LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082808.D
Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

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-BF110715.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	5.047	255	259	263	rBV	2073234	3271340	50.79%	4.774%
2	5.470	293	296	298	rBV	5063749	6402409	99.40%	9.344%
3	6.487	382	385	388	rVB	4983423	5509342	85.53%	8.041%
4	6.624	394	397	399	rBV	5693256	6387639	99.17%	9.322%
5	6.853	414	417	419	rBV	1456653	1538767	23.89%	2.246%
6	7.013	428	431	433	rBV	3475399	4538114	70.46%	6.623%
7	7.253	449	452	459	rVB4	32290	68195	1.06%	0.100%
8	7.413	463	466	468	rVV	4016897	4046079	62.82%	5.905%
9	7.516	472	475	482	rVB	67027	113264	1.76%	0.165%
10	7.687	487	490	496	rVB3	37577	69026	1.07%	0.101%
11	7.905	508	509	517	rVB	42360	76843	1.19%	0.112%
12	8.042	519	521	523	rBV	82757	89475	1.39%	0.131%
13	8.133	527	529	532	rVB	1961095	1841205	28.59%	2.687%
14	9.219	621	624	626	rBV	6477810	6441106	100.00%	9.401%
15	9.608	656	658	660	rBV	1586791	1297700	20.15%	1.894%
16	9.710	664	667	674	rVB5	33891	71598	1.11%	0.104%
17	9.893	680	683	685	rBV	2038264	2025548	31.45%	2.956%
18	10.305	717	719	720	rBV	99846	91203	1.42%	0.133%
19	10.339	720	722	723	rVB	91856	99972	1.55%	0.146%
20	10.682	749	752	754	rBV	2627797	3316980	51.50%	4.841%
21	10.808	761	763	767	rBV2	201187	289409	4.49%	0.422%
22	10.865	767	768	769	rBV	154550	126983	1.97%	0.185%
23	10.899	769	771	773	rVV2	197194	244309	3.79%	0.357%
24	10.933	773	774	775	rVV	161513	122139	1.90%	0.178%
25	11.013	777	781	782	rVV2	104038	171633	2.66%	0.250%
26	11.048	782	784	786	rVV2	171773	218345	3.39%	0.319%
27	11.082	786	787	789	rVV	165285	171707	2.67%	0.251%
28	11.128	789	791	792	rVB2	92447	95087	1.48%	0.139%
29	11.253	799	802	804	rBV2	189292	254252	3.95%	0.371%
30	11.368	810	812	816	rBV	1514693	1608230	24.97%	2.347%
31	11.608	830	833	838	rBV6	38965	98656	1.53%	0.144%
32	11.676	838	839	843	rBV2	77169	123764	1.92%	0.181%
33	11.836	851	853	855	rBV3	61250	99027	1.54%	0.145%
34	11.916	857	860	862	rBV	698422	728259	11.31%	1.063%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082808.D
Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

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-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.088	872	875	878	rBV2	92245	152712	2.37%	0.223%
36	12.625	916	922	927	rBV2	1707945	4237234	65.78%	6.184%
37	12.705	927	929	935	rVB2	209872	466084	7.24%	0.680%
38	12.796	935	937	939	rBV2	503283	640833	9.95%	0.935%
39	12.842	939	941	943	rBV	270059	254238	3.95%	0.371%
40	12.956	949	951	954	rVB	3204560	3874959	60.16%	5.655%
41	13.036	954	958	963	rBV2	275068	675139	10.48%	0.985%
42	13.505	996	999	1000	rBV	233276	357741	5.55%	0.522%
43	13.871	1029	1031	1034	rBV	791164	843402	13.09%	1.231%
44	14.008	1040	1043	1047	rBV	1671122	1757395	27.28%	2.565%
45	14.191	1057	1059	1061	rBV2	191561	284467	4.42%	0.415%
46	14.877	1117	1119	1121	rVB	340425	323475	5.02%	0.472%
47	15.128	1139	1141	1148	rVB2	313264	818260	12.70%	1.194%
48	15.448	1166	1169	1176	rVB	977449	1749503	27.16%	2.553%
49	15.962	1212	1214	1218	rVB2	219273	435641	6.76%	0.636%

Sum of corrected areas: 68518688

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Data File : BF082808.D
Acq On : 7 Nov 2015 14:01
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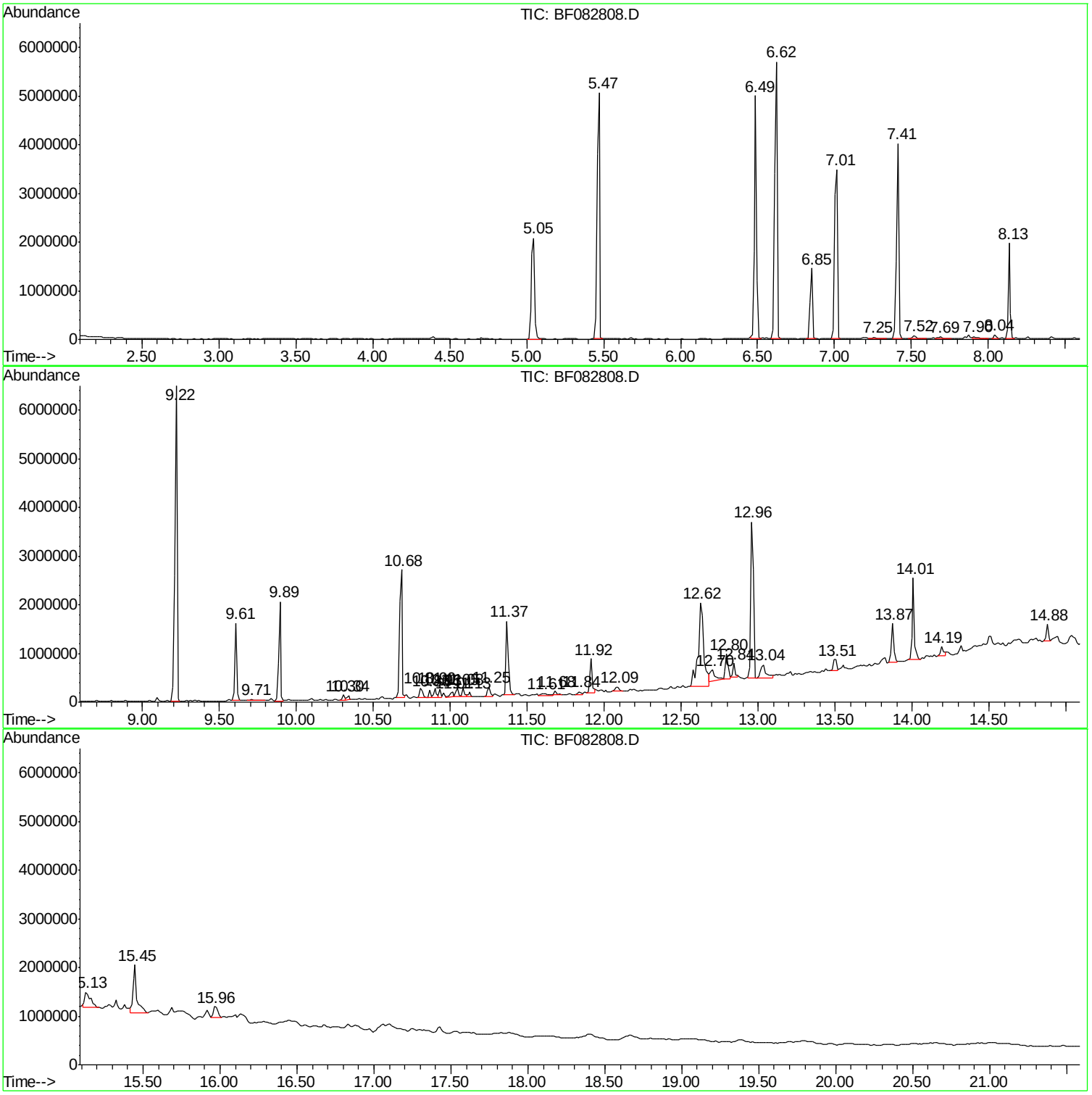
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082808.D
Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

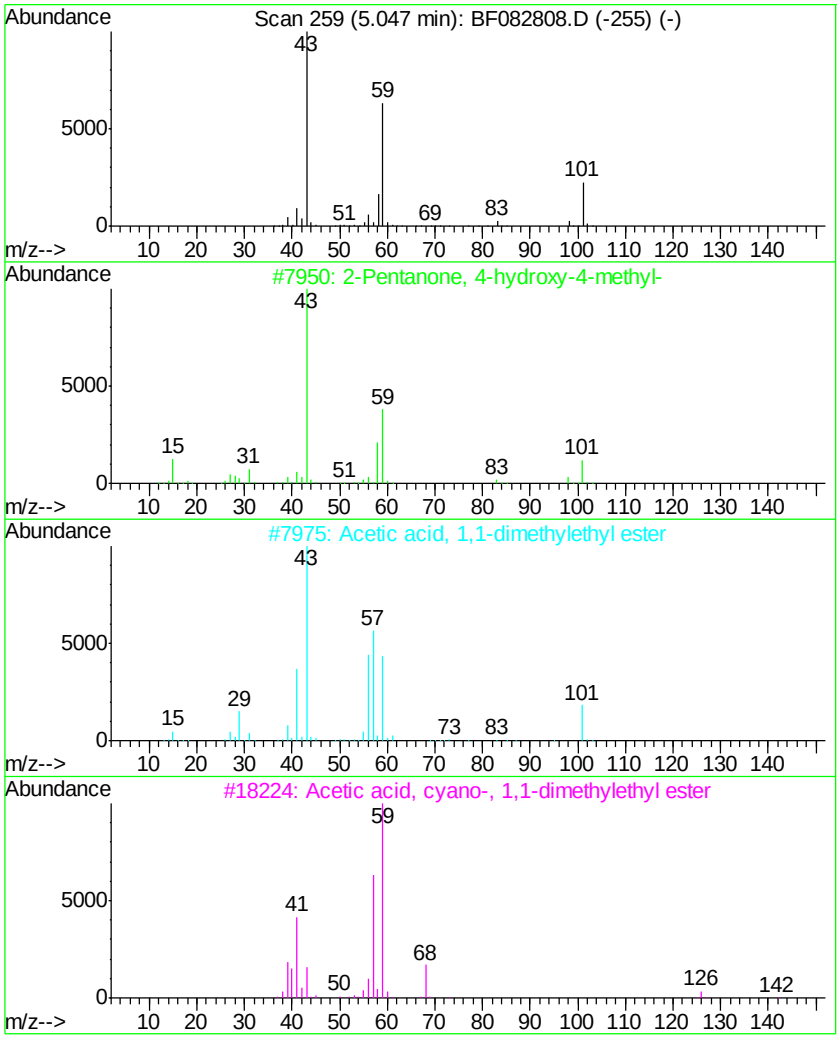
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

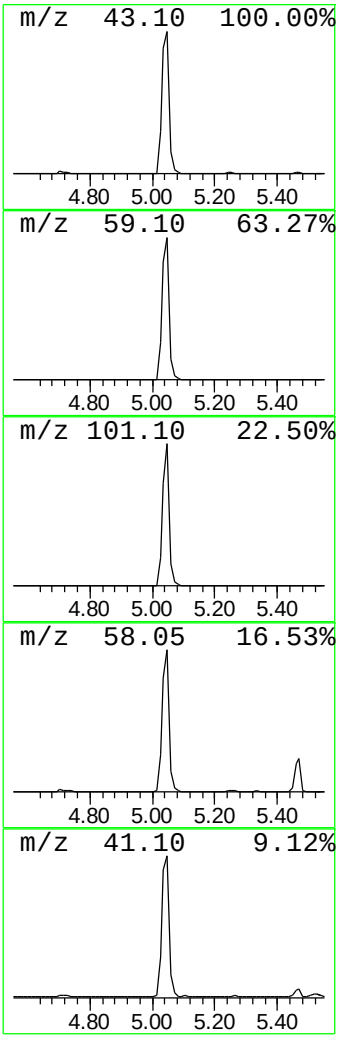
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	42.52 ng	3271340	1,4-Dichlorobenzene-d4	6.85

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082808.D
Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

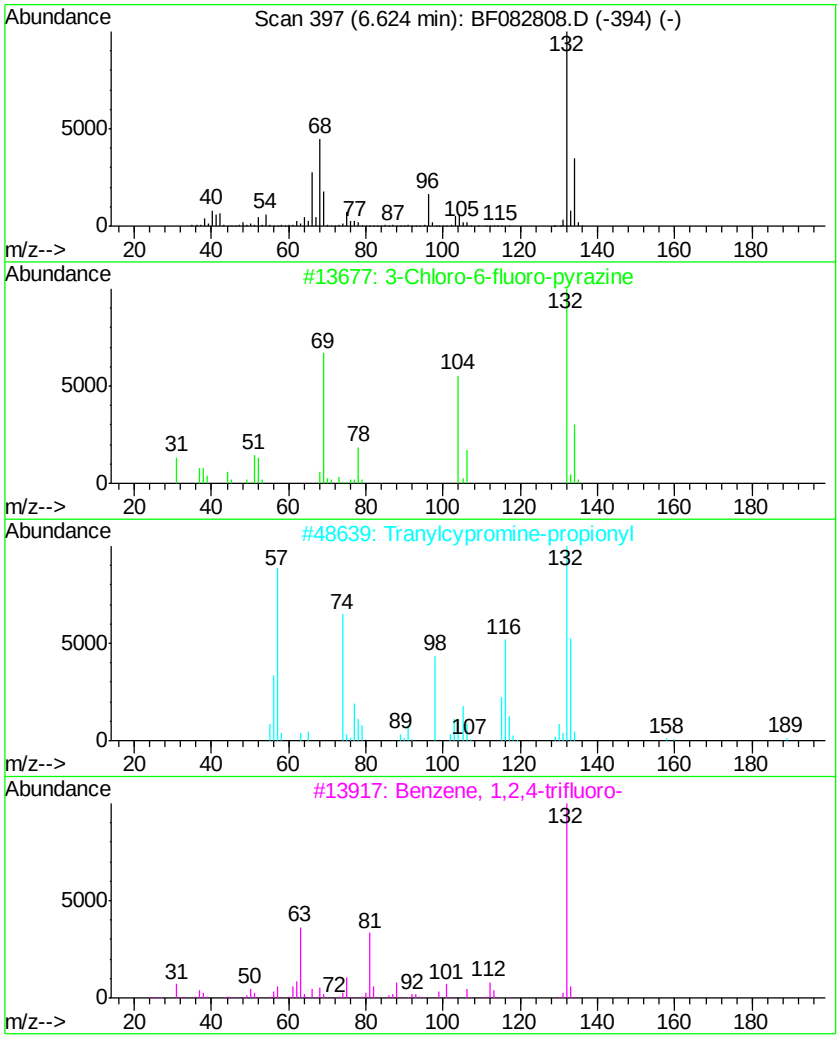
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

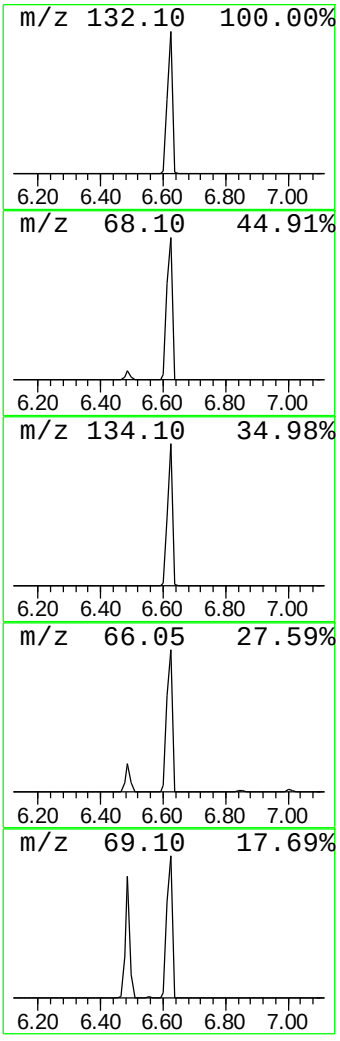
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	83.02 ng	6387640	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082808.D
Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

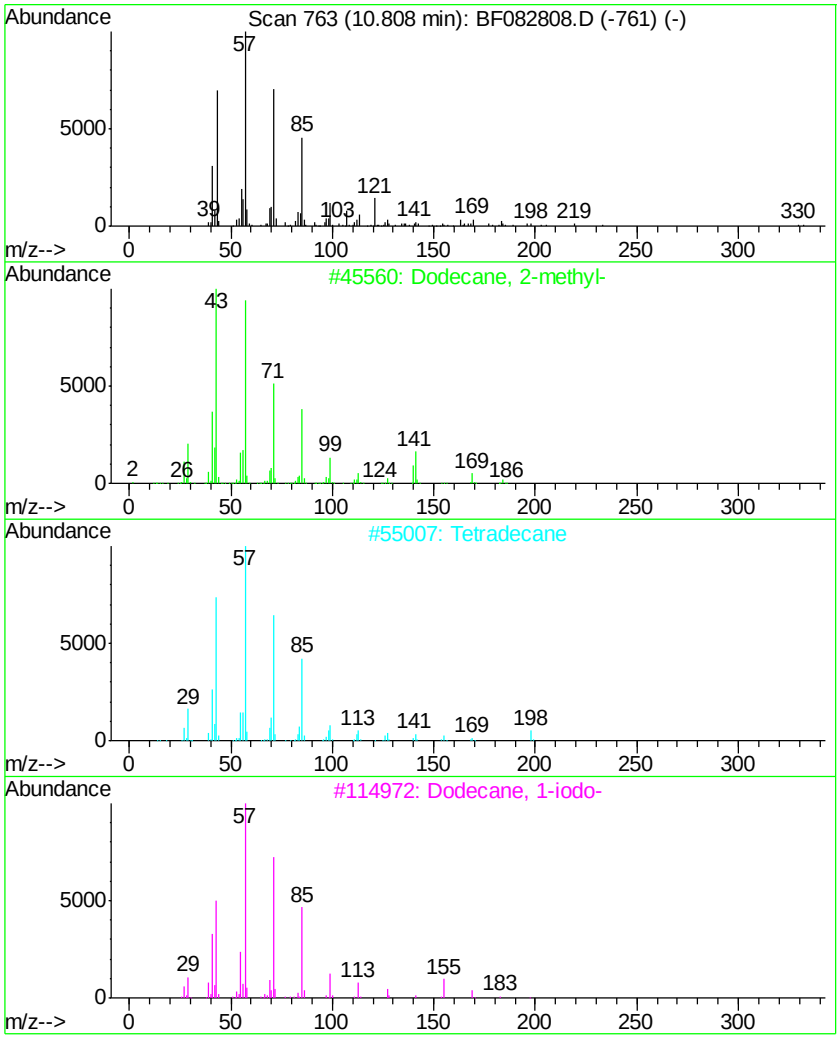
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

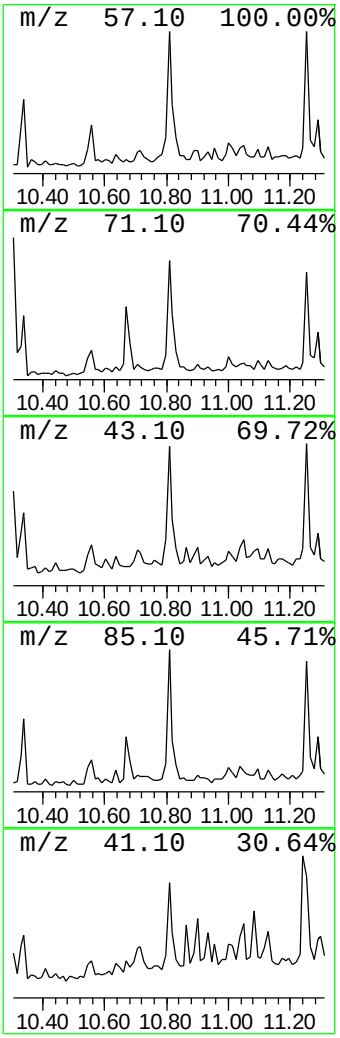
****

Peak Number 4 Dodecane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	3.60 ng	289409	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
2	Tetradecane	198	C14H30	000629-59-4	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Eicosane	282	C20H42	000112-95-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082808.D
Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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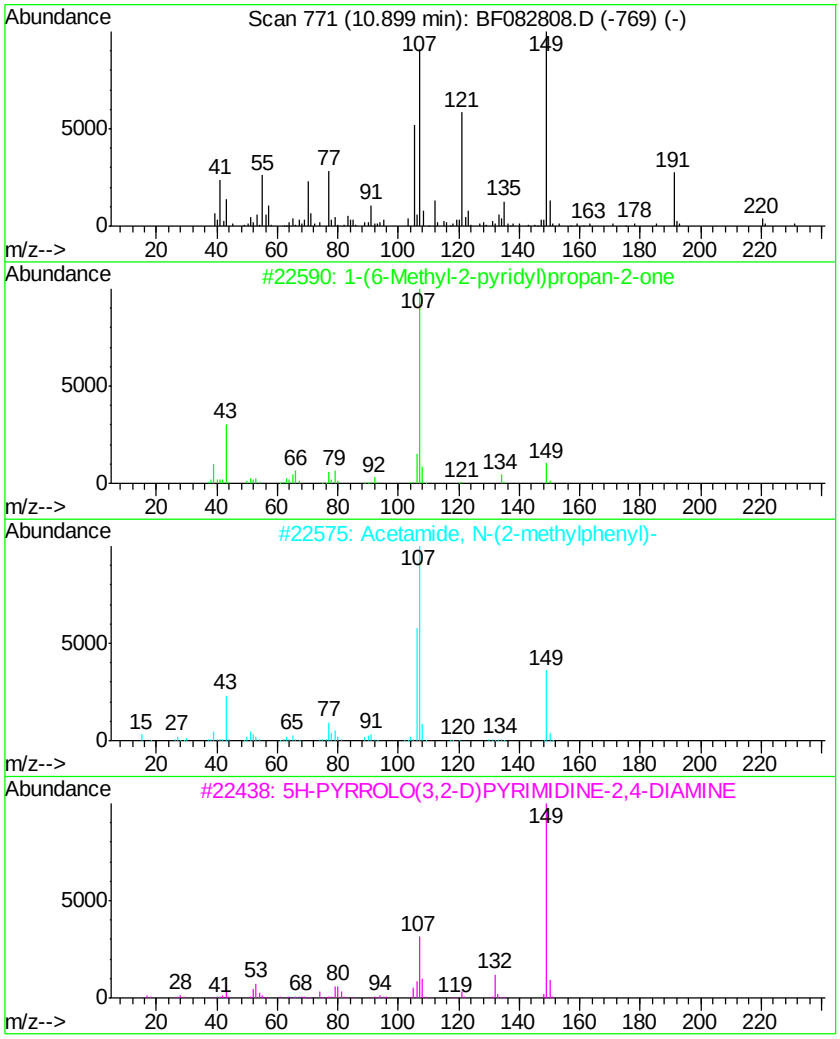
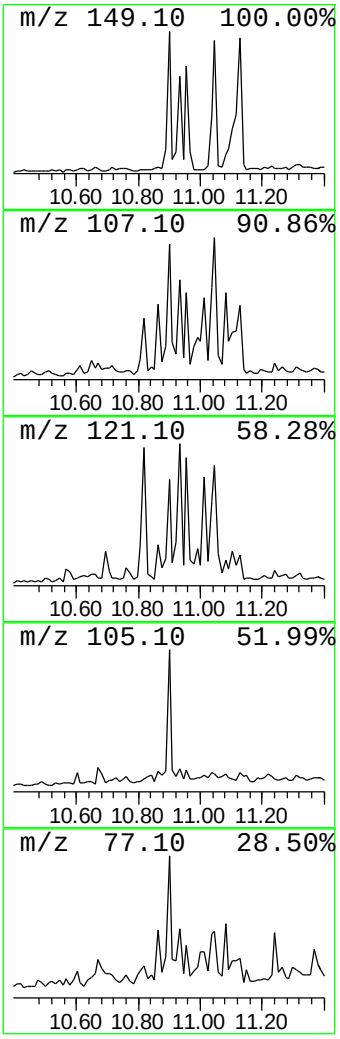
Peak Number 5 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.04 ng	244309	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	50
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	50
3	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	50
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
5	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082808.D
Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

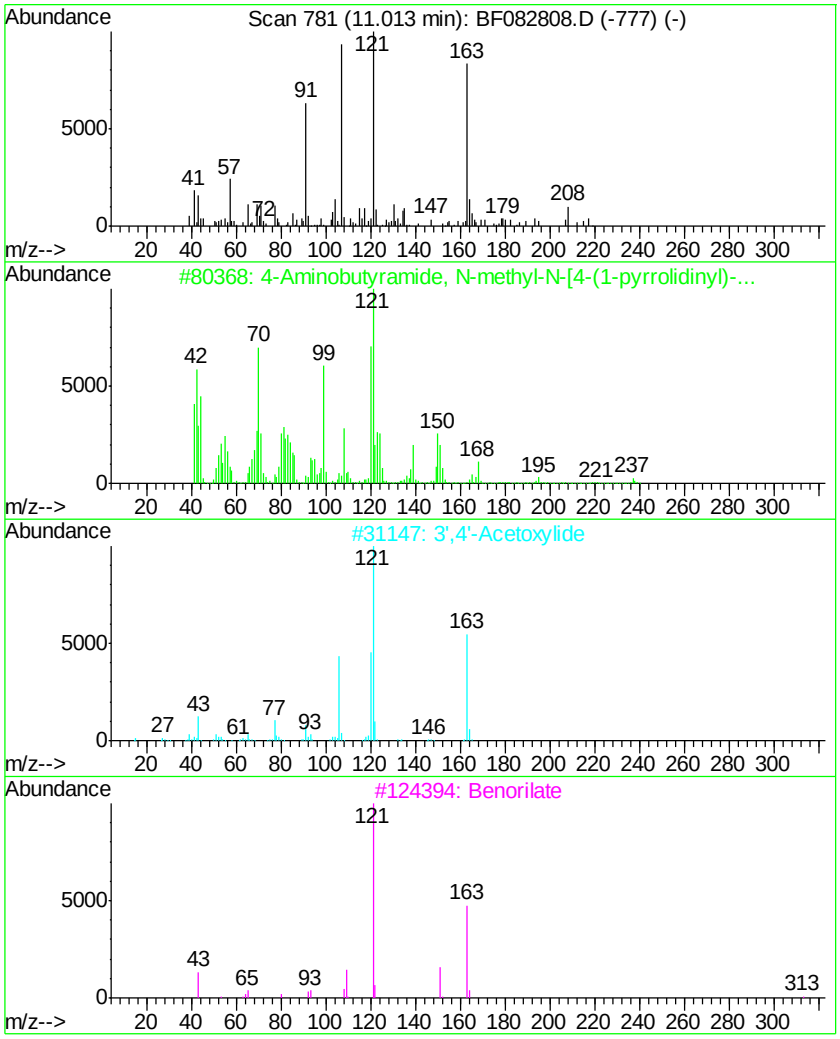
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

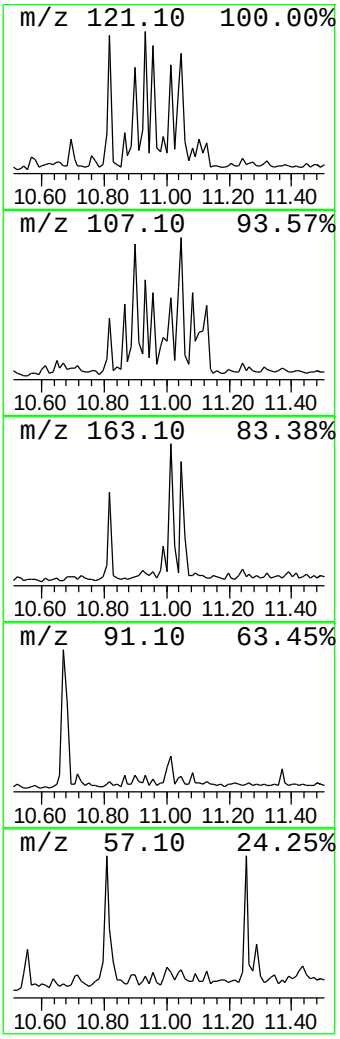
****

Peak Number 6 4-Aminobutyramide, N-methyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	2.13 ng	171633	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Aminobutyramide, N-methyl-N-[4...	237	C13H23N3O	124045-56-3	53
2	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	49
3	Benorilate	313	C17H15NO5	005003-48-5	43
4	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	27
5	1,2-Benzenedicarboxylic acid, et...	208	C11H12O4	034006-77-4	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082808.D
Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

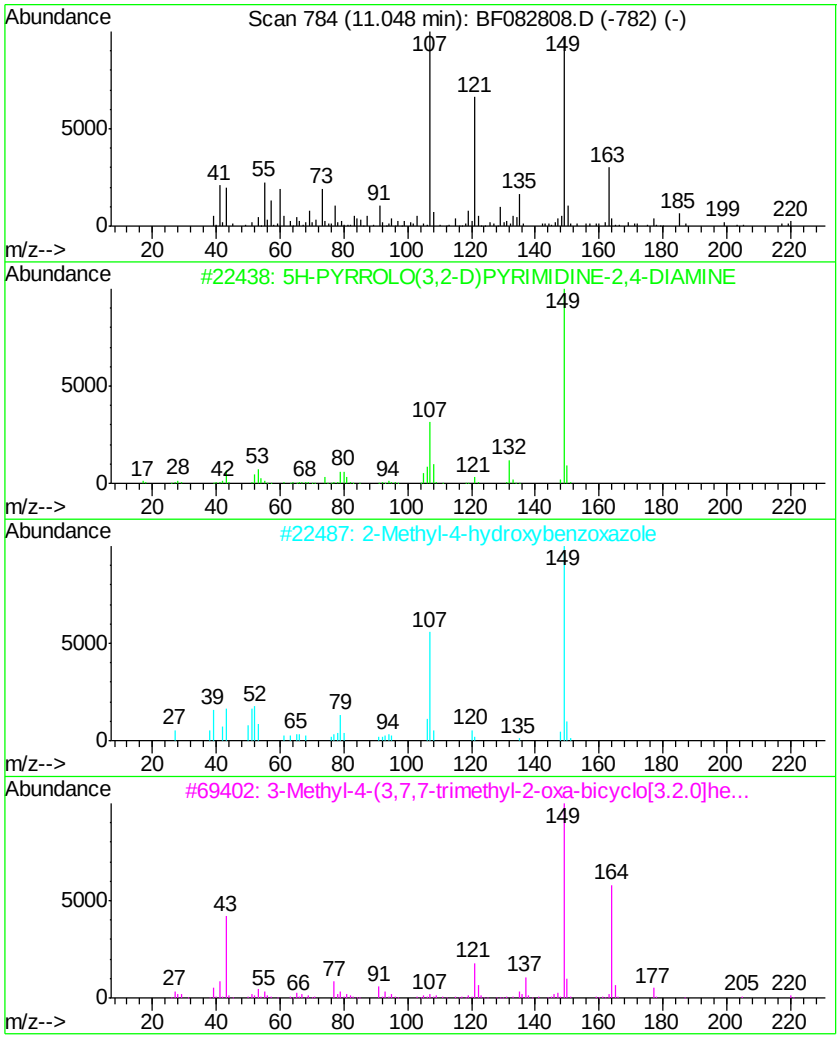
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

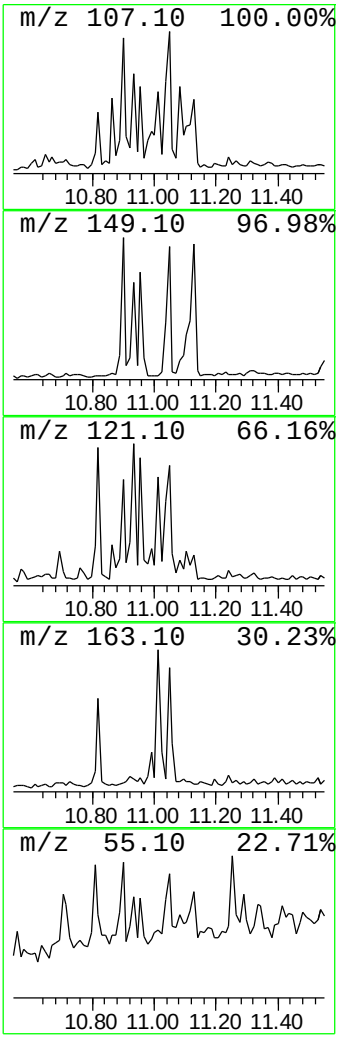
****

Peak Number 7 5H-PYRROLO(3,2-D)PYRIMIDINE... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	2.72 ng	218345	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	50
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	50
3	3-Methyl-4-(3,7,7-trimethyl-2-ox...	220	C14H20O2	1000189-10-9	38
4	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	30
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
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Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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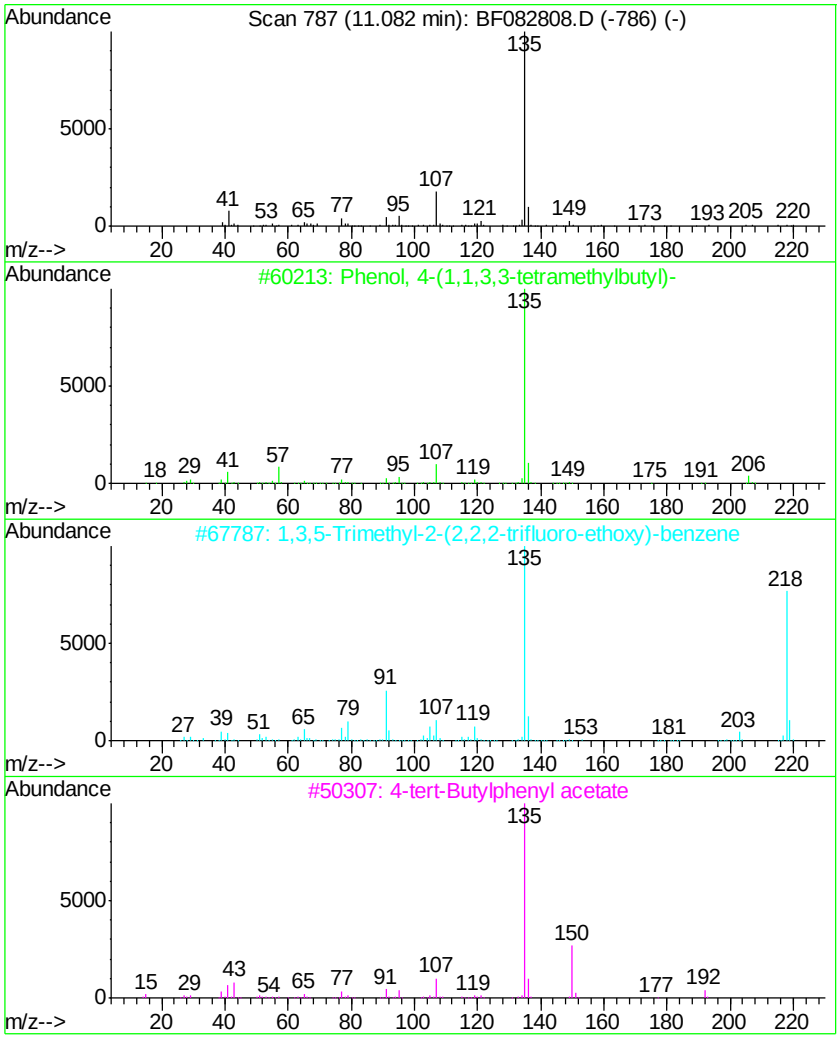
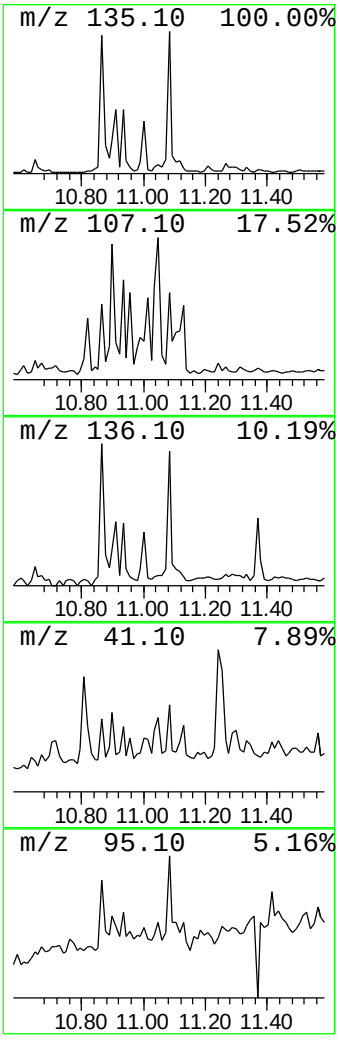
Peak Number 8 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	2.14 ng	171707	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	1,3,5-Trimethyl-2-(2,2,2-trifluo...	218	C11H13F3O	1000186-87-6	64
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
5	o-Anisic acid, tridec-2-ynyl ester	330	C21H30O3	1000292-57-9	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082808.D
Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

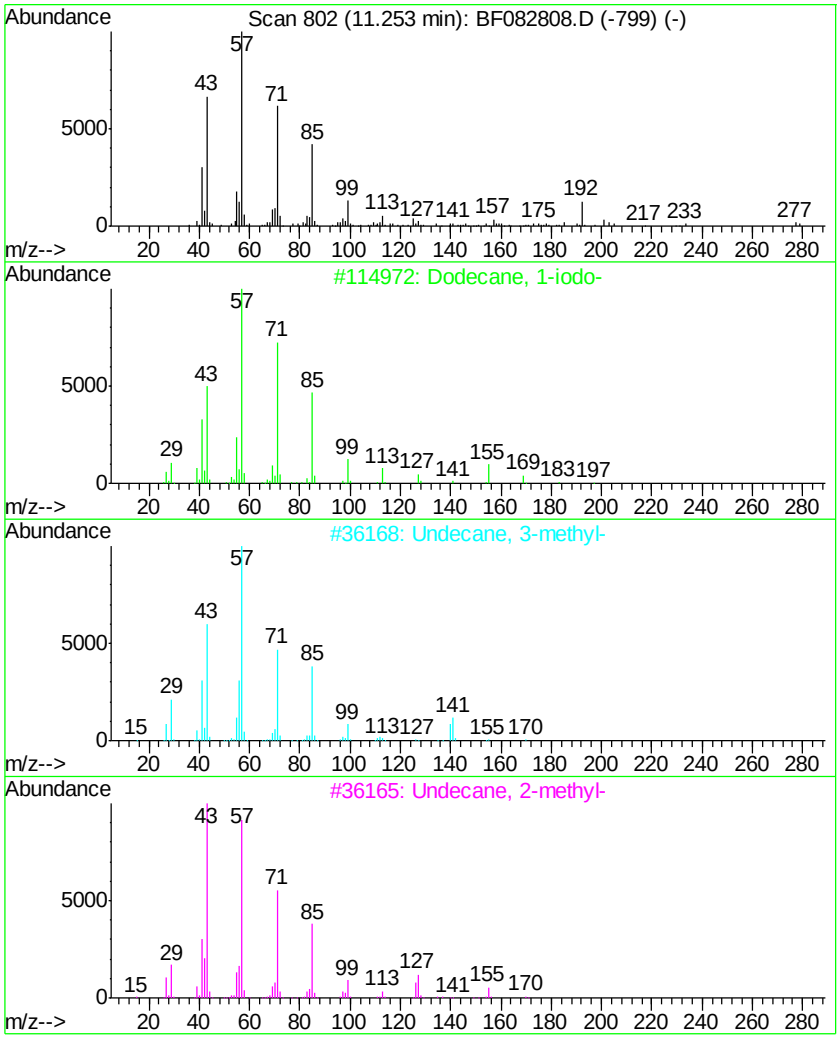
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

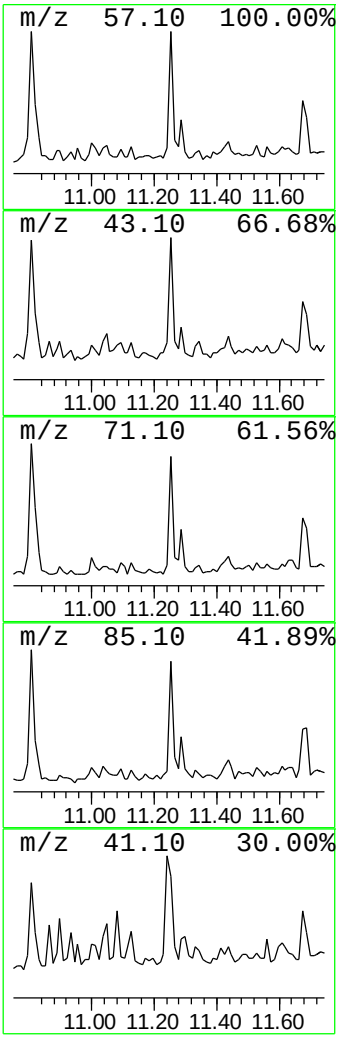
****

Peak Number 9 Dodecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.16 ng	254252	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
5	Eicosane	282	C20H42	000112-95-8	72





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Data File : BF082808.D
Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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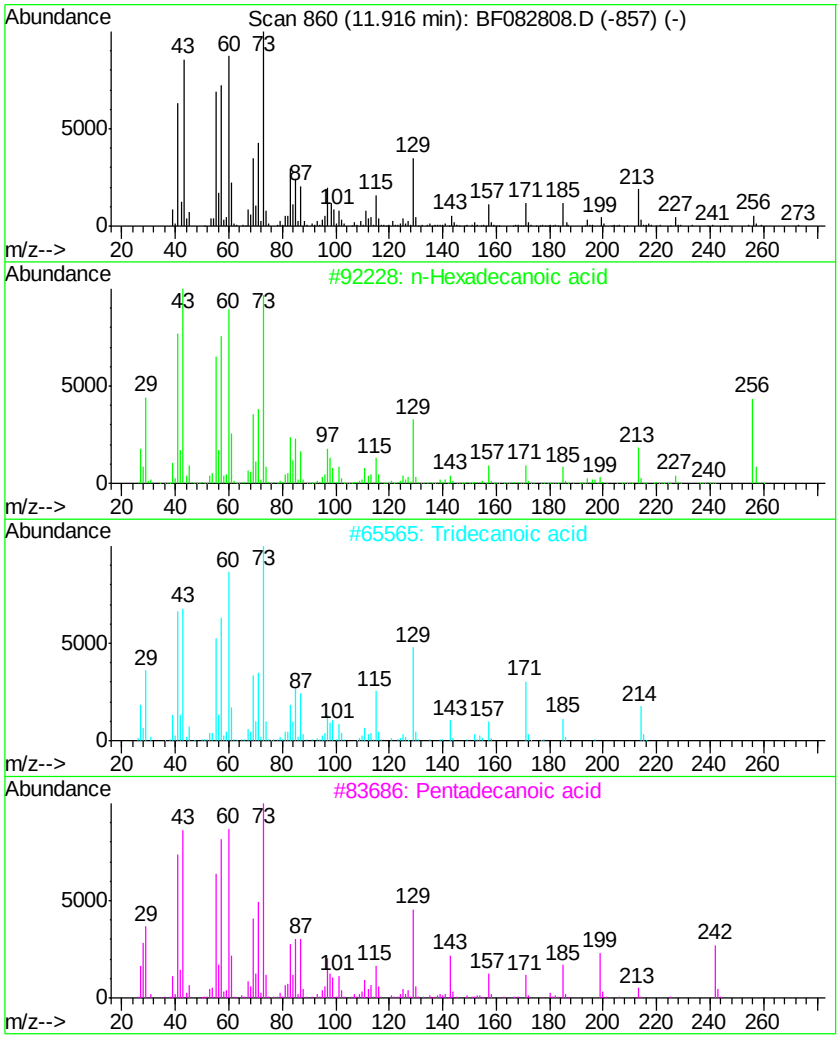
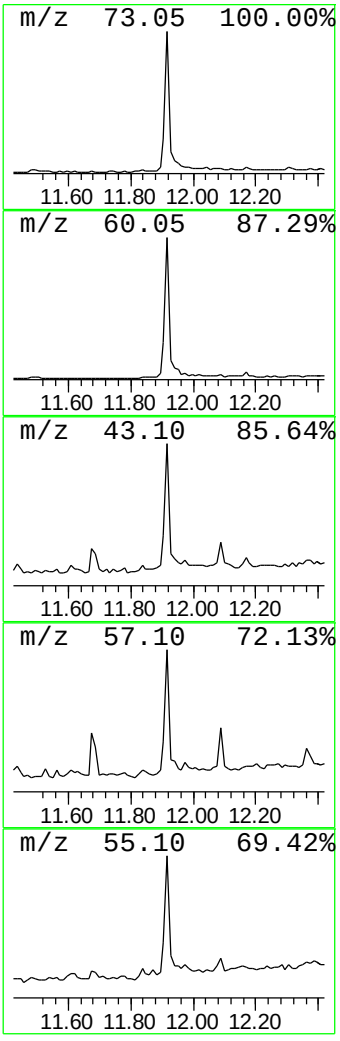
Peak Number 10 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	9.06 ng	728259	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecane	156	C11H24	001120-21-4	11





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Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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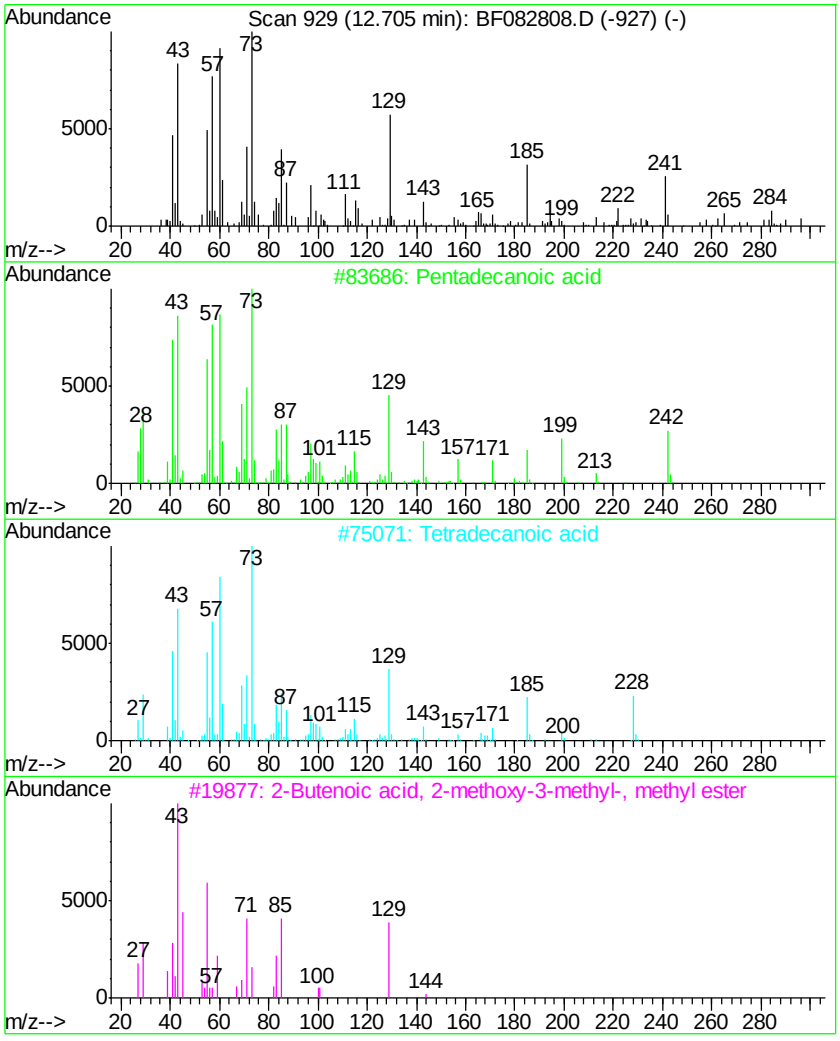
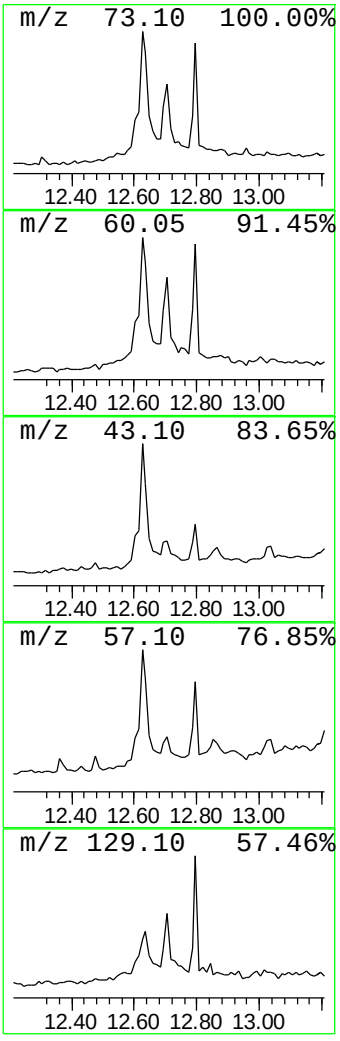
Peak Number 11 Pentadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	5.30 ng	466084	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	30
4	1-(p-Toluidino)-1-deoxy-.beta.-d...	269	C13H19NO5	1000226-06-4	27
5	Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	22





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Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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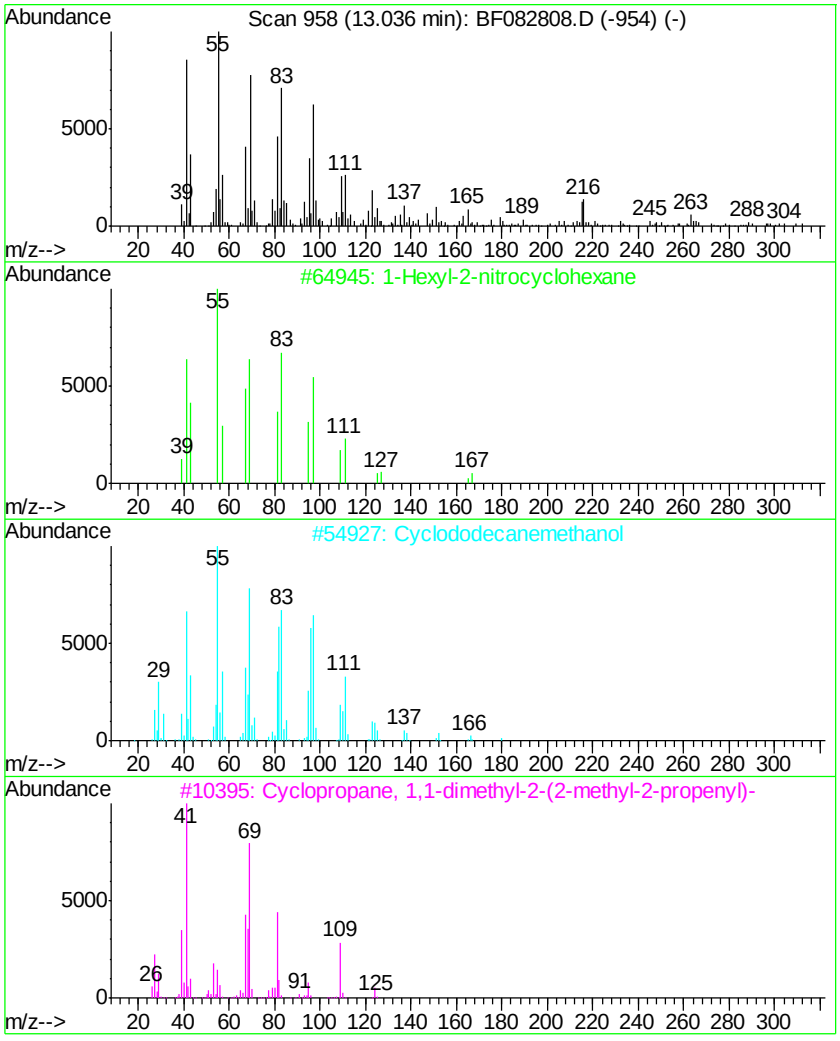
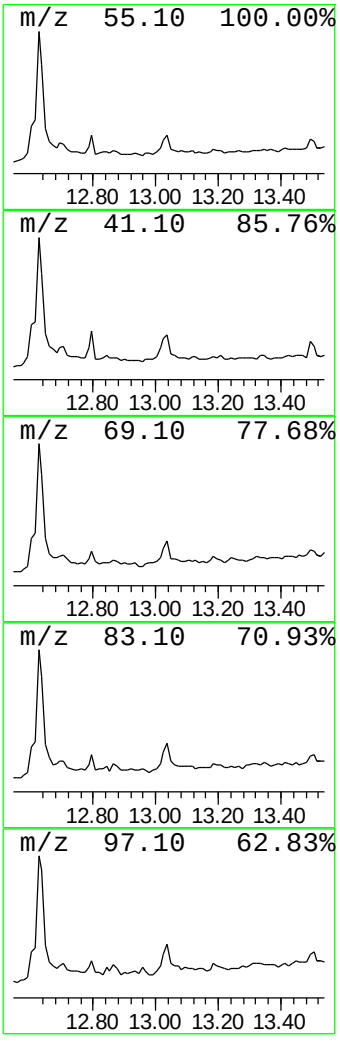
Peak Number 12 1-Hexyl-2-nitrocyclohexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	7.68 ng	675139	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	80
2	Cyclododecanemethanol	198	C13H26O	001892-12-2	72
3	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	43
4	2-Isopropenyl-5-methylhex-4-enal	152	C10H16O	075697-98-2	41
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	35





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Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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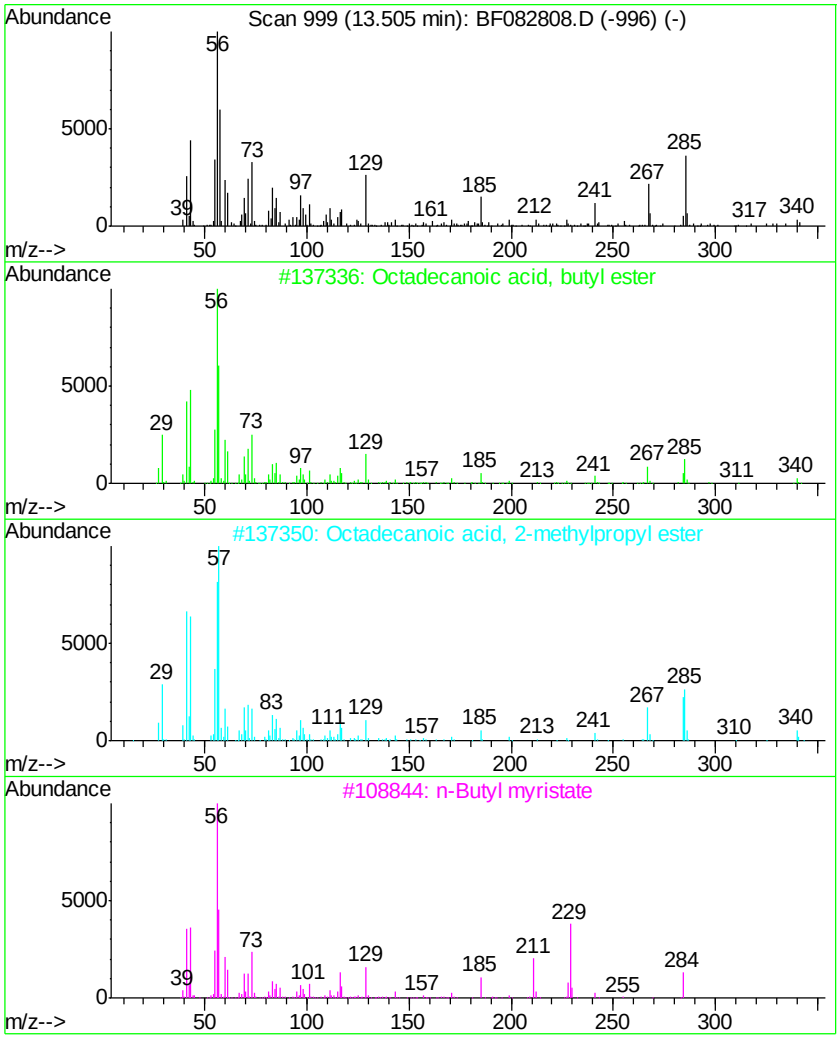
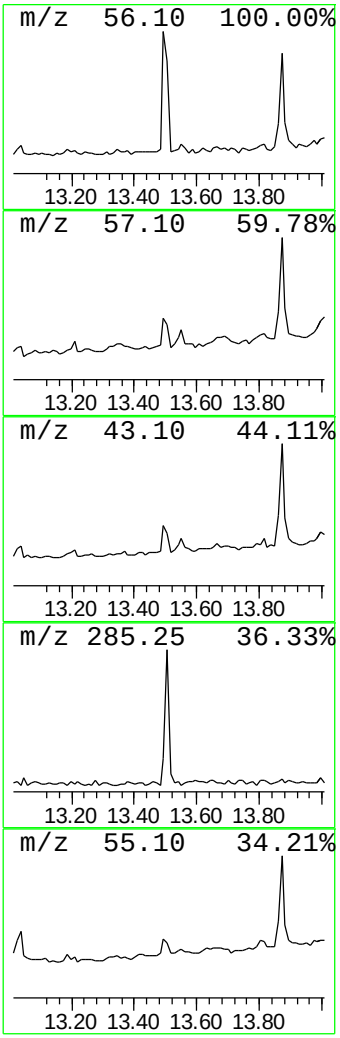
Peak Number 13 Octadecanoic acid, butyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	4.07 ng	357741	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	86
3	n-Butyl myristate	284	C18H36O2	000110-36-1	47
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	30





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Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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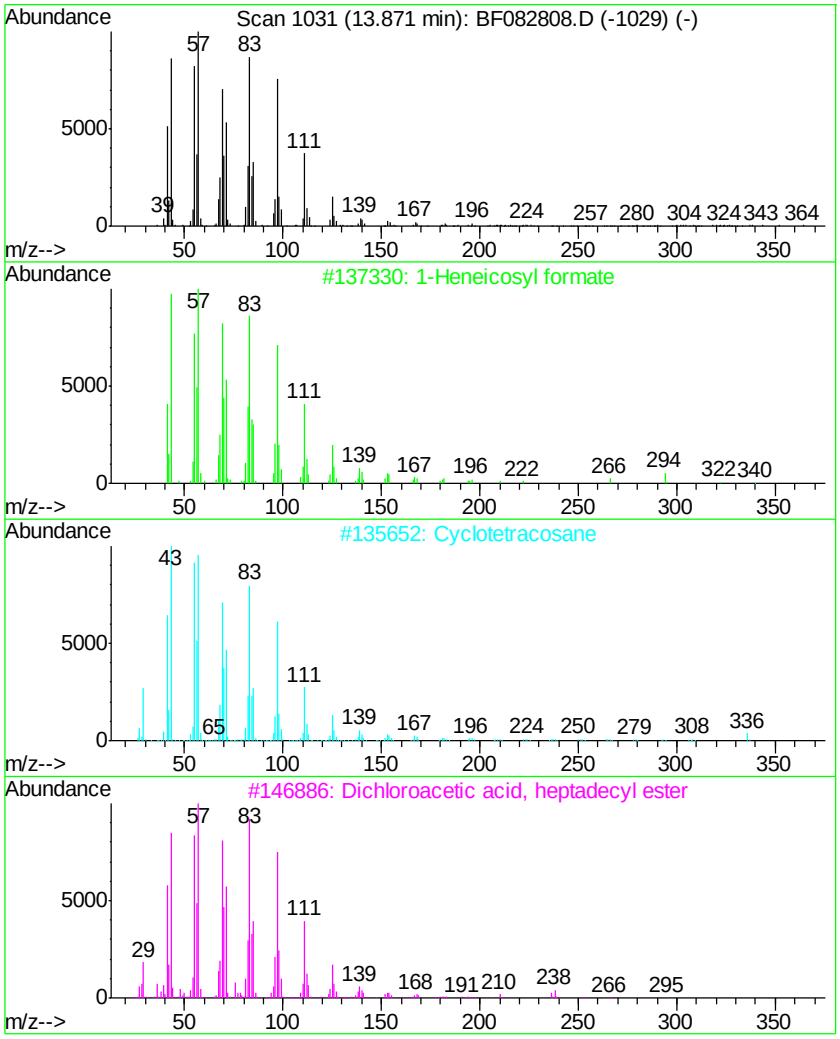
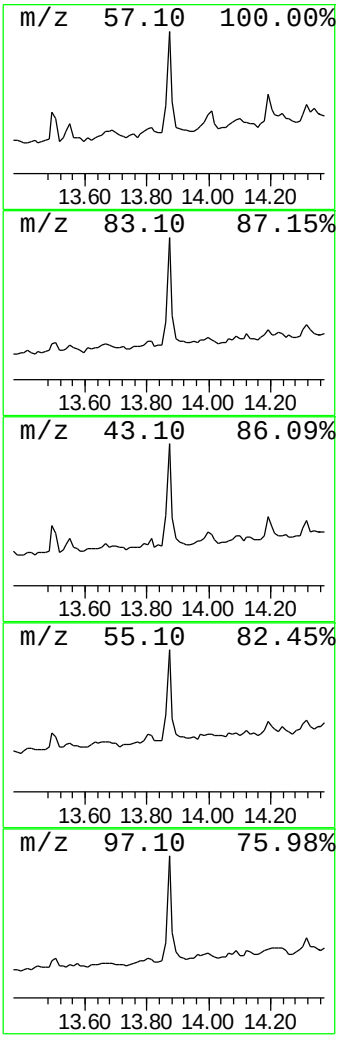
Peak Number 14 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.60 ng	843402	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Cyclotetracosane	336	C24H48	000297-03-0	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	1-Docosene	308	C22H44	001599-67-3	90





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Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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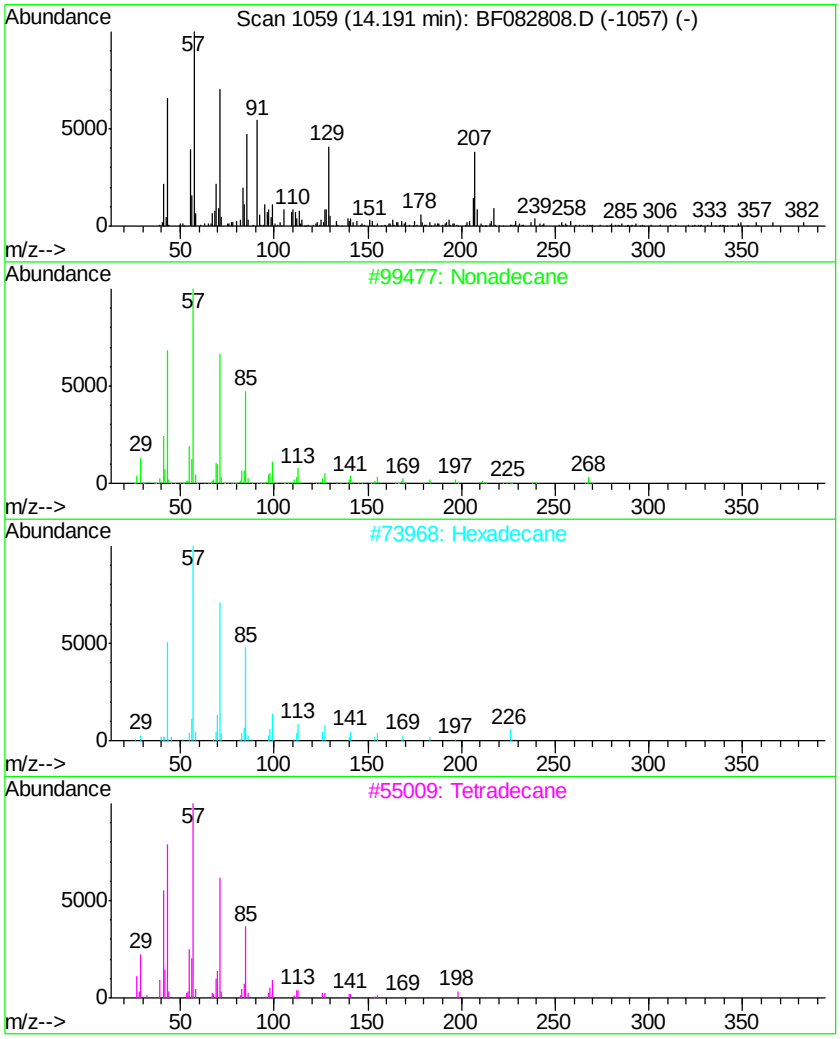
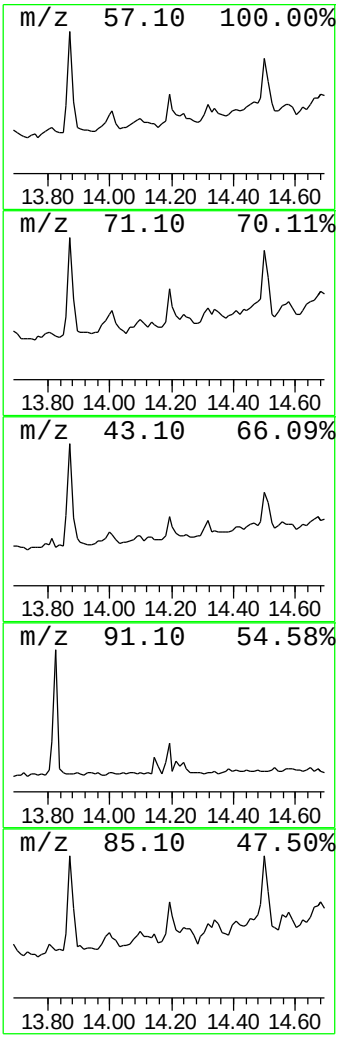
Peak Number 15 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	3.24 ng	284467	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	80
2	Hexadecane	226	C16H34	000544-76-3	49
3	Tetradecane	198	C14H30	000629-59-4	42
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	42
5	Tetracosane	338	C24H50	000646-31-1	42





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Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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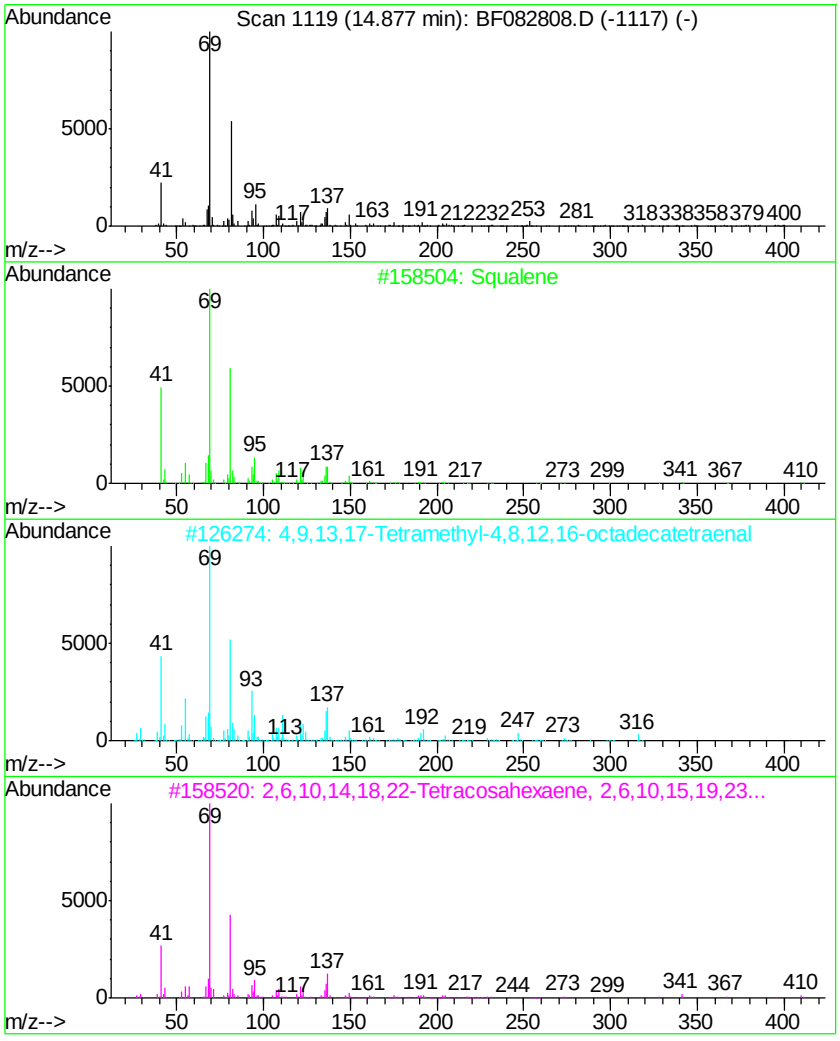
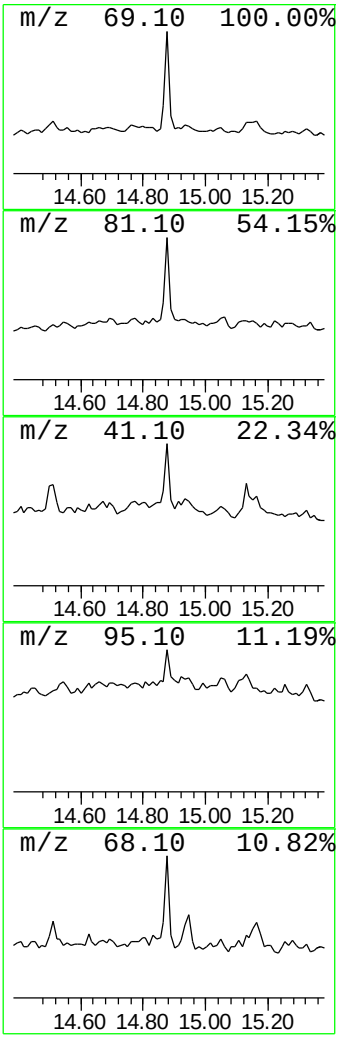
Peak Number 16 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	3.70 ng	323475	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	74
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	64





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Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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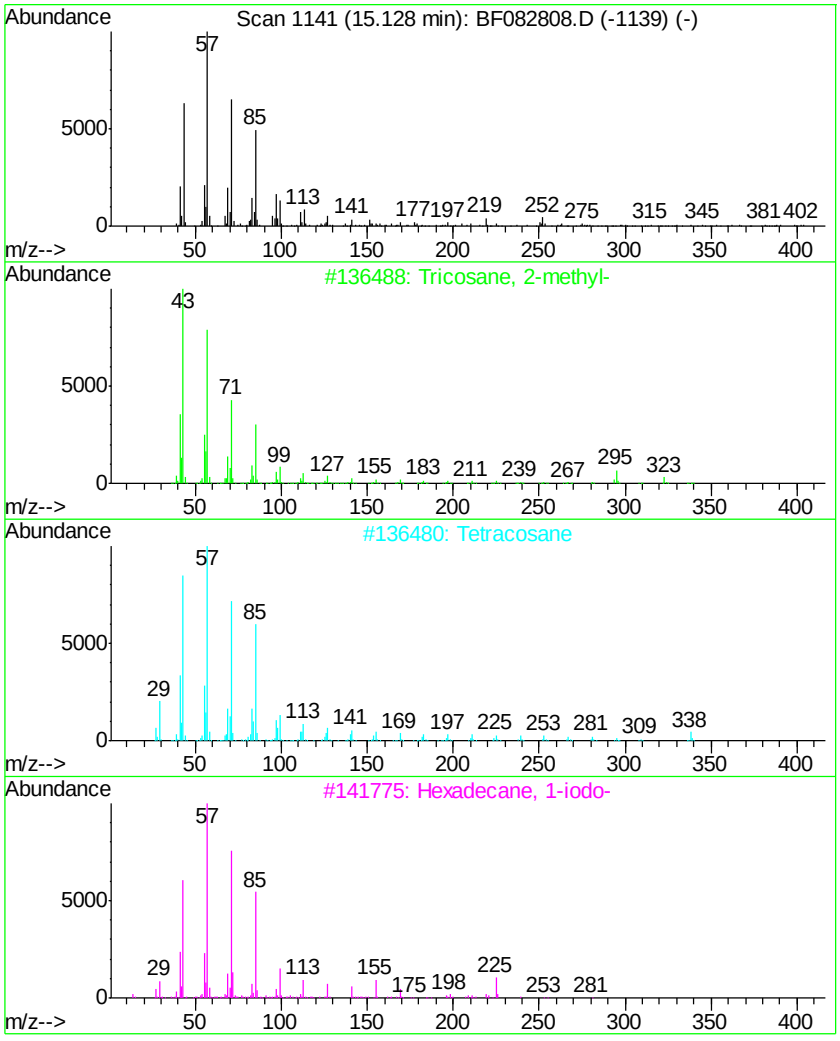
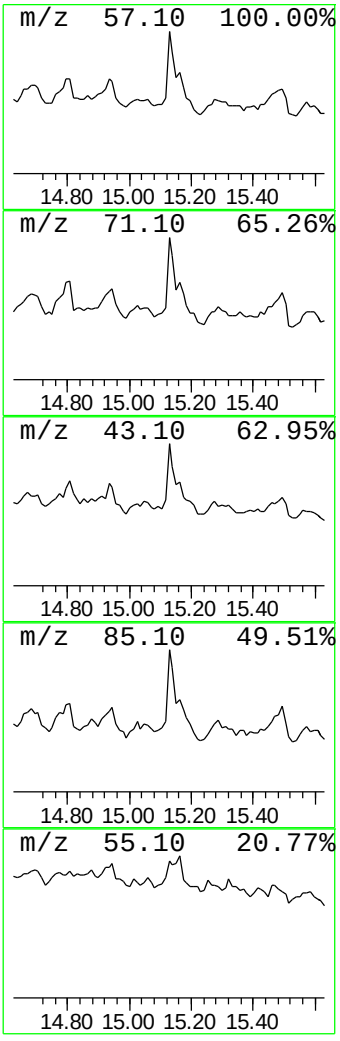
Peak Number 17 Tricosane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	9.35 ng	818260	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
2	Tetracosane	338	C24H50	000646-31-1	83
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	52
5	Hexadecane	226	C16H34	000544-76-3	52





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Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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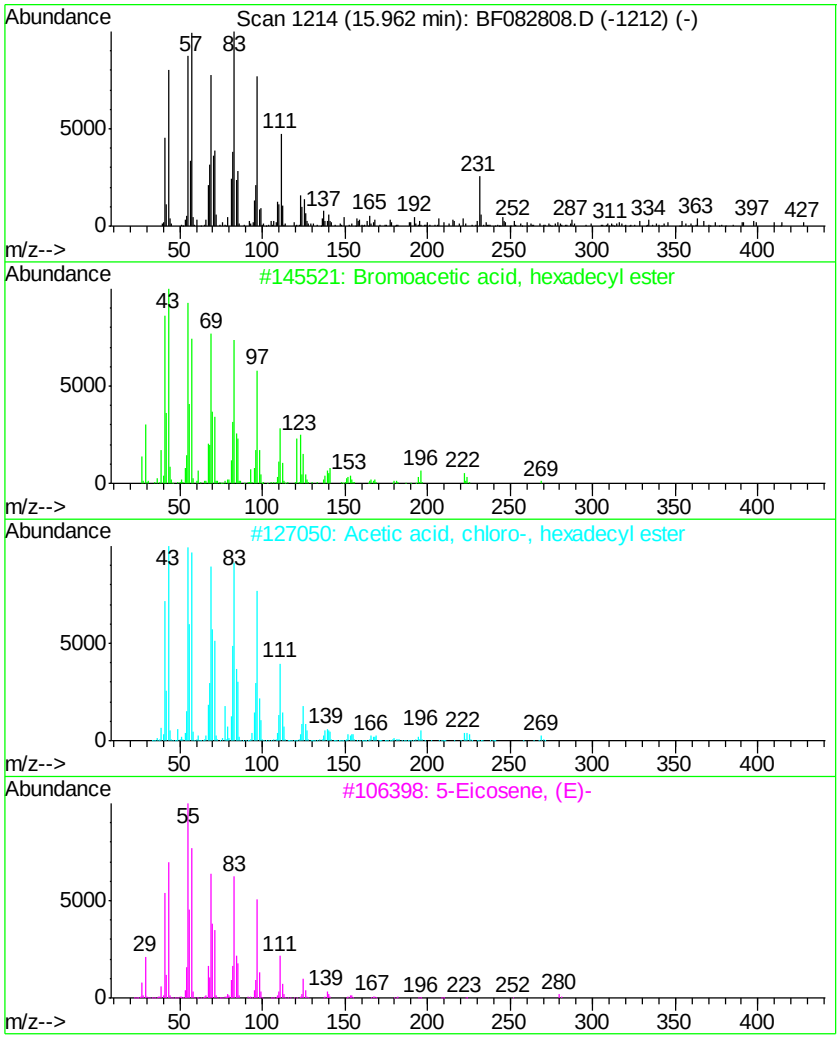
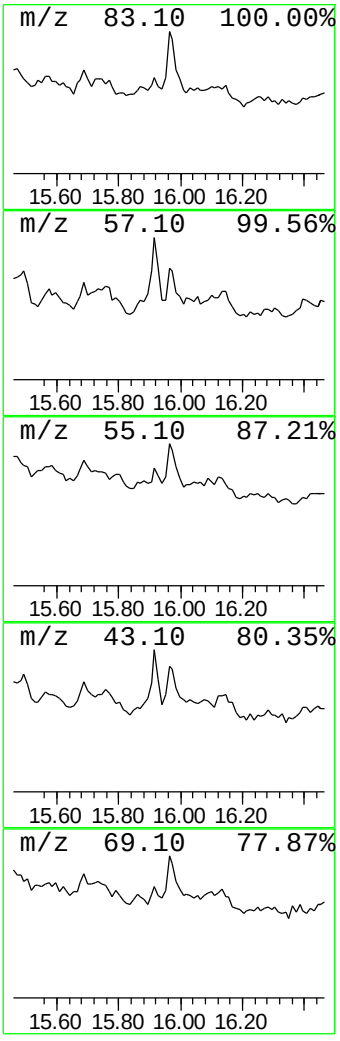
Peak Number 18 Bromoacetic acid, hexadecyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.98 ng	435641	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	86
2	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	72
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	64
4	1-Nonadecanol	284	C19H40O	001454-84-8	62
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082808.D
Acq On : 7 Nov 2015 14:01
Operator : UM/IZ
Sample : G4257-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WABUT-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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
2-Pentanone, 4-hy...	5.05	42.5	ng	3271340	1	6.85	1538770	20.0
unknown6.62	6.62	83.0	ng	6387640	1	6.85	1538770	20.0
Dodecane, 2-methyl-	10.81	3.6	ng	289409	4	11.37	1608230	20.0
1-(6-Methyl-2-pyr...	10.90	3.0	ng	244309	4	11.37	1608230	20.0
4-Aminobutyramide...	11.01	2.1	ng	171633	4	11.37	1608230	20.0
5H-PYRROLO(3,2-D)...	11.05	2.7	ng	218345	4	11.37	1608230	20.0
Phenol, 4-(1,1,3,...	11.08	2.1	ng	171707	4	11.37	1608230	20.0
Dodecane, 1-iodo-	11.25	3.2	ng	254252	4	11.37	1608230	20.0
n-Hexadecanoic acid	11.92	9.1	ng	728259	4	11.37	1608230	20.0
Pentadecanoic acid	12.71	5.3	ng	466084	5	14.01	1757400	20.0
1-Hexyl-2-nitrocy...	13.04	7.7	ng	675139	5	14.01	1757400	20.0
Octadecanoic acid...	13.51	4.1	ng	357741	5	14.01	1757400	20.0
1-Heneicosyl formate	13.87	9.6	ng	843402	5	14.01	1757400	20.0
Nonadecane	14.19	3.2	ng	284467	5	14.01	1757400	20.0
Squalene	14.88	3.7	ng	323475	6	15.45	1749500	20.0
Tricosane, 2-methyl-	15.13	9.3	ng	818260	6	15.45	1749500	20.0
Bromoacetic acid,...	15.96	5.0	ng	435641	6	15.45	1749500	20.0