LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077451.D
Acq On : 26 Feb 2015 1:29
Operator : IZ / TP
Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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	0.944	3	5	10	rVB2	47844	73277	3.75%	0.326%
2	1.458	48	50	53	rBV	193679	227396	11.64%	1.012%
3	1.595	57	62	65	rVB	107373	205833	10.54%	0.916%
4	1.767	74	77	80	rVB	55881	66797	3.42%	0.297%
5	1.870	83	86	94	rBV2	36769	67489	3.46%	0.300%
6	3.596	234	237	242	rVB	19598	35913	1.84%	0.160%
7	5.070	364	366	372	rVB	285480	332407	17.02%	1.479%
8	5.573	408	410	413	rBV	1031481	1203164	61.61%	5.353%
9	6.087	452	455	459	rVB	18253	19897	1.02%	0.089%
10	6.842	518	521	523	rBV	1302893	1369139	70.11%	6.091%
11	6.990	532	534	537	rVB	1175807	1312154	67.19%	5.838%
12	7.287	557	560	562	rBV	628070	563577	28.86%	2.507%
13	7.470	574	576	579	rVB	1119016	1022040	52.34%	4.547%
14	7.973	618	620	623	rVB	917385	789804	40.44%	3.514%
15	8.865	696	698	700	rVB	798579	781230	40.01%	3.476%
16	9.562	757	759	762	rVB	19287	23660	1.21%	0.105%
17	10.213	813	816	818	rBV	1171050	1568784	80.33%	6.979%
18	10.716	858	860	862	rBV	30484	47025	2.41%	0.209%
19	11.036	886	888	890	rBV	1008476	930467	47.65%	4.140%
20	11.071	890	891	894	rVB	16660	20791	1.06%	0.092%
21	11.379	915	918	922	rBV	81122	105580	5.41%	0.470%
22	11.939	964	967	969	rVB	55903	68439	3.50%	0.304%
23	12.008	971	973	976	rBV2	903256	1003183	51.37%	4.463%
24	12.877	1046	1049	1051	rBV	1125066	1001607	51.29%	4.456%
25	13.105	1066	1069	1073	rBV	25810	40876	2.09%	0.182%
26	14.065	1148	1153	1155	rBV5	6187	20960	1.07%	0.093%
27	14.385	1179	1181	1183	rVV	37760	71208	3.65%	0.317%
28	14.477	1185	1189	1192	rVB	173086	418644	21.44%	1.862%
29	14.877	1221	1224	1226	rBV	1417799	1952819	100.00%	8.688%
30	15.951	1316	1318	1323	rVB	18068	36550	1.87%	0.163%
31	16.043	1323	1326	1331	rBV	162813	279866	14.33%	1.245%
32	16.157	1334	1336	1339	rBV	963496	1124303	57.57%	5.002%
33	16.454	1360	1362	1365	rVB	23129	31158	1.60%	0.139%
34	16.568	1370	1372	1374	rBV	51777	63483	3.25%	0.282%

LSC Area Percent Report

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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.751	1385	1388	1390	rBV	136138	157273	8.05%	0.700%
36	16.854	1394	1397	1401	rBV	329148	533090	27.30%	2.372%
37	17.231	1428	1430	1435	rBV2	25606	55821	2.86%	0.248%
38	17.391	1442	1444	1446	rBV2	25004	35193	1.80%	0.157%
39	17.608	1461	1463	1469	rBV2	118668	276108	14.14%	1.228%
40	17.689	1469	1470	1472	rVB2	16350	22833	1.17%	0.102%
41	17.871	1483	1486	1489	rBV	898898	1113980	57.04%	4.956%
42	18.009	1495	1498	1500	rBV2	17594	31187	1.60%	0.139%
43	18.214	1513	1516	1518	rBV	42638	73645	3.77%	0.328%
44	18.454	1534	1537	1538	rBV	62148	100171	5.13%	0.446%
45	18.500	1538	1541	1545	rVB	196698	358050	18.34%	1.593%
46	18.694	1556	1558	1561	rVB2	20408	32938	1.69%	0.147%
47	19.254	1604	1607	1610	rBV	51400	102056	5.23%	0.454%
48	19.403	1618	1620	1623	rVB3	19419	39619	2.03%	0.176%
49	19.540	1629	1632	1635	rBV4	62381	177477	9.09%	0.790%
50	19.632	1635	1640	1647	rVV4	92951	477728	24.46%	2.125%
51	19.734	1647	1649	1651	rVV3	28524	56930	2.92%	0.253%
52	19.780	1651	1653	1661	rVB3	47867	112521	5.76%	0.501%
53	19.952	1665	1668	1671	rBV2	139285	326645	16.73%	1.453%
54	20.020	1671	1674	1676	rVB3	32221	71895	3.68%	0.320%
55	20.260	1691	1695	1699	rBV4	67435	173887	8.90%	0.774%
56	20.340	1699	1702	1703	rVV3	26100	64012	3.28%	0.285%
57	20.397	1703	1707	1712	rVV2	102676	290507	14.88%	1.292%
58	20.500	1713	1716	1721	rVB6	25426	68526	3.51%	0.305%
59	20.649	1726	1729	1733	rVV5	19341	60636	3.11%	0.270%
60	20.775	1733	1740	1746	rVB	140051	418615	21.44%	1.862%
61	20.957	1752	1756	1763	rBV4	44329	134711	6.90%	0.599%
62	21.232	1776	1780	1783	rBV5	47515	144274	7.39%	0.642%
63	21.289	1783	1785	1790	rVB5	38351	87816	4.50%	0.391%

Sum of corrected areas: 22477664

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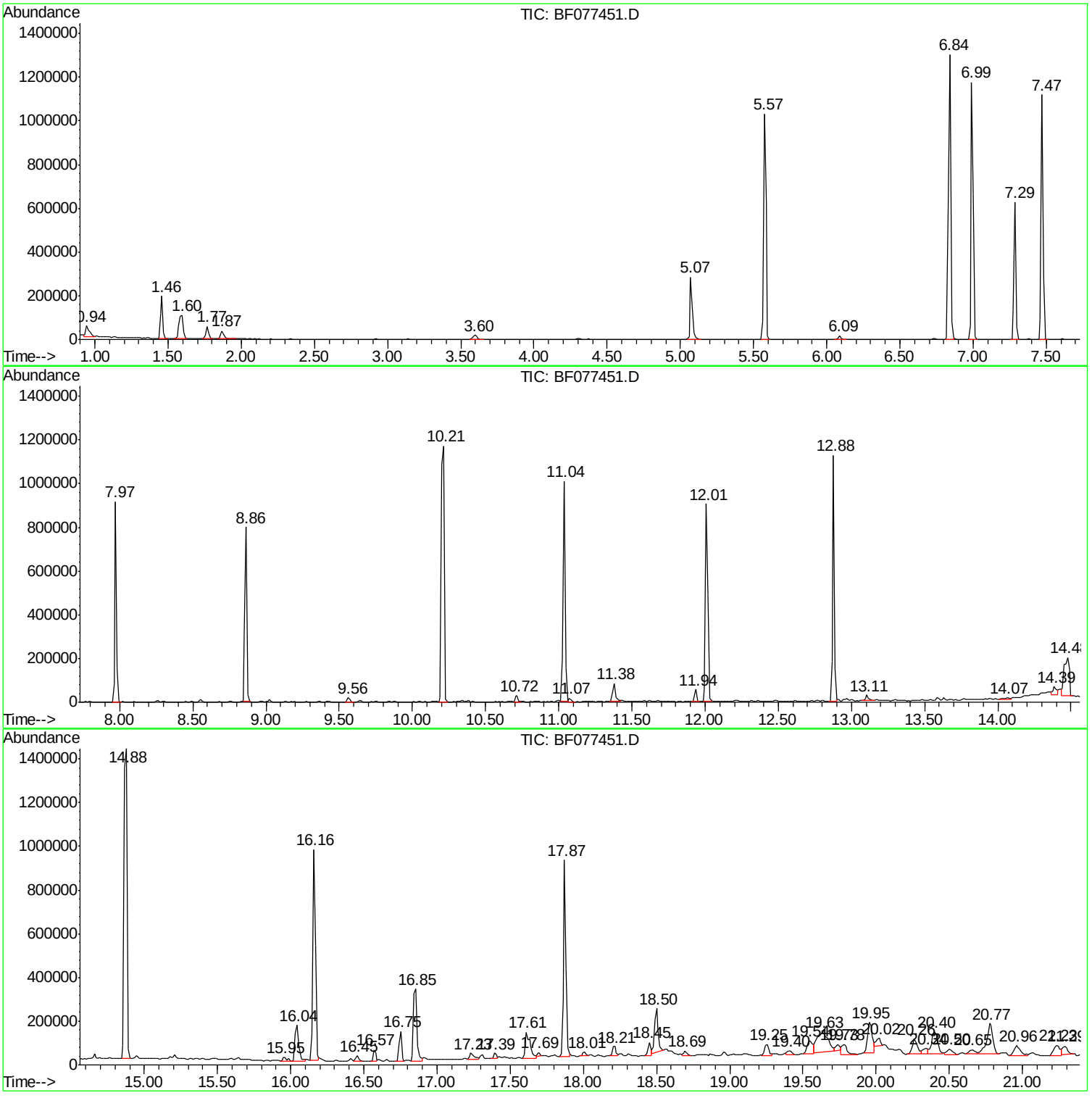
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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

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Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

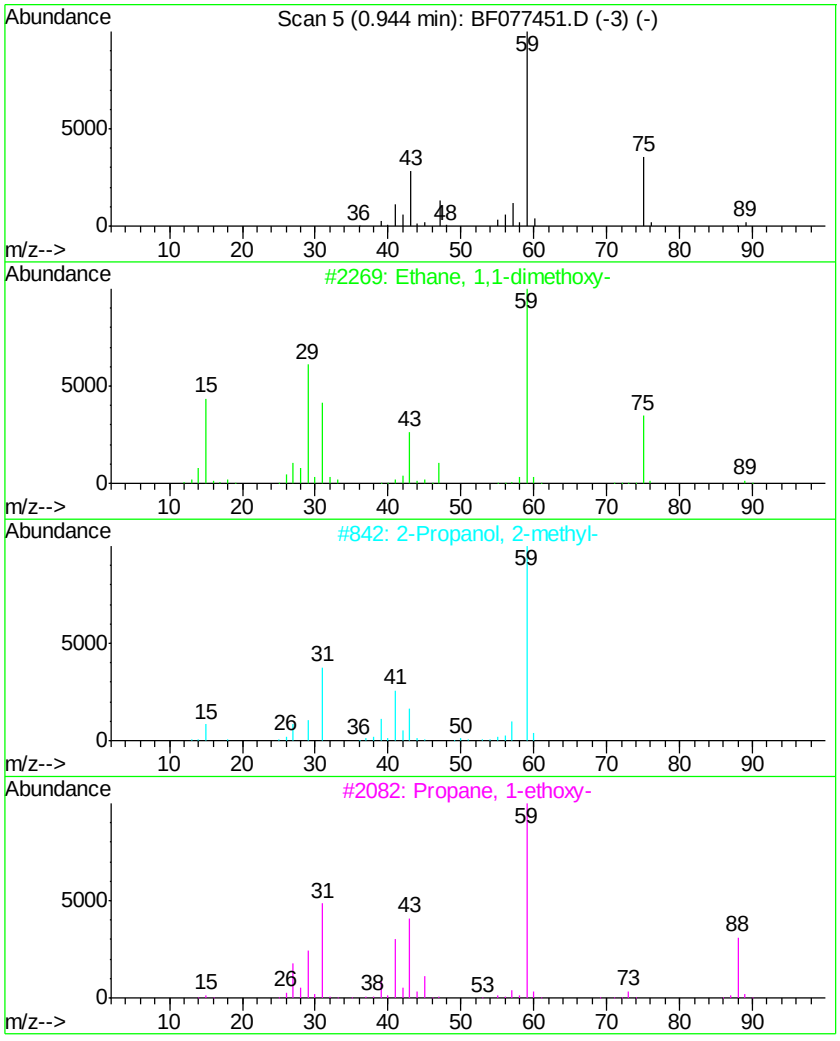
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

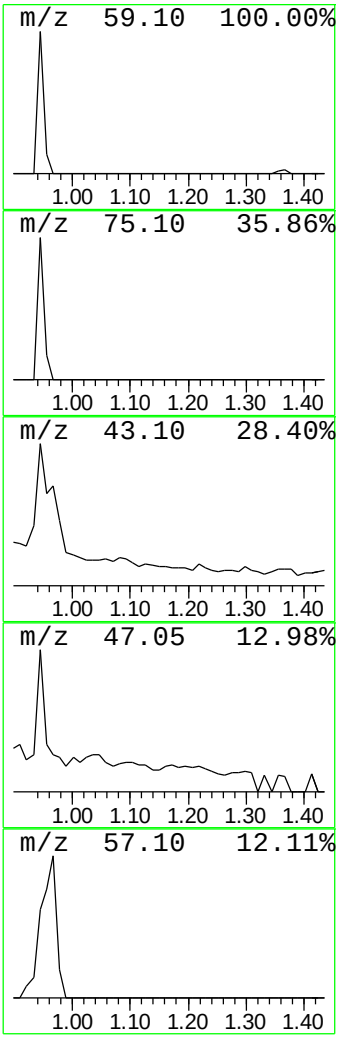
****

Peak Number 1 Ethane, 1,1-dimethoxy- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
0.94	2.60 ng	73277	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	72
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	42
3	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	33
4	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	28
5	Propane, 2-methoxy-	74	C4H10O	000598-53-8	28





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077451.D
Acq On : 26 Feb 2015 1:29
Operator : IZ / TP
Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

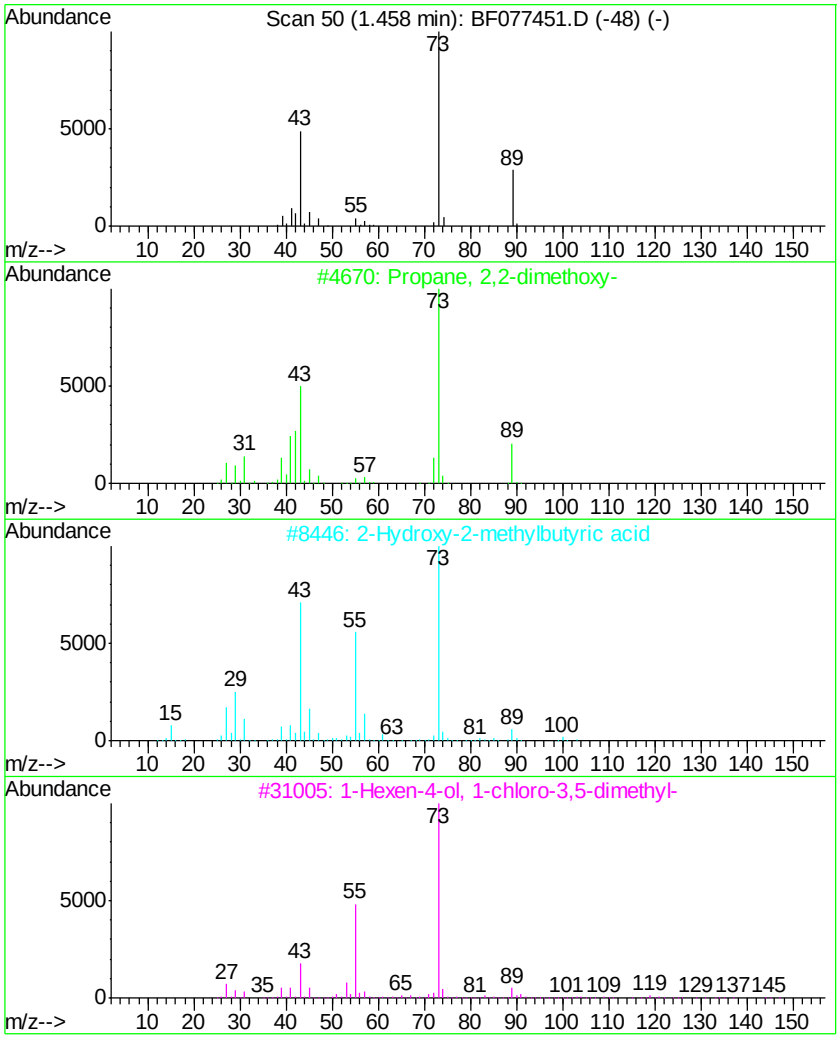
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

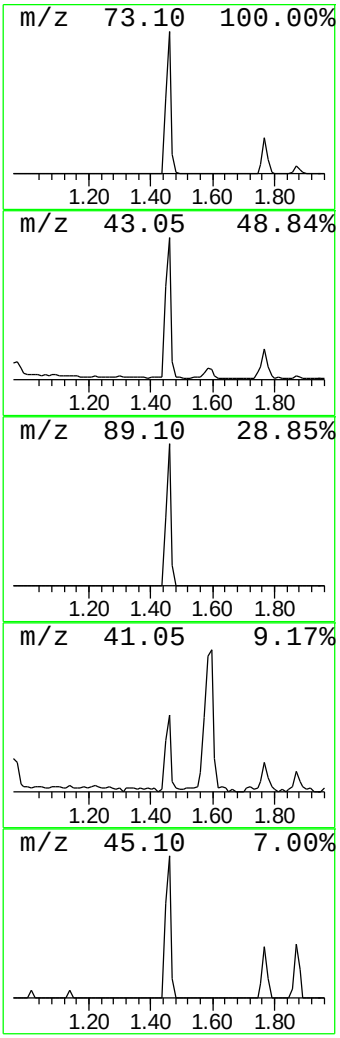
****

Peak Number 2 unknown1.46 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.46	8.07 ng	227396	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	39
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Acq On : 26 Feb 2015 1:29
Operator : IZ / TP
Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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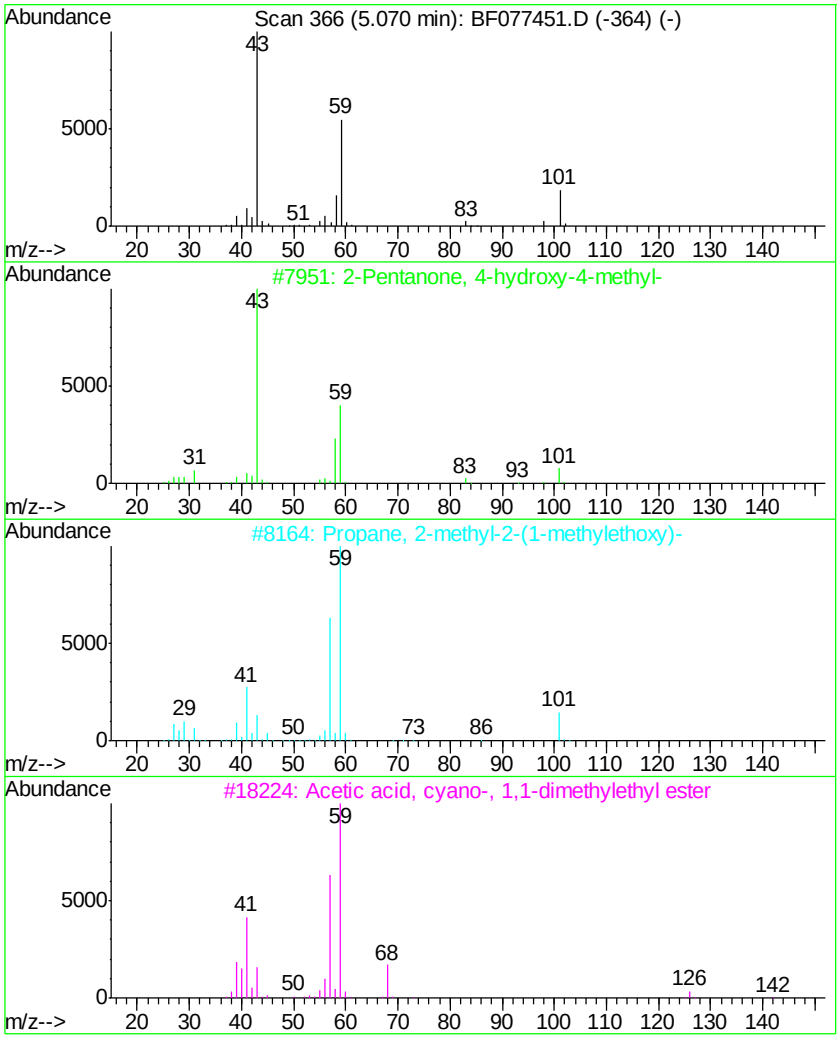
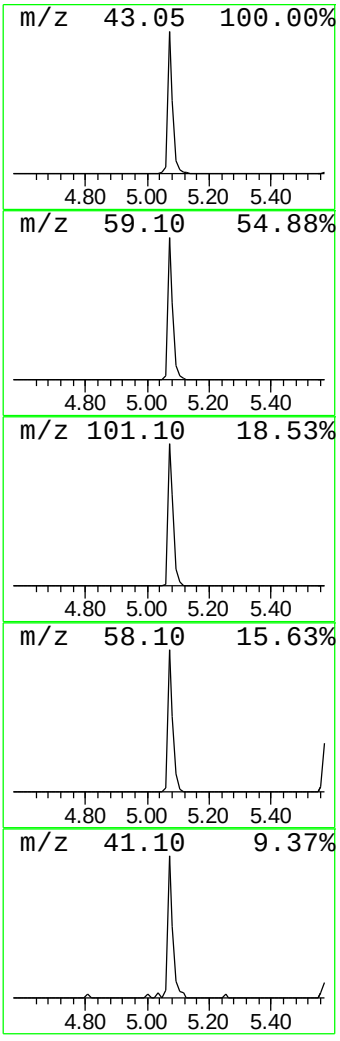
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	11.80 ng	332407	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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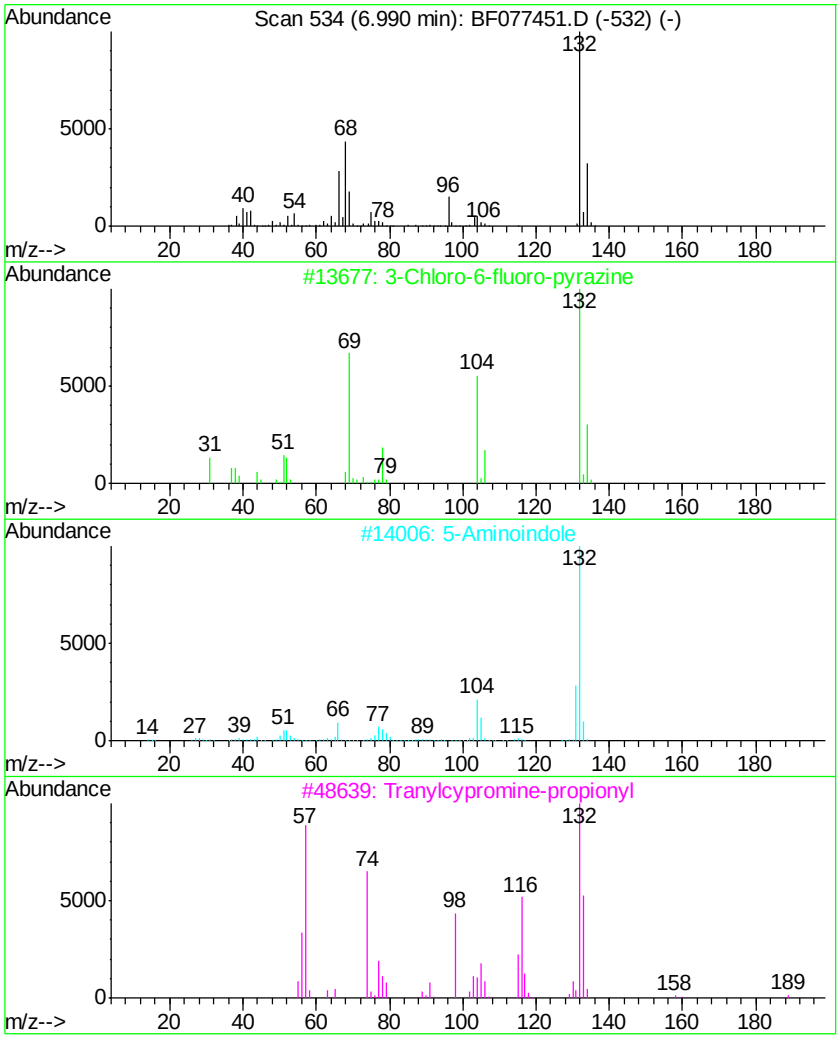
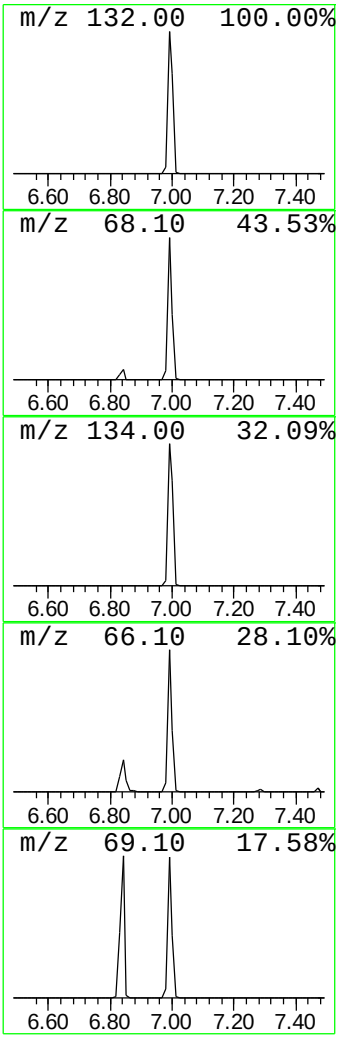
****

Peak Number 5 unknown6.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	46.57 ng	1312150	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

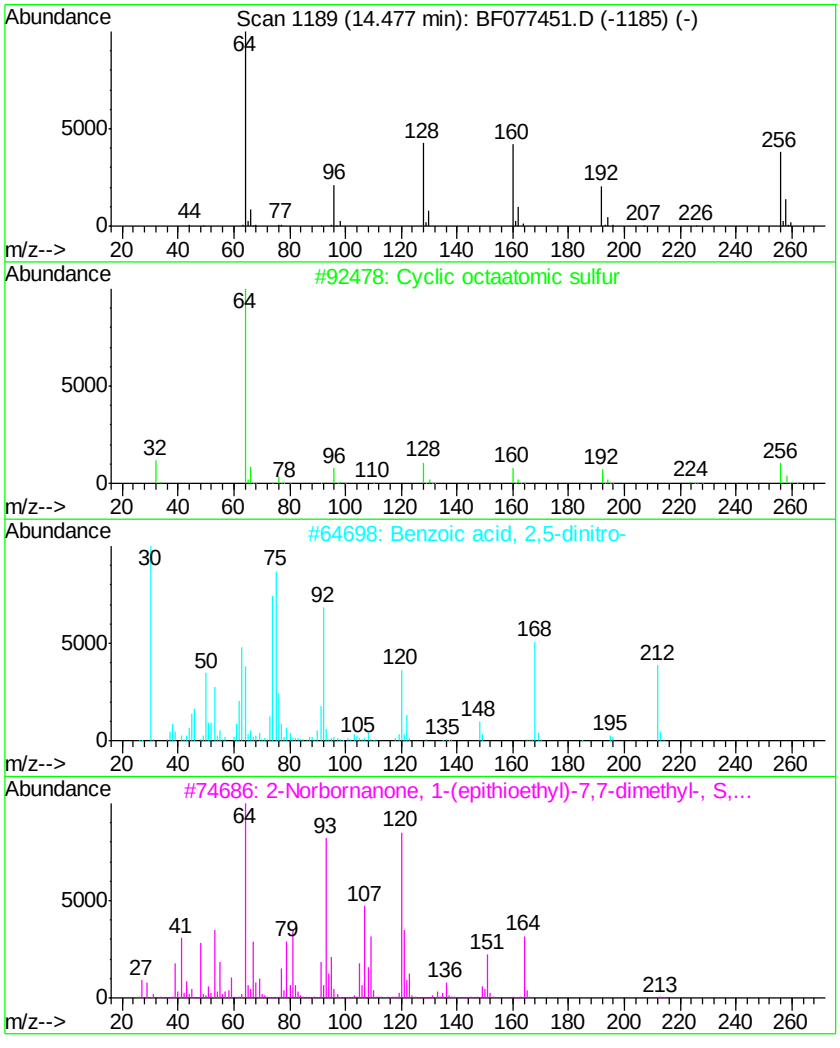
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

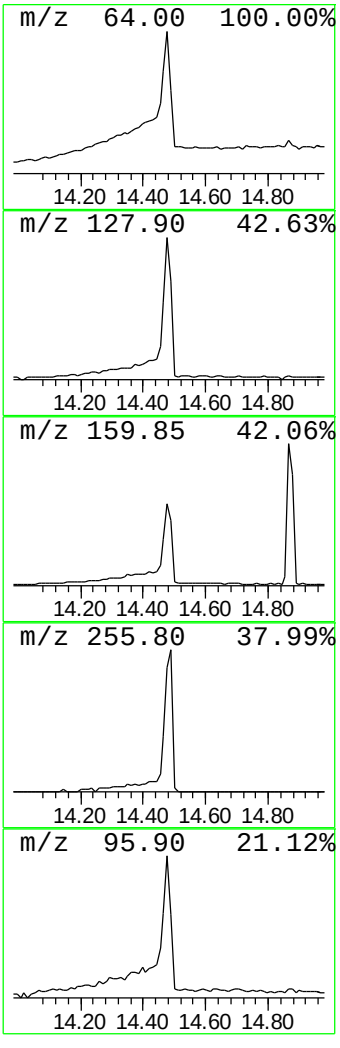
****

Peak Number 7 Cyclic octaatomic sulfur Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	8.36 ng	418644	Phenanthrene-d10	12.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	91
2	Benzoic acid, 2,5-dinitro-	212	C7H4N2O6	000610-28-6	50
3	2-Norbornanone, 1-(epithioethyl)...	228	C11H16O3S	001782-93-0	9
4	Methanethiol, N-(p-methoxyphenet...	304	C11H16N2O4S2	040283-94-1	9
5	Sulfur dioxide	64	O2S	007446-09-5	4





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

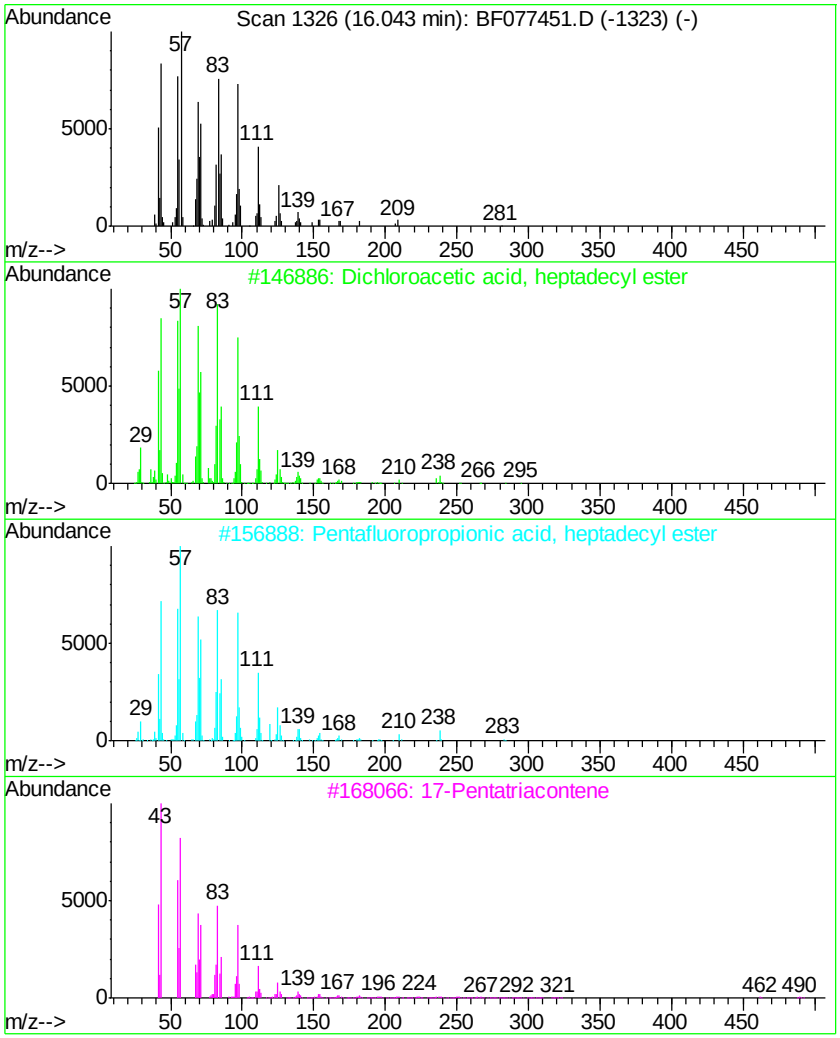
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

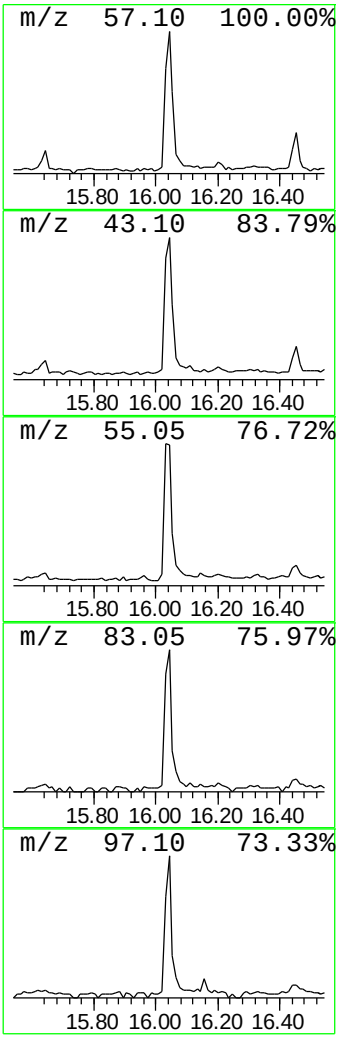
****

Peak Number 8 Dichloroacetic acid, heptad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.98 ng	279866	Chrysene-d12	16.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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Operator : IZ / TP
Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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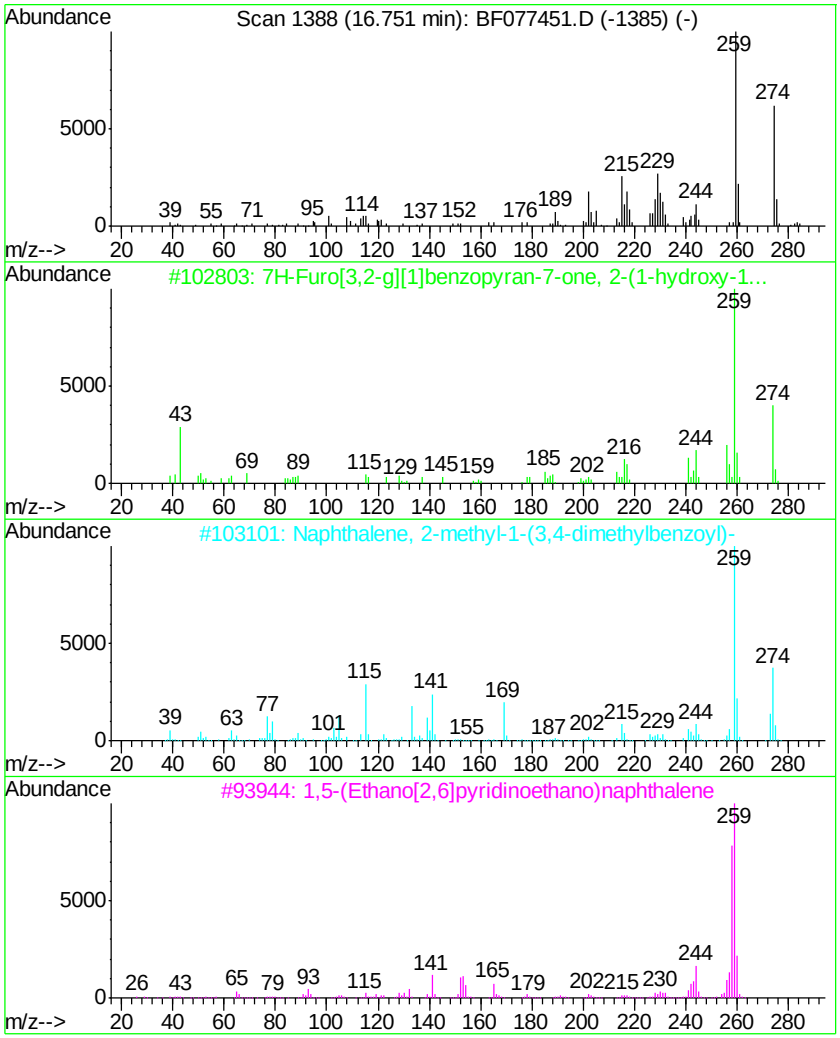
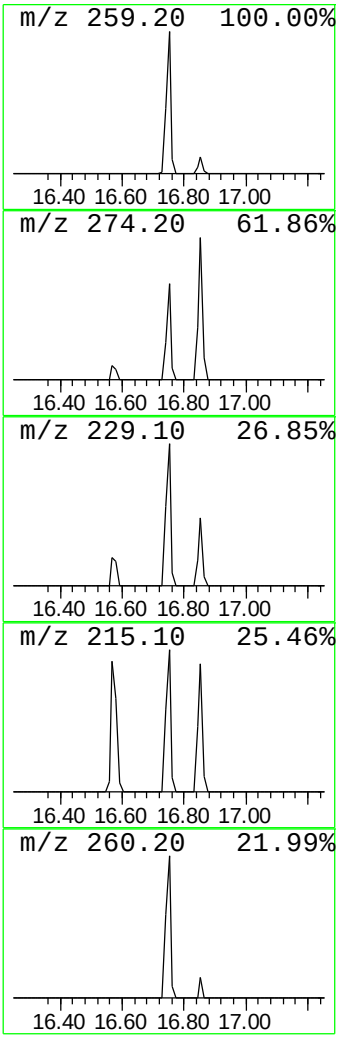
Peak Number 9 7H-Furo[3,2-g][1]benzopyran... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	2.80 ng	157273	Chrysene-d12	16.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Furo[3,2-g][1]benzopyran-7-on...	274	C15H14O5	054087-32-0	76
2	Naphthalene, 2-methyl-1-(3,4-dim...	274	C20H18O	1000269-03-0	59
3	1,5-(Ethano[2,6]pyridinoethano)n...	259	C19H17N	069857-10-9	43
4	1H-Indole, 2-(2'-furyl)-3-phenyl-	259	C18H13NO	163064-82-2	41
5	[2](1,4)Naphthaleno[2](2,6)pyrid...	259	C19H17N	099677-63-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077451.D
Acq On : 26 Feb 2015 1:29
Operator : IZ / TP
Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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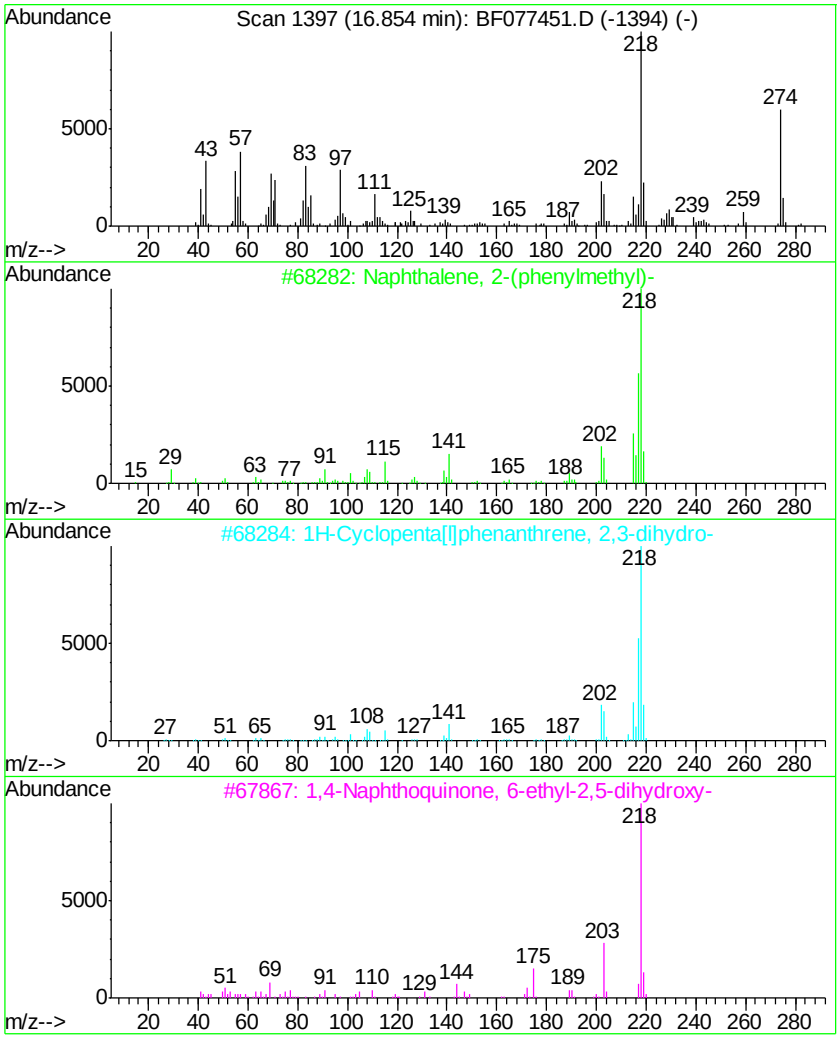
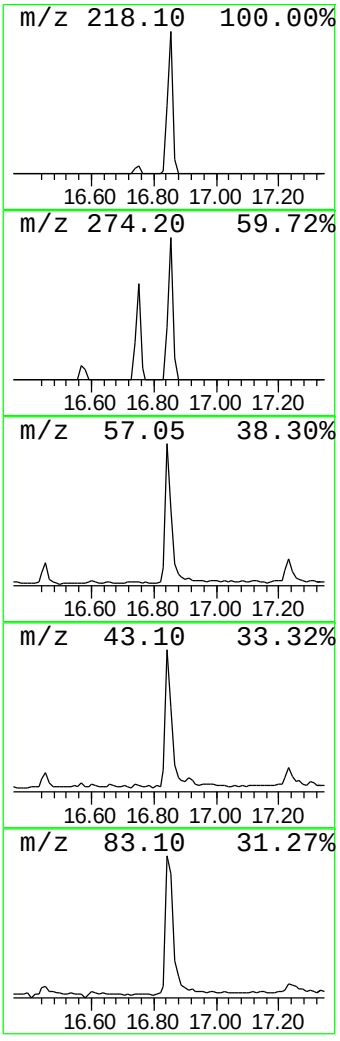
Peak Number 10 Naphthalene, 2-(phenylmethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	9.48 ng	533090	Chrysene-d12	16.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	55
2	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	38
3	1,4-Naphthoquinone, 6-ethyl-2,5-...	218	C12H10O4	013378-87-5	35
4	1-Isobutyl-2,5-dimethyl-4-phenyl...	261	C17H27NO	1000294-09-4	35
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	35





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Acq On : 26 Feb 2015 1:29
Operator : IZ / TP
Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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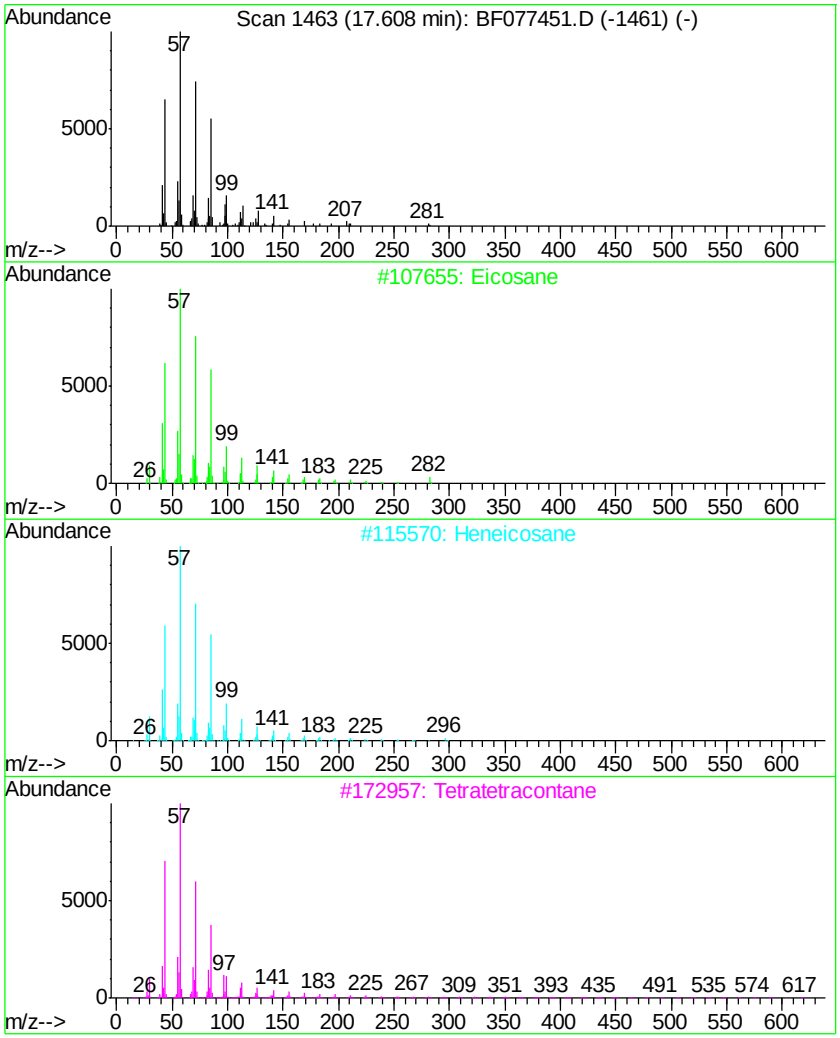
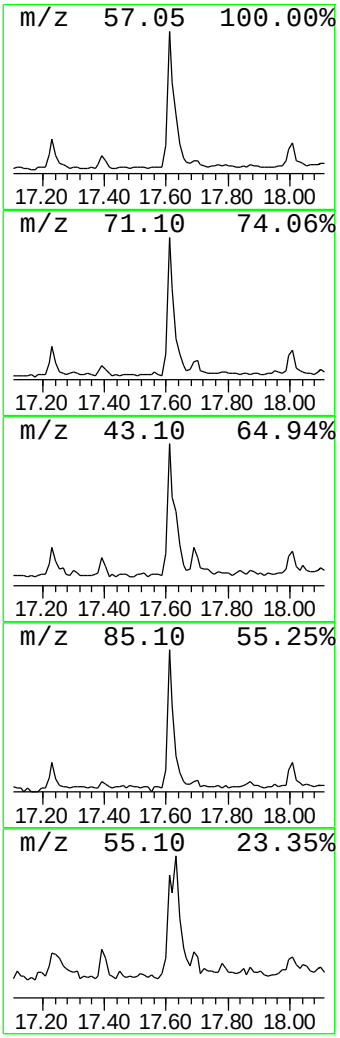
Peak Number 11 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	4.96 ng	276108	Perylene-d12	17.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Acq On : 26 Feb 2015 1:29
Operator : IZ / TP
Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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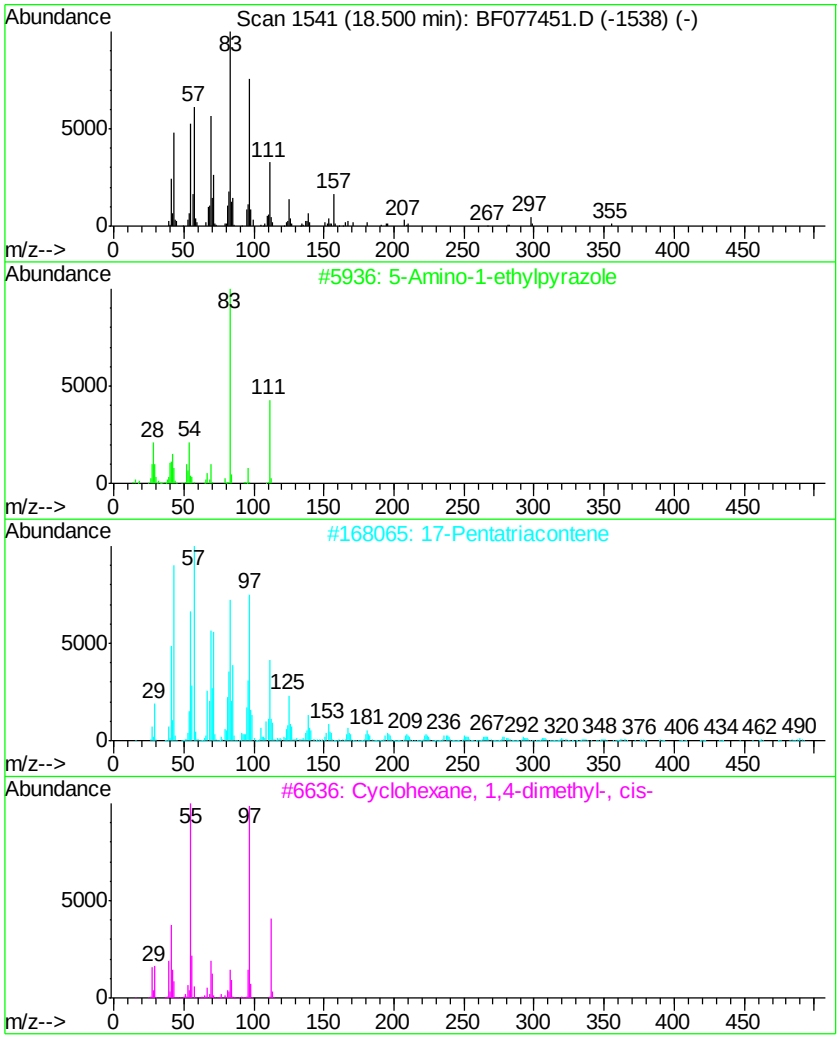
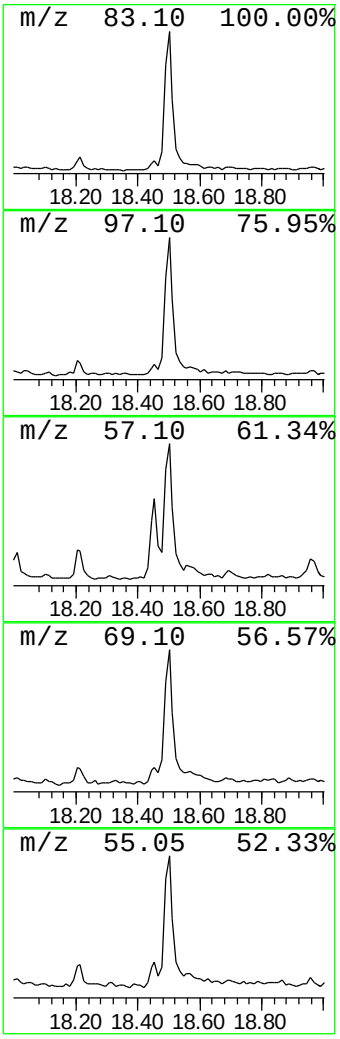
Peak Number 12 unknown18.50 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	6.43 ng	358050	Perylene-d12	17.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	38
2	17-Pentatriacontene	491	C35H70	006971-40-0	38
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	30
4	1-Octadecanol	270	C18H38O	000112-92-5	30
5	1-Tetracosanol	354	C24H50O	000506-51-4	30





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Acq On : 26 Feb 2015 1:29
Operator : IZ / TP
Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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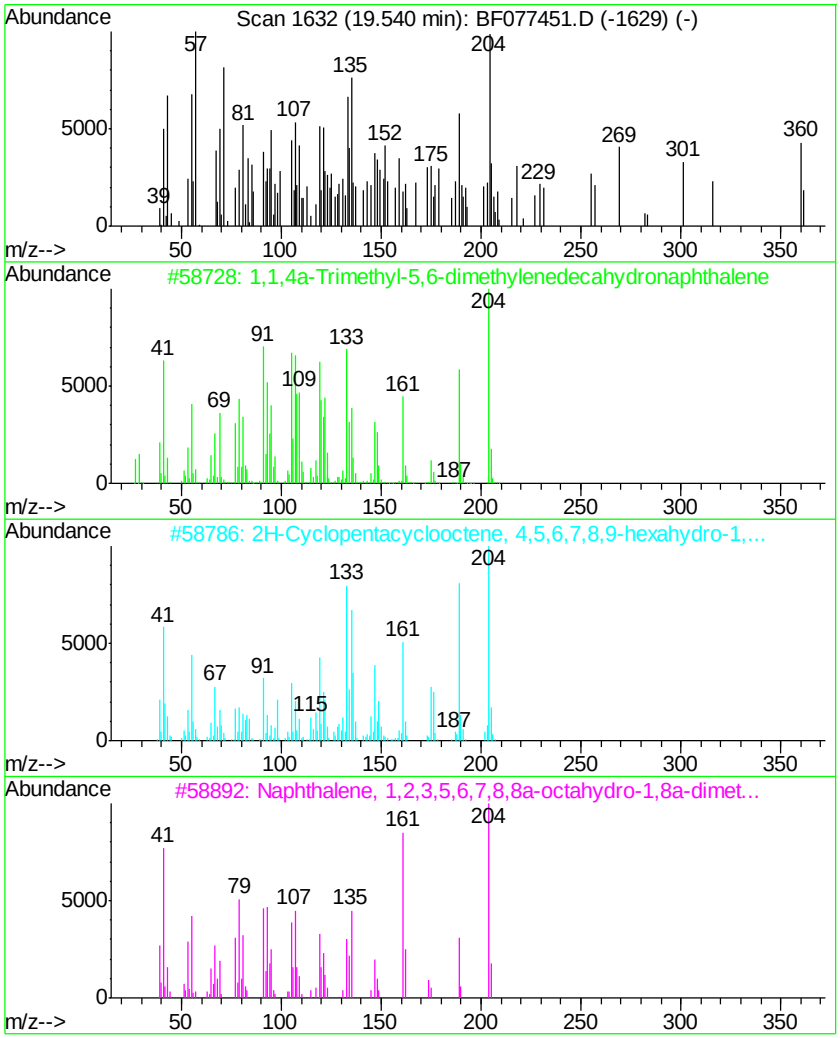
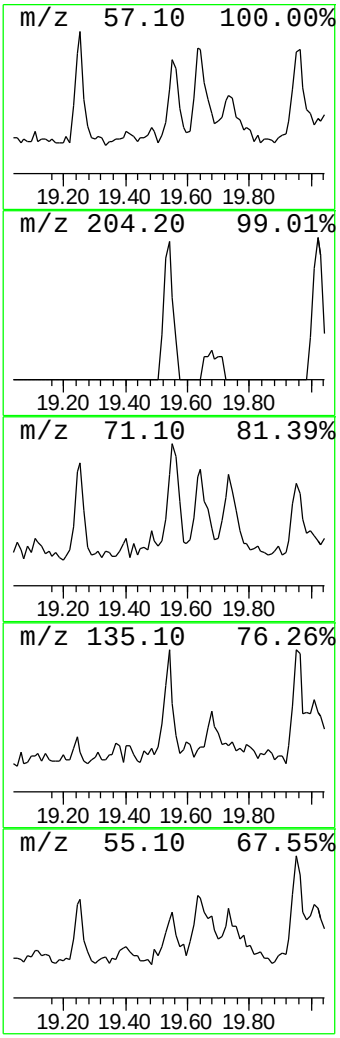
Peak Number 13 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	3.19 ng	177477	Perylene-d12	17.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	50
2	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	50
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	49
4	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	46
5	.delta.-Selinene	204	C15H24	028624-23-9	42





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Operator : IZ / TP
Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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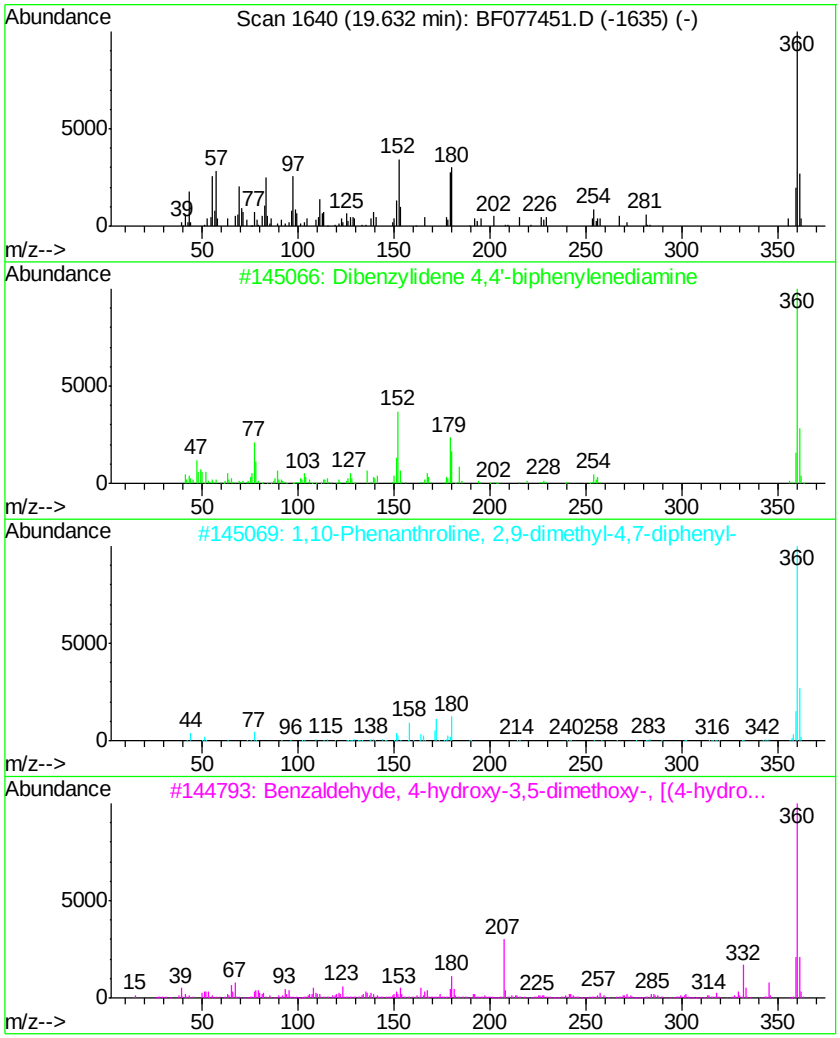
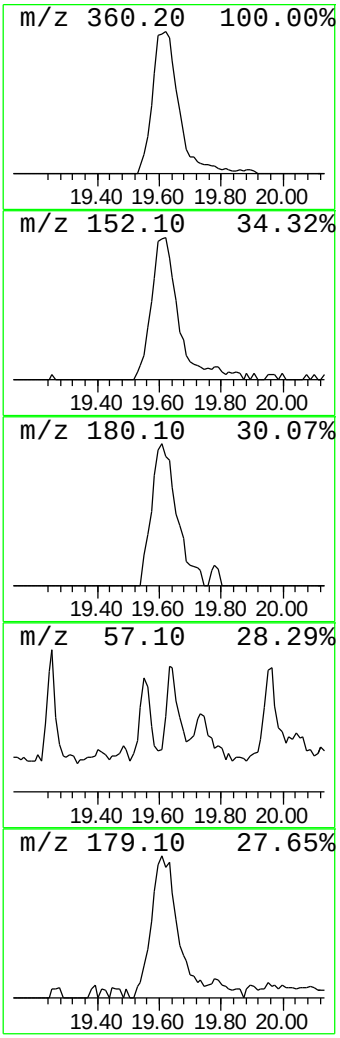
Peak Number 14 Dibenzylidene 4,4'-biphenyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	8.58 ng	477728	Perylene-d12	17.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzylidene 4,4'-biphenylenedi...	360	C26H20N2	006311-48-4	90
2	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	52
3	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	47
4	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	38
5	Benzoic acid, 4-(3,4-dihydro-2,4...	361	C20H15N3O4	317326-96-8	35





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Data File : BF077451.D
Acq On : 26 Feb 2015 1:29
Operator : IZ / TP
Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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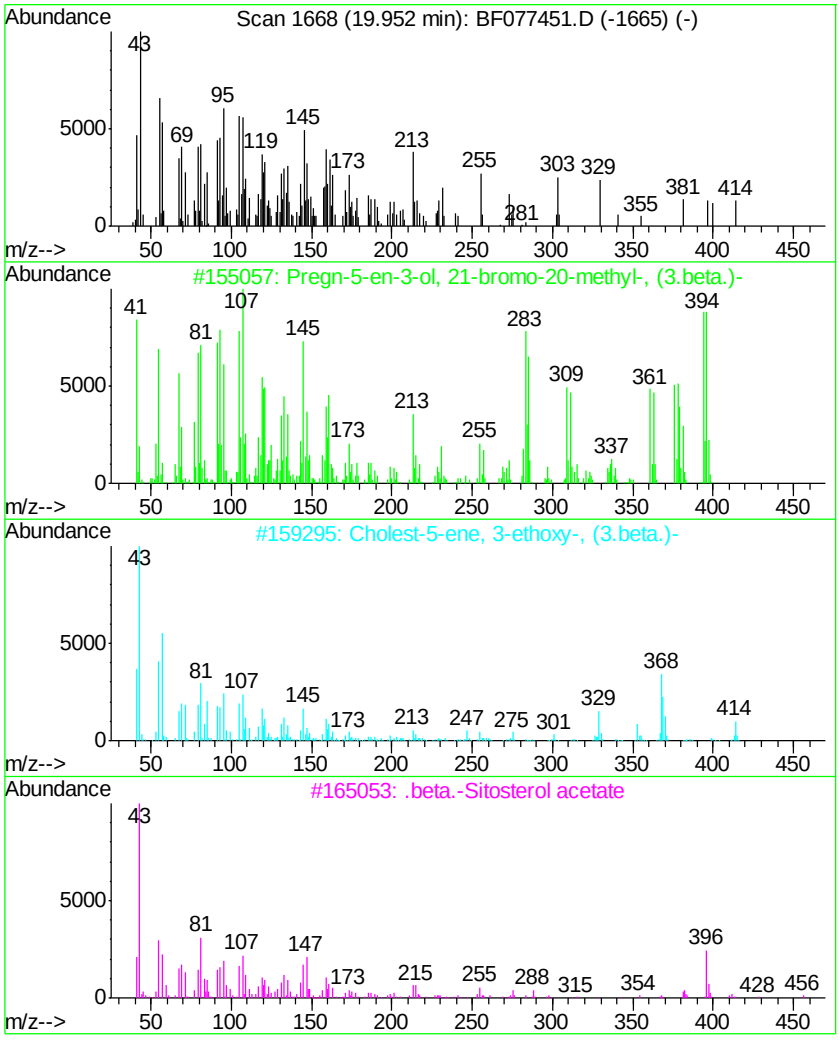
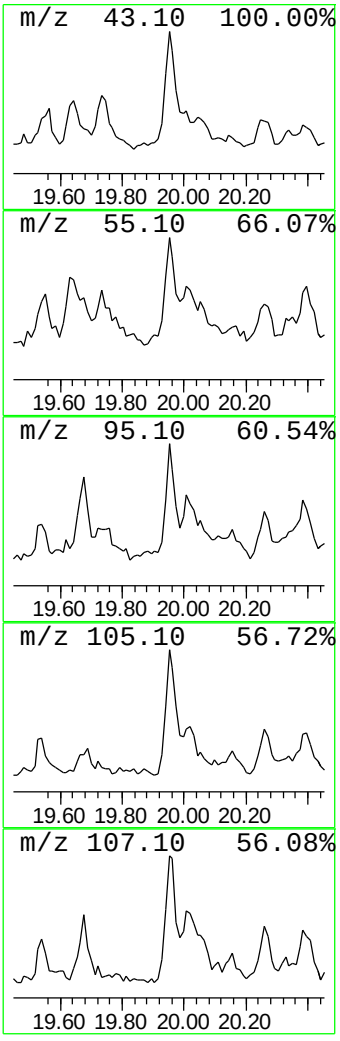
Peak Number 15 unknown19.95 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	5.86 ng	326645	Perylene-d12	17.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	38
2	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	35
3	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	32
4	5-Cholene, 3,24-dihydroxy-	360	C24H40O2	1000251-69-2	27
5	N-Nitrososolasodine	442	C27H42N2O3	004860-12-2	22





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Acq On : 26 Feb 2015 1:29
Operator : IZ / TP
Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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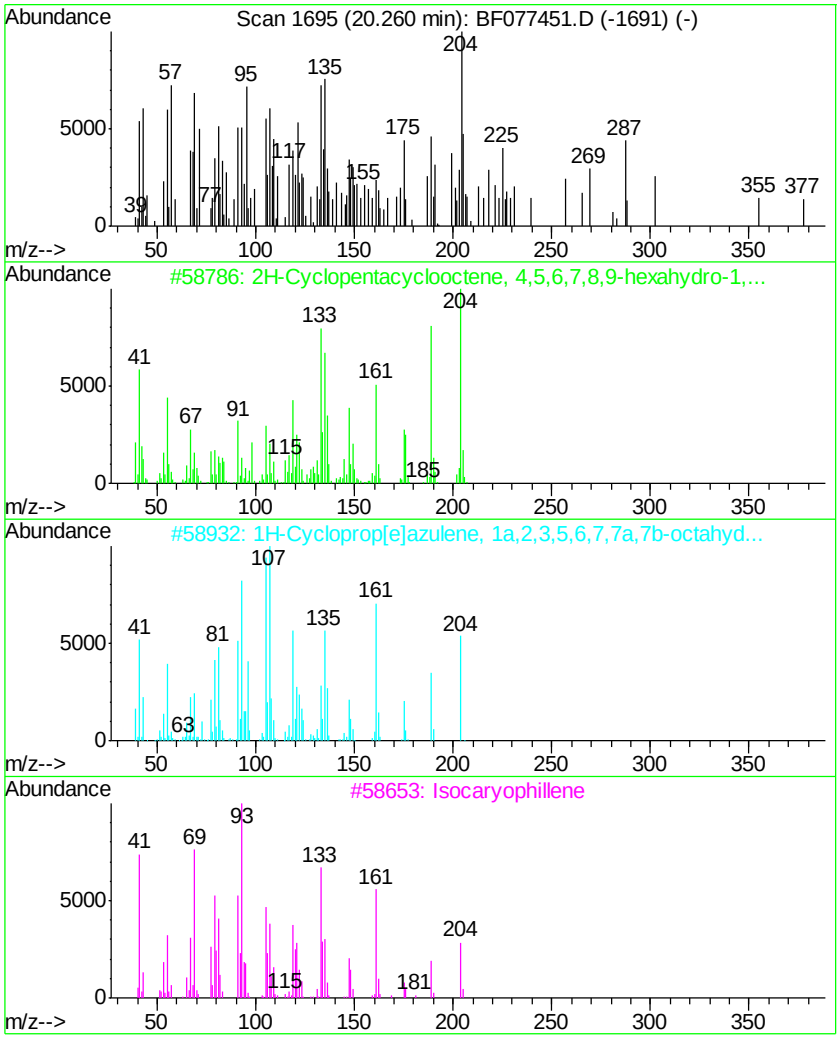
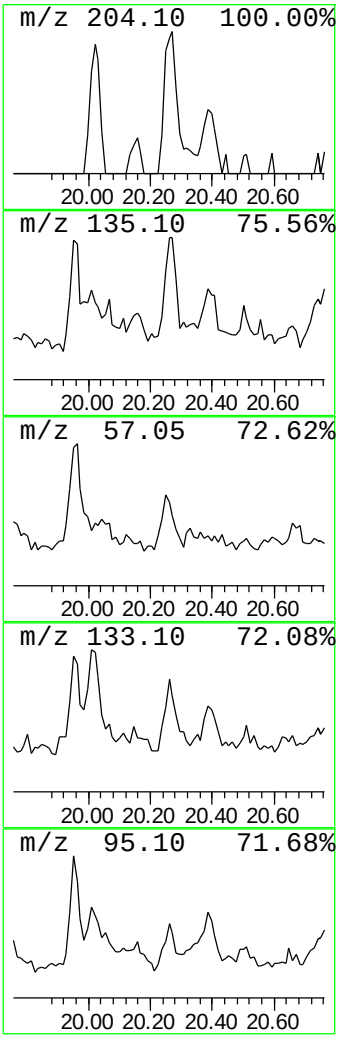
Peak Number 16 unknown20.26 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	3.12 ng	173887	Perylene-d12	17.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	38
2	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	30
3	Isocaryophillene	204	C15H24	1000140-07-2	30
4	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	30
5	Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	25





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Operator : IZ / TP
Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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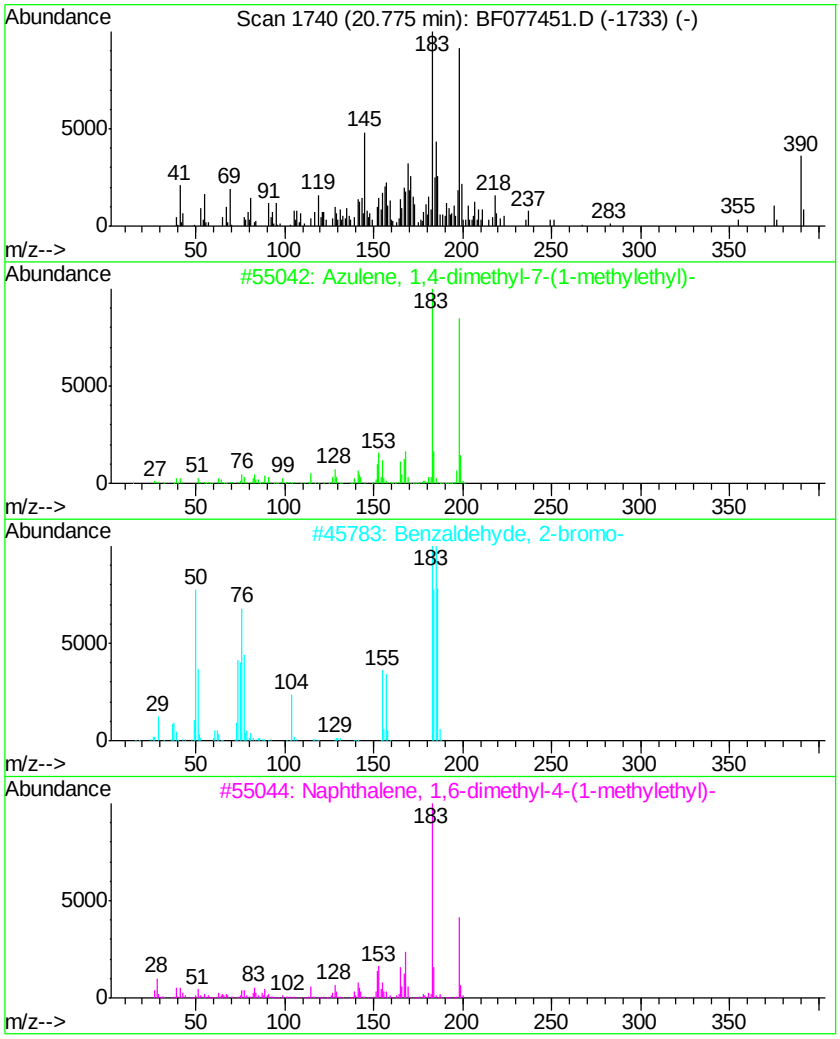
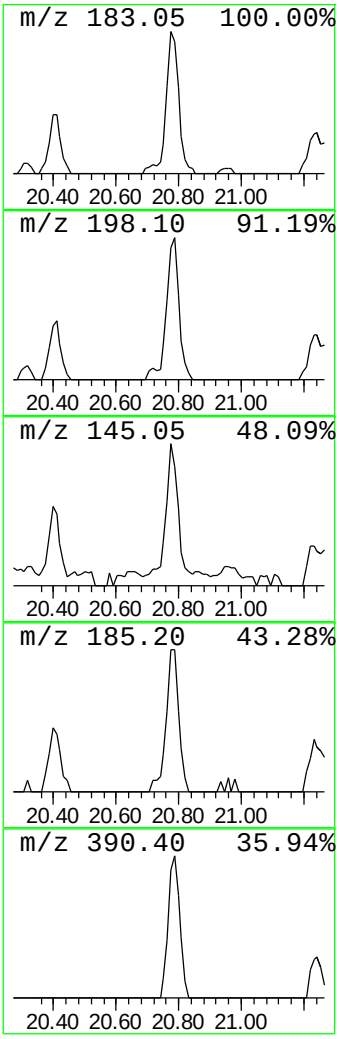
Peak Number 18 Azulene, 1,4-dimethyl-7-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	7.52 ng	418615	Perylene-d12	17.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	64
2	Benzaldehyde, 2-bromo-	184	C7H5BrO	006630-33-7	46
3	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	45
4	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	43
5	6-ISOPROPYL-1,4-DIMETHYLNAPHTHALENE	198	C15H18	1000243-31-9	43





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Sample : G1358-09
Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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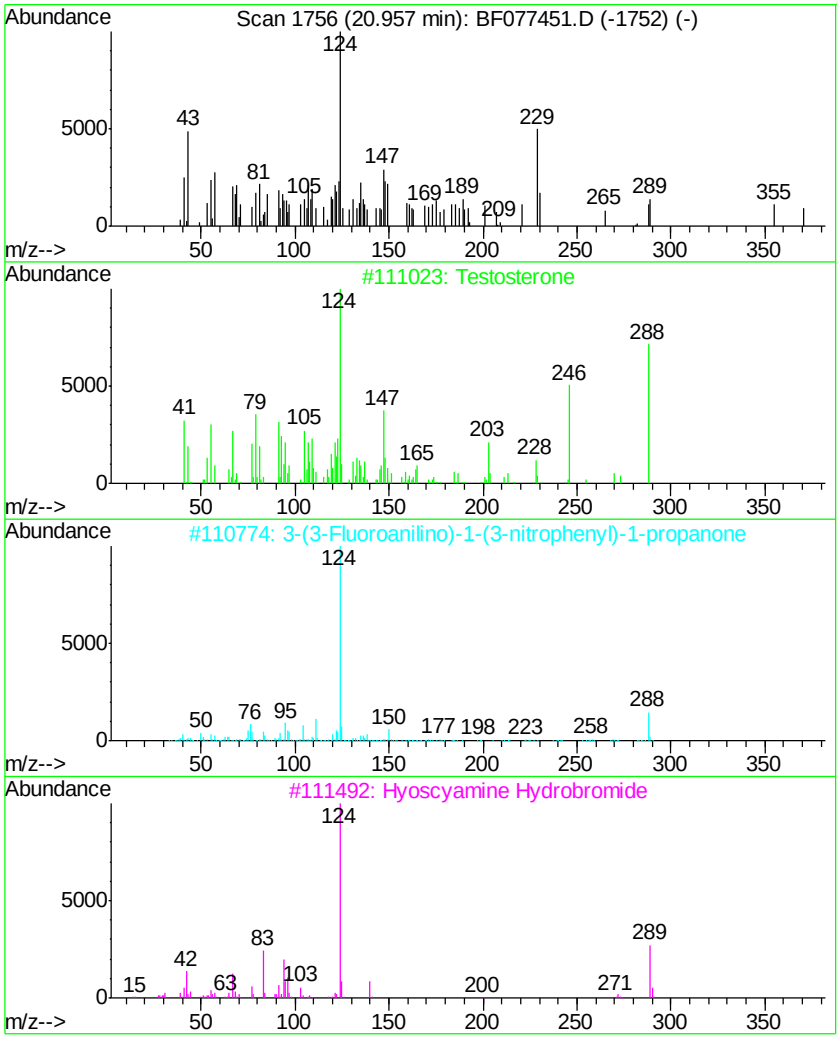
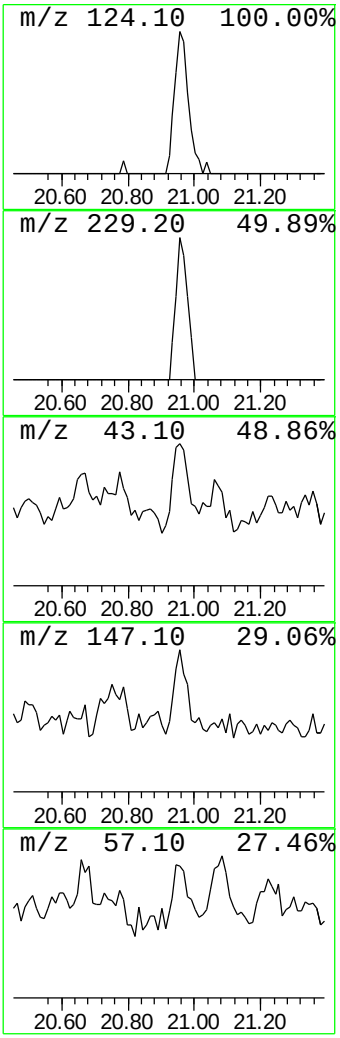
Peak Number 19 Testosterone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.42 ng	134711	Perylene-d12	17.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	64
2	3-(3-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	300726-64-1	30
3	Hyoscyamine Hydrobromide	289	C17H23NO3	000306-03-6	30
4	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	27
5	Hyoscyamine	289	C17H23NO3	000101-31-5	27





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Misc : S/DOD
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-15-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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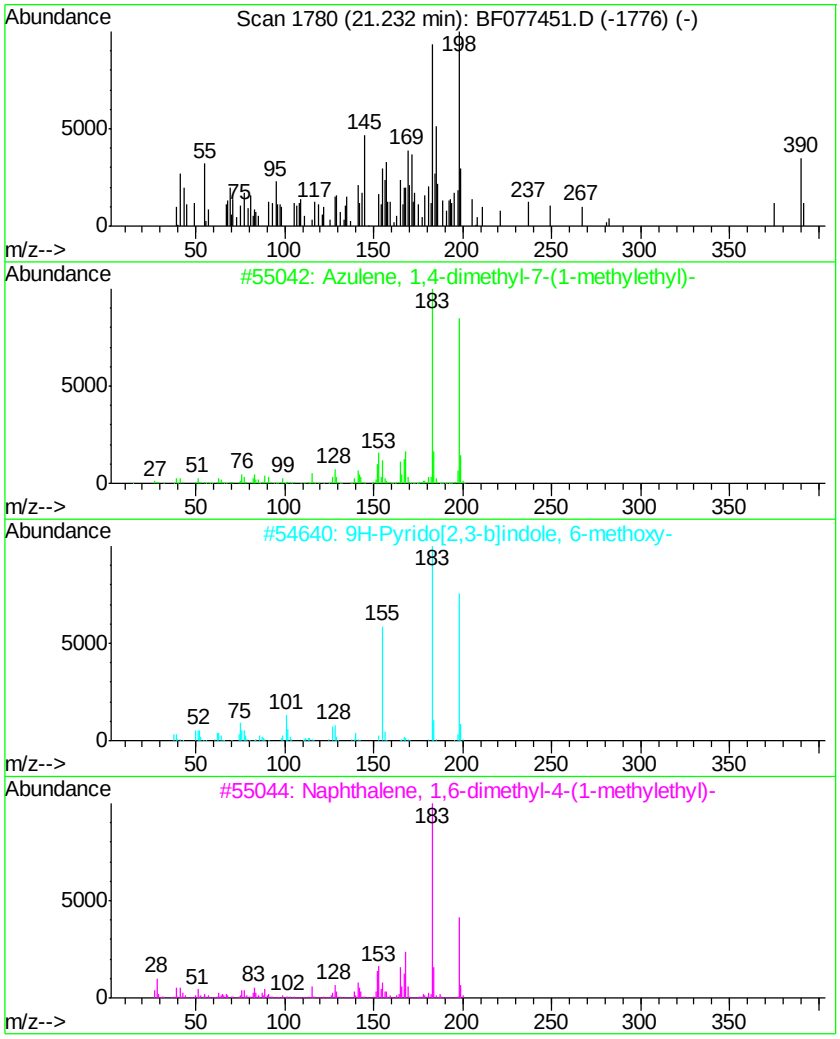
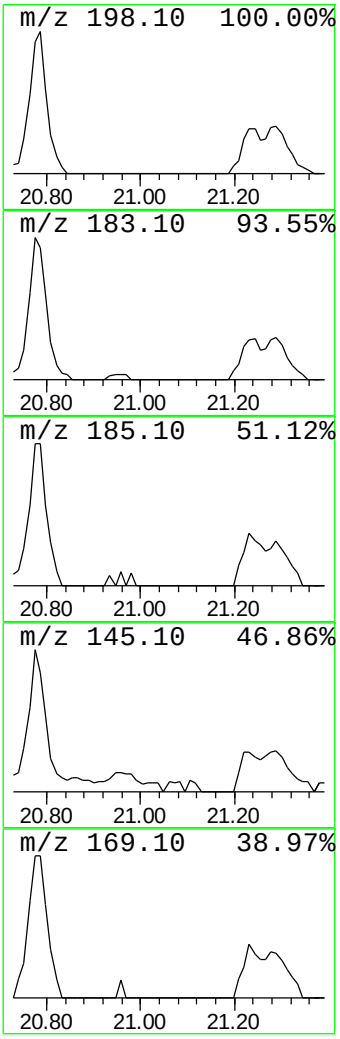
Peak Number 20 unknown21.23 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	2.59 ng	144274	Perylene-d12	17.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	50
2	9H-Pyrido[2,3-b]indole, 6-methoxy-	198	C12H10N2O	078750-82-0	43
3	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	43
4	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	38
5	Cis-1-(4-methylphenyl)-2-(2-fury...	198	C14H14O	084922-03-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
Data File : BF077451.D
Acq On : 26 Feb 2015 1:29
Operator : IZ / TP
Sample : G1358-09
Misc : S/DOD
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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
Ethane, 1,1-dimet...	0.94	2.6	ng	73277	1	7.29	563577	20.0
unknown1.46	1.46	8.1	ng	227396	1	7.29	563577	20.0
2-Pentanone, 4-hy...	5.07	11.8	ng	332407	1	7.29	563577	20.0
unknown6.99	6.99	46.6	ng	1312150	1	7.29	563577	20.0
Cyclic octaatomic...	14.48	8.4	ng	418644	4	12.88	1001610	20.0
Dichloroacetic ac...	16.04	5.0	ng	279866	5	16.16	1124300	20.0
7H-Furo[3,2-g][1]...	16.75	2.8	ng	157273	5	16.16	1124300	20.0
Naphthalene, 2-(p...	16.85	9.5	ng	533090	5	16.16	1124300	20.0
Eicosane	17.61	5.0	ng	276108	6	17.87	1113980	20.0
unknown18.50	18.50	6.4	ng	358050	6	17.87	1113980	20.0
1,1,4a-Trimethyl-...	19.54	3.2	ng	177477	6	17.87	1113980	20.0
Dibenzylidene 4,4...	19.63	8.6	ng	477728	6	17.87	1113980	20.0
unknown19.95	19.95	5.9	ng	326645	6	17.87	1113980	20.0
unknown20.26	20.26	3.1	ng	173887	6	17.87	1113980	20.0
Azulene, 1,4-dime...	20.77	7.5	ng	418615	6	17.87	1113980	20.0
Testosterone	20.96	2.4	ng	134711	6	17.87	1113980	20.0
unknown21.23	21.23	2.6	ng	144274	6	17.87	1113980	20.0