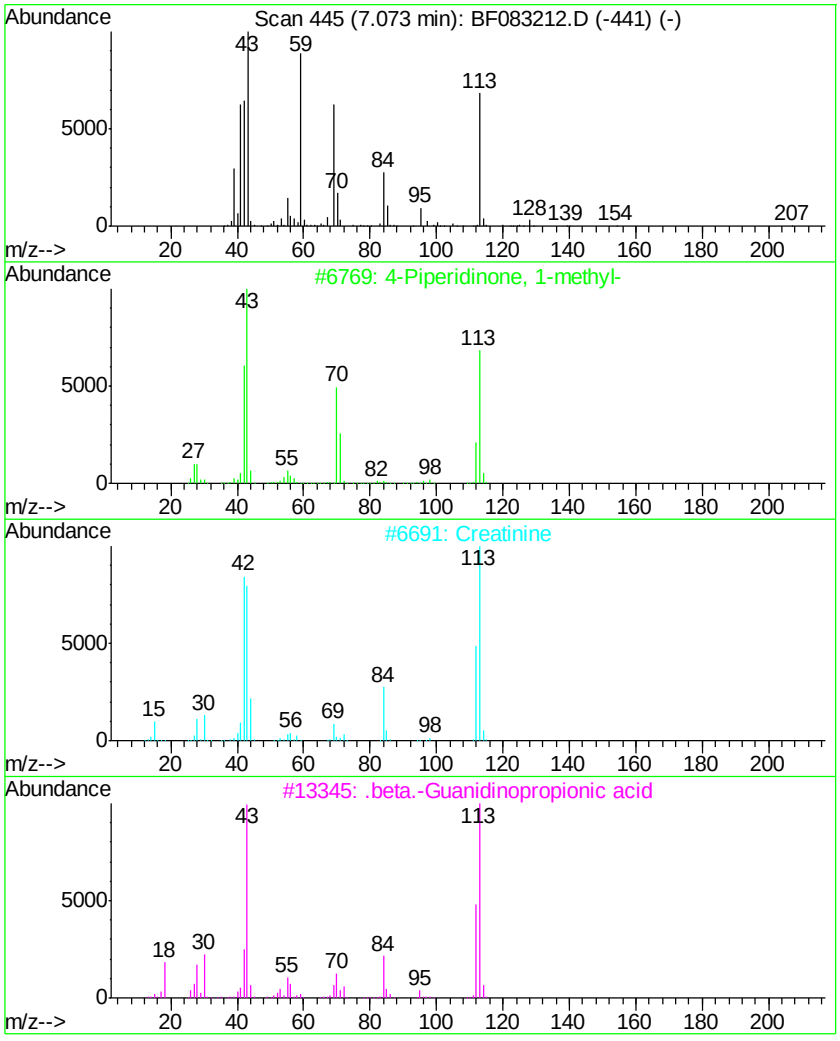
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

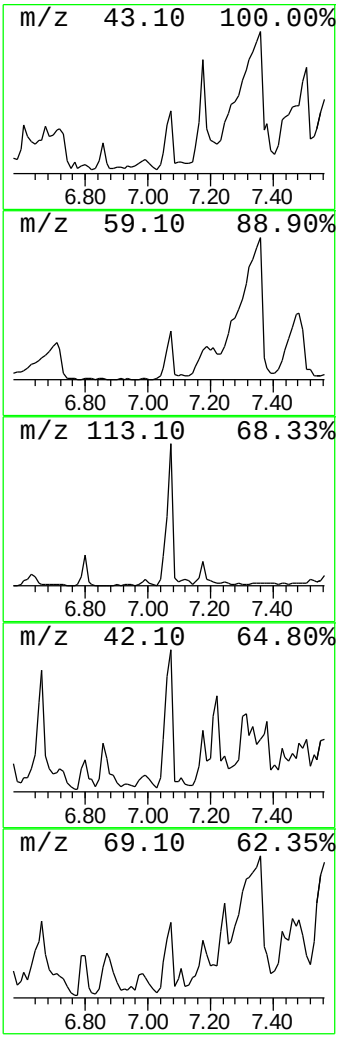
****

Peak Number 4 unknown7.07 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	23.46 ng	1959980	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	35
2	Creatinine	113	C4H7N3O	000060-27-5	32
3	.beta.-Guanidinopropionic acid	131	C4H9N3O2	000353-09-3	32
4	2H-Pyran-2-ol, tetrahydro-3,5-di...	130	C7H14O2	092340-69-7	32
5	2-Pentenoic acid, 4-oxo-, methyl...	128	C6H8O3	019522-27-1	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

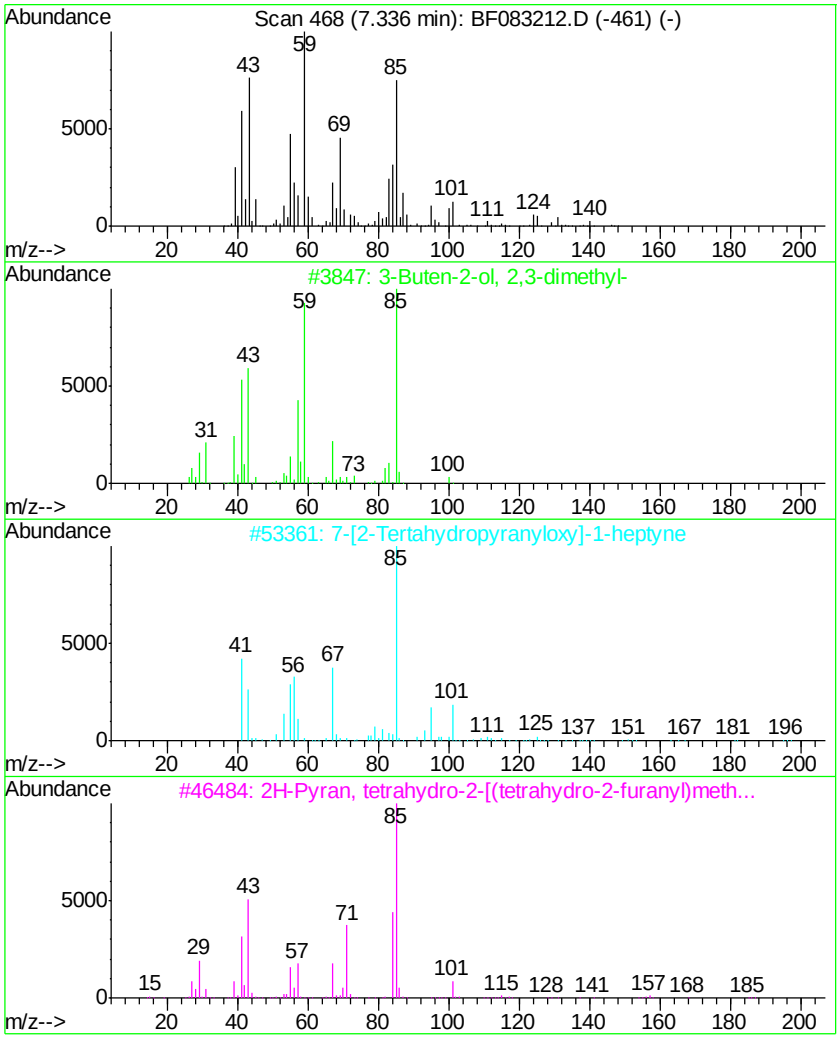
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

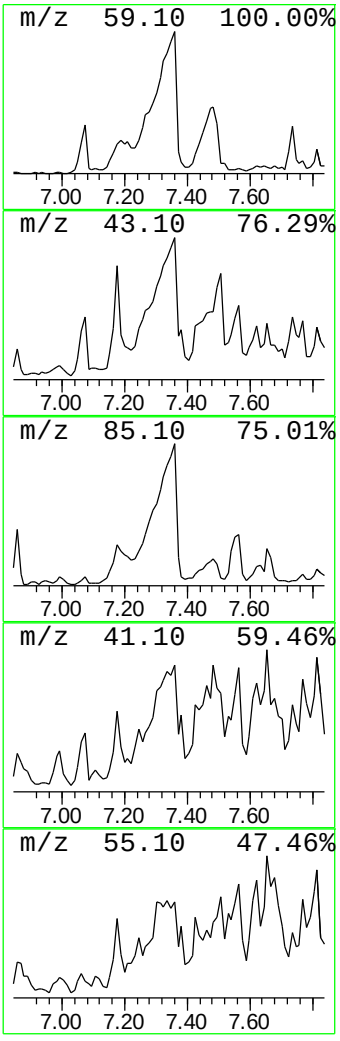
****

Peak Number 5 3-Buten-2-ol, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	46.60 ng	13045400	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	50
2	7-[2-Tertahydropyranyloxy]-1-hep...	196	C12H20O2	037011-86-2	38
3	2H-Pyran, tetrahydro-2-[(tetrahy...	186	C10H18O3	000710-14-5	35
4	1-Pentanol, 5-[(tetrahydro-2H-py...	188	C10H20O3	076102-74-4	35
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

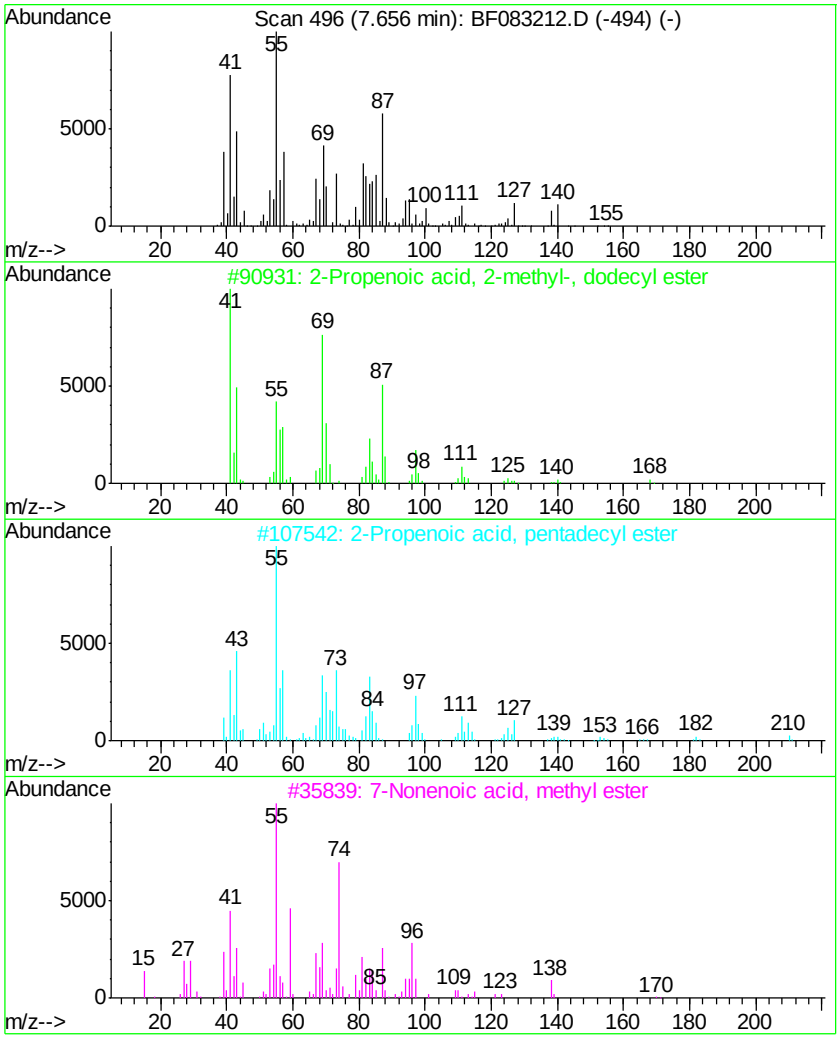
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

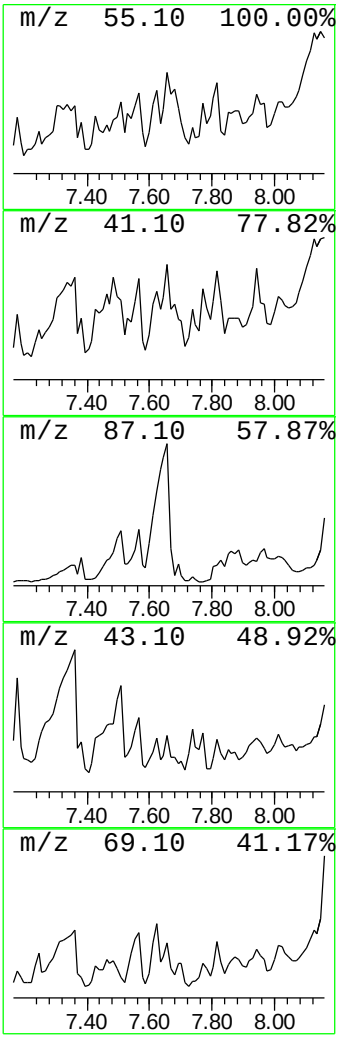
****

Peak Number 6 unknown7.66 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	22.40 ng	6268870	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, dod...	254	C16H30O2	000142-90-5	16
2	2-Propenoic acid, pentadecyl ester	282	C18H34O2	043080-23-5	14
3	7-Nonenoic acid, methyl ester	170	C10H18O2	020731-22-0	12
4	3-Methyl-2-(2-methylene-cyclohex...	182	C12H22O	1000187-18-4	10
5	2-Propenoic acid, tridecyl ester	254	C16H30O2	003076-04-8	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

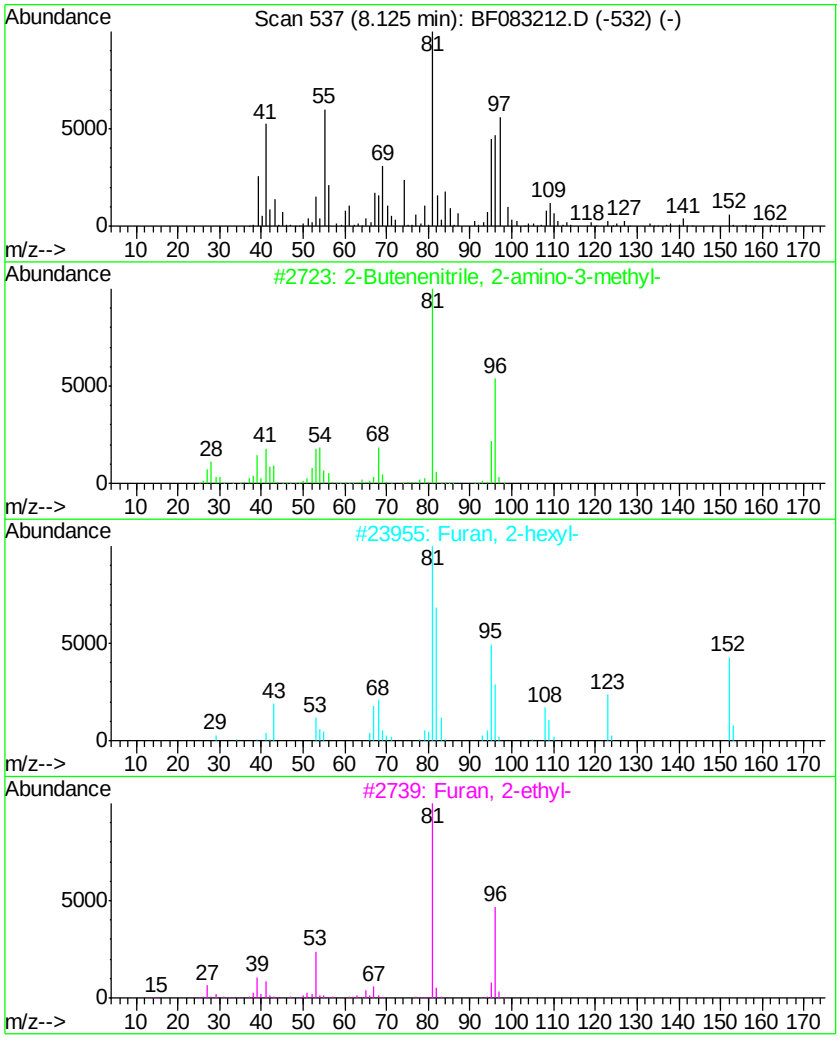
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

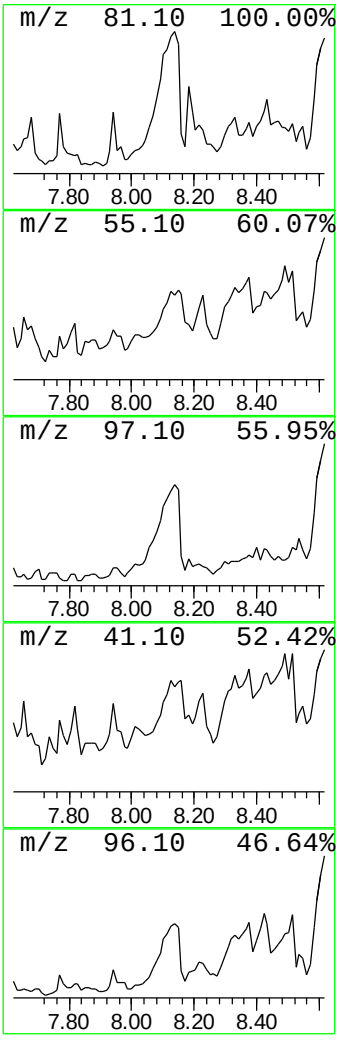
****

Peak Number 7 unknown8.12 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	24.42 ng	6835640	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	38
2	Furan, 2-hexyl-	152	C10H16O	003777-70-6	37
3	Furan, 2-ethyl-	96	C6H8O	003208-16-0	35
4	4-Methylcyclohexanol acetate	156	C9H16O2	022597-23-5	32
5	2,4-Decadienal	152	C10H16O	002363-88-4	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

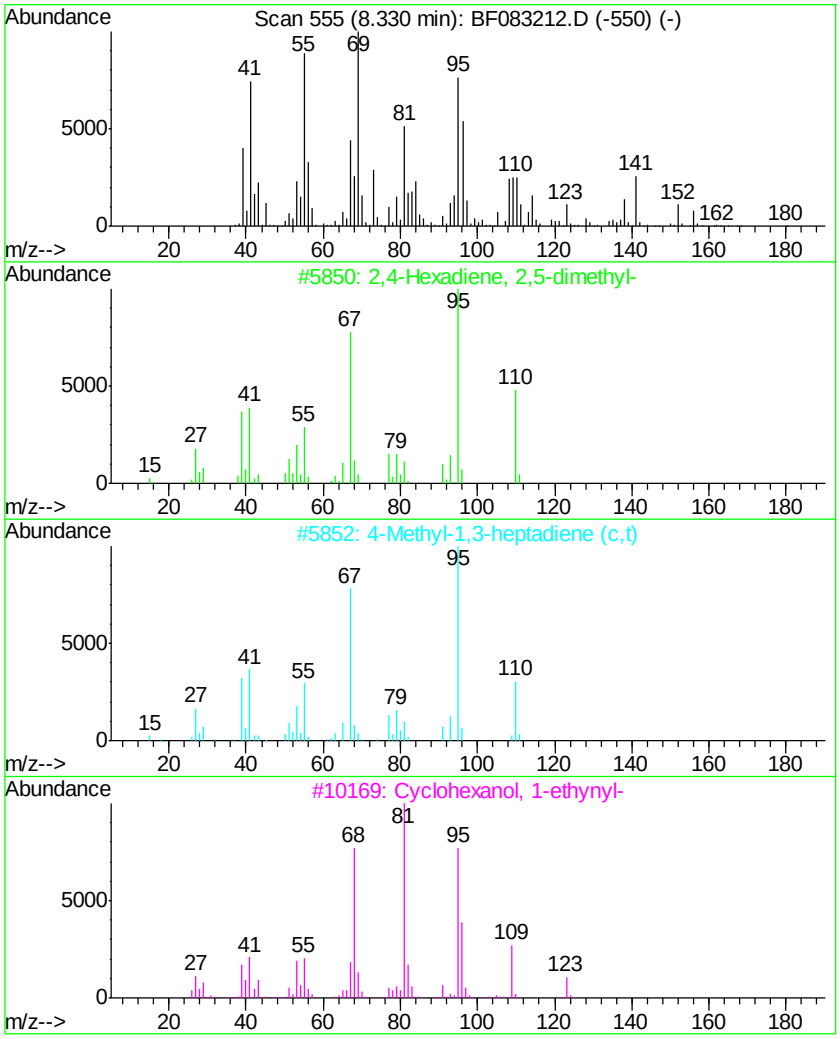
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

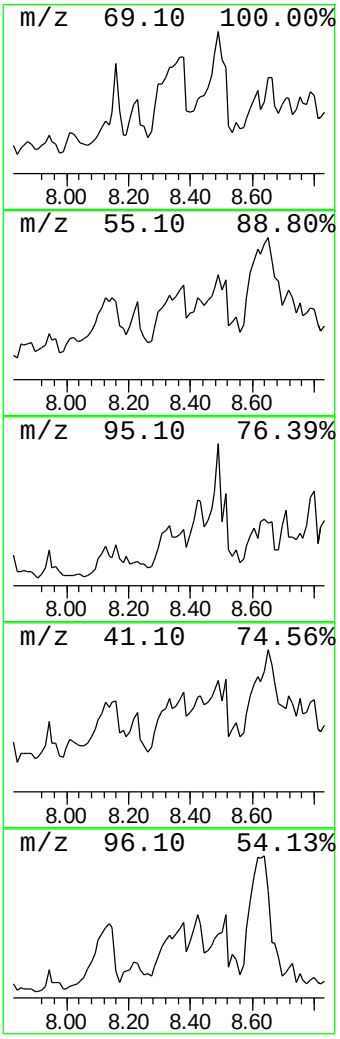
****

Peak Number 8 unknown8.33 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	43.28 ng	12114700	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	35
2	4-Methyl-1,3-heptadiene (c,t)	110	C8H14	017603-57-5	35
3	Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	30
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	30
5	2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	25





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Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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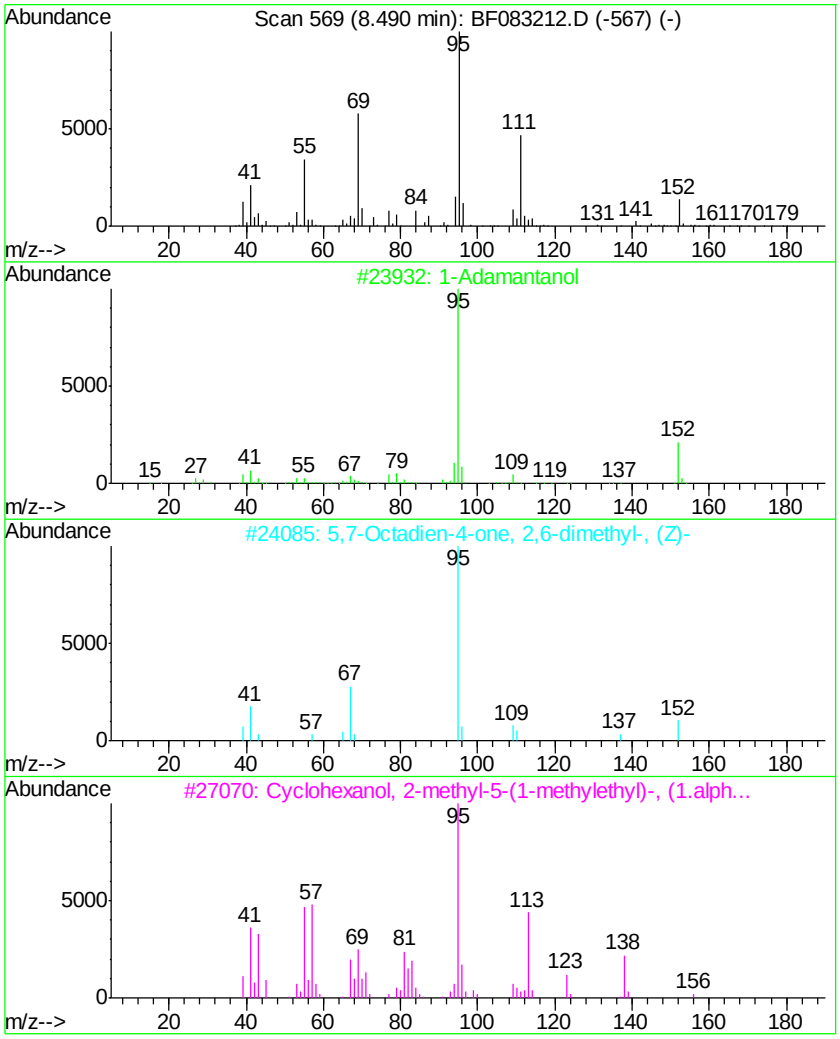
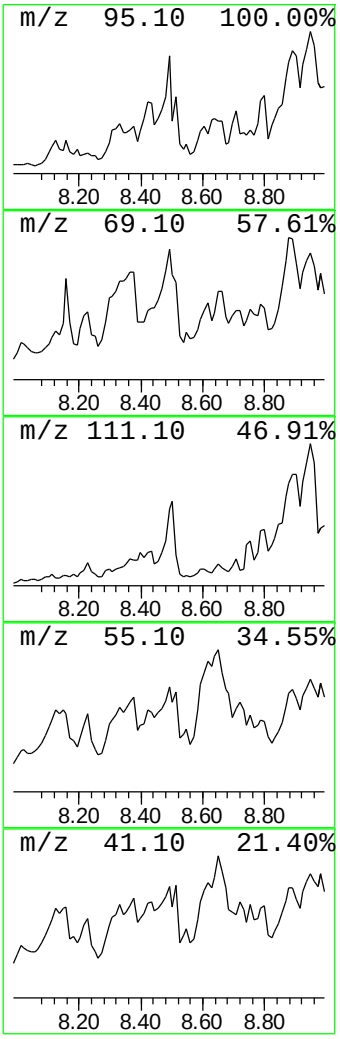
Peak Number 9 1-Adamantanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	31.50 ng	8817770	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	50
2	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	003588-18-9	49
3	Cyclohexanol, 2-methyl-5-(1-meth...	156	C10H20O	000499-69-4	47
4	Cyclohexanol, 2-methyl-5-(1-meth...	156	C10H20O	060320-28-7	40
5	Cyclohexanol, 2-methyl-5-(1-meth...	156	C10H20O	003127-80-8	40





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Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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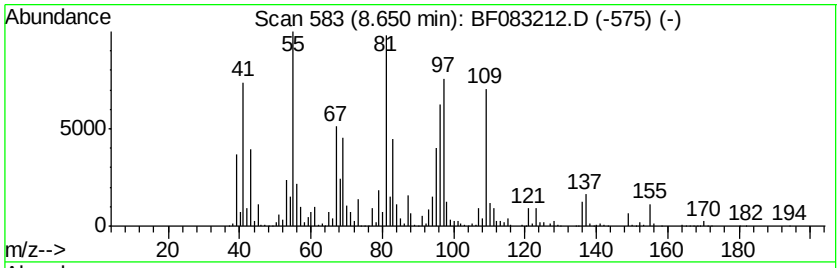
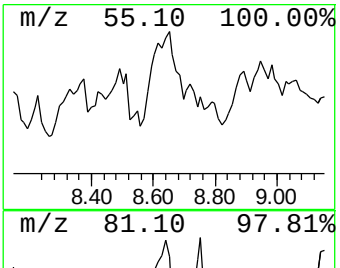
Peak Number 10 unknown8.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	106.78 ng	29888100	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	30
2	6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1000193-87-2	27
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	25
4	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	25
5	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	22





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Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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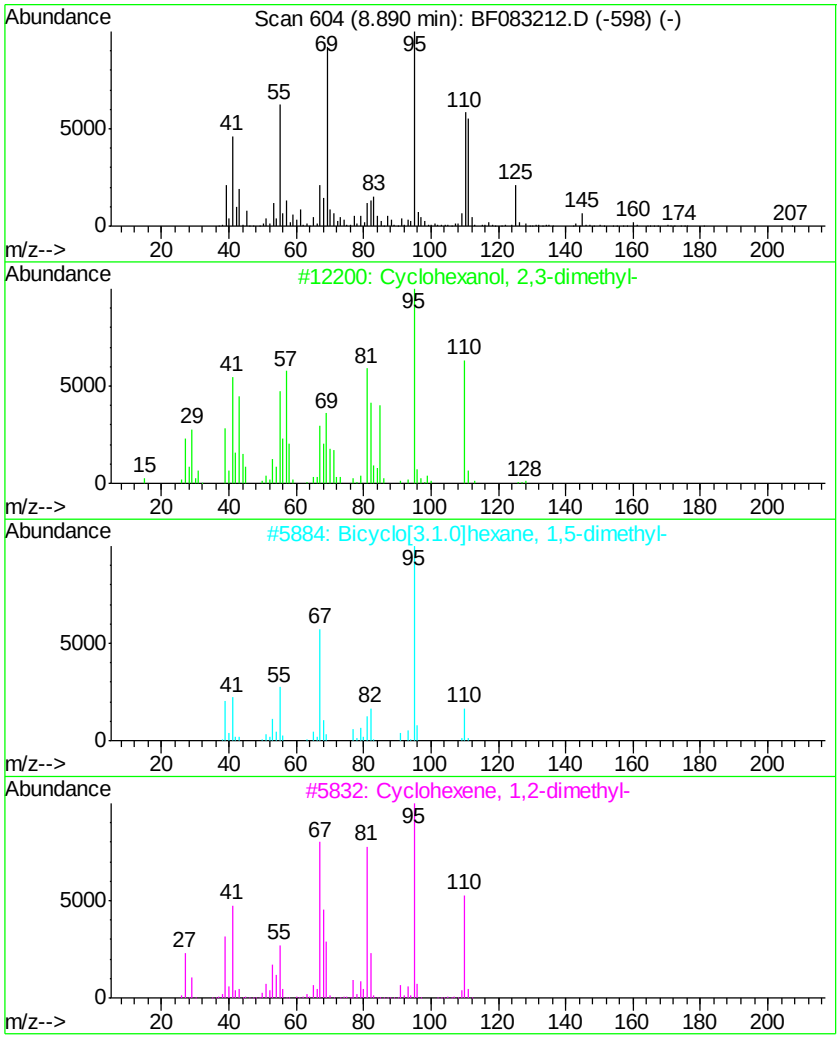
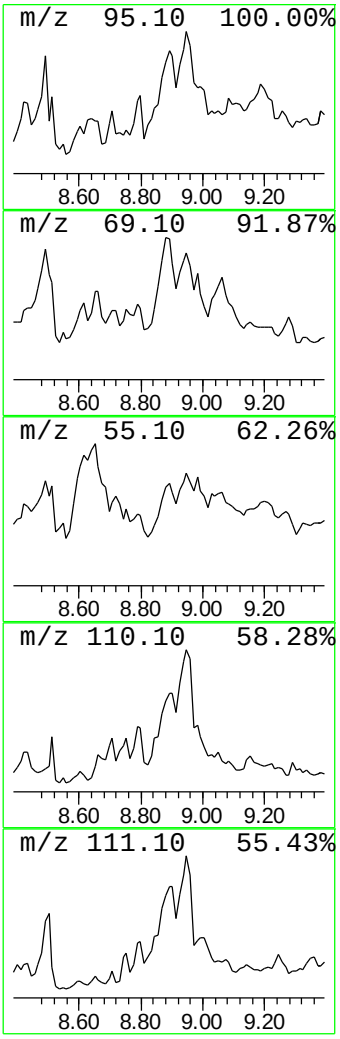
Peak Number 11 unknown8.89 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	38.71 ng	13609300	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2,3-dimethyl-	128	C8H16O	001502-24-5	38
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	38
3	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	38
4	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	38
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38





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Acq On : 23 Nov 2015 19:11
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Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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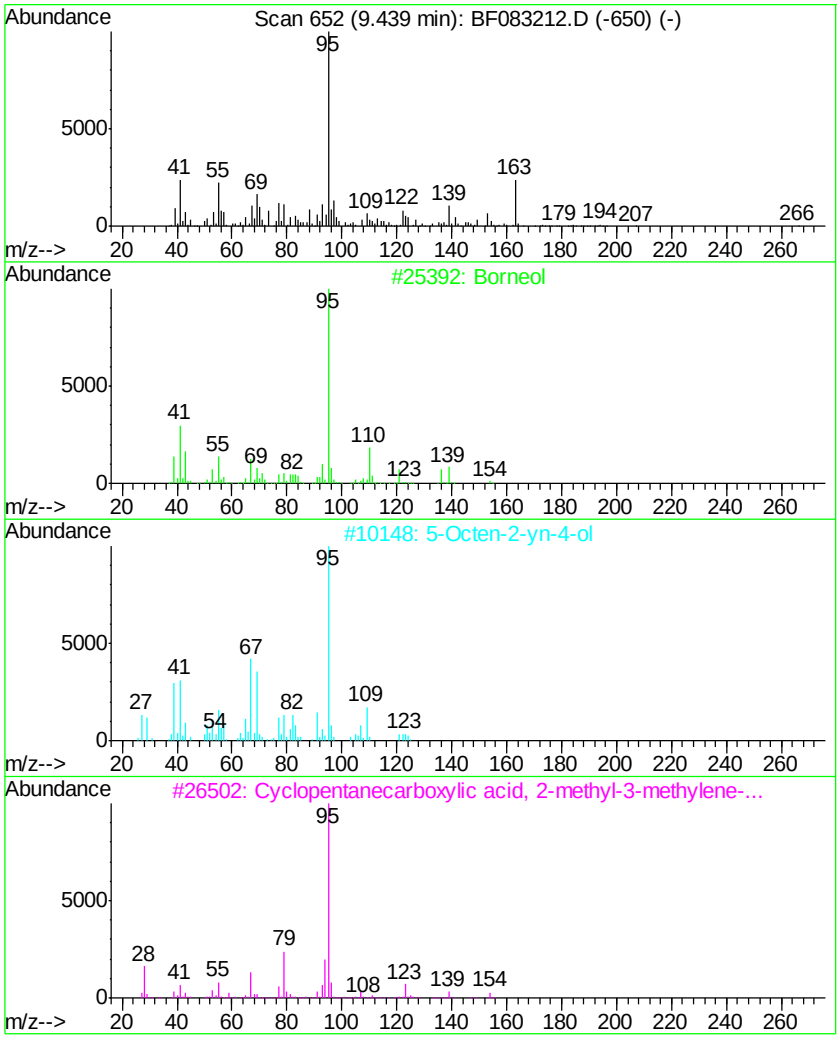
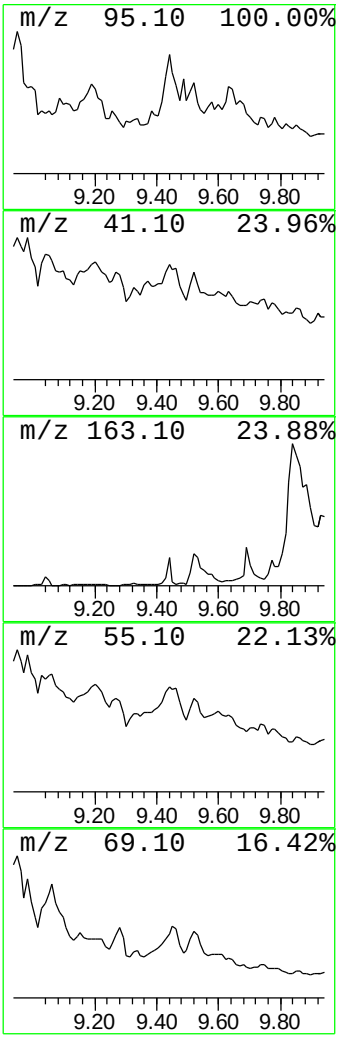
Peak Number 12 unknown9.44 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	25.42 ng	8937350	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borneol	154	C10H18O	010385-78-1	47
2	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	47
3	Cyclopentanecarboxylic acid, 2-m...	154	C9H14O2	074764-25-3	43
4	2-Trichloromethyl-1-bicyclo[2.2....	212	C8H11Cl3	090086-53-6	43
5	Bicyclo[2.2.1]heptane-2-carboxal...	124	C8H12O	003574-55-8	43





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Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
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Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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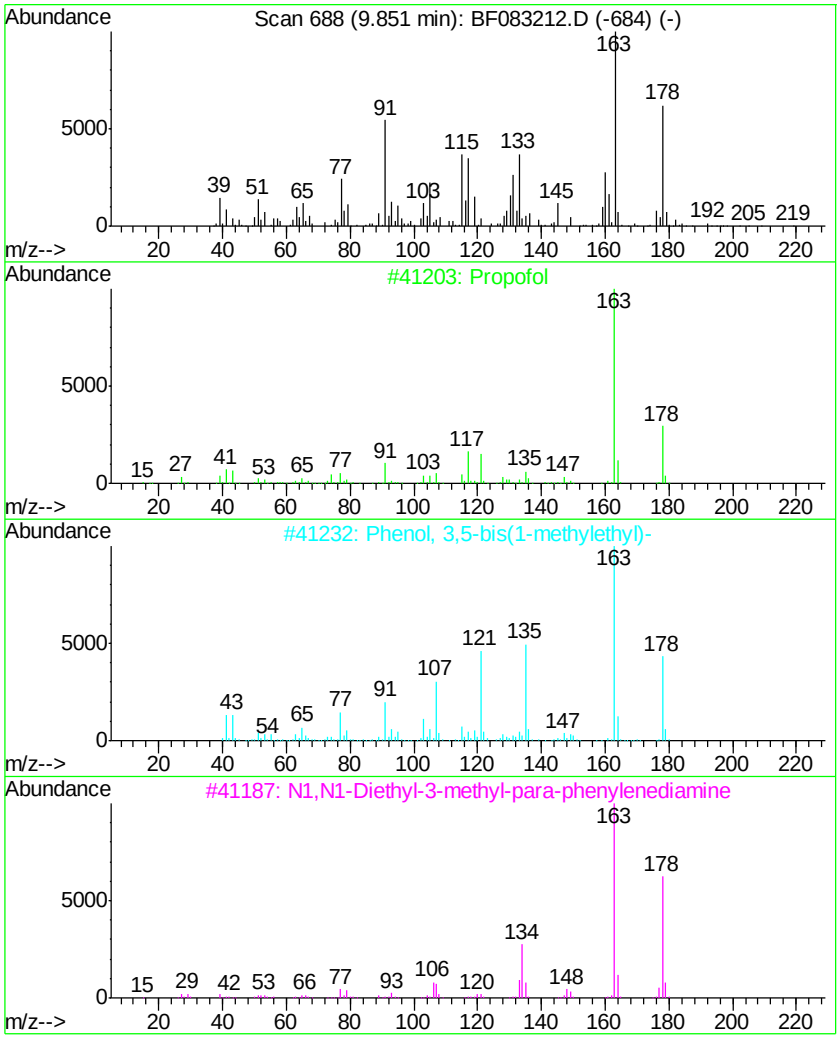
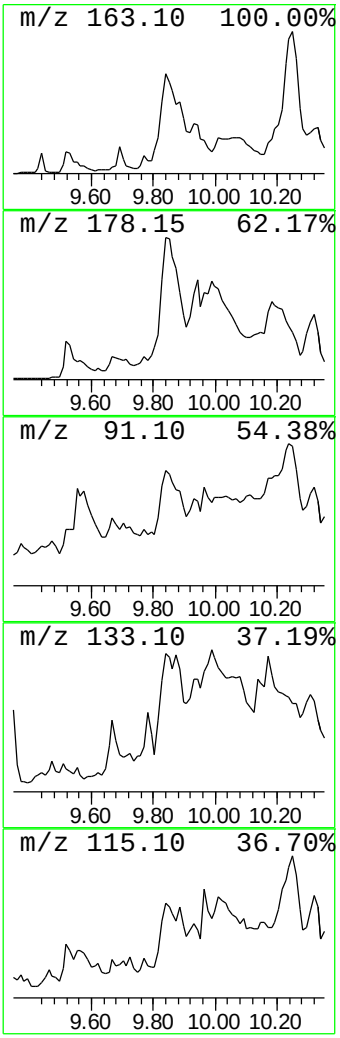
Peak Number 13 unknown9.85 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	20.00 ng	7031960	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propofol	178	C12H18O	002078-54-8	49
2	Phenol, 3,5-bis(1-methylethyl)-	178	C12H18O	026886-05-5	43
3	N1,N1-Diethyl-3-methyl-para-phen...	178	C11H18N2	002051-79-8	38
4	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	38
5	1H-Benzimidazole, 5-nitro-	163	C7H5N3O2	000094-52-0	35





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Acq On : 23 Nov 2015 19:11
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Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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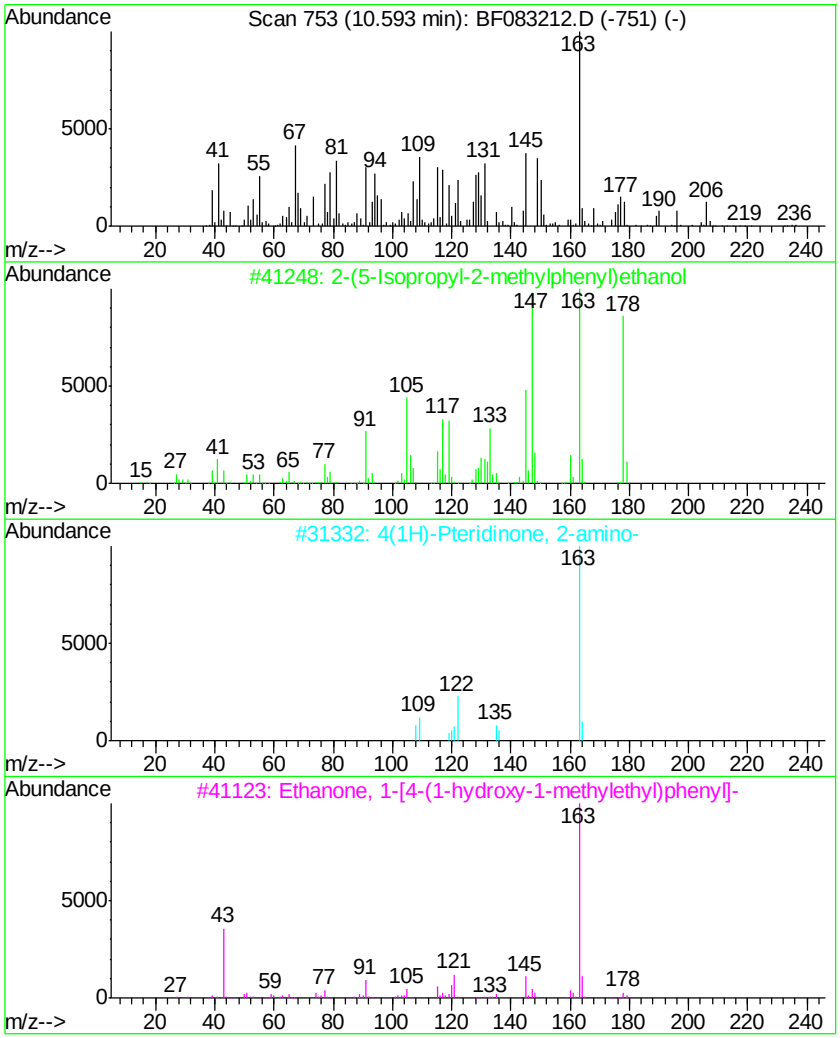
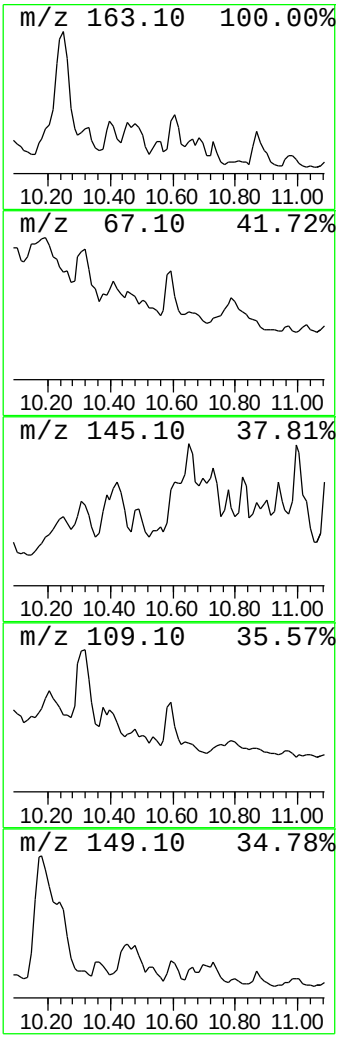
Peak Number 14 unknown10.59 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	30.97 ng	3213480	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(5-Isopropyl-2-methylphenyl)et...	178	C12H18O	004389-64-4	38
2	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	30
3	Ethanone, 1-[4-(1-hydroxy-1-meth...	178	C11H14O2	054549-72-3	22
4	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	22
5	.delta.2-1,3,4-Oxadiazolin-5-one...	163	C7H5N3O2	002845-82-1	22





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Acq On : 23 Nov 2015 19:11
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Sample : G4437-12
Misc :
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Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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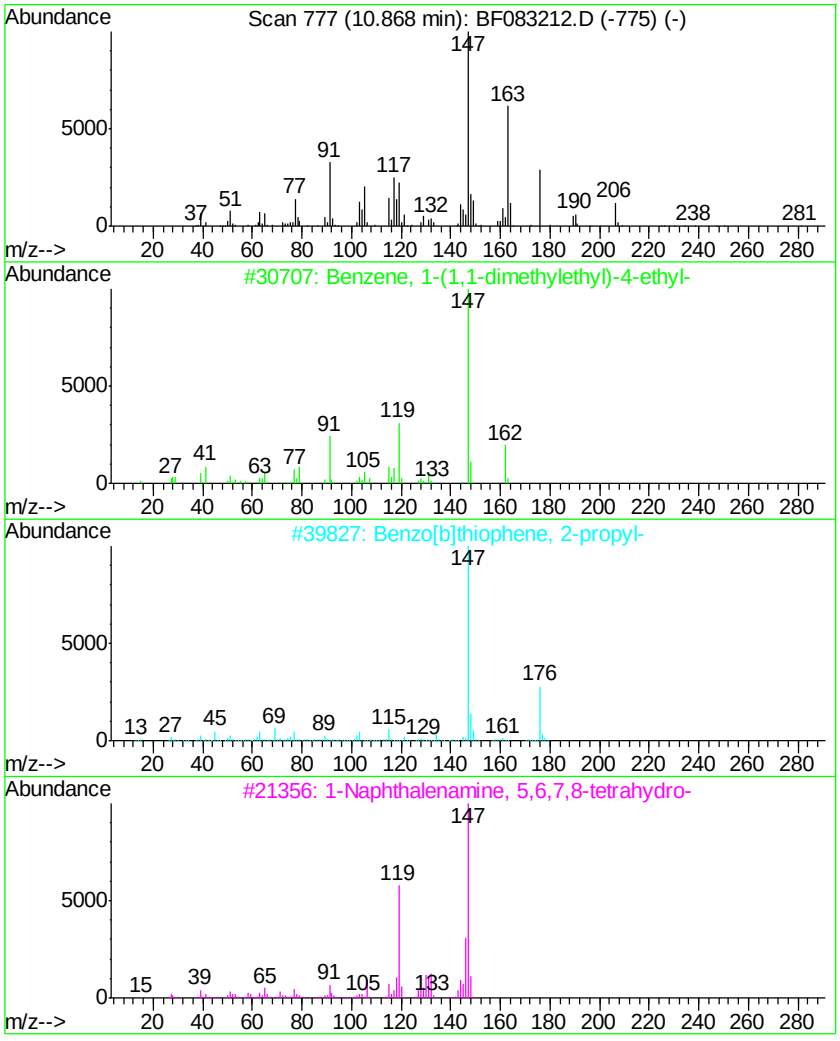
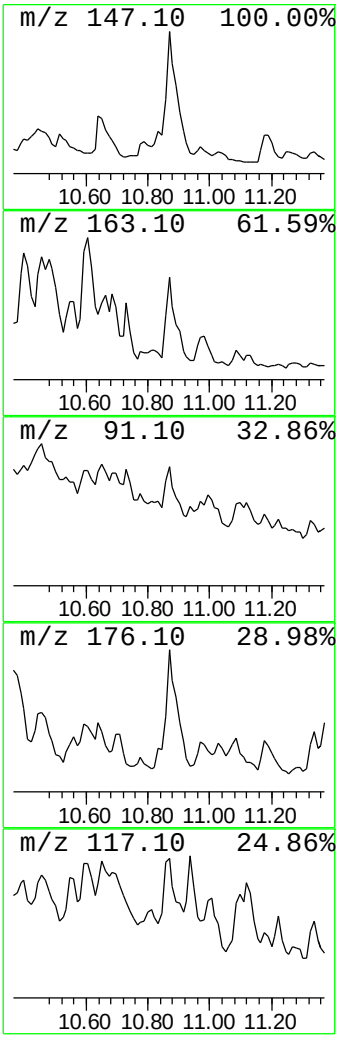
Peak Number 15 unknown10.87 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	31.33 ng	3251410	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	38
2	Benzo[b]thiophene, 2-propyl-	176	C11H12S	016587-32-9	38
3	1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	38
4	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	38
5	Ethanone, 1,1'-(1,4-phenylene)bis-	162	C10H10O2	001009-61-6	35





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Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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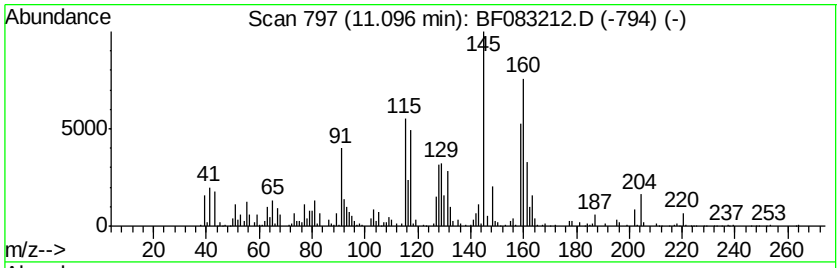
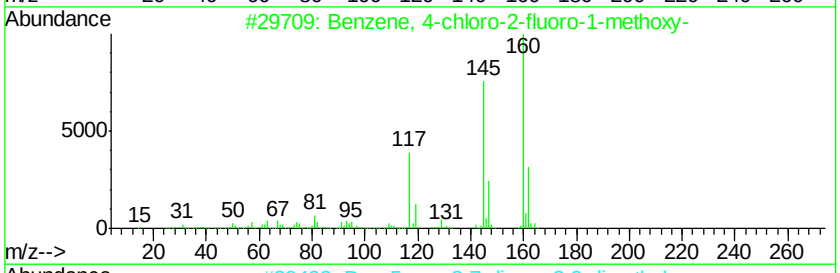
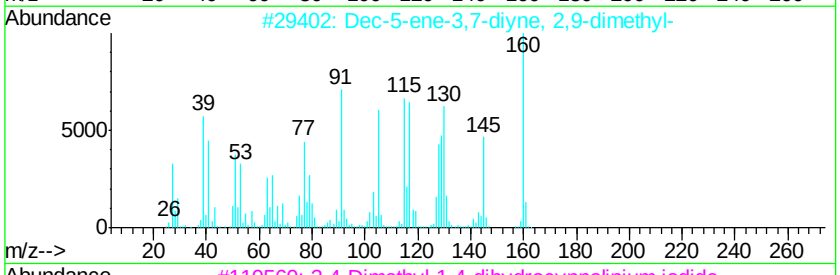
Peak Number 16 unknown11.10 Concentration Rank 20

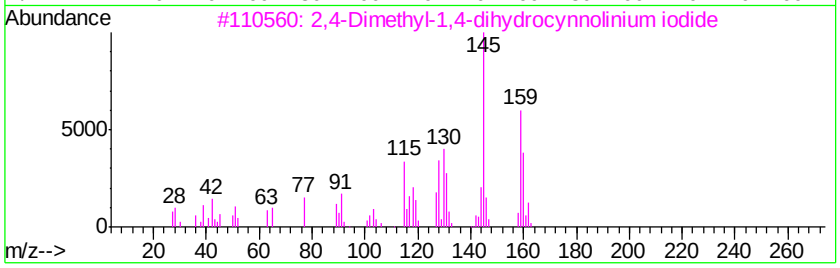
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	19.29 ng	2001850	Phenanthrene-d10	11.18

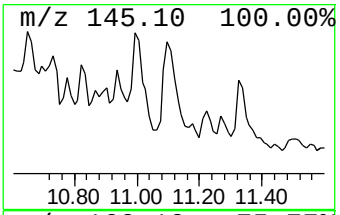
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	47
2	Dec-5-ene-3,7-diyne, 2,9-dimethyl-	160	C12H16	1000211-23-3	46
3	2,4-Dimethyl-1,4-dihydrocynnolin...	288	C10H13IN2	1000280-23-2	43
4	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	43
5	[1,2]Dithiolo[1,5-b][1,2]dithiol...	160	C5H4S3	000252-09-5	38

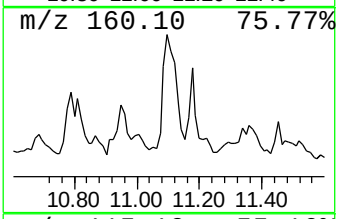


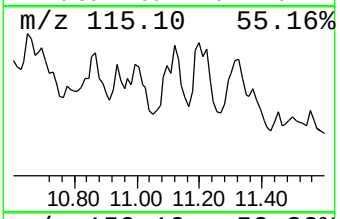


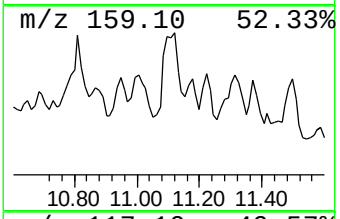


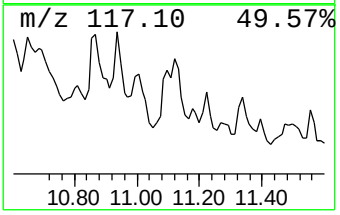












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Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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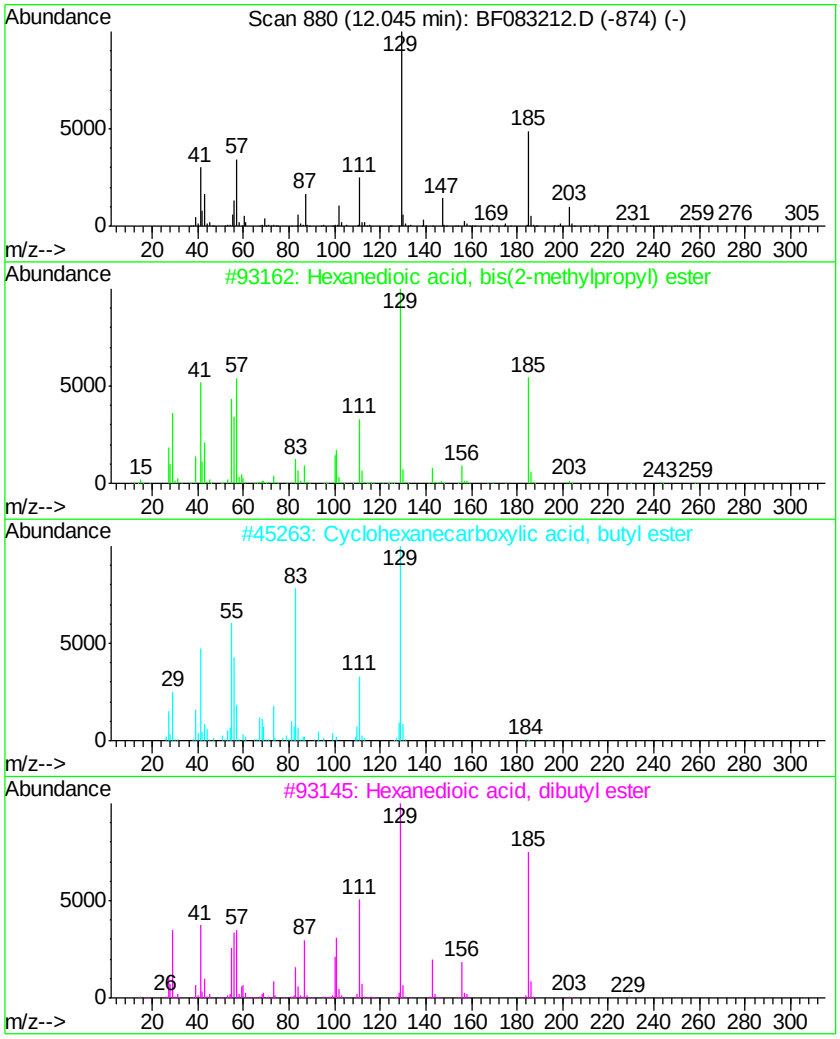
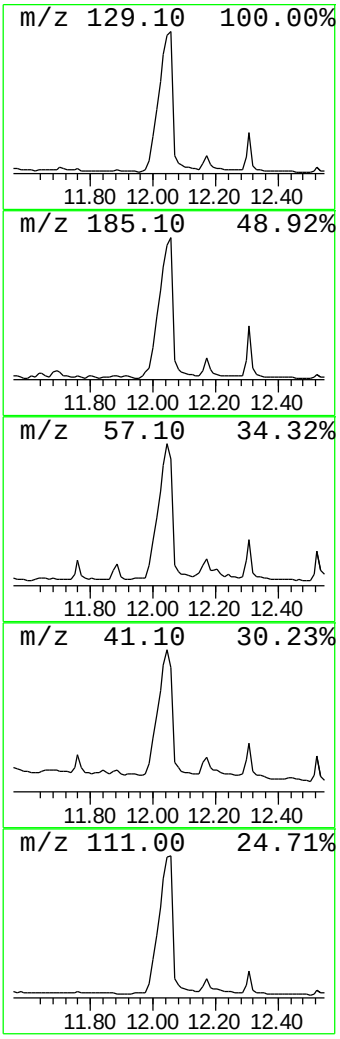
Peak Number 17 Hexanedioic acid, bis(2-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	178.45 ng	18519200	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	64
2	Cyclohexanecarboxylic acid, buty...	184	C11H20O2	006553-81-7	43
3	Hexanedioic acid, dibutyl ester	258	C14H26O4	000105-99-7	40
4	Hexanedioic acid, bis(1-methylet...	230	C12H22O4	006938-94-9	40
5	Butanedioic acid, 2,3-dimethyl-,...	258	C14H26O4	056051-57-1	38





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Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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TIC Library : C:\DATABASE\NIST02.L
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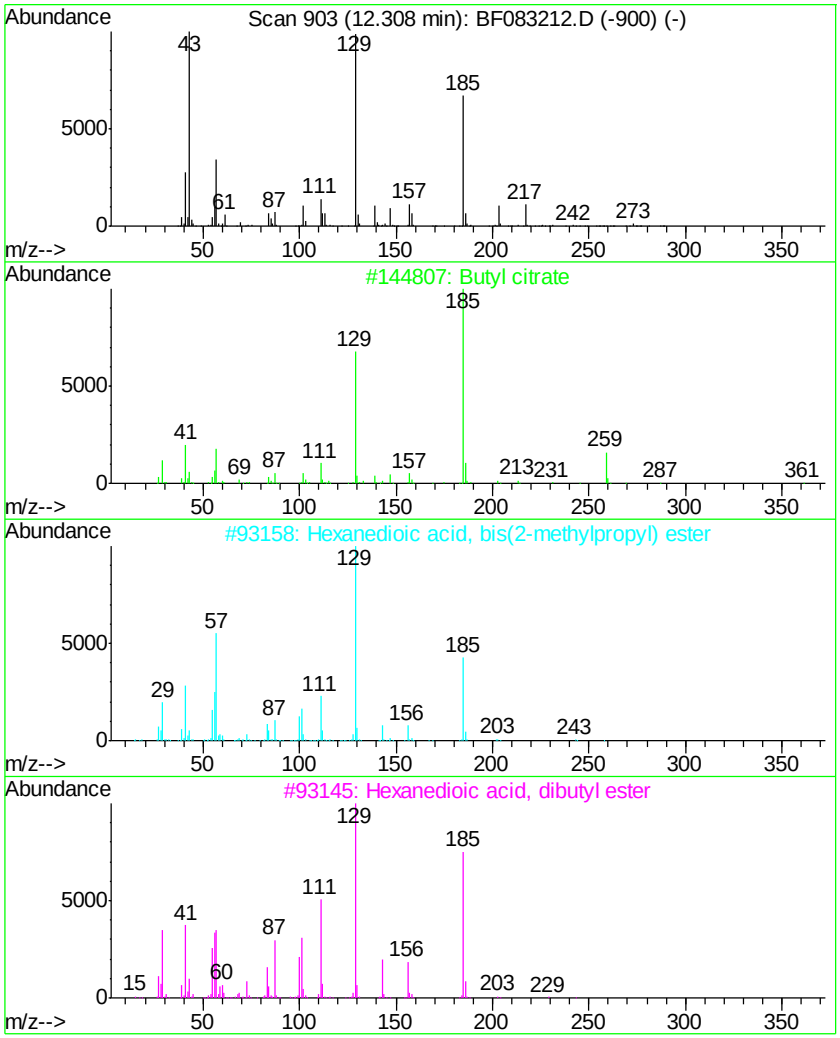
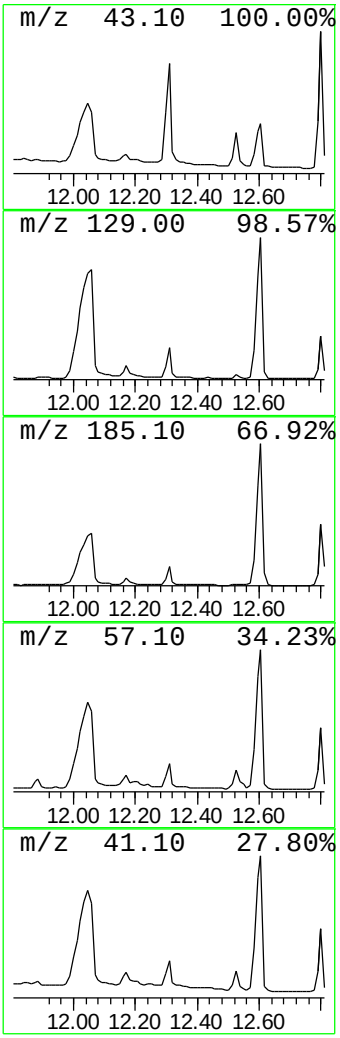
Peak Number 18 Butyl citrate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	27.78 ng	2882890	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	72
2	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	53
3	Hexanedioic acid, dibutyl ester	258	C14H26O4	000105-99-7	42
4	Hexanedioic acid, bis(1-methylpr...	258	C14H26O4	038447-22-2	42
5	Adipic acid, di(oct-4-yl ester)	370	C22H42O4	1000160-80-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

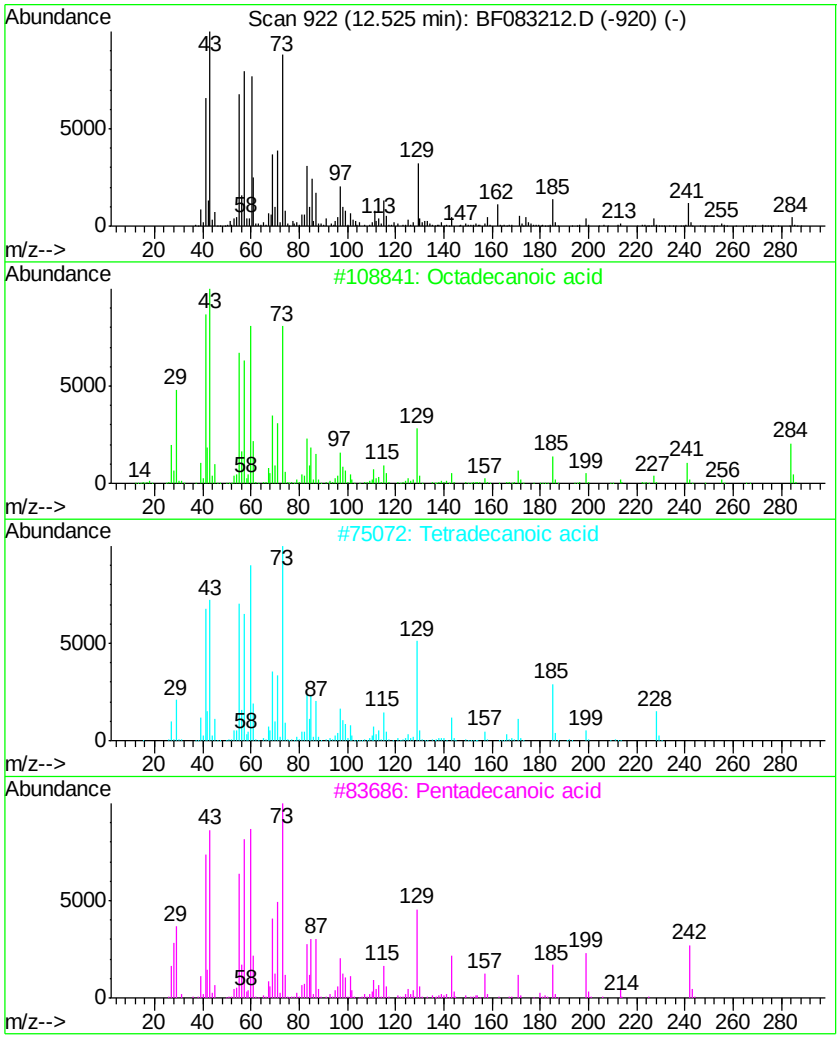
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

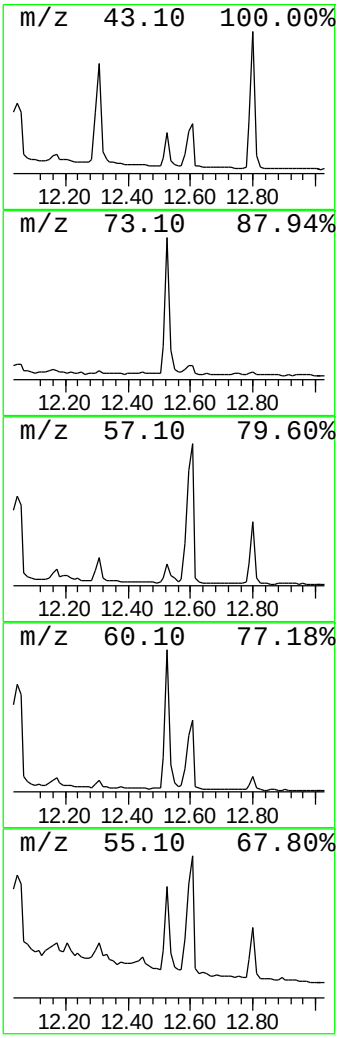
****

Peak Number 19 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	31.02 ng	1711970	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30
5	Hexadecane	226	C16H34	000544-76-3	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083212.D
Acq On : 23 Nov 2015 19:11
Operator : UM/IZ
Sample : G4437-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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
Tetrahydrofuran, ...	6.28	55.9	ng	4671870	1	6.64	1670750	20.0
unknown6.42	6.42	61.5	ng	5136470	1	6.64	1670750	20.0
unknown7.07	7.07	23.5	ng	1959980	1	6.64	1670750	20.0
3-Buten-2-ol, 2,3...	7.34	46.6	ng	13045400	2	7.93	5598350	20.0
unknown7.66	7.66	22.4	ng	6268870	2	7.93	5598350	20.0
unknown8.12	8.12	24.4	ng	6835640	2	7.93	5598350	20.0
unknown8.33	8.33	43.3	ng	12114700	2	7.93	5598350	20.0
1-Adamantanol	8.49	31.5	ng	8817770	2	7.93	5598350	20.0
unknown8.65	8.65	106.8	ng	29888100	2	7.93	5598350	20.0
unknown8.89	8.89	38.7	ng	13609300	3	9.69	7031960	20.0
unknown9.44	9.44	25.4	ng	8937350	3	9.69	7031960	20.0
unknown9.85	9.85	20.0	ng	7031960	3	9.69	7031960	20.0
unknown10.59	10.59	31.0	ng	3213480	4	11.18	2075550	20.0
unknown10.87	10.87	31.3	ng	3251410	4	11.18	2075550	20.0
unknown11.10	11.10	19.3	ng	2001850	4	11.18	2075550	20.0
Hexanedioic acid,...	12.05	178.4	ng	18519200	4	11.18	2075550	20.0
Butyl citrate	12.31	27.8	ng	2882890	4	11.18	2075550	20.0
Octadecanoic acid	12.53	31.0	ng	1711970	5	13.78	1103720	20.0