LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107429.D
Acq On : 17 Jul 2018 3:26
Operator : JU/SJ
Sample : J3954-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1041

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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	5.213	486	489	492	rBV	236256	253155	4.59%	0.480%
2	5.284	497	501	506	rVB5	66924	89532	1.62%	0.170%
3	5.342	506	511	514	rBV2	90678	90266	1.64%	0.171%
4	5.607	551	556	559	rVB	2226044	2322409	42.11%	4.405%
5	5.784	583	586	589	rBV2	92981	80384	1.46%	0.152%
6	5.872	598	601	604	rBV	129112	137954	2.50%	0.262%
7	5.931	609	611	618	rVB2	87988	102235	1.85%	0.194%
8	6.148	642	648	651	rBV	80874	92101	1.67%	0.175%
9	6.236	659	663	669	rVB4	59290	102195	1.85%	0.194%
10	6.384	683	688	689	rBV5	75162	91905	1.67%	0.174%
11	6.407	689	692	697	rVB6	70305	90853	1.65%	0.172%
12	6.448	697	699	702	rBV	95554	95228	1.73%	0.181%
13	6.507	705	709	711	rBV4	59170	68180	1.24%	0.129%
14	6.601	719	725	732	rVB2	1567122	1579470	28.64%	2.996%
15	6.695	736	741	743	rBV3	80218	75651	1.37%	0.143%
16	6.754	744	751	754	rVV	4264205	4101348	74.37%	7.780%
17	6.801	757	759	764	rVB	98376	95392	1.73%	0.181%
18	6.860	764	769	771	rBV5	61212	98846	1.79%	0.187%
19	6.983	786	790	793	rBV	1417685	1193027	21.63%	2.263%
20	7.036	797	799	804	rVB4	64405	84765	1.54%	0.161%
21	7.142	810	817	820	rBV	4447763	4223408	76.59%	8.011%
22	7.231	828	832	840	rVB3	443605	474261	8.60%	0.900%
23	7.307	840	845	847	rBV2	116723	139417	2.53%	0.264%
24	7.378	853	857	864	rBV2	357372	455320	8.26%	0.864%
25	7.519	876	881	882	rBV	154011	160888	2.92%	0.305%
26	7.548	882	886	889	rVB	3230127	3237568	58.71%	6.141%
27	7.789	923	927	931	rBV7	58142	98534	1.79%	0.187%
28	8.030	957	968	970	rBV3	448003	945947	17.15%	1.794%
29	8.089	976	978	982	rVB2	195508	168773	3.06%	0.320%
30	8.130	982	985	987	rVB	179816	144998	2.63%	0.275%
31	8.160	987	990	994	rBV	653363	581551	10.55%	1.103%
32	8.225	998	1001	1004	rVB3	92566	72829	1.32%	0.138%
33	8.266	1004	1008	1010	rBV	1548473	1310959	23.77%	2.487%
34	8.283	1010	1011	1015	rVB2	314542	200244	3.63%	0.380%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3954-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1041

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.425	1030	1035	1037	rBV5	90077	114991	2.09%	0.218%
36	8.525	1049	1052	1054	rBV	176779	180712	3.28%	0.343%
37	8.542	1054	1055	1059	rVB2	260059	198543	3.60%	0.377%
38	8.589	1060	1063	1064	rBV2	98658	93162	1.69%	0.177%
39	8.630	1064	1070	1073	rVV	3703102	4006907	72.66%	7.601%
40	8.695	1076	1081	1087	rVB8	210421	421391	7.64%	0.799%
41	8.777	1087	1095	1101	rVB	1627744	1814654	32.91%	3.442%
42	8.854	1105	1108	1112	rVB2	262942	263137	4.77%	0.499%
43	8.889	1112	1114	1119	rVB3	137109	148874	2.70%	0.282%
44	8.942	1120	1123	1127	rBV5	110427	185347	3.36%	0.352%
45	8.977	1127	1129	1132	rVB2	168735	133742	2.43%	0.254%
46	9.042	1132	1140	1142	rBV	1868492	2180977	39.55%	4.137%
47	9.077	1142	1146	1151	rVB4	714089	978692	17.75%	1.856%
48	9.119	1151	1153	1156	rBV4	86532	107644	1.95%	0.204%
49	9.154	1156	1159	1161	rBV4	105670	131669	2.39%	0.250%
50	9.213	1167	1169	1172	rVB3	163250	161808	2.93%	0.307%
51	9.248	1172	1175	1177	rBV3	216656	208802	3.79%	0.396%
52	9.272	1177	1179	1182	rVB3	168653	160465	2.91%	0.304%
53	9.342	1184	1191	1194	rBV	4877983	5514549	100.00%	10.460%
54	9.419	1201	1204	1205	rBV3	166724	181698	3.29%	0.345%
55	9.442	1205	1208	1210	rVV2	368570	394134	7.15%	0.748%
56	9.466	1210	1212	1213	rVV	360398	341870	6.20%	0.648%
57	9.483	1213	1215	1218	rVB	688073	554814	10.06%	1.052%
58	9.548	1223	1226	1228	rBV4	124249	109957	1.99%	0.209%
59	9.572	1228	1230	1231	rBV	131819	101797	1.85%	0.193%
60	9.589	1231	1233	1235	rBV3	192163	197817	3.59%	0.375%
61	9.654	1241	1244	1245	rBV2	182000	179116	3.25%	0.340%
62	9.730	1255	1257	1261	rVB4	310714	290867	5.27%	0.552%
63	9.795	1266	1268	1270	rVB2	312856	260262	4.72%	0.494%
64	9.883	1280	1283	1286	rBV5	205207	306170	5.55%	0.581%
65	10.030	1305	1308	1310	rVB	1072400	943419	17.11%	1.790%
66	10.060	1310	1313	1316	rBV	696038	546810	9.92%	1.037%
67	10.095	1316	1319	1322	rVV	351493	331513	6.01%	0.629%
68	10.236	1340	1343	1345	rBV2	440488	458983	8.32%	0.871%
69	10.824	1440	1443	1447	rVB2	1820131	1840007	33.37%	3.490%
70	11.530	1560	1563	1565	rBV	865433	869133	15.76%	1.649%
71	13.124	1830	1834	1837	rVB	2830372	2897328	52.54%	5.496%

LSC Area Percent Report

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Sample : J3954-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1041

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.183	2011	2014	2017	rVB	1106816	947731	17.19%	1.798%
73	15.712	2270	2274	2278	rVB	728835	899900	16.32%	1.707%

Sum of corrected areas: 52718985

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107429.D
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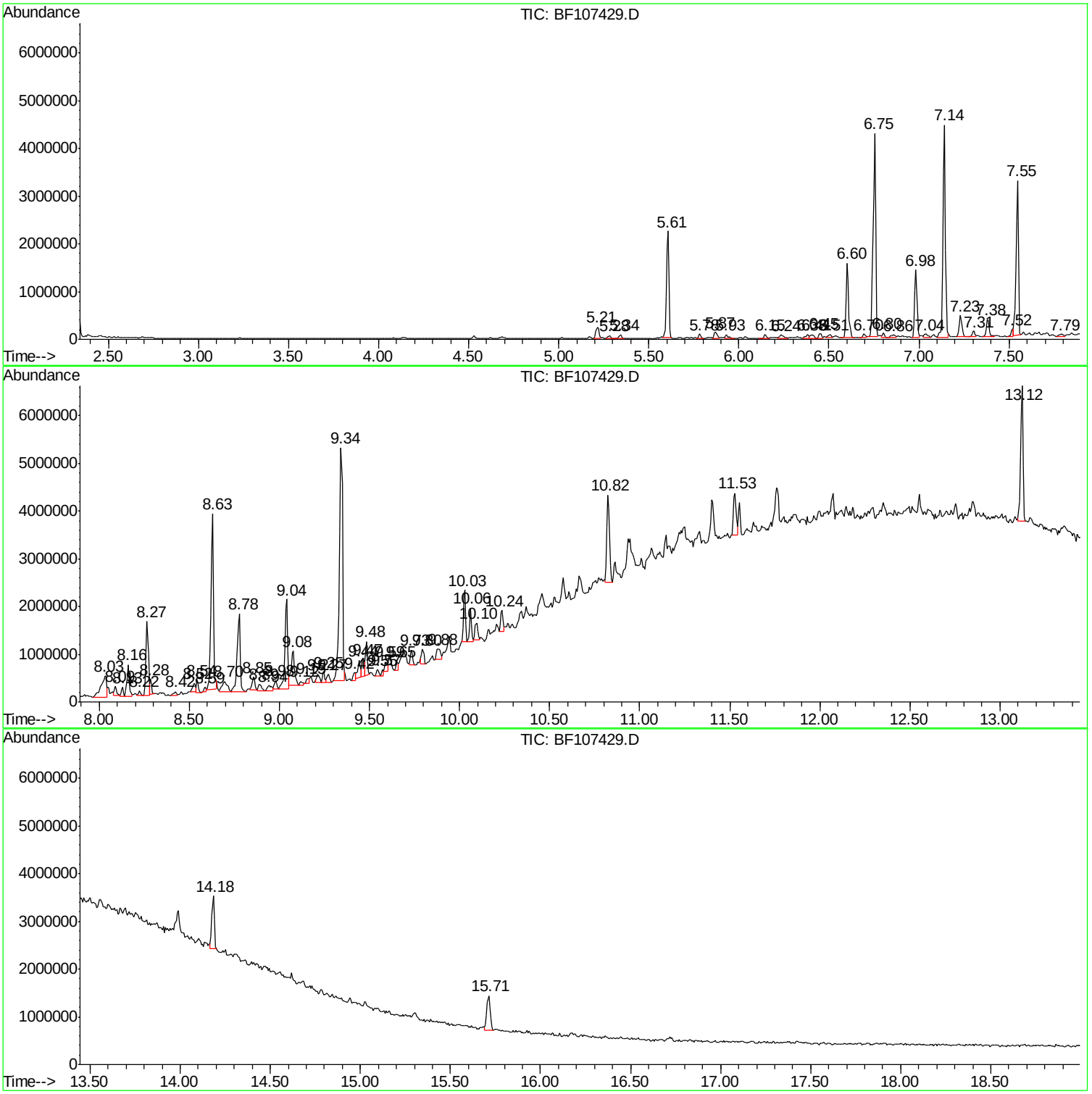
Sample : J3954-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1041

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107429.D
Acq On : 17 Jul 2018 3:26
Operator : JU/SJ
Sample : J3954-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1041

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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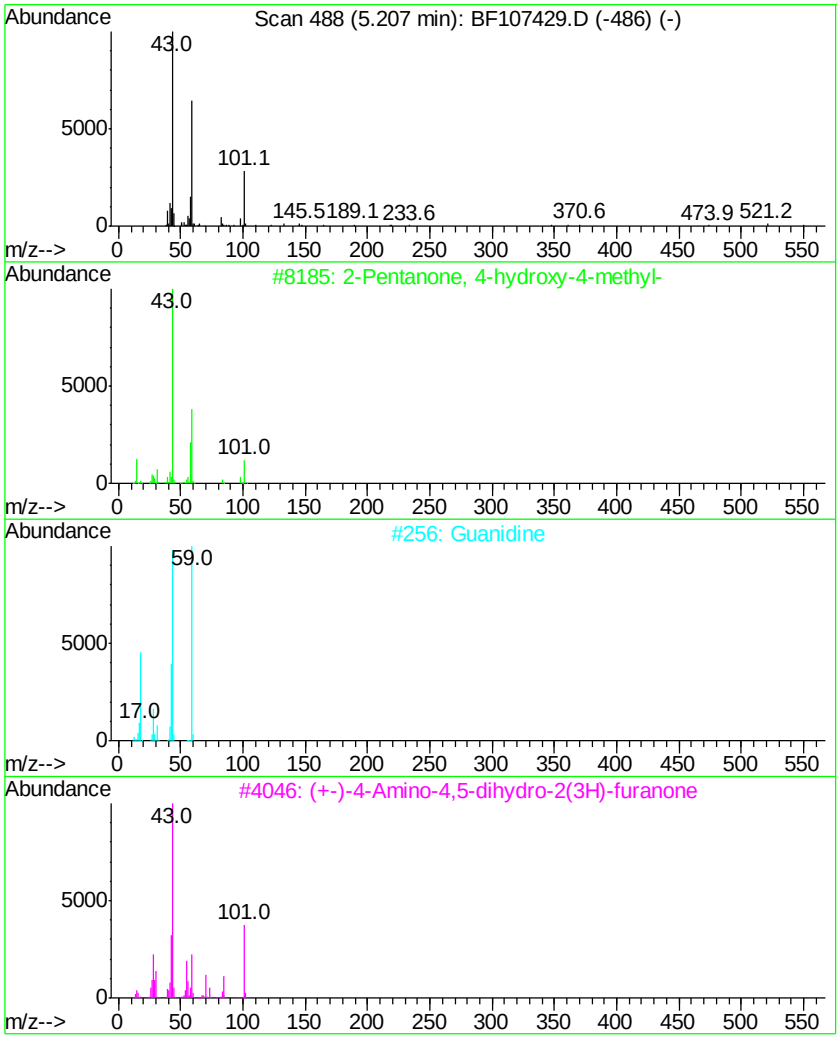
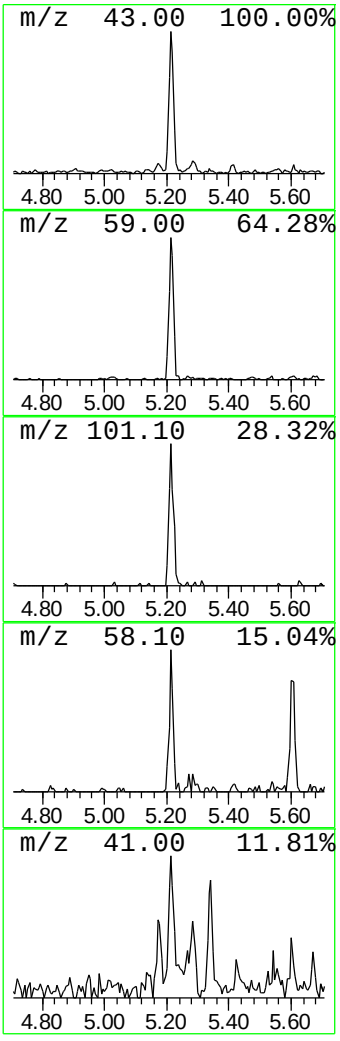
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	4.24 ng	253155	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Guanidine	59	CH5N3	000113-00-8	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
4	Dimethadione	129	C5H7NO3	000695-53-4	33
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107429.D
Acq On : 17 Jul 2018 3:26
Operator : JU/SJ
Sample : J3954-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1041

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

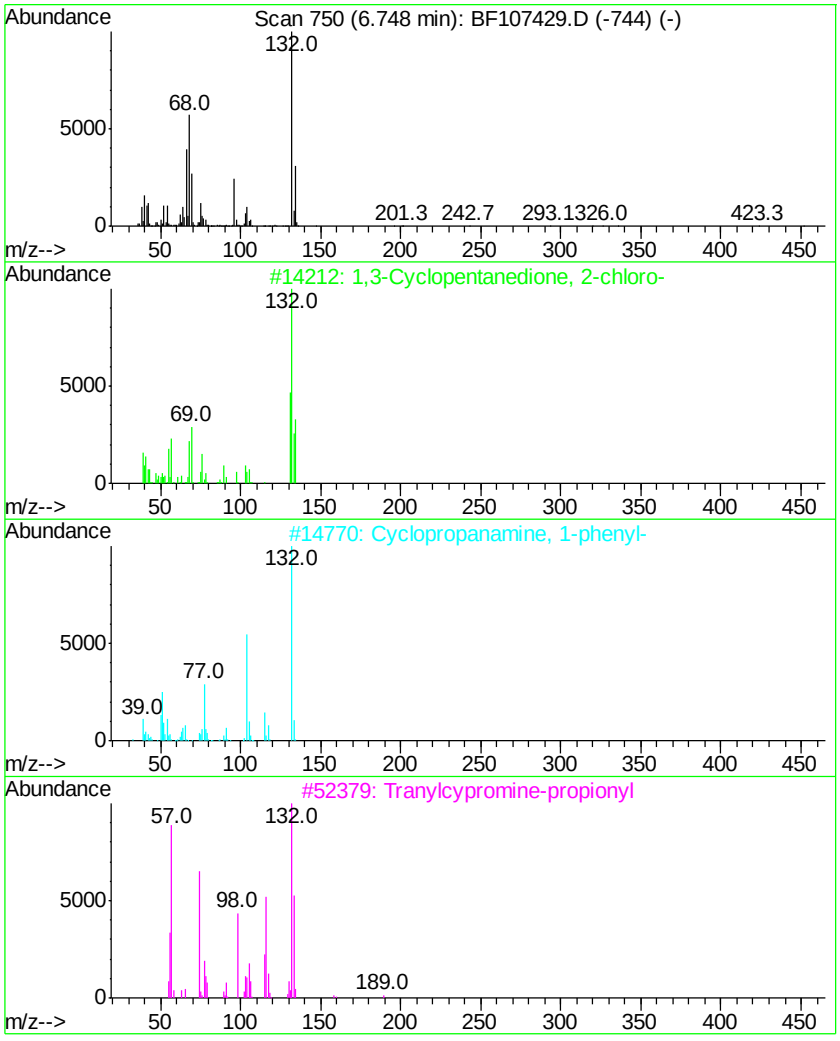
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

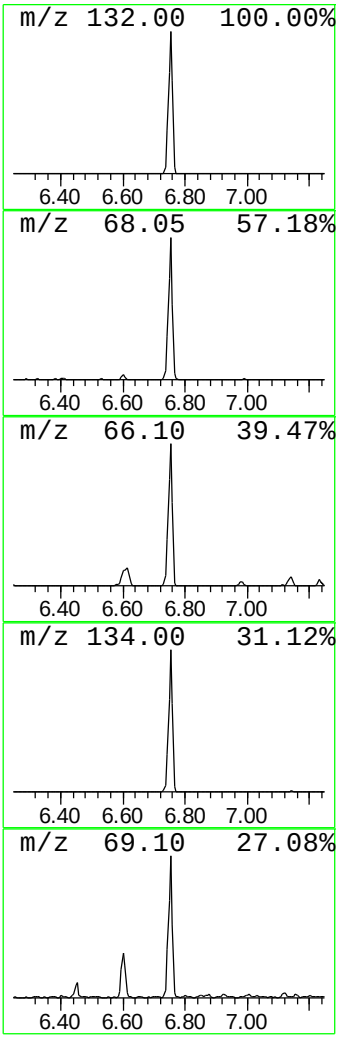
****

Peak Number 2 unknown6.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	68.76 ng	4101350	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	22
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107429.D
Acq On : 17 Jul 2018 3:26
Operator : JU/SJ
Sample : J3954-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1041

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

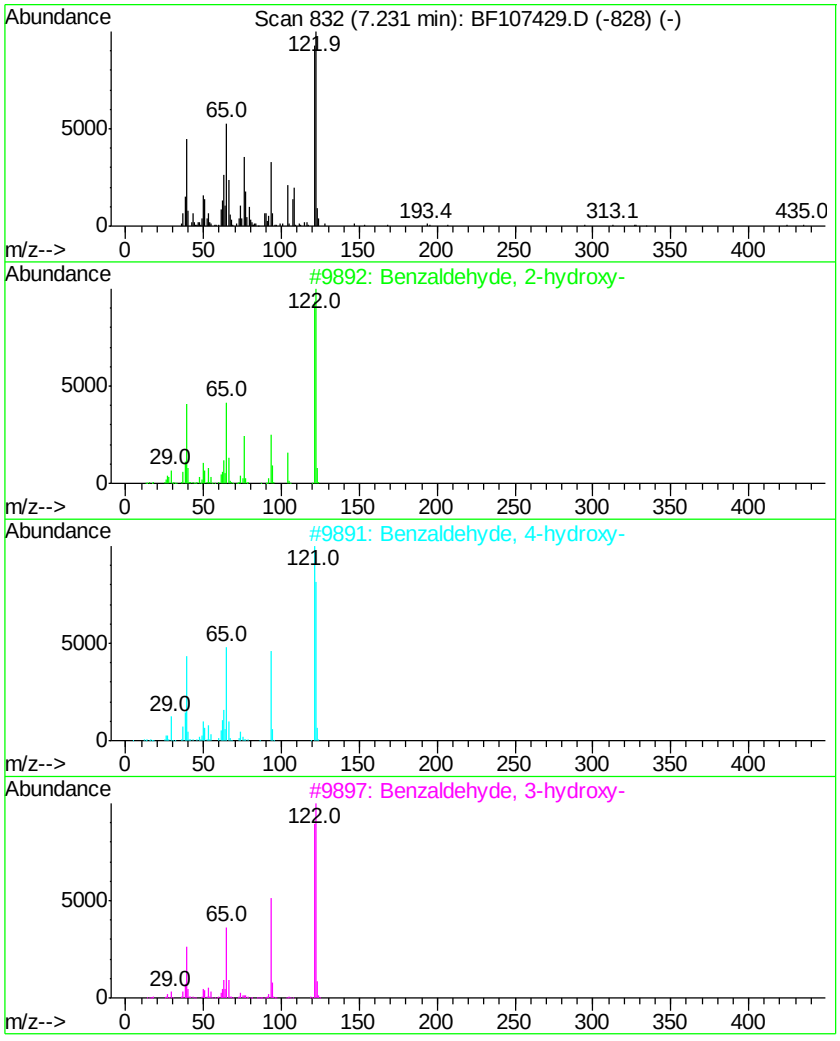
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

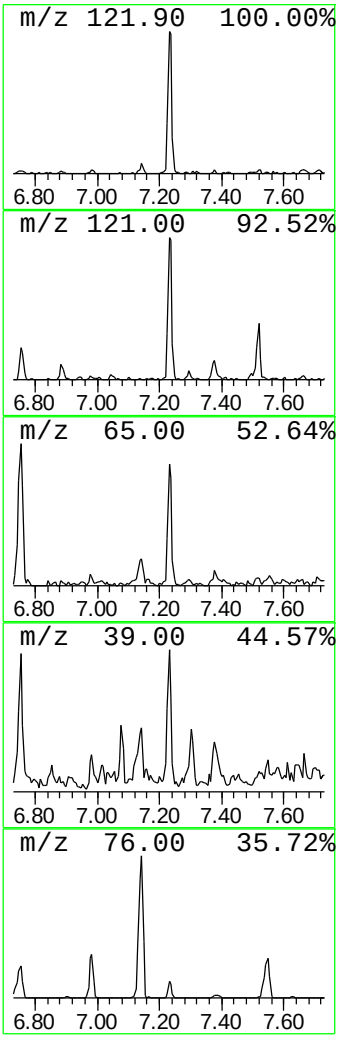
****

Peak Number 4 Benzaldehyde, 2-hydroxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	7.95 ng	474261	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-hydroxy-	122	C7H6O2	000090-02-8	94
2	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	86
3	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	70
4	2-Pyridinealdoxime	122	C6H6N2O	000873-69-8	43
5	Phenol, 4-iodo-	220	C6H5IO	000540-38-5	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
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Misc :
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Instrument : BNA_F
ClientSampleId : FM1041

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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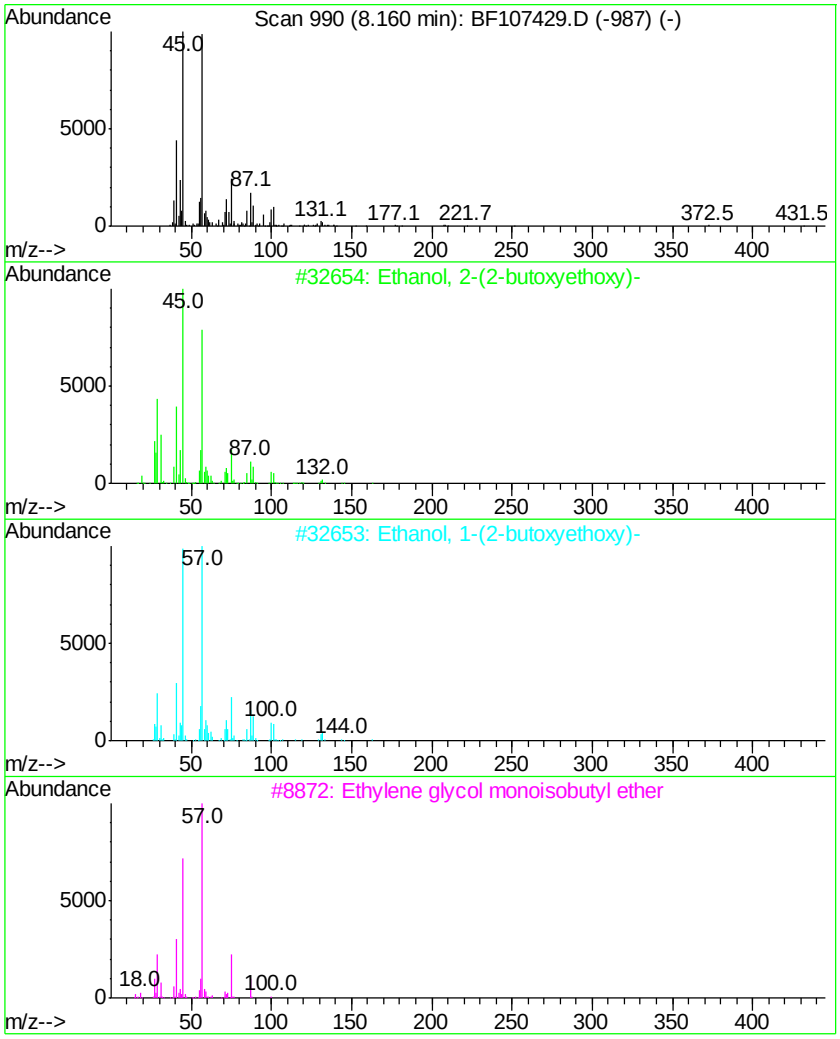
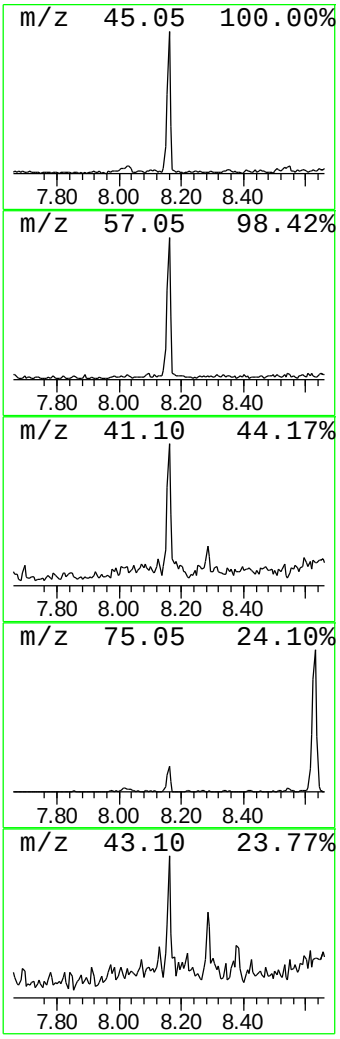
Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	8.87 ng	581551	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	50
5	Ethane, 1-isothiocyanato-2-methoxy-	117	C4H7NOS	038663-85-3	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107429.D
Acq On : 17 Jul 2018 3:26
Operator : JU/SJ
Sample : J3954-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1041

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

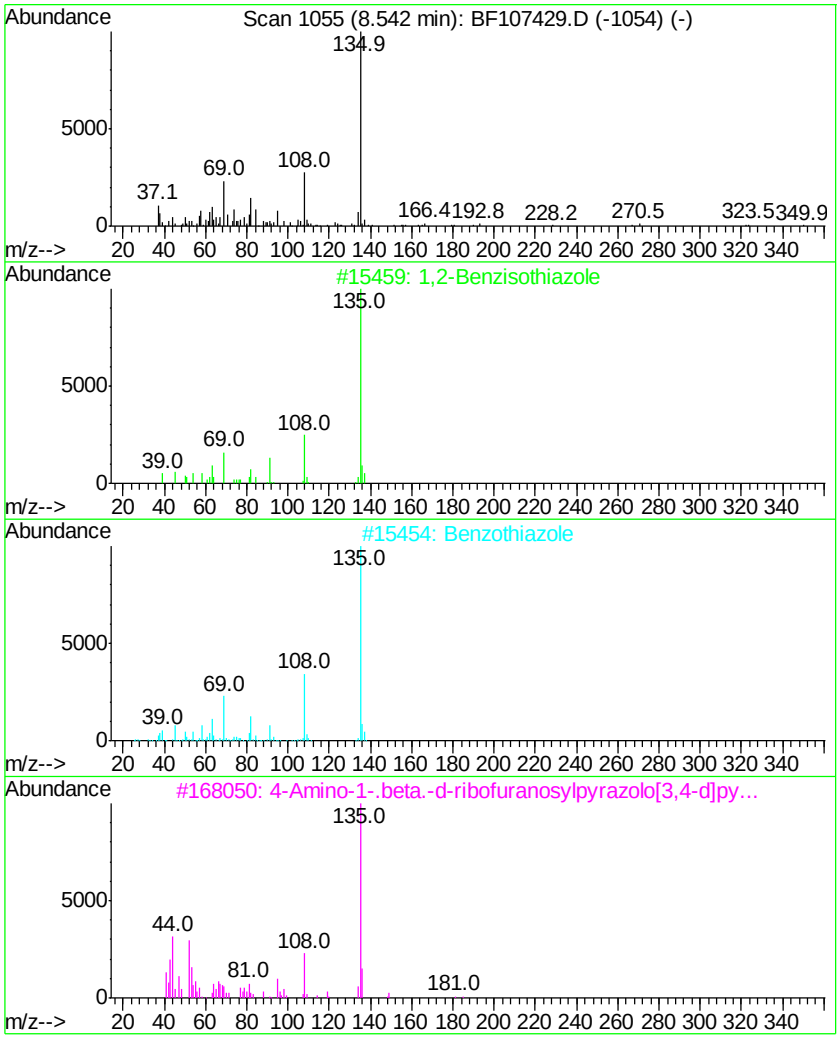
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

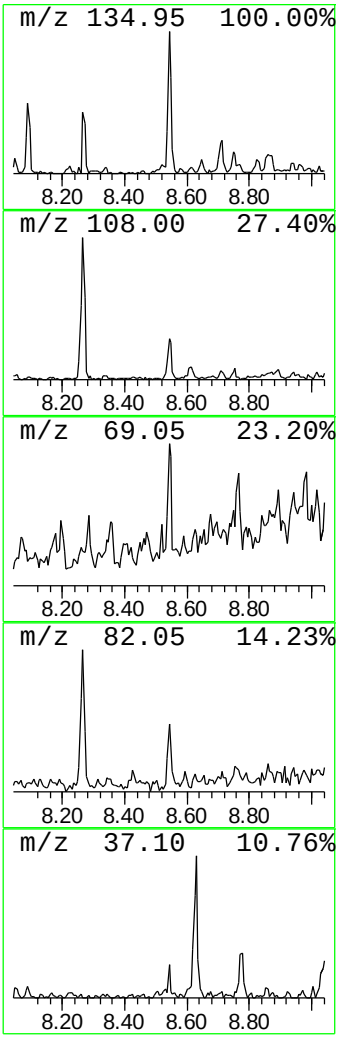
****

Peak Number 6 1,2-Benzisothiazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	3.03 ng	198543	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	86
2	Benzothiazole	135	C7H5NS	000095-16-9	53
3	4-Amino-1-.beta.-d-ribofuranosyl...	329	C10H12N5O6P	115969-63-6	53
4	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	47
5	2-Fluoro-4-cyanotoluene	135	C8H6FN	170572-49-3	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107429.D
Acq On : 17 Jul 2018 3:26
Operator : JU/SJ
Sample : J3954-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1041

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

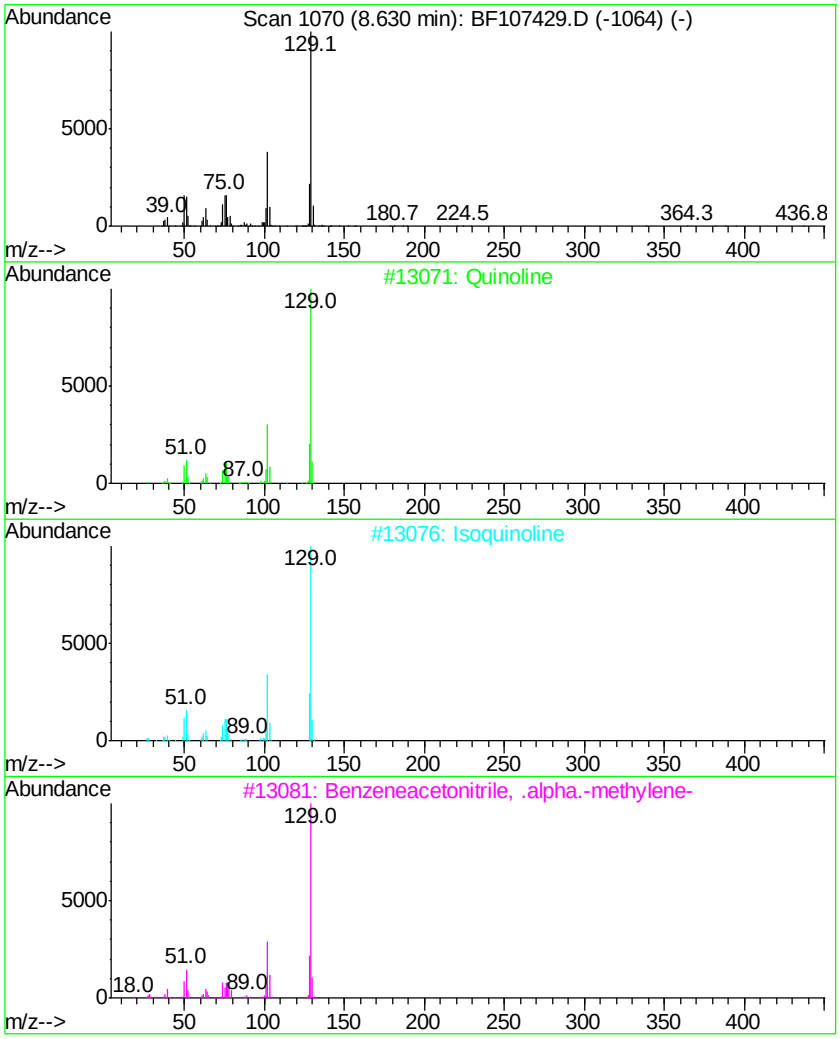
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

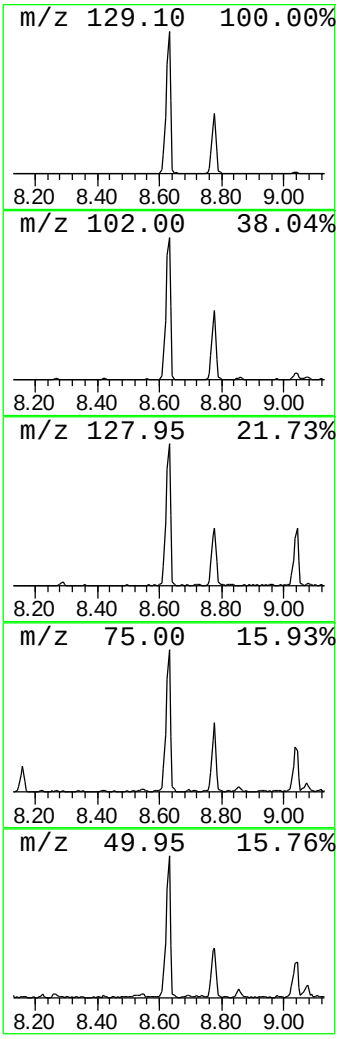
****

Peak Number 7 Quinoline Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	61.13 ng	4006910	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	96
2	Isoquinoline	129	C9H7N	000119-65-3	96
3	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	72
4	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	72
5	2,4-Dicyanopyridine	129	C7H3N3	029181-50-8	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107429.D
Acq On : 17 Jul 2018 3:26
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Instrument : BNA_F
ClientSampleId : FM1041

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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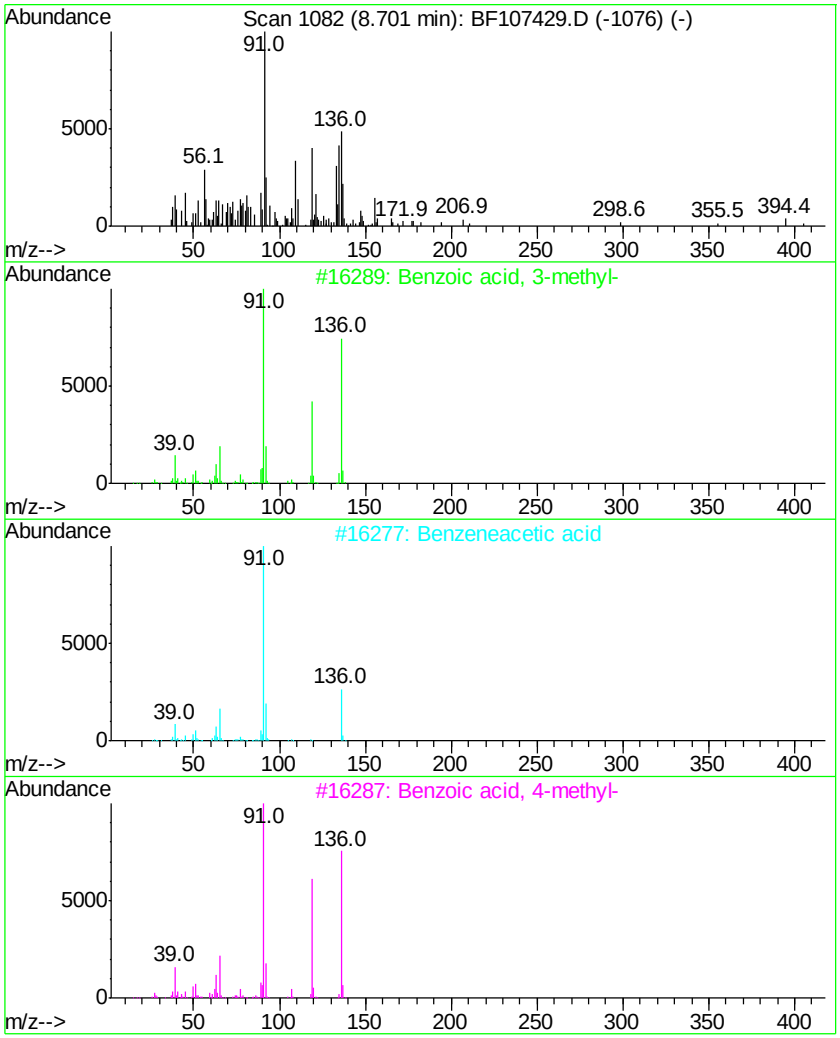
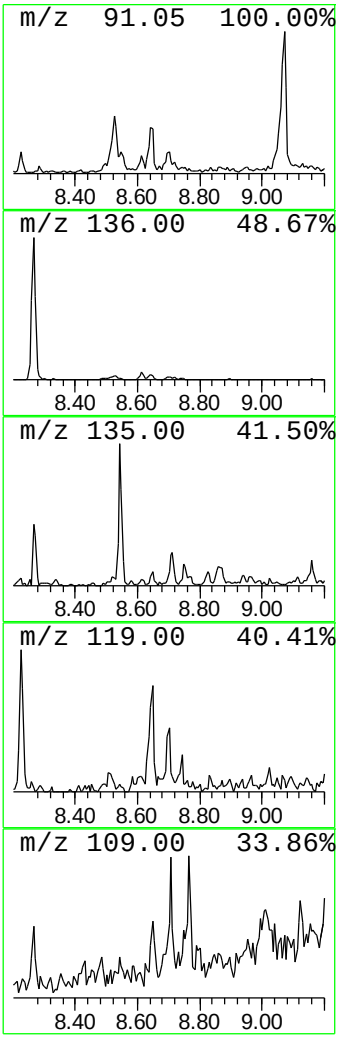
Peak Number 8 unknown8.70 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	6.43 ng	421391	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	25
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	15
3	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	14
4	Benzaldehyde, 2-amino-, oxime	136	C7H8N2O	003398-07-0	14
5	Benzenemethanol, 3,5-dimethyl-	136	C9H12O	027129-87-9	11





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Operator : JU/SJ
Sample : J3954-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1041

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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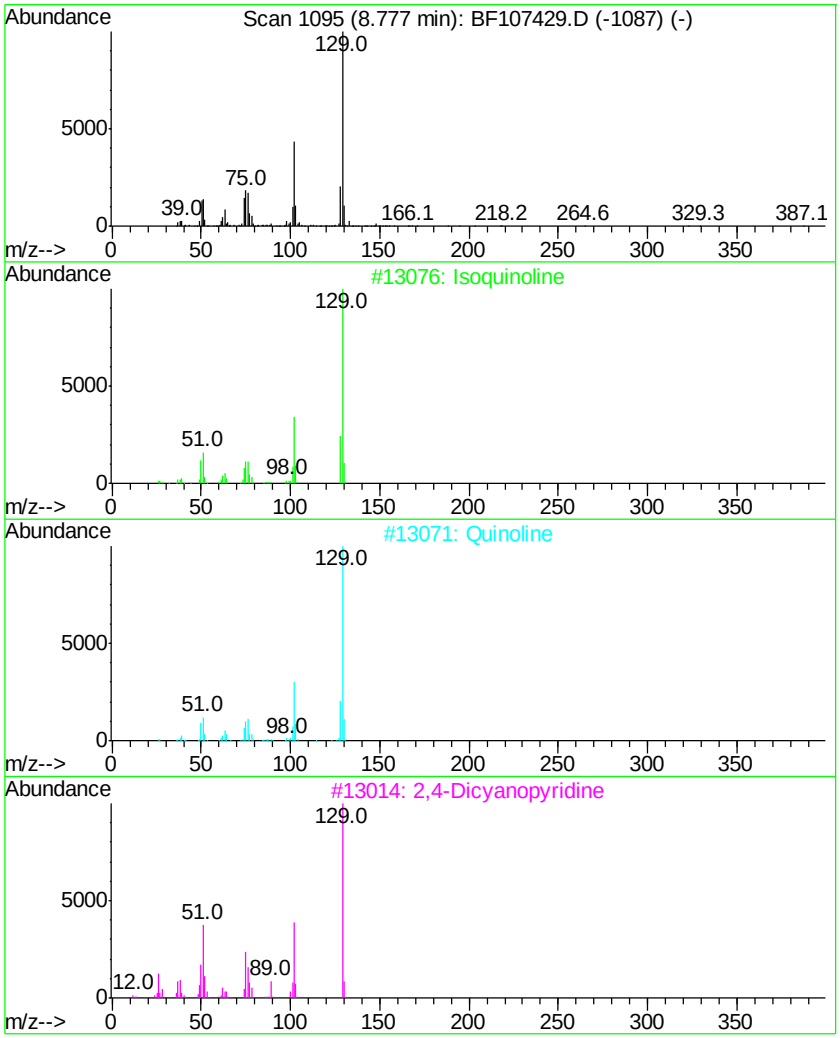
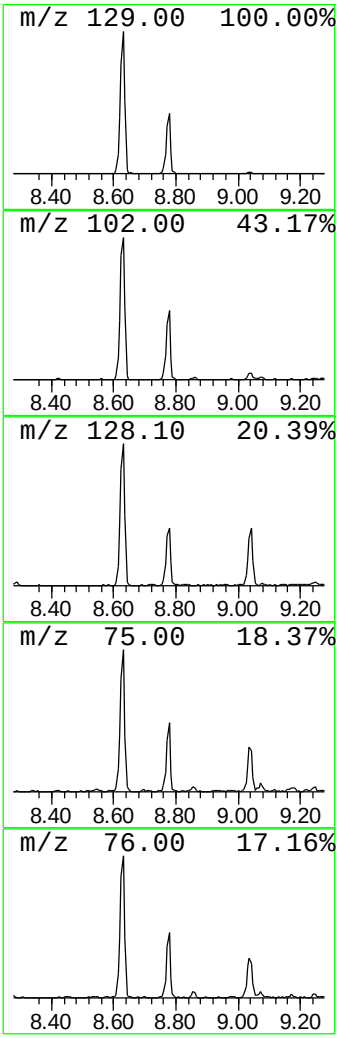
Peak Number 9 Isoquinoline Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	27.68 ng	1814650	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	96
2	Quinoline	129	C9H7N	000091-22-5	96
3	2,4-Dicyanopyridine	129	C7H3N3	029181-50-8	83
4	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	72
5	Pyridine-3,4-dicarbonitrile	129	C7H3N3	001633-44-9	72





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ClientSampleId : FM1041

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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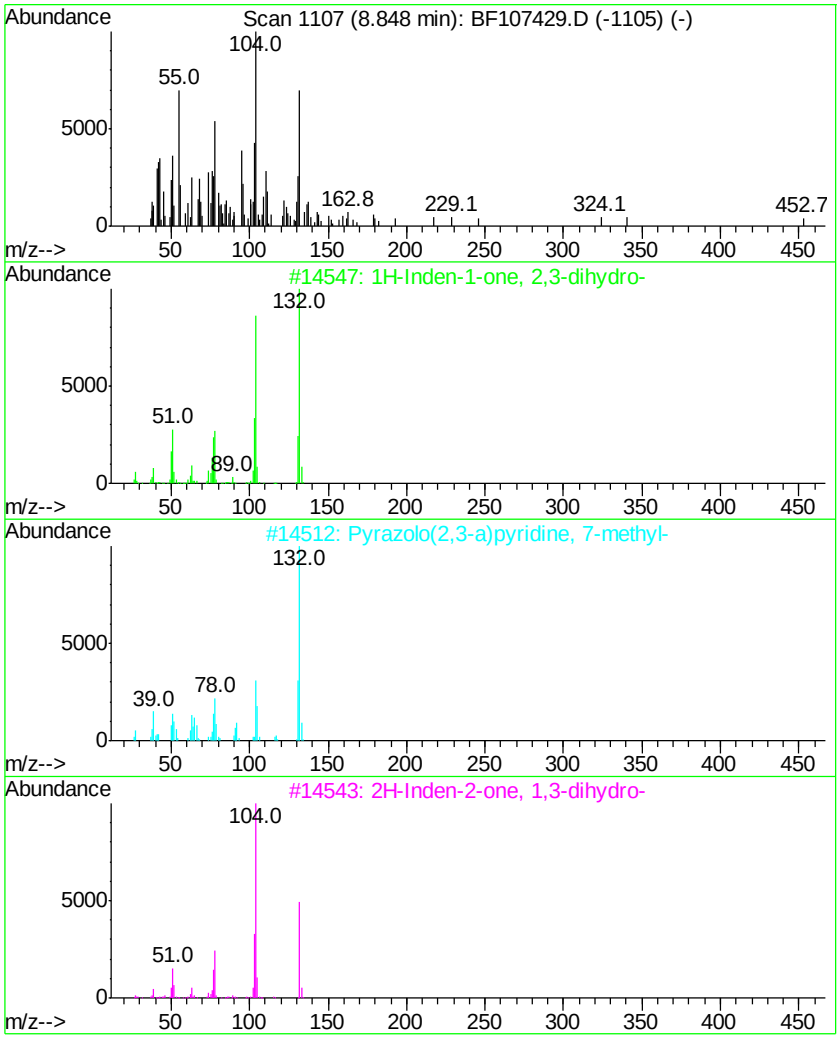
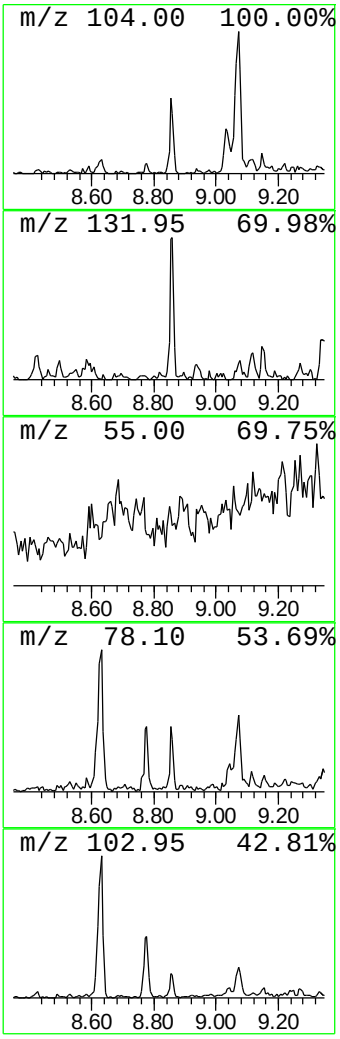
Peak Number 10 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	4.01 ng	263137	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	87
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	76
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	59
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	55
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	55





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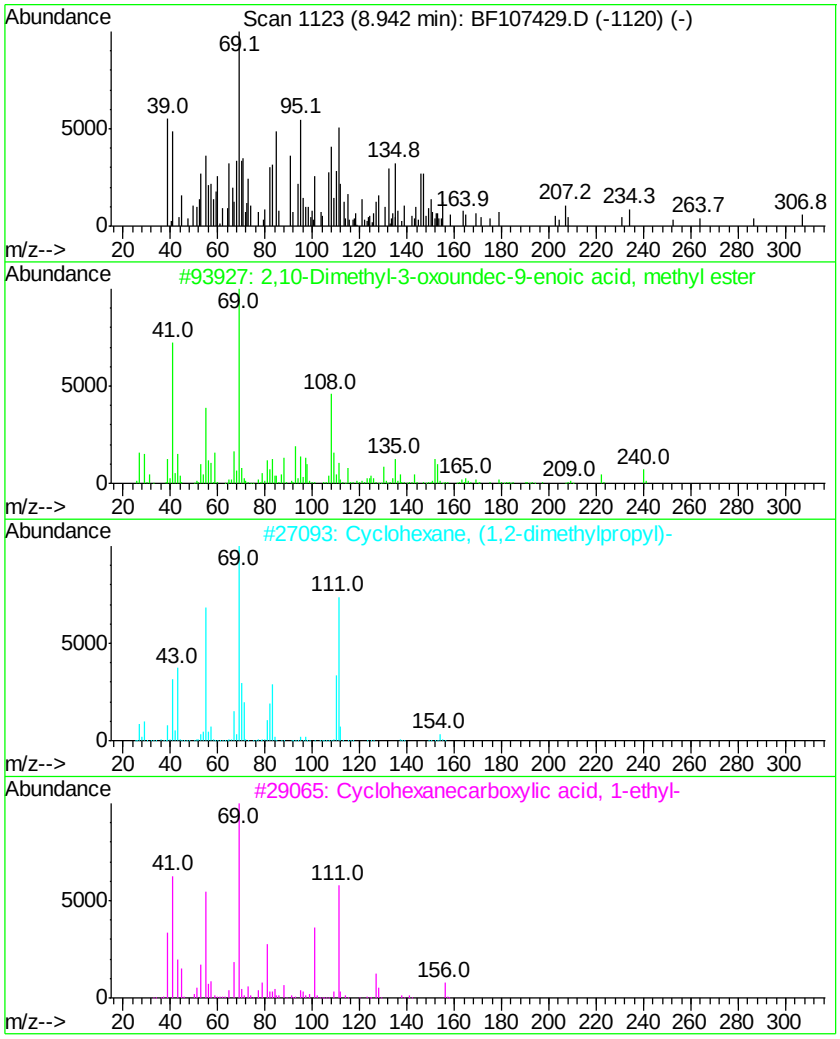
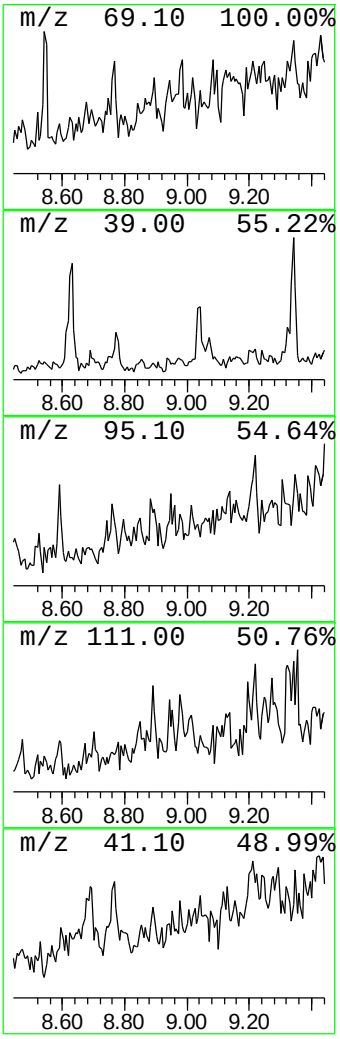
Peak Number 11 unknown8.94 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	2.83 ng	185347	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,10-Dimethyl-3-oxoundec-9-enoic...	240	C14H24O3	1000193-66-2	22
2	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	14
3	Cyclohexanecarboxylic acid, 1-et...	156	C9H16O2	001124-98-7	14
4	2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	11
5	Bicyclo[3.2.2]non-3-en-2-one, 6,...	150	C9H10O2	1000155-95-4	11





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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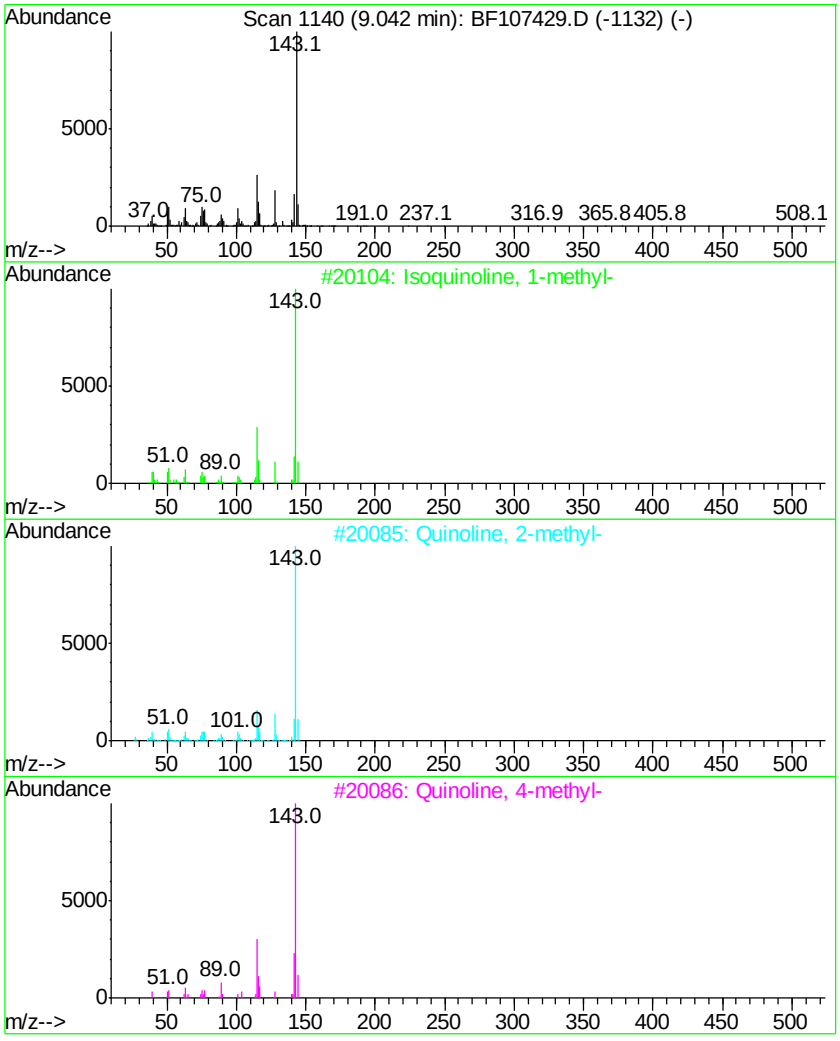
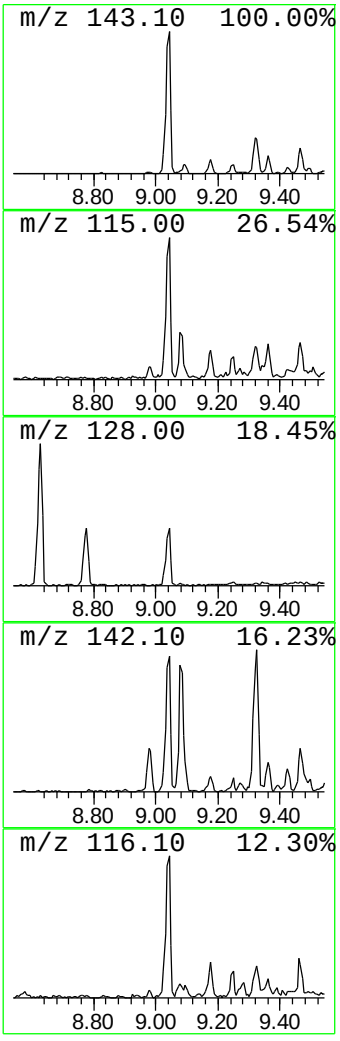
Peak Number 12 Isoquinoline, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	33.27 ng	2180980	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	91
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	90
3	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	87
4	Quinoline, 3-methyl-	143	C10H9N	000612-58-8	81
5	2-Naphthalenamine	143	C10H9N	000091-59-8	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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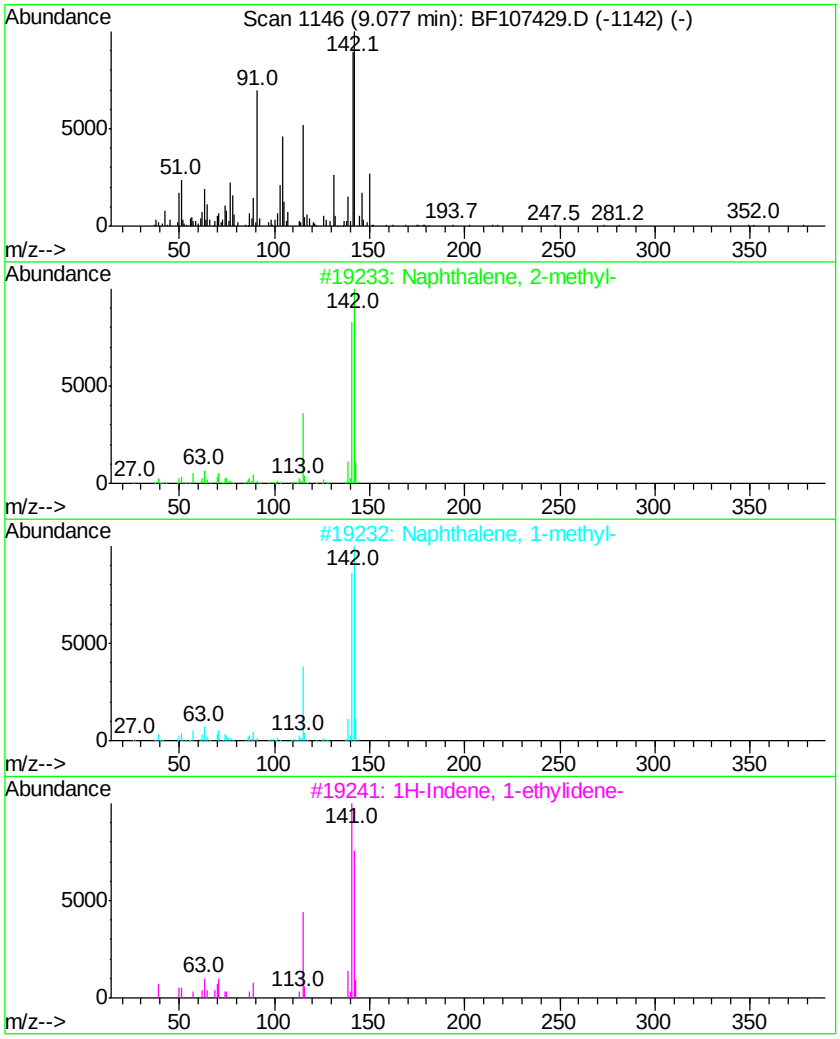
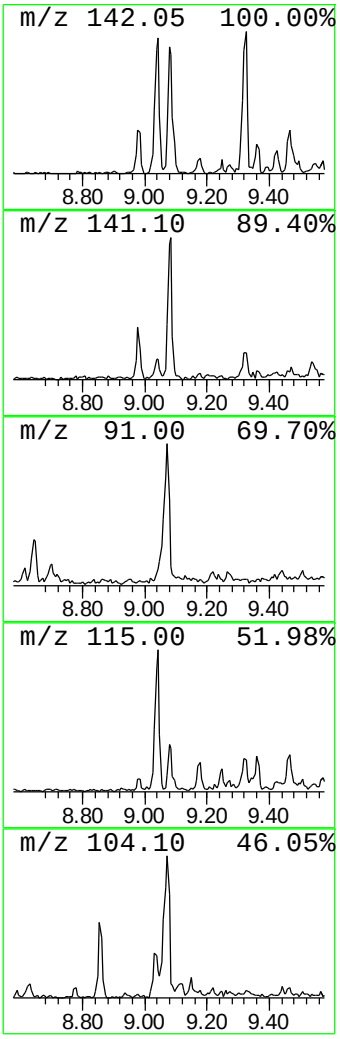
Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	14.93 ng	978692	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	64
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	64
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	52
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	52
5	2,5-Difluorobenzaldehyde	142	C7H4F2O	002646-90-4	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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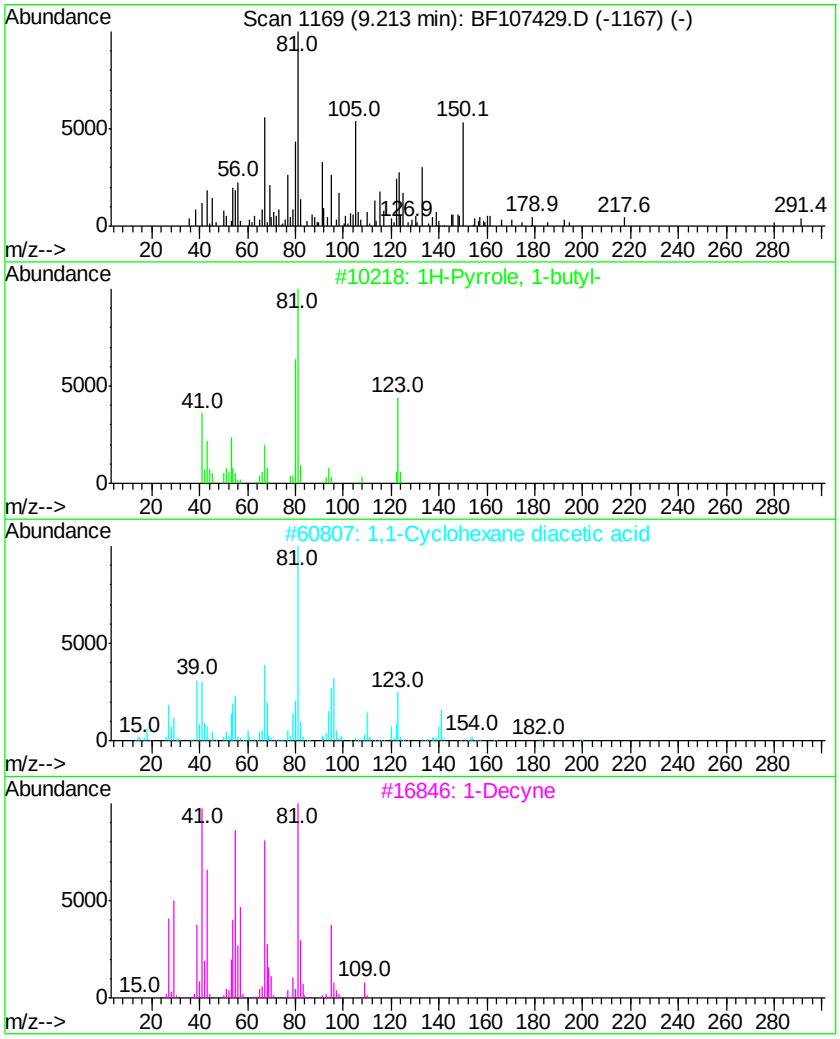
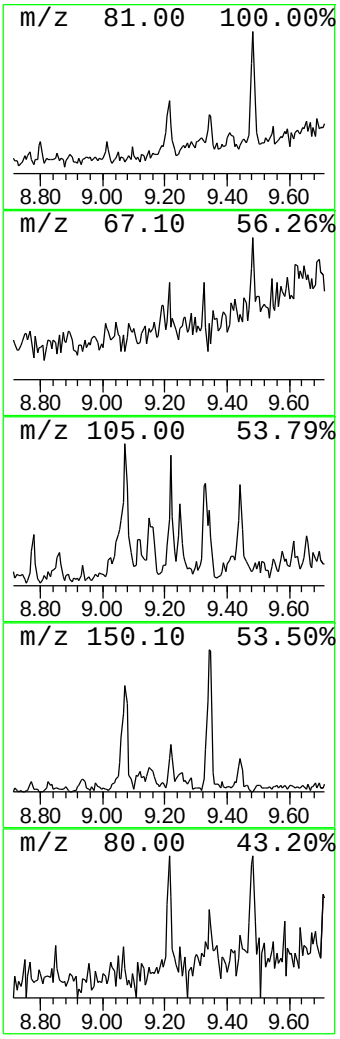
Peak Number 14 unknown9.21 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	3.43 ng	161808	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	46
2	1,1-Cyclohexane diacetic acid	200	C10H16O4	009355-11-7	38
3	1-Decyne	138	C10H18	000764-93-2	32
4	Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	25
5	Cyclohexane, 1,3-dichloro-	152	C6H10Cl2	055887-78-0	16





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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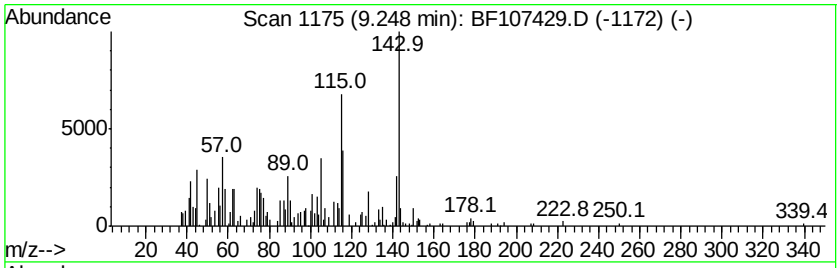
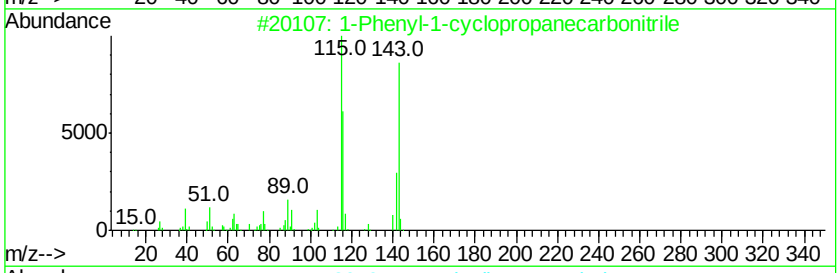
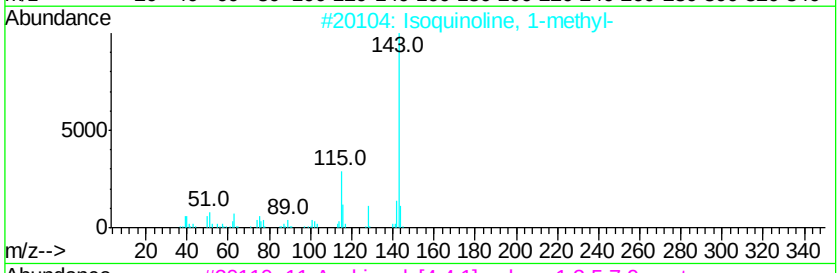
Peak Number 15 1-Phenyl-1-cyclopropanecarb... Concentration Rank 12

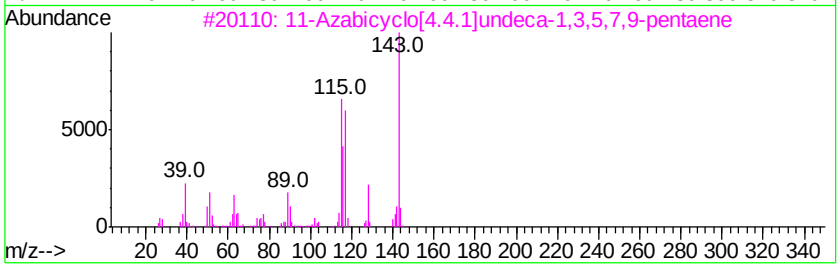
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	4.43 ng	208802	Acenaphthene-d10	10.03

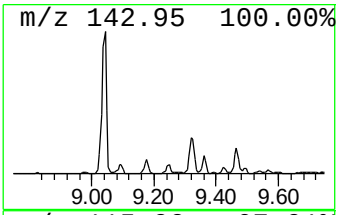
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-cyclopropanecarbonitrile	143	C10H9N	000935-44-4	87
2	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	64
3	11-Azabicyclo[4.4.1]undeca-1,3,5...	143	C10H9N	004753-55-3	49
4	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	49
5	Quinoline, 3-methyl-	143	C10H9N	000612-58-8	46

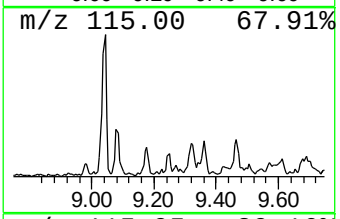


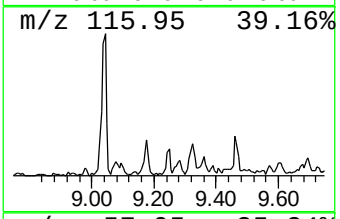


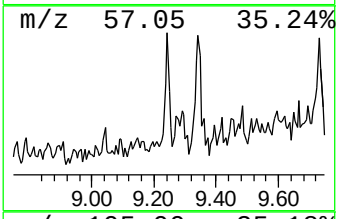


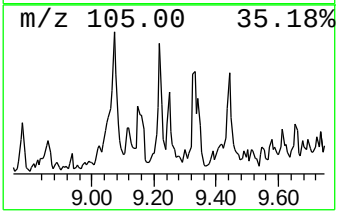












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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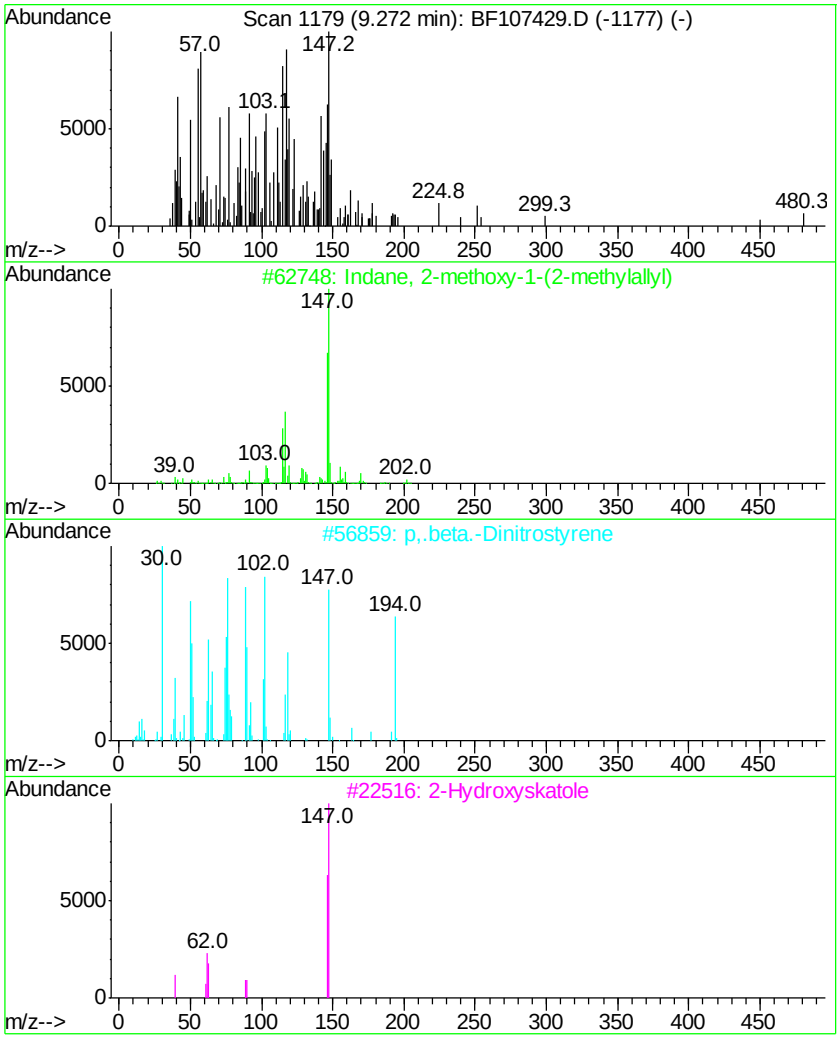
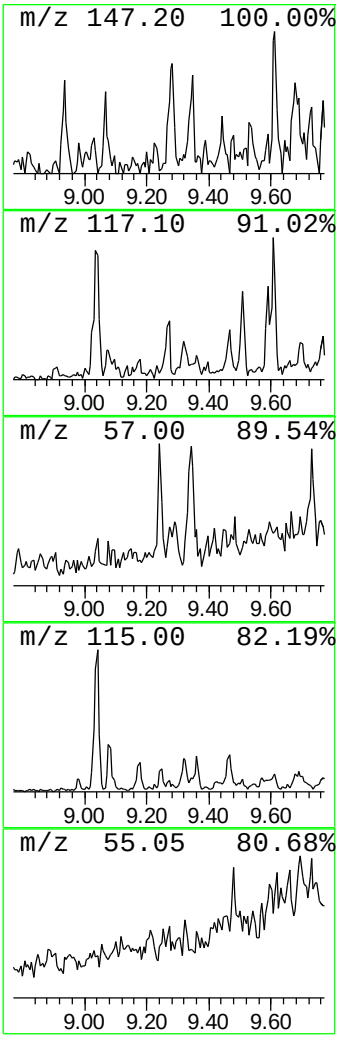
Peak Number 16 unknown9.27 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	3.40 ng	160465	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane, 2-methoxy-1-(2-methylallyl)	202	C14H18O	1000196-88-9	25
2	p,.beta.-Dinitrostyrene	194	C8H6N2O4	003156-41-0	20
3	2-Hydroxyskatole	147	C9H9NO	1000378-98-6	18
4	Quinoline, 1,2,3,4-tetrahydro-3-...	147	C10H13N	020668-20-6	14
5	Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	11





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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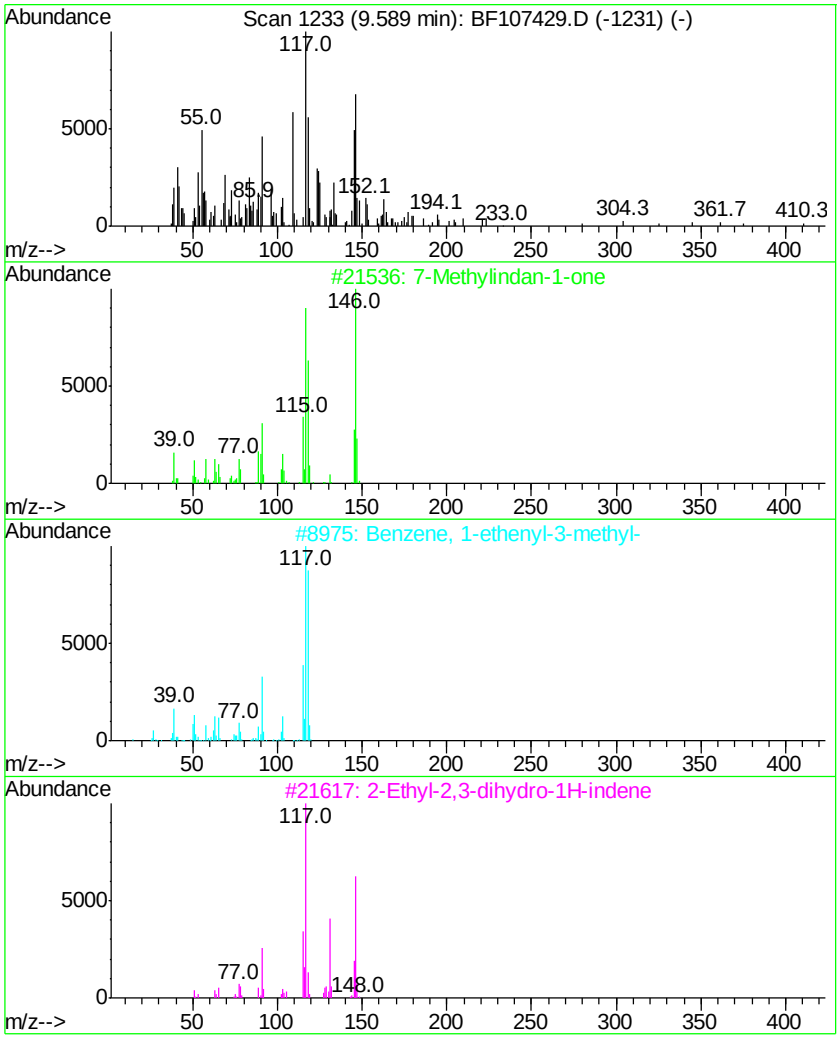
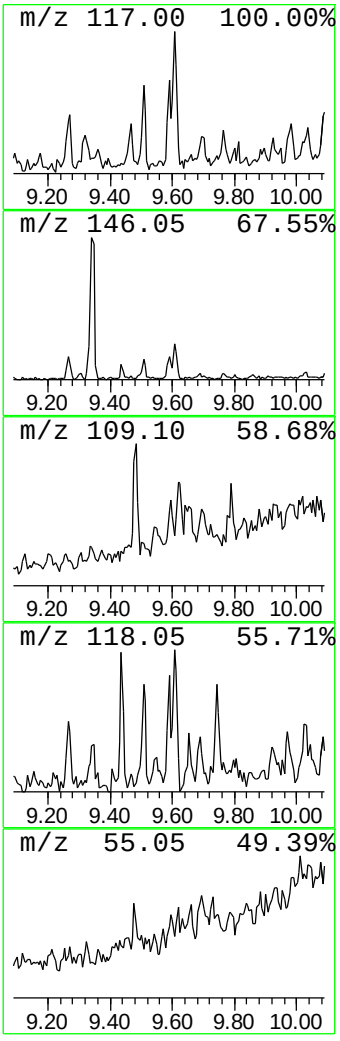
Peak Number 17 7-Methylindan-1-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	4.19 ng	197817	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	50
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	38
3	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	38
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	38
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	38





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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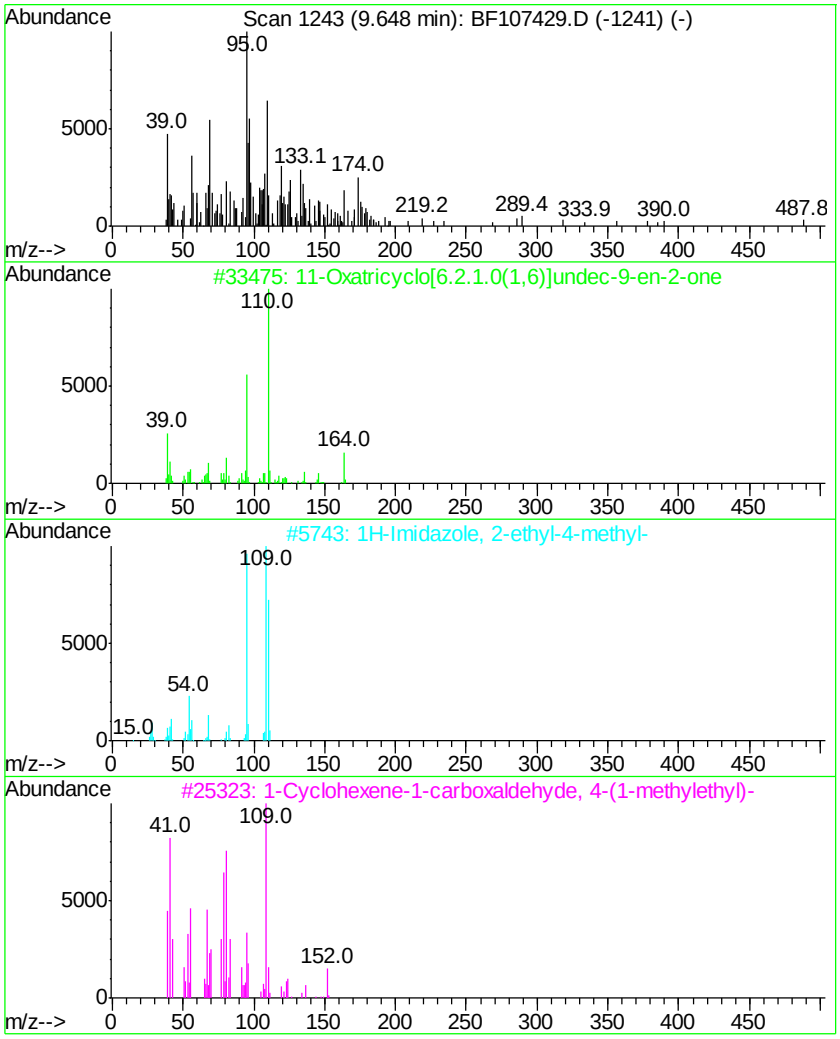
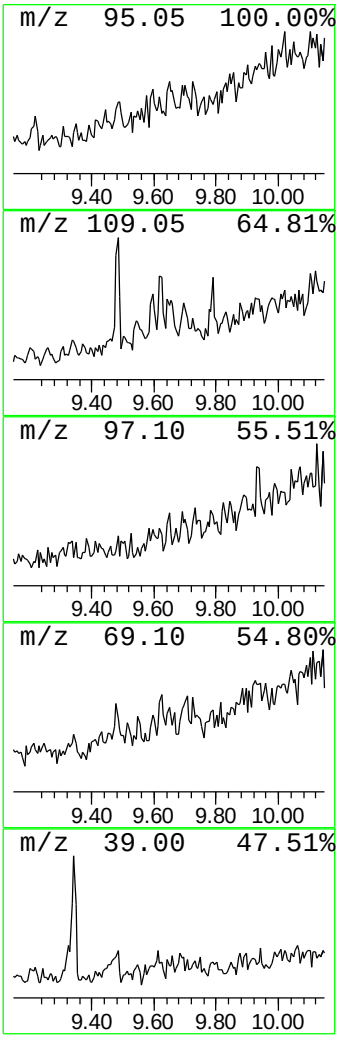
Peak Number 18 unknown9.65 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	3.80 ng	179116	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Oxatricyclo[6.2.1.0(1,6)unde...	164	C10H12O2	106247-65-8	43
2	1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	35
3	1-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	021391-98-0	25
4	3-Pyridinecarboxylic acid, 1,2-d...	139	C6H5NO3	000609-71-2	22
5	2(1H)-Pyridinone, 1-methyl-	109	C6H7NO	000694-85-9	11





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Acq On : 17 Jul 2018 3:26
Operator : JU/SJ
Sample : J3954-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1041

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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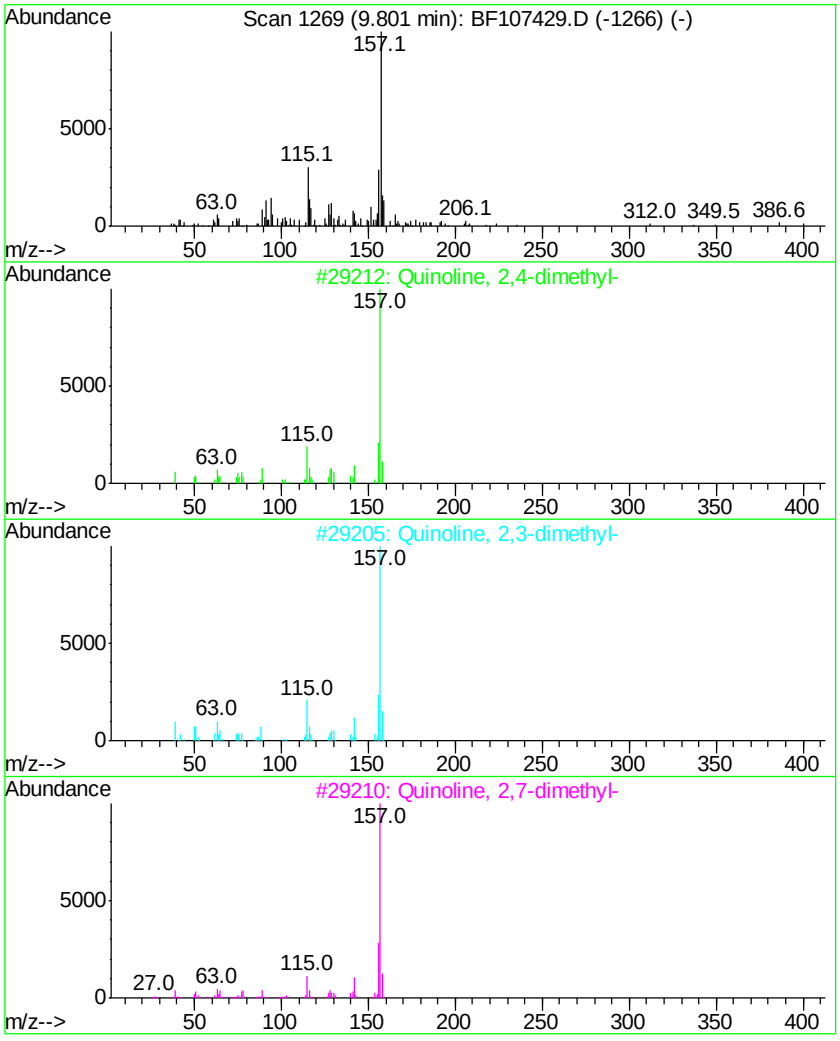
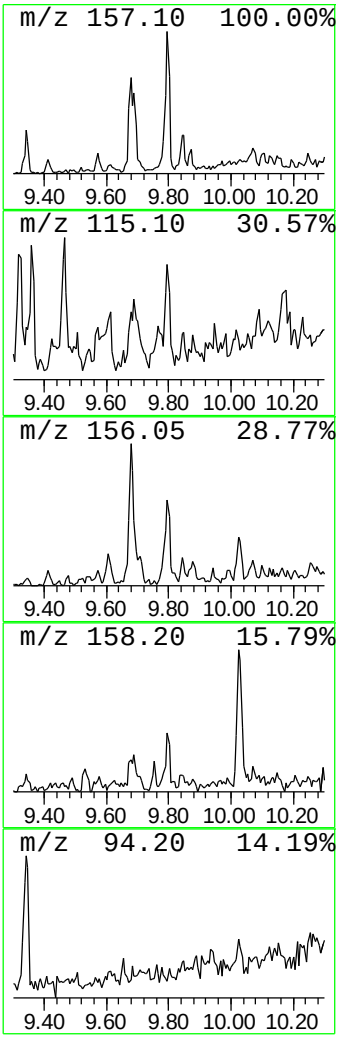
Peak Number 19 Quinoline, 2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	5.52 ng	260262	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	94
2	Quinoline, 2,3-dimethyl-	157	C11H11N	001721-89-7	91
3	Quinoline, 2,7-dimethyl-	157	C11H11N	000093-37-8	87
4	Quinoline, 4,8-dimethyl-	157	C11H11N	013362-80-6	81
5	2,8-Dimethylquinoline	157	C11H11N	001463-17-8	74





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Data File : BF107429.D
Acq On : 17 Jul 2018 3:26
Operator : JU/SJ
Sample : J3954-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1041

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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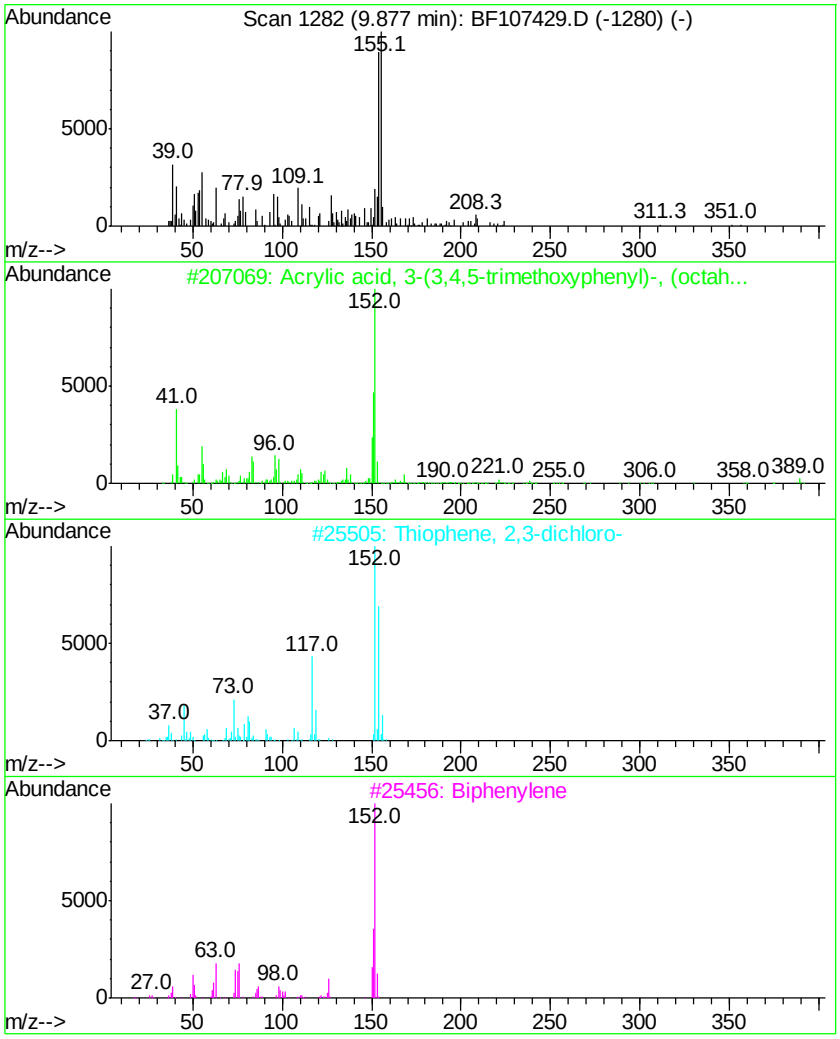
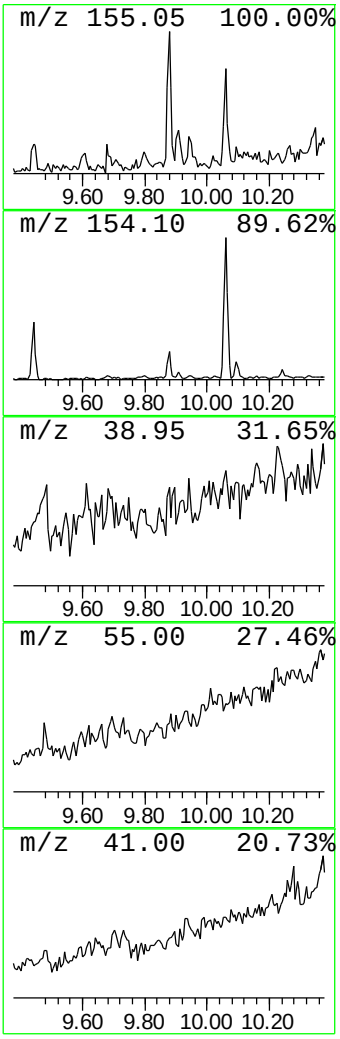
Peak Number 20 unknown9.88 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	6.49 ng	306170	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrylic acid, 3-(3,4,5-trimethox...	389	C22H31NO5	1000310-98-0	22
2	Thiophene, 2,3-dichloro-	152	C4H2Cl2S	017249-79-5	22
3	Biphenylene	152	C12H8	000259-79-0	18
4	6,7,8,9-Tetrahydro-5H-[1,2,4]tri...	152	C7H12N4	052333-20-7	18
5	Formhydrazide, 2-pyridylthio-	169	C6H7N3OS	1000259-37-0	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
Data File : BF107429.D
Acq On : 17 Jul 2018 3:26
Operator : JU/SJ
Sample : J3954-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1041

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.21	4.2	ng	253155	1	6.98	1193030	20.0
unknown6.75	6.75	68.8	ng	4101350	1	6.98	1193030	20.0
Benzaldehyde, 2-h...	7.23	8.0	ng	474261	1	6.98	1193030	20.0
Ethanol, 2-(2-but...	8.16	8.9	ng	581551	2	8.27	1310960	20.0
1,2-Benzisothiazole	8.54	3.0	ng	198543	2	8.27	1310960	20.0
Quinoline	8.63	61.1	ng	4006910	2	8.27	1310960	20.0
unknown8.70	8.70	6.4	ng	421391	2	8.27	1310960	20.0
Isoquinoline	8.78	27.7	ng	1814650	2	8.27	1310960	20.0
1H-Inden-1-one, 2...	8.85	4.0	ng	263137	2	8.27	1310960	20.0
unknown8.94	8.94	2.8	ng	185347	2	8.27	1310960	20.0
Isoquinoline, 1-m...	9.04	33.3	ng	2180980	2	8.27	1310960	20.0
Naphthalene, 1-me...	9.08	14.9	ng	978692	2	8.27	1310960	20.0
unknown9.21	9.21	3.4	ng	161808	3	10.03	943419	20.0
1-Phenyl-1-cyclop...	9.25	4.4	ng	208802	3	10.03	943419	20.0
unknown9.27	9.27	3.4	ng	160465	3	10.03	943419	20.0
7-Methylindan-1-one	9.59	4.2	ng	197817	3	10.03	943419	20.0
unknown9.65	9.65	3.8	ng	179116	3	10.03	943419	20.0
Quinoline, 2,4-di...	9.80	5.5	ng	260262	3	10.03	943419	20.0
unknown9.88	9.88	6.5	ng	306170	3	10.03	943419	20.0