LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076931.D
Acq On : 19 Jan 2015 15:58
Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

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-BF011415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.452	30	32	41	rBV	28558	65542	5.55%	0.691%
2	4.104	261	264	270	rBV	22119	48583	4.11%	0.512%
3	5.030	342	345	355	rBV	224815	413534	35.00%	4.361%
4	7.362	547	549	555	rBV	153927	254659	21.55%	2.686%
5	7.465	555	558	567	rVB	508145	796765	67.44%	8.403%
6	7.967	599	602	608	rVB	96695	168246	14.24%	1.774%
7	8.299	627	631	634	rBV	431716	743205	62.90%	7.838%
8	8.356	634	636	643	rVB	36612	54590	4.62%	0.576%
9	9.270	712	716	719	rBV	438592	653964	55.35%	6.897%
10	9.796	760	762	765	rVB	14275	19228	1.63%	0.203%
11	10.185	794	796	798	rVB	8644	11942	1.01%	0.126%
12	10.322	806	808	810	rVB	16278	22532	1.91%	0.238%
13	10.882	854	857	860	rBV	165511	249407	21.11%	2.630%
14	10.951	860	863	865	rVV	14077	31642	2.68%	0.334%
15	10.996	865	867	871	rVV3	9540	18594	1.57%	0.196%
16	11.076	871	874	877	rVB	28282	42022	3.56%	0.443%
17	11.614	915	921	926	rBV3	6998	20128	1.70%	0.212%
18	11.991	950	954	956	rBV	14653	23997	2.03%	0.253%
19	12.059	956	960	962	rVV4	9115	20102	1.70%	0.212%
20	12.139	965	967	972	rVB2	7571	14581	1.23%	0.154%
21	12.299	976	981	983	rBV2	10279	24617	2.08%	0.260%
22	12.345	983	985	990	rVB2	11559	24666	2.09%	0.260%
23	12.459	990	995	997	rBV	21083	42673	3.61%	0.450%
24	12.494	997	998	1002	rVB2	10141	11870	1.00%	0.125%
25	12.802	1018	1025	1030	rBV2	46935	118873	10.06%	1.254%
26	13.008	1041	1043	1048	rVV4	6256	14692	1.24%	0.155%
27	13.088	1048	1050	1054	rVB3	6531	12321	1.04%	0.130%
28	13.225	1060	1062	1065	rBV3	11119	23258	1.97%	0.245%
29	13.408	1075	1078	1080	rBV3	10181	14467	1.22%	0.153%
30	13.534	1085	1089	1092	rVB	798183	1181506	100.00%	12.460%
31	13.899	1114	1121	1124	rBV5	14070	37064	3.14%	0.391%
32	13.957	1124	1126	1130	rVB3	11401	17123	1.45%	0.181%
33	14.071	1133	1136	1141	rVB5	9210	27192	2.30%	0.287%
34	14.265	1149	1153	1156	rBV4	12851	41372	3.50%	0.436%

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Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

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-BF011415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.368	1160	1162	1164	rVB3	7338	11828	1.00%	0.125%
36	14.517	1171	1175	1180	rBV6	25068	73103	6.19%	0.771%
37	14.597	1180	1182	1185	rVV2	10046	17508	1.48%	0.185%
38	14.711	1188	1192	1195	rVB	21439	41358	3.50%	0.436%
39	15.008	1215	1218	1221	rVB	175486	277118	23.45%	2.922%
40	15.077	1221	1224	1229	rBV5	13009	41544	3.52%	0.438%
41	15.500	1259	1261	1266	rVB4	8843	20432	1.73%	0.215%
42	15.602	1266	1270	1275	rBV7	6518	25006	2.12%	0.264%
43	15.728	1278	1281	1283	rBV3	11484	20298	1.72%	0.214%
44	15.820	1285	1289	1290	rBV4	11399	23489	1.99%	0.248%
45	15.922	1295	1298	1301	rBV4	13333	42614	3.61%	0.449%
46	15.991	1301	1304	1305	rVV3	12583	28581	2.42%	0.301%
47	16.048	1308	1309	1315	rVB5	15732	41868	3.54%	0.442%
48	16.174	1315	1320	1323	rBV6	10751	30918	2.62%	0.326%
49	16.220	1323	1324	1327	rBV2	7906	14136	1.20%	0.149%
50	16.391	1337	1339	1344	rVB5	9854	16369	1.39%	0.173%
51	16.528	1348	1351	1352	rBV3	6736	13005	1.10%	0.137%
52	16.620	1357	1359	1361	rBV	20521	31844	2.70%	0.336%
53	16.677	1361	1364	1366	rVV	556722	750816	63.55%	7.918%
54	16.711	1366	1367	1376	rVB	53772	100090	8.47%	1.056%
55	16.905	1379	1384	1387	rBV6	21342	53469	4.53%	0.564%
56	17.168	1404	1407	1413	rVB	39168	58242	4.93%	0.614%
57	17.271	1413	1416	1418	rBV4	9233	21630	1.83%	0.228%
58	17.328	1419	1421	1422	rBV2	8408	12492	1.06%	0.132%
59	17.500	1434	1436	1439	rVB4	6789	12565	1.06%	0.133%
60	17.774	1457	1460	1463	rBV	250770	311799	26.39%	3.288%
61	17.820	1463	1464	1466	rVB2	18159	15663	1.33%	0.165%
62	17.991	1477	1479	1484	rBV5	11037	24851	2.10%	0.262%
63	18.277	1502	1504	1507	rBV4	5096	13669	1.16%	0.144%
64	18.460	1517	1520	1523	rBV4	7015	17688	1.50%	0.187%
65	18.517	1523	1525	1527	rBV3	8266	16705	1.41%	0.176%
66	18.769	1544	1547	1549	rBV2	53596	67519	5.71%	0.712%
67	19.020	1566	1569	1571	rBV3	7739	20283	1.72%	0.214%
68	19.786	1633	1636	1639	rBV4	21305	37131	3.14%	0.392%
69	20.003	1652	1655	1658	rBV	1020757	1138260	96.34%	12.004%
70	20.780	1721	1723	1725	rBV	41132	40963	3.47%	0.432%
71	20.883	1730	1732	1735	rVB4	7434	12883	1.09%	0.136%

LSC Area Percent Report

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Acq On : 19 Jan 2015 15:58
Operator : IZ / TP
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

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-BF011415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	21.272	1761	1766	1768	rVB	280657	353907	29.95%	3.732%
73	21.660	1798	1800	1802	rBV3	6512	12899	1.09%	0.136%
74	22.472	1869	1871	1875	rVB4	13641	25215	2.13%	0.266%
75	22.917	1907	1910	1913	rBV	250914	283648	24.01%	2.991%
76	23.135	1926	1929	1932	rBV4	7434	17890	1.51%	0.189%
77	23.443	1952	1956	1957	rBV4	5914	13267	1.12%	0.140%
78	23.489	1958	1960	1962	rBV3	7012	12823	1.09%	0.135%

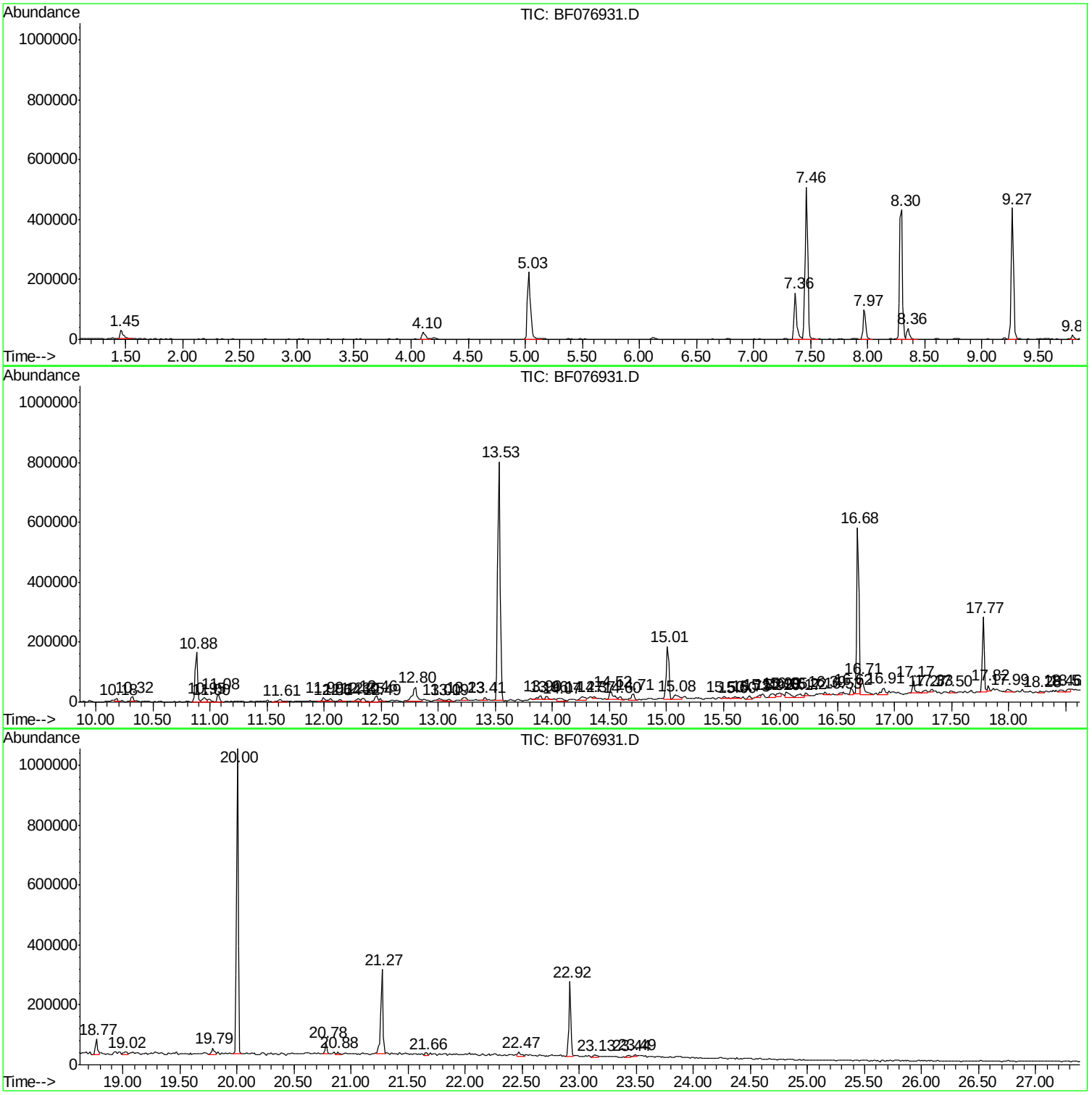
Sum of corrected areas: 9482343

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076931.D
Acq On : 19 Jan 2015 15:58
Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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\BF011915\
Data File : BF076931.D
Acq On : 19 Jan 2015 15:58
Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

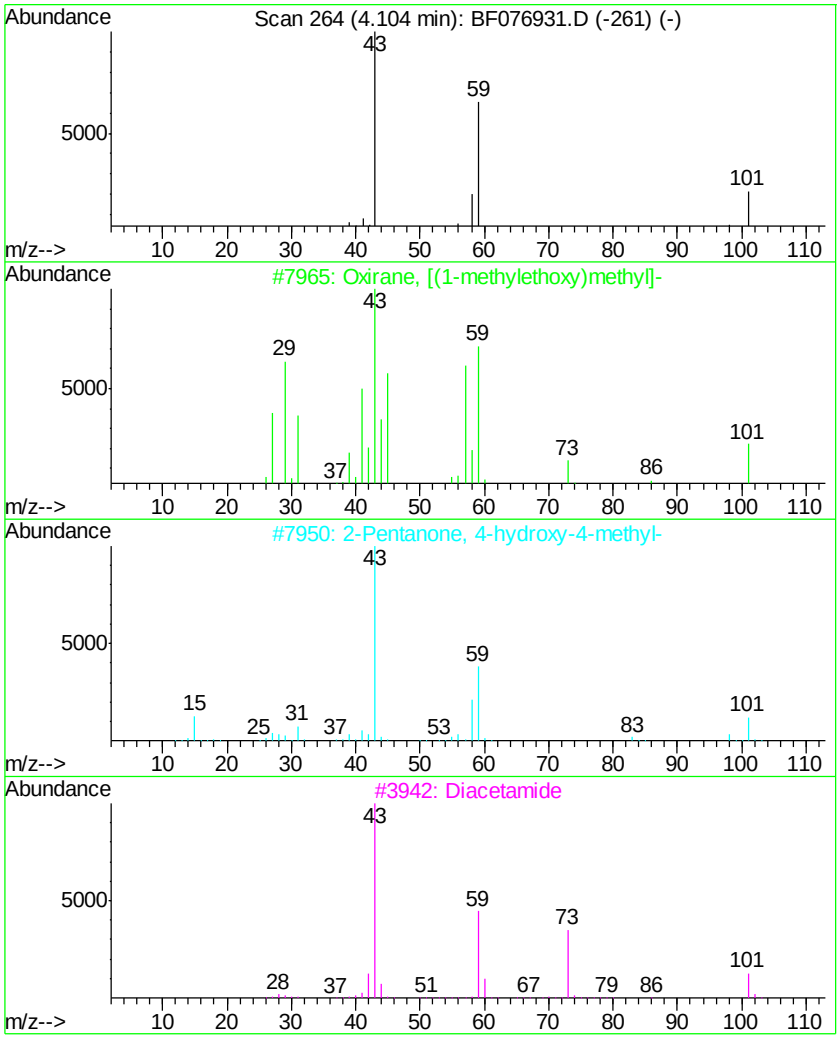
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

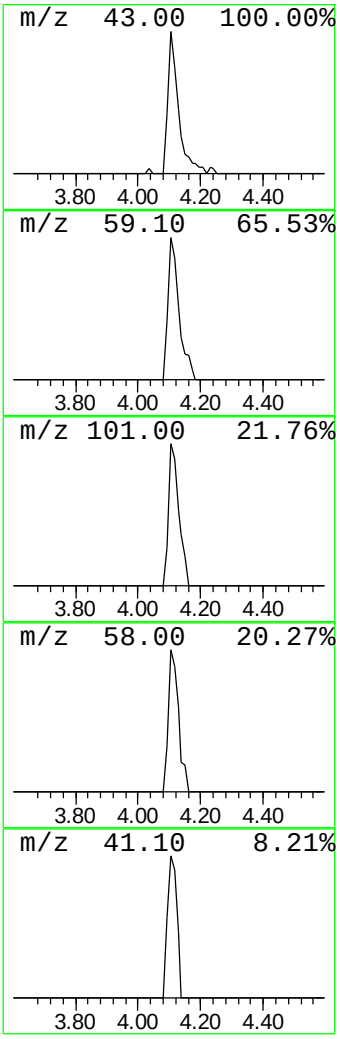
****

Peak Number 2 Oxirane, [(1-methylethoxy)m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	5.78 ng	48583	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
3	Diacetamide	101	C4H7NO2	000625-77-4	7
4	Guanidine	59	CH5N3	000113-00-8	5
5	5-Hexen-2-one	98	C6H10O	000109-49-9	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076931.D
Acq On : 19 Jan 2015 15:58
Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

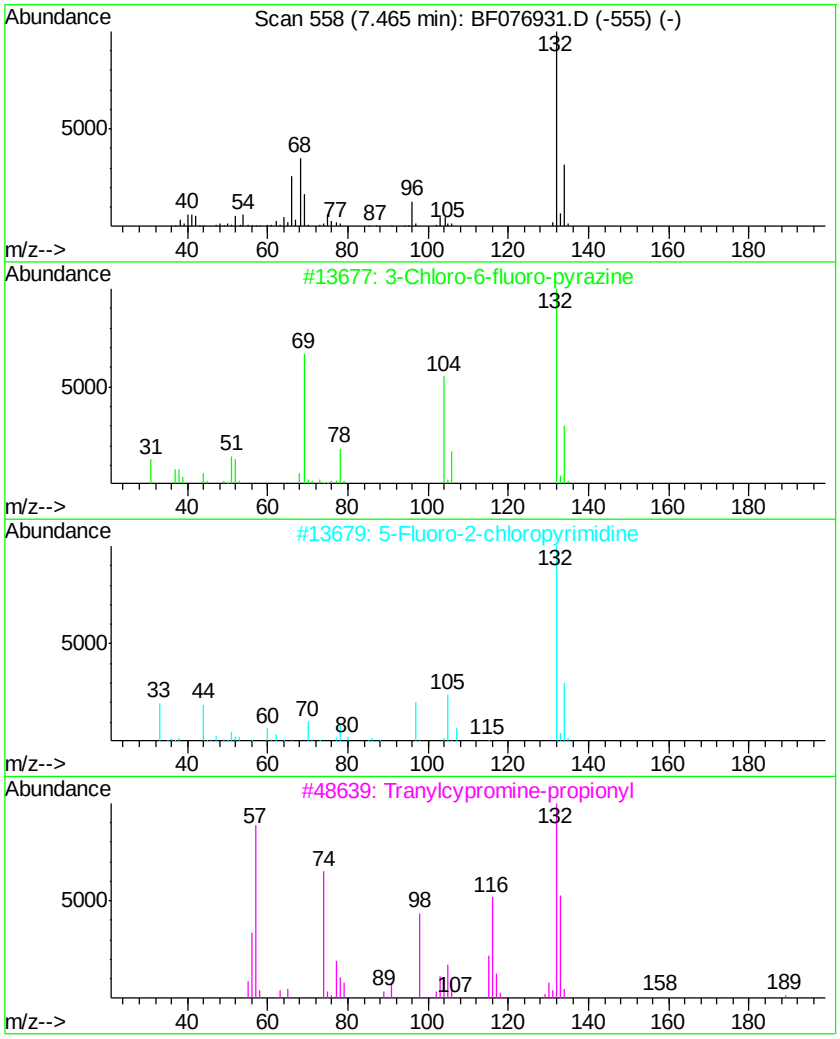
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

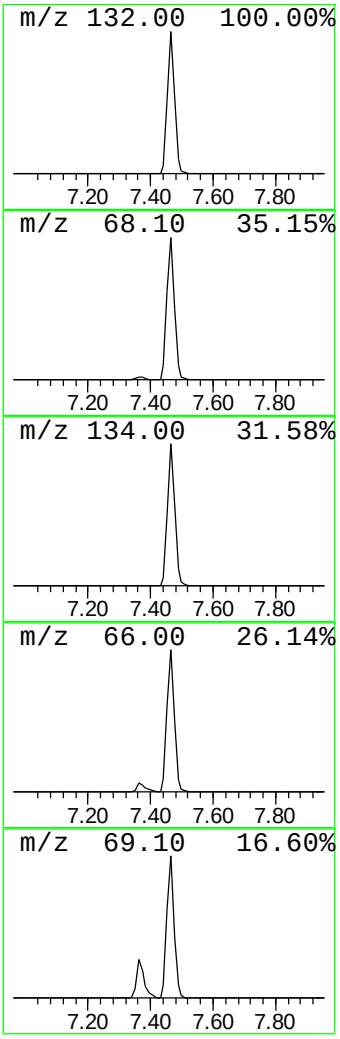
****

Peak Number 3 unknown7.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	94.71 ng	796765	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : G1101-14
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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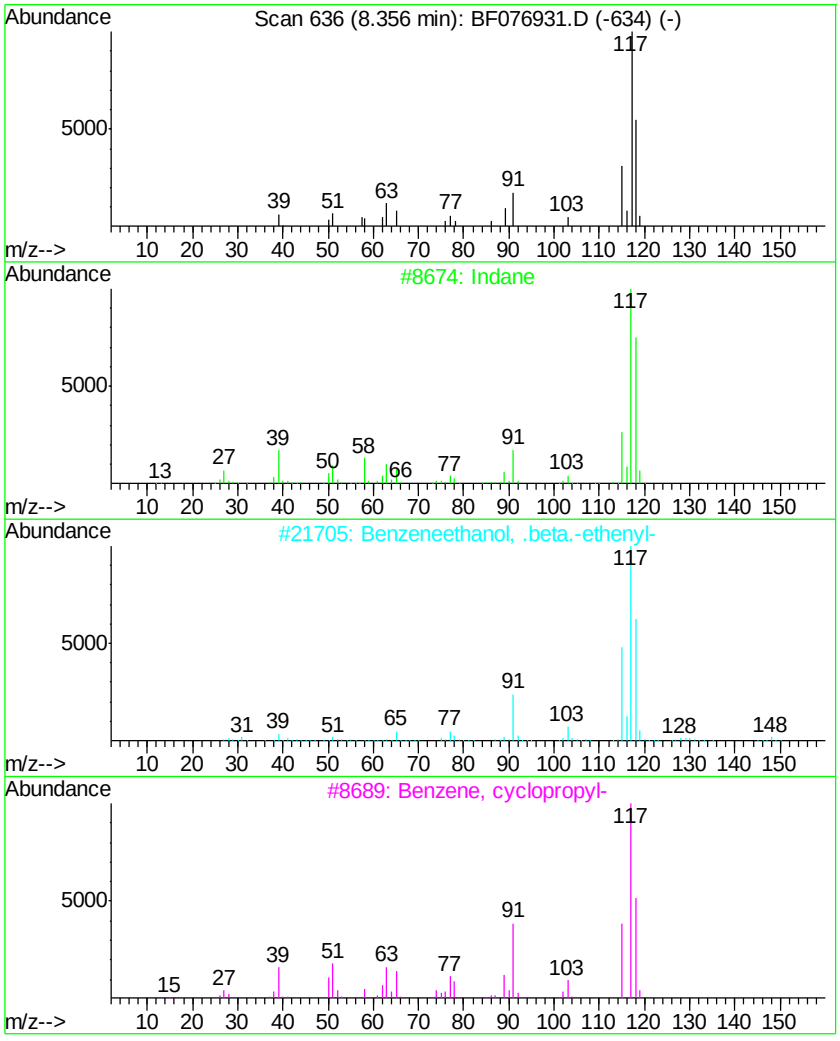
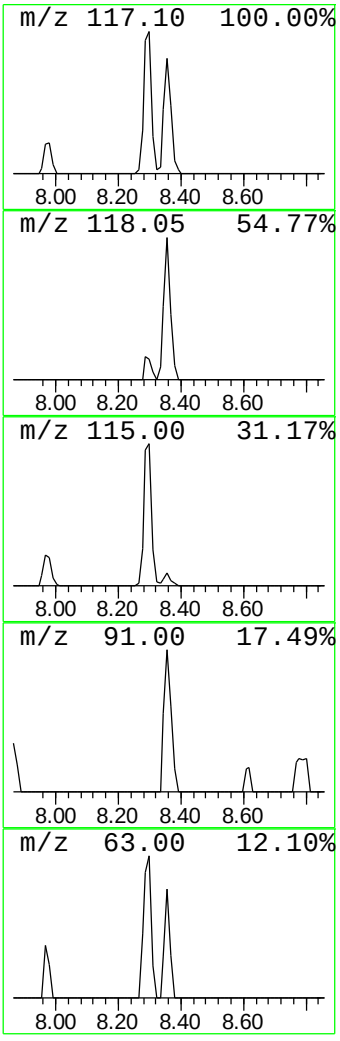
****

Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	6.49 ng	54590	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59
5	Deltacyclene	118	C9H10	007785-10-6	50





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Sample : G1101-14
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

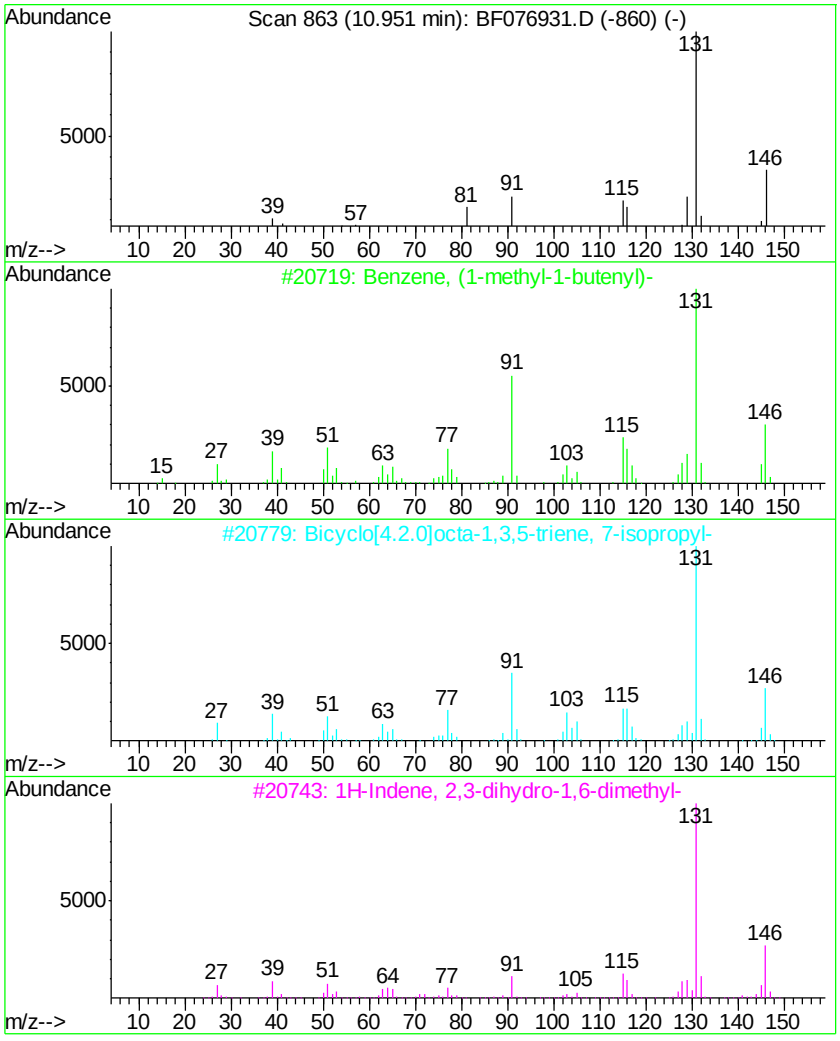
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

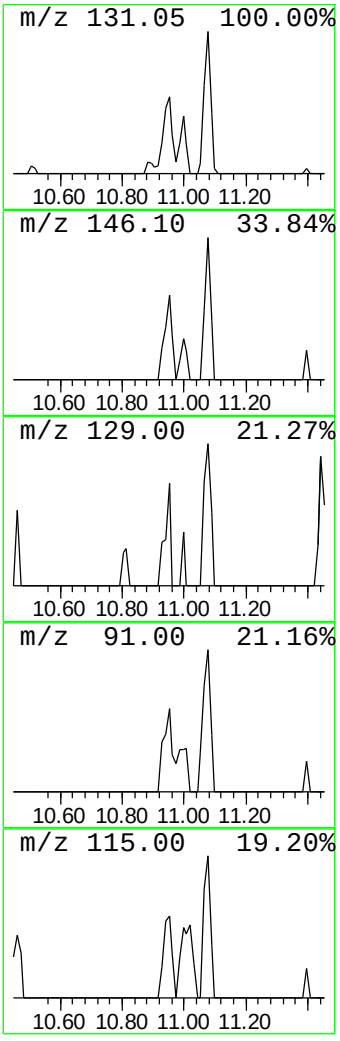
****

Peak Number 6 Benzene, (1-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	2.54 ng	31642	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	86
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	72
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	64
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64





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Data File : BF076931.D
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Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

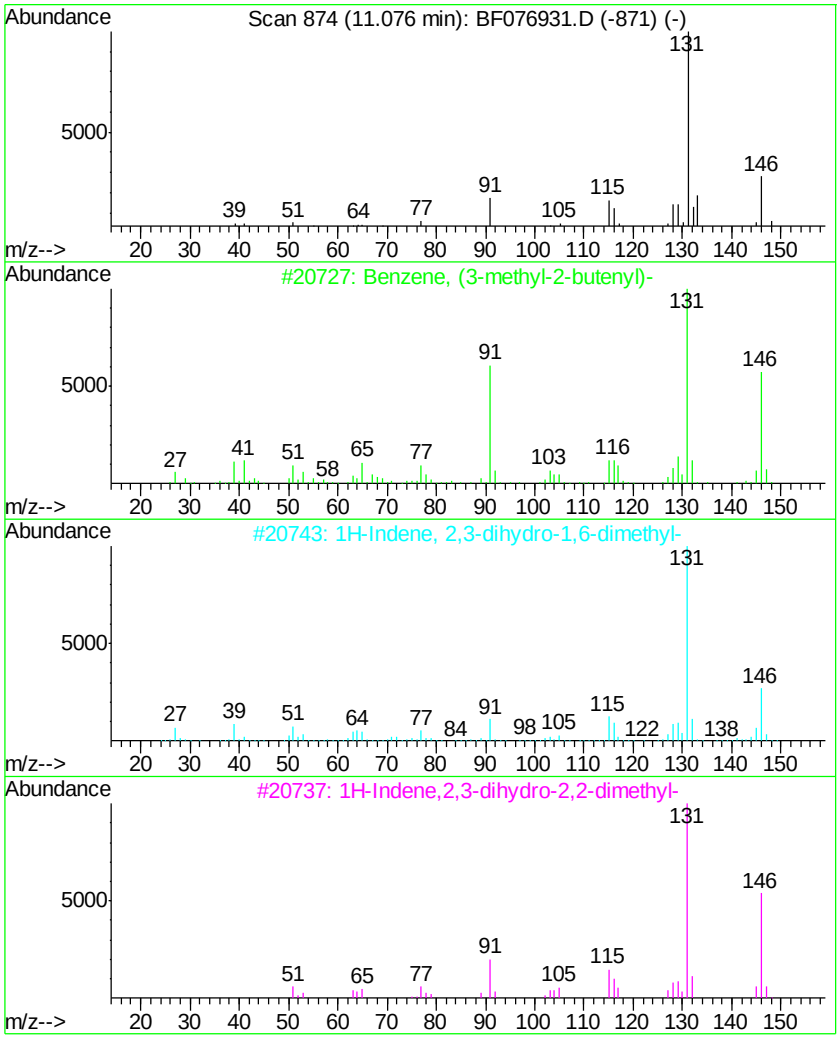
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

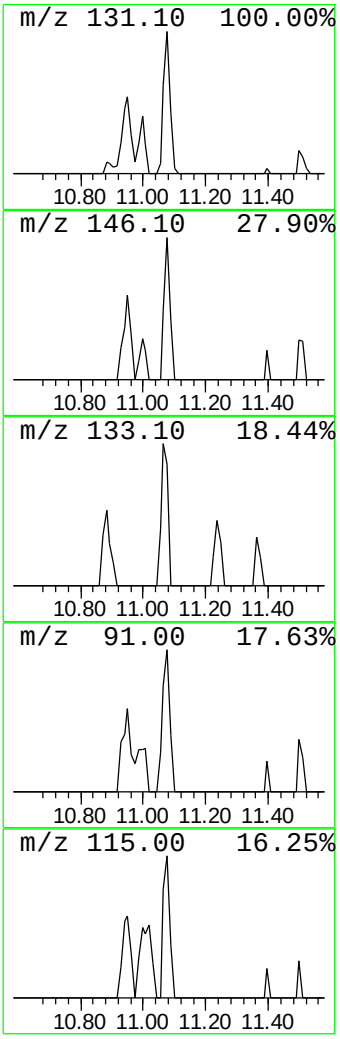
****

Peak Number 7 Benzene, (3-methyl-2-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	3.37 ng	42022	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
3	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	87





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Data File : BF076931.D
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Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

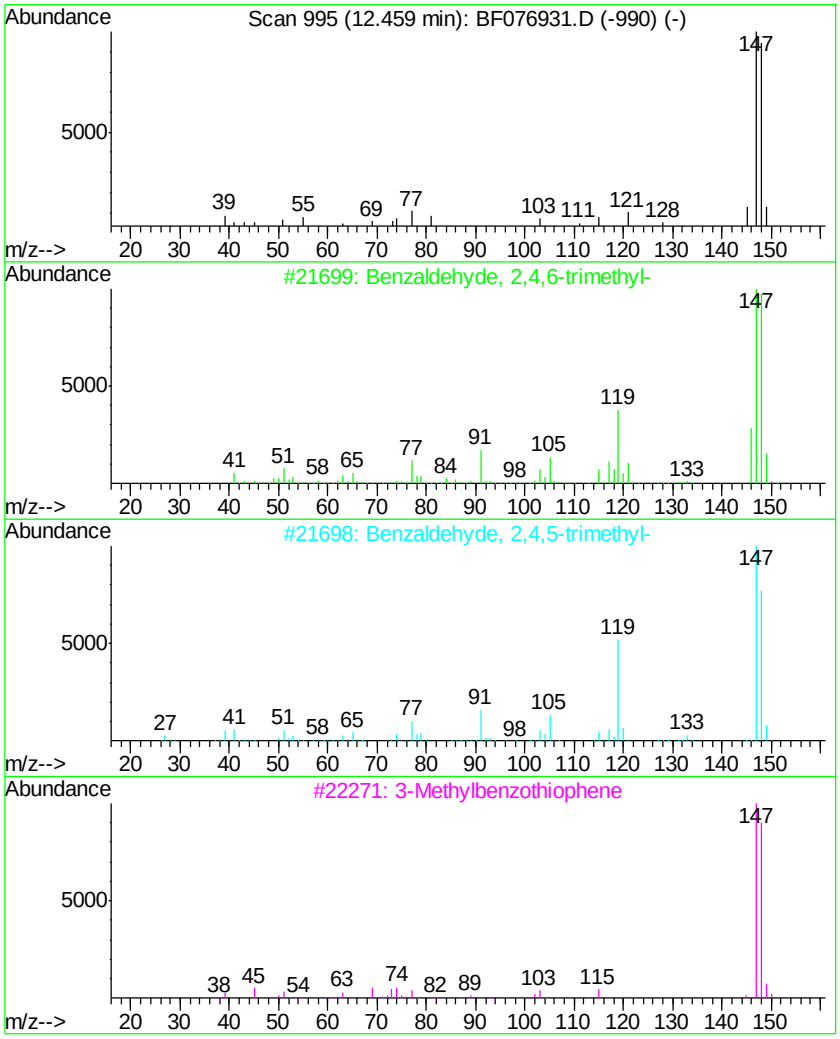
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

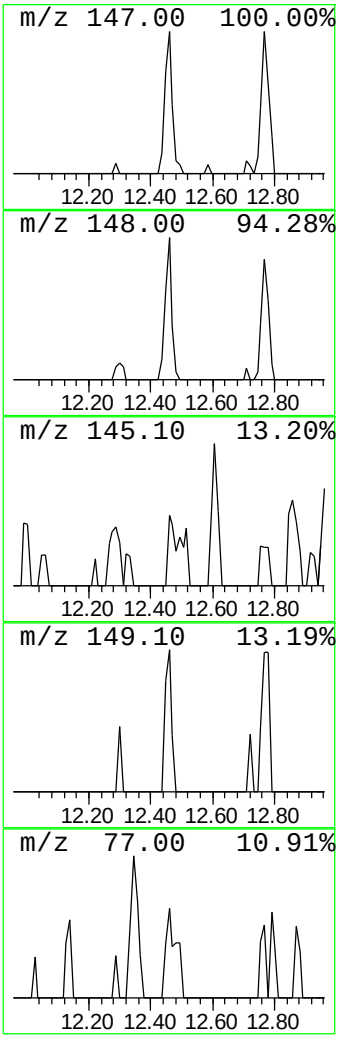
****

Peak Number 8 Benzaldehyde, 2,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.42 ng	42673	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	80
2	Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	80
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	80
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	53
5	2H-1-Benzopyran-2-one, 3,4-dihydro-	148	C9H8O2	000119-84-6	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076931.D
Acq On : 19 Jan 2015 15:58
Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

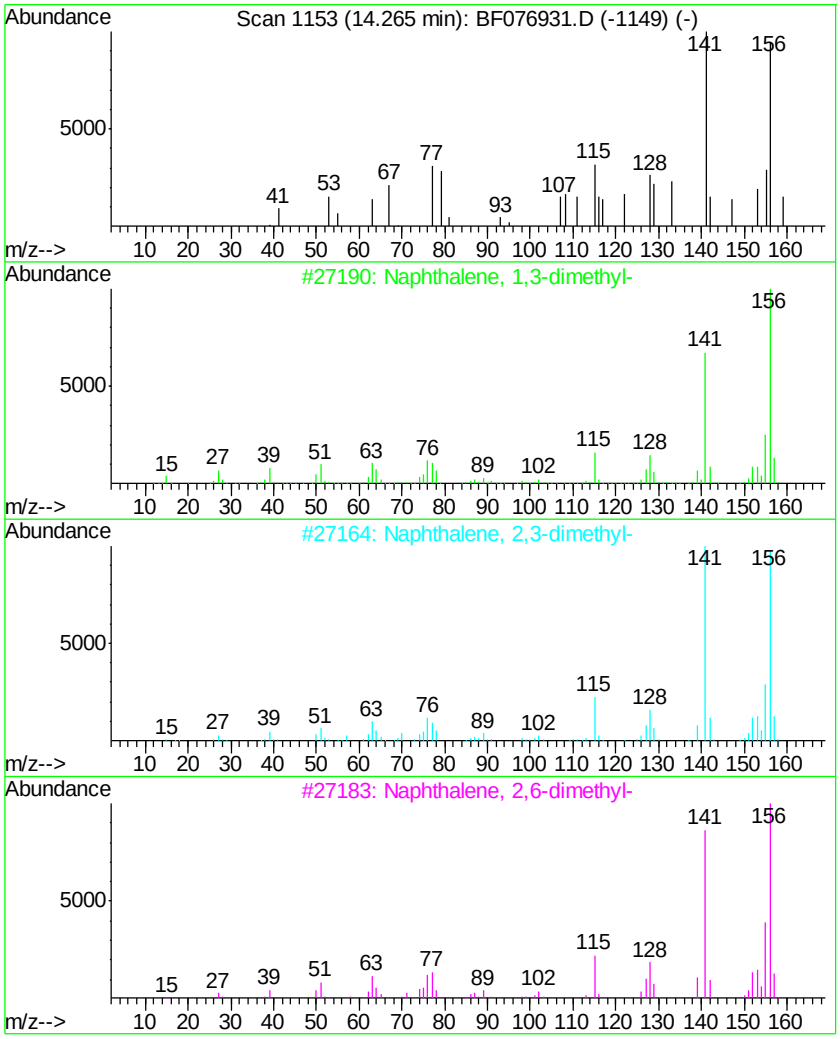
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

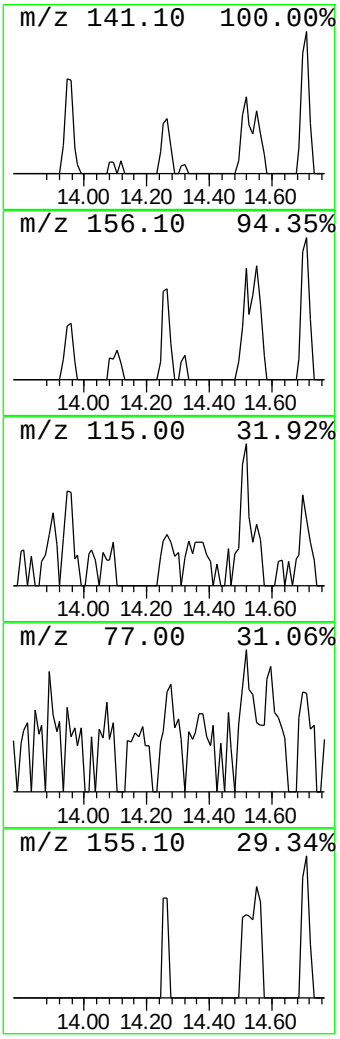
****

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.99 ng	41372	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	72
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	59
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	59
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	59





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Data File : BF076931.D
Acq On : 19 Jan 2015 15:58
Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

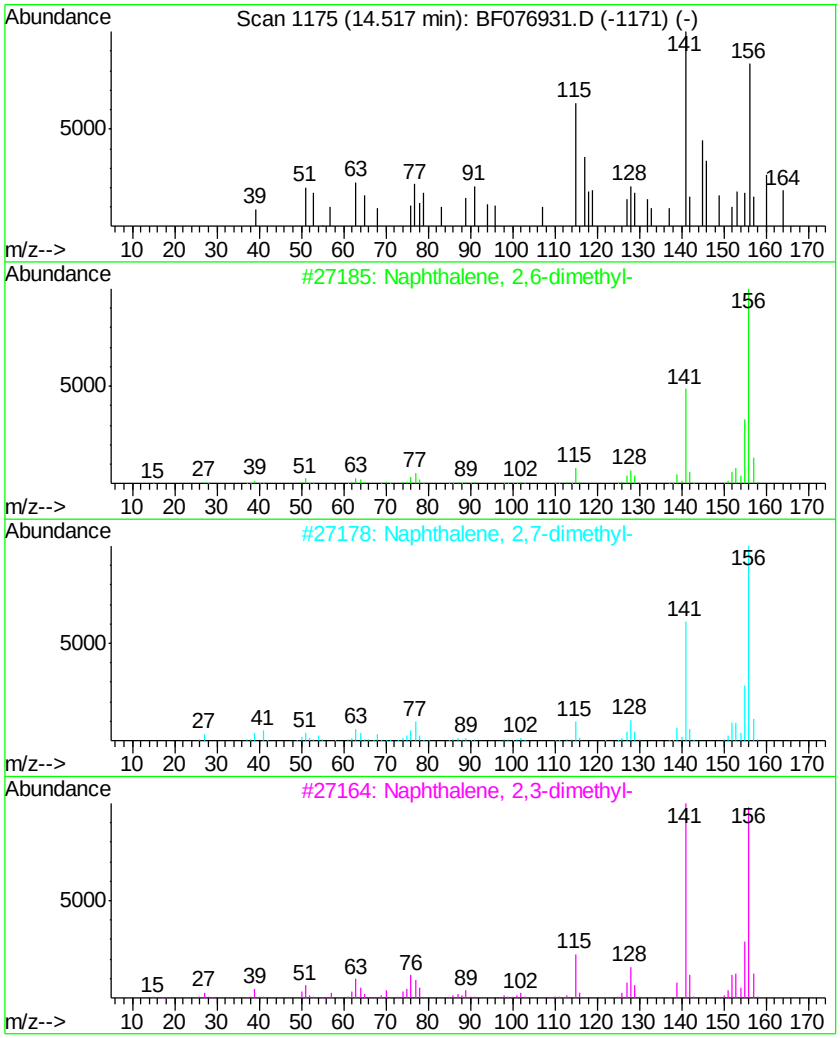
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

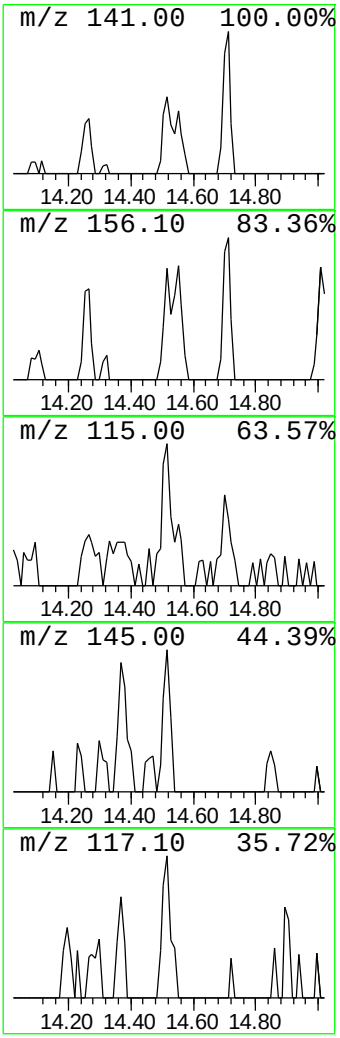
****

Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	5.28 ng	73103	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	55
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	53
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	53
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	53
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	52





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Data File : BF076931.D
Acq On : 19 Jan 2015 15:58
Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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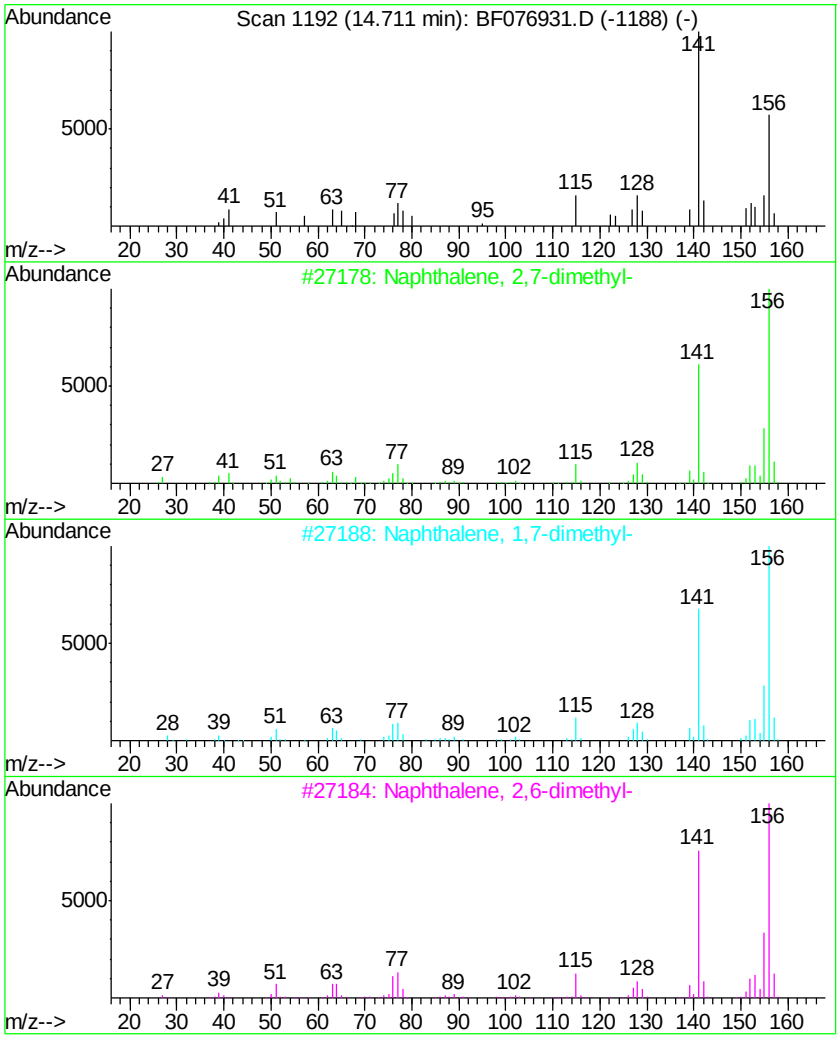
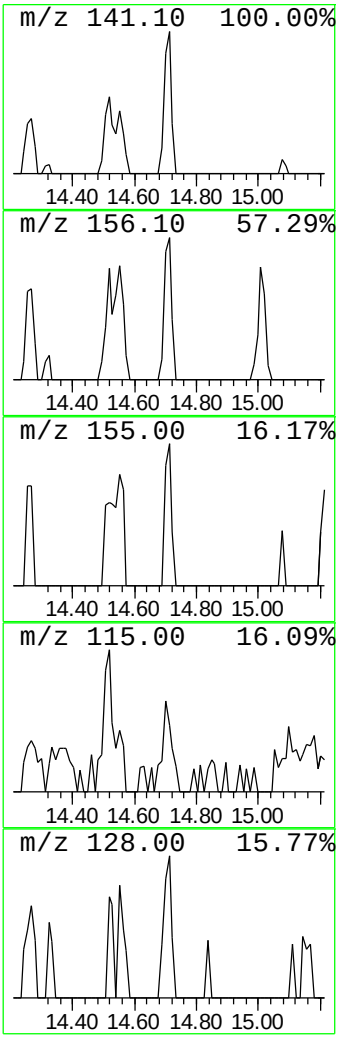
Peak Number 13 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.98 ng	41358	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076931.D
Acq On : 19 Jan 2015 15:58
Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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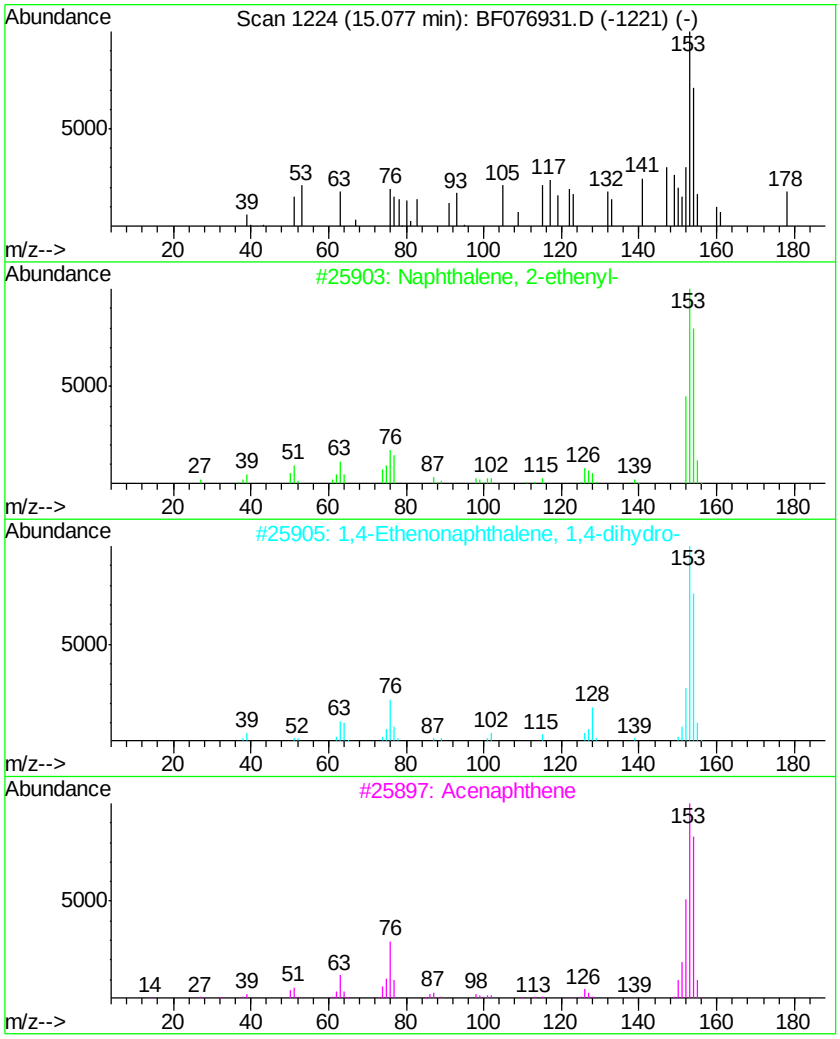
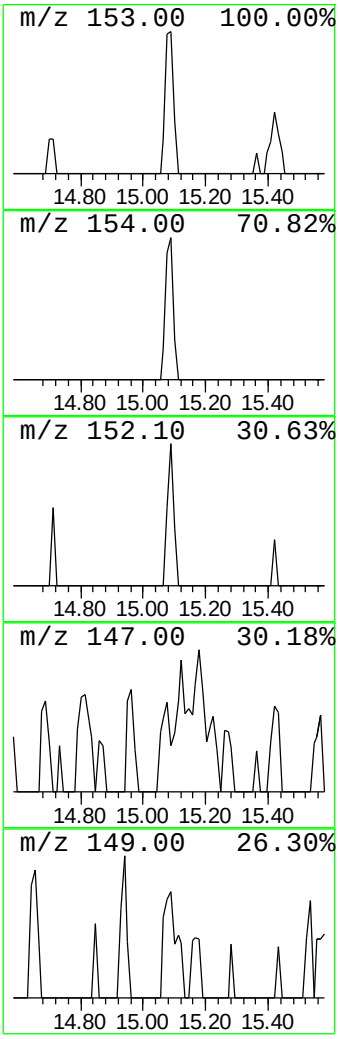
Peak Number 14 unknown15.08 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	3.00 ng	41544	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	43
2	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	38
3	Acenaphthene	154	C12H10	000083-32-9	32
4	Thieno[2,3-b]thiophene,2-methyl-	154	C7H6S2	013393-75-4	27
5	1,2-Benzenediamine, 4-nitro-	153	C6H7N3O2	000099-56-9	18





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Data File : BF076931.D
Acq On : 19 Jan 2015 15:58
Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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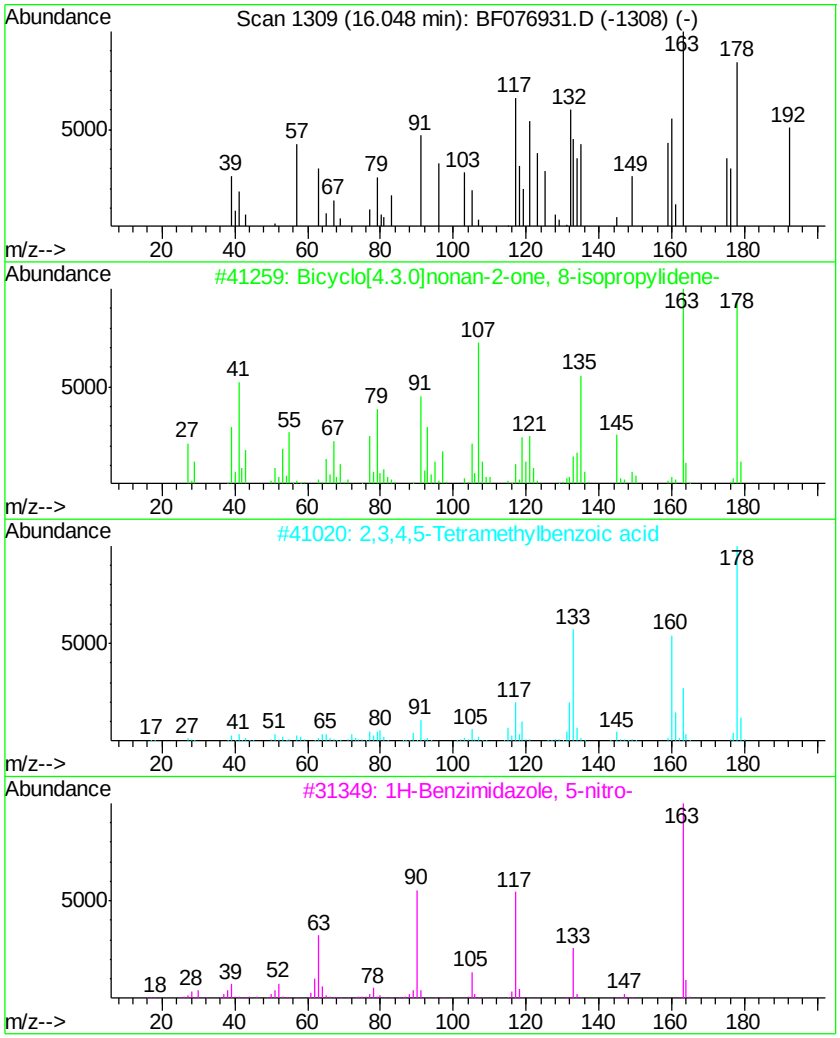
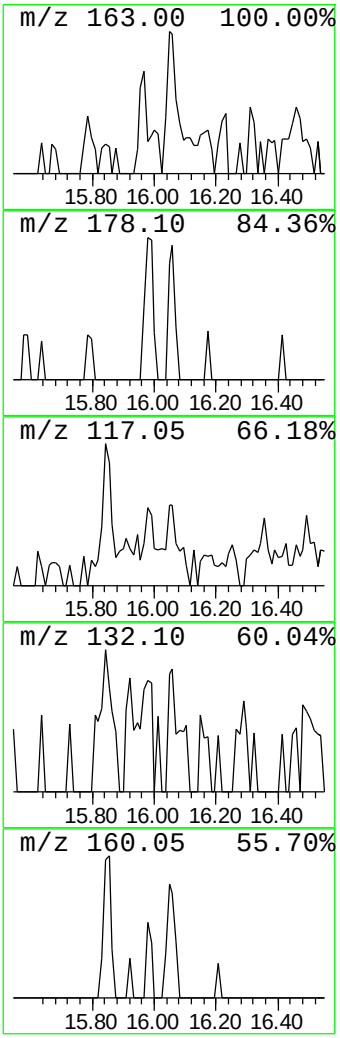
Peak Number 16 unknown16.05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	3.02 ng	41868	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.3.0]nonan-2-one, 8-iso...	178	C12H18O	1000159-42-7	38
2	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	30
3	1H-Benzimidazole, 5-nitro-	163	C7H5N3O2	000094-52-0	14
4	4-Methoxybenzylidene,-N,N'-ethyl...	296	C18H20N2O2	1000221-94-2	14
5	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	10





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Acq On : 19 Jan 2015 15:58
Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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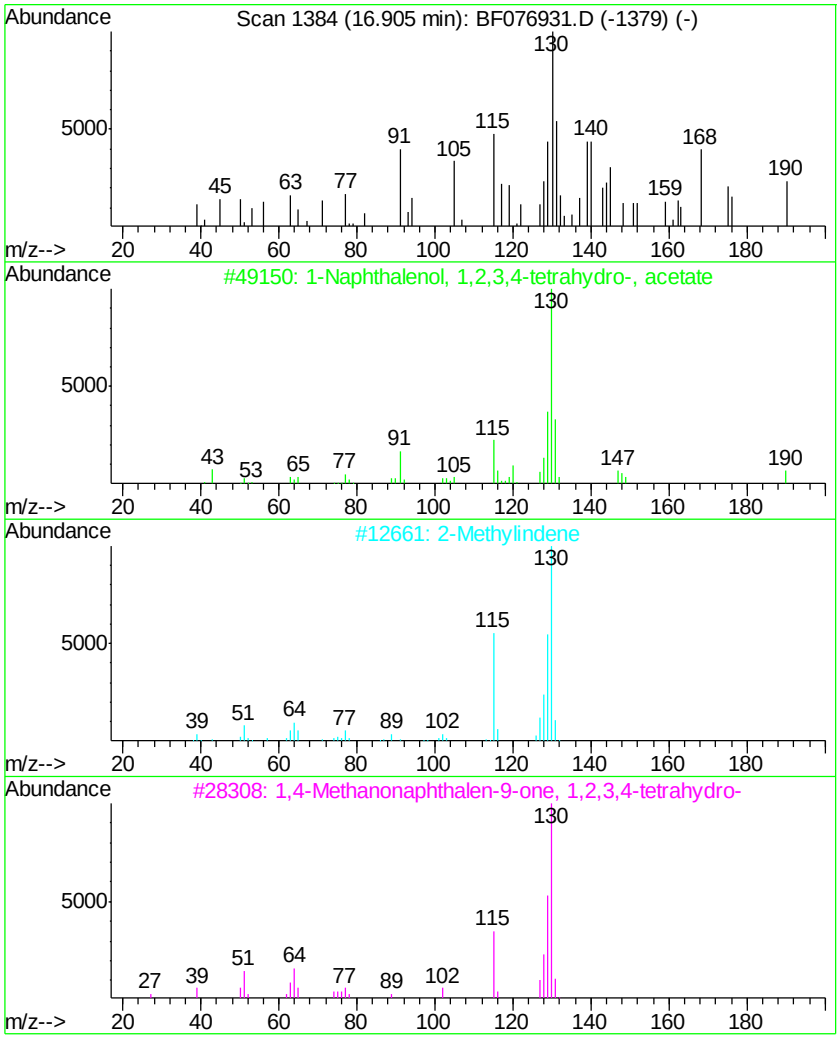
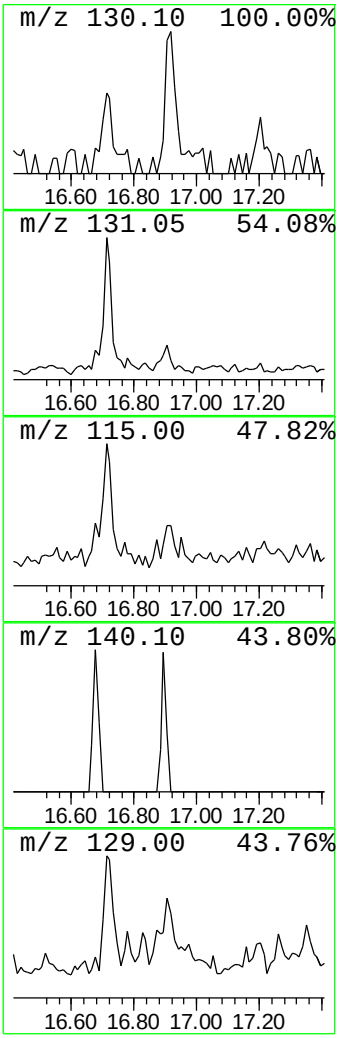
Peak Number 17 unknown16.91 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	3.43 ng	53469	Phenanthrene-d10	17.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 1,2,3,4-tetrahyd...	190	C12H14O2	021503-12-8	35
2	2-Methylindene	130	C10H10	002177-47-1	22
3	1,4-Methanonaphthalen-9-one, 1,2...	158	C11H10O	006165-88-4	22
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	22
5	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	22





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Acq On : 19 Jan 2015 15:58
Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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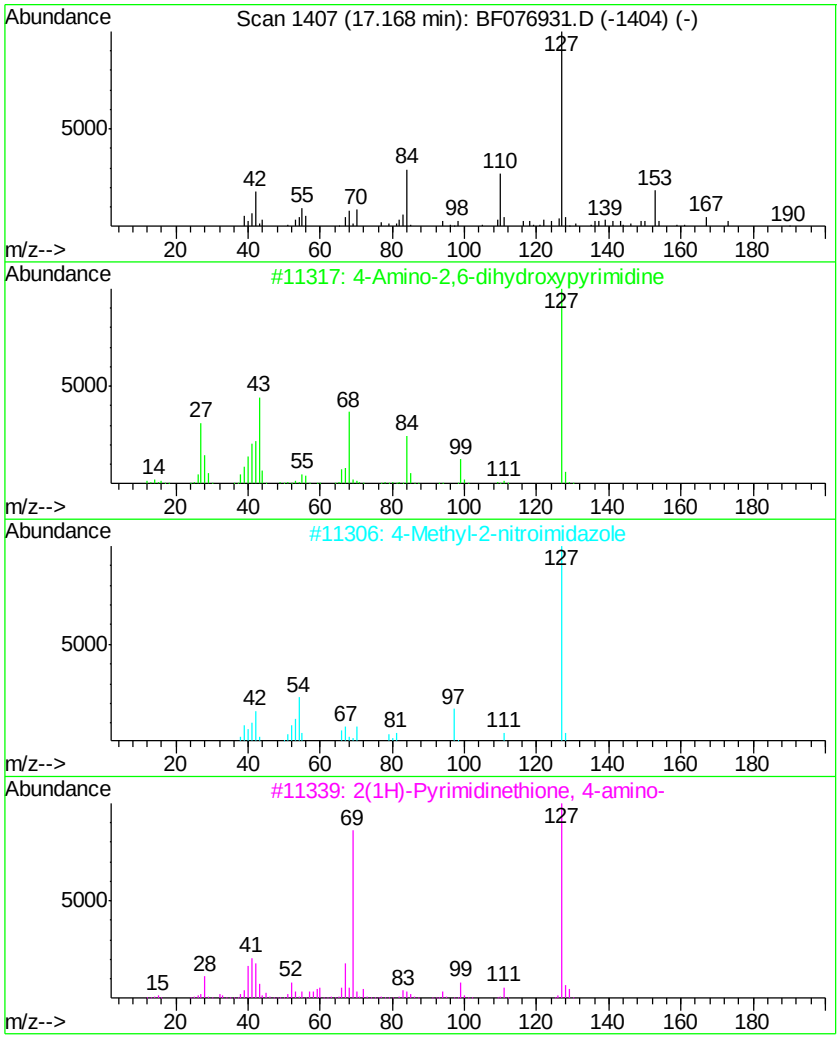
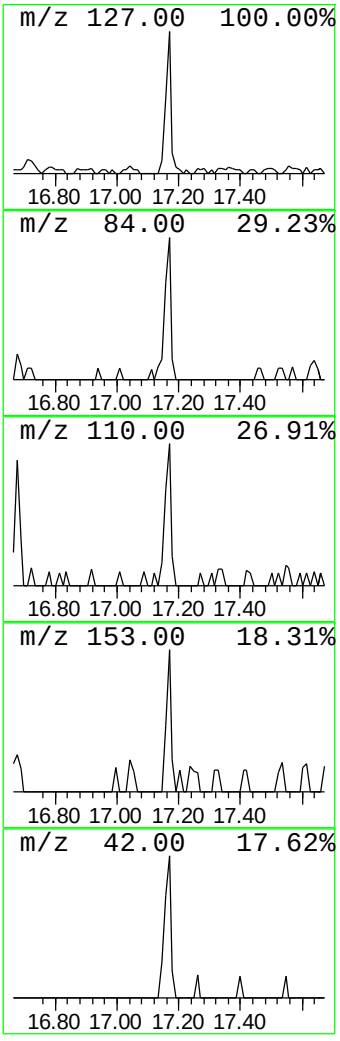
Peak Number 18 4-Amino-2,6-dihydroxypyrimi... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	3.74 ng	58242	Phenanthrene-d10	17.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	53
2	4-Methyl-2-nitroimidazole	127	C4H5N3O2	005213-35-4	47
3	2(1H)-Pyrimidinethione, 4-amino-	127	C4H5N3S	000333-49-3	47
4	1-Methyl-3-nitropyrazole	127	C4H5N3O2	054210-32-1	47
5	Pyrazole, 1-methyl-4-nitro-	127	C4H5N3O2	003994-50-1	47





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Operator : IZ / TP
Sample : G1101-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

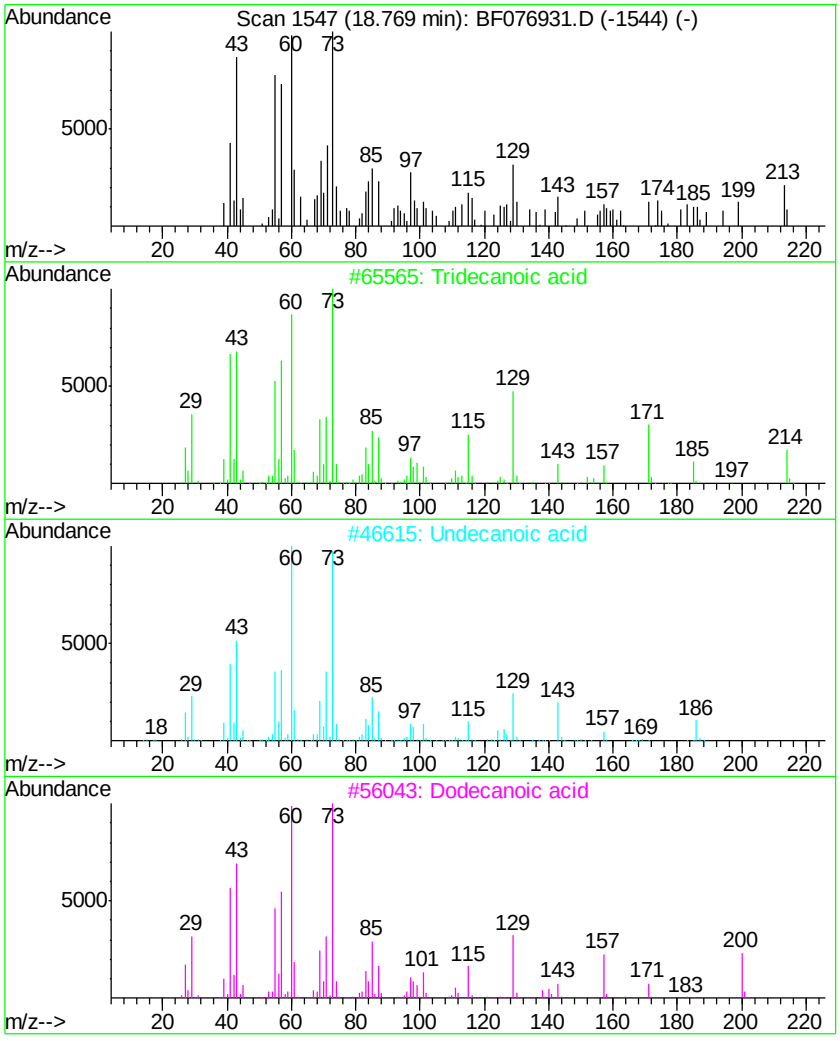
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

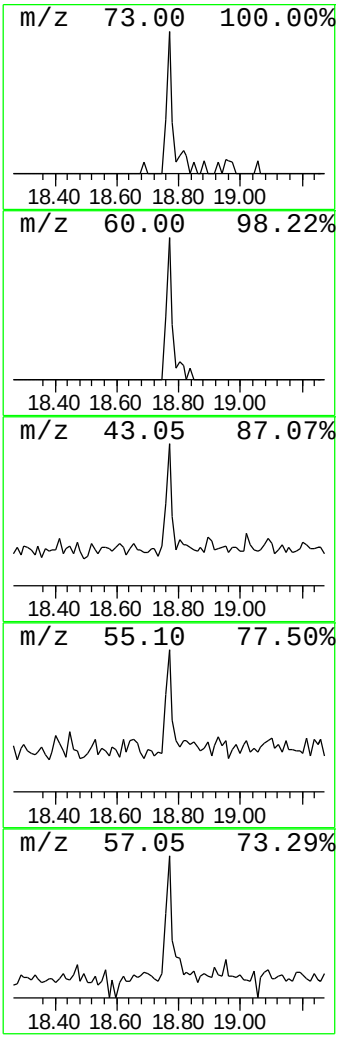
****

Peak Number 19 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	4.33 ng	67519	Phenanthrene-d10	17.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	81
2	Undecanoic acid	186	C11H22O2	000112-37-8	76
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	D-Glucose, 4-O-.alpha.-D-glucopy...	342	C12H22O11	000069-79-4	35





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Misc :
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Instrument : BNA_F
ClientSampleId : TE-PMW-PCB2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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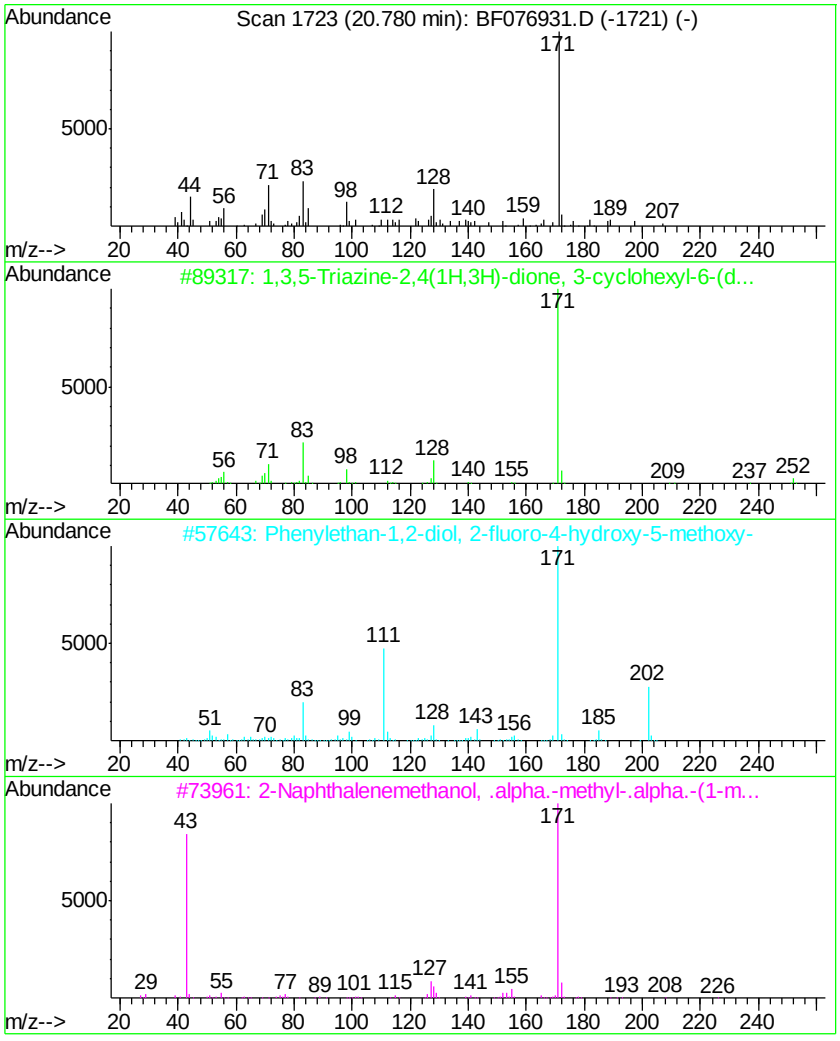
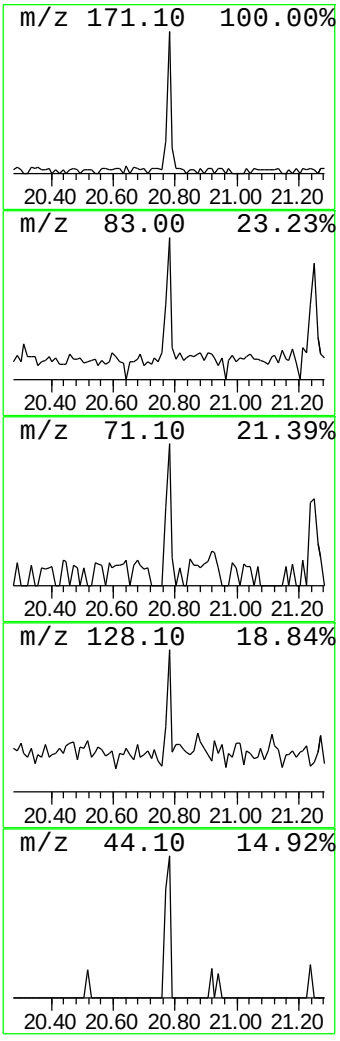
Peak Number 20 1,3,5-Triazine-2,4(1H,3H)-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	2.31 ng	40963	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4(1H,3H)-dione,...	252	C12H20N4O2	051235-04-2	72
2	Phenylethan-1,2-diol, 2-fluoro-4...	202	C9H11FO4	141523-14-0	33
3	2-Naphthalenemethanol, .alpha.-m...	226	C16H18O	085312-69-2	32
4	Quinoline, 2,3,4-trimethyl-	171	C12H13N	002437-72-1	23
5	2,4-Difluorophenyl isothiocyanate	171	C7H3F2NS	141106-52-7	23





Tentatively Identified Compound (LSC) summary

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Operator : IZ / TP
Sample : G1101-14
Misc :
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Instrument : BNA_F
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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
Oxirane, [(1-meth...	4.10	5.8	ng	48583	1	7.98	168246	20.0
unknown7.46	7.46	94.7	ng	796765	1	7.98	168246	20.0
Indane	8.36	6.5	ng	54590	1	7.98	168246	20.0
Benzene, (1-methy...	10.95	2.5	ng	31642	2	10.88	249407	20.0
Benzene, (3-methy...	11.08	3.4	ng	42022	2	10.88	249407	20.0
Benzaldehyde, 2,4...	12.46	3.4	ng	42673	2	10.88	249407	20.0
Naphthalene, 1,3-...	14.27	3.0	ng	41372	3	15.01	277118	20.0
Naphthalene, 2,6-...	14.52	5.3	ng	73103	3	15.01	277118	20.0
Naphthalene, 2,7-...	14.71	3.0	ng	41358	3	15.01	277118	20.0
unknown15.08	15.08	3.0	ng	41544	3	15.01	277118	20.0
unknown16.05	16.05	3.0	ng	41868	3	15.01	277118	20.0
unknown16.91	16.91	3.4	ng	53469	4	17.77	311799	20.0
4-Amino-2,6-dihyd...	17.17	3.7	ng	58242	4	17.77	311799	20.0
Tridecanoic acid	18.77	4.3	ng	67519	4	17.77	311799	20.0
1,3,5-Triazine-2,...	20.78	2.3	ng	40963	5	21.27	353907	20.0