LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

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-BF010915.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	1.407	26	28	34	rVB	8655	17059	1.17%	0.160%
2	1.487	34	35	46	rBV	94924	166435	11.39%	1.558%
3	1.944	72	75	80	rVB	19789	34609	2.37%	0.324%
4	4.241	274	276	283	rBV	41912	84091	5.76%	0.787%
5	5.167	354	357	369	rVB	216529	415401	28.44%	3.888%
6	6.859	502	505	512	rBB	23654	46488	3.18%	0.435%
7	7.476	557	559	565	rBV	126803	227533	15.58%	2.129%
8	7.579	565	568	574	rVB	588046	918754	62.89%	8.599%
9	7.979	601	603	606	rBB	12499	16902	1.16%	0.158%
10	8.082	609	612	616	rVB	139405	210192	14.39%	1.967%
11	8.402	637	640	644	rBV	555230	874165	59.84%	8.181%
12	8.516	646	650	653	rBB	45417	66328	4.54%	0.621%
13	9.373	722	725	728	rBV	444546	713470	48.84%	6.677%
14	10.985	863	866	870	rBV	199876	302506	20.71%	2.831%
15	13.214	1059	1061	1065	rBB2	12883	23560	1.61%	0.220%
16	13.499	1084	1086	1090	rVB	11620	15642	1.07%	0.146%
17	13.637	1095	1098	1102	rVV	839379	1460876	100.00%	13.672%
18	13.762	1106	1109	1112	rVB	25677	34789	2.38%	0.326%
19	14.162	1140	1144	1148	rBV	59764	111799	7.65%	1.046%
20	14.700	1189	1191	1194	rVB	30529	41855	2.87%	0.392%
21	14.882	1203	1207	1209	rBV2	10098	15706	1.08%	0.147%
22	15.123	1224	1228	1232	rBV	239467	357527	24.47%	3.346%
23	15.351	1243	1248	1250	rBV2	12122	22435	1.54%	0.210%
24	15.454	1253	1257	1261	rBV2	8826	15373	1.05%	0.144%
25	15.934	1294	1299	1302	rBV3	6564	15851	1.09%	0.148%
26	16.185	1318	1321	1325	rBV	7477	16120	1.10%	0.151%
27	16.288	1325	1330	1332	rBV2	21286	33821	2.32%	0.317%
28	16.711	1365	1367	1369	rBV2	9837	16517	1.13%	0.155%
29	16.768	1369	1372	1375	rVB	704705	887149	60.73%	8.303%
30	16.940	1384	1387	1390	rBV3	28190	56287	3.85%	0.527%
31	16.986	1390	1391	1394	rVB	9569	14682	1.01%	0.137%
32	17.363	1419	1424	1427	rBV3	5452	15500	1.06%	0.145%
33	17.614	1445	1446	1450	rVV4	10603	23432	1.60%	0.219%
34	17.706	1452	1454	1457	rVB	50989	68664	4.70%	0.643%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

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-BF010915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.854	1464	1467	1469	rVB	296193	339828	23.26%	3.180%
36	18.174	1492	1495	1497	rBV	45105	56542	3.87%	0.529%
37	18.437	1514	1518	1521	rBV	77798	90914	6.22%	0.851%
38	18.803	1548	1550	1554	rBV	97890	127509	8.73%	1.193%
39	18.871	1554	1556	1558	rVV	71850	95947	6.57%	0.898%
40	18.917	1558	1560	1562	rVB	172235	224971	15.40%	2.105%
41	19.009	1566	1568	1570	rBV2	13194	17990	1.23%	0.168%
42	19.054	1570	1572	1575	rBV	33191	42987	2.94%	0.402%
43	19.534	1612	1614	1617	rVV	27893	40554	2.78%	0.380%
44	19.660	1623	1625	1627	rBV	23157	22901	1.57%	0.214%
45	20.003	1653	1655	1657	rBV	22546	26570	1.82%	0.249%
46	20.072	1658	1661	1663	rVV	1223240	1303044	89.20%	12.195%
47	20.129	1663	1666	1668	rVB	28228	38828	2.66%	0.363%
48	20.232	1673	1675	1676	rBV	46562	48450	3.32%	0.453%
49	20.266	1676	1678	1680	rVV	99655	106825	7.31%	1.000%
50	20.654	1710	1712	1717	rVB2	11868	15228	1.04%	0.143%
51	21.306	1766	1769	1770	rBV	19793	30261	2.07%	0.283%
52	21.340	1770	1772	1775	rVB	294492	342037	23.41%	3.201%
53	21.523	1785	1788	1790	rVB	63047	80313	5.50%	0.752%
54	22.998	1914	1917	1920	rBV	216946	291742	19.97%	2.730%

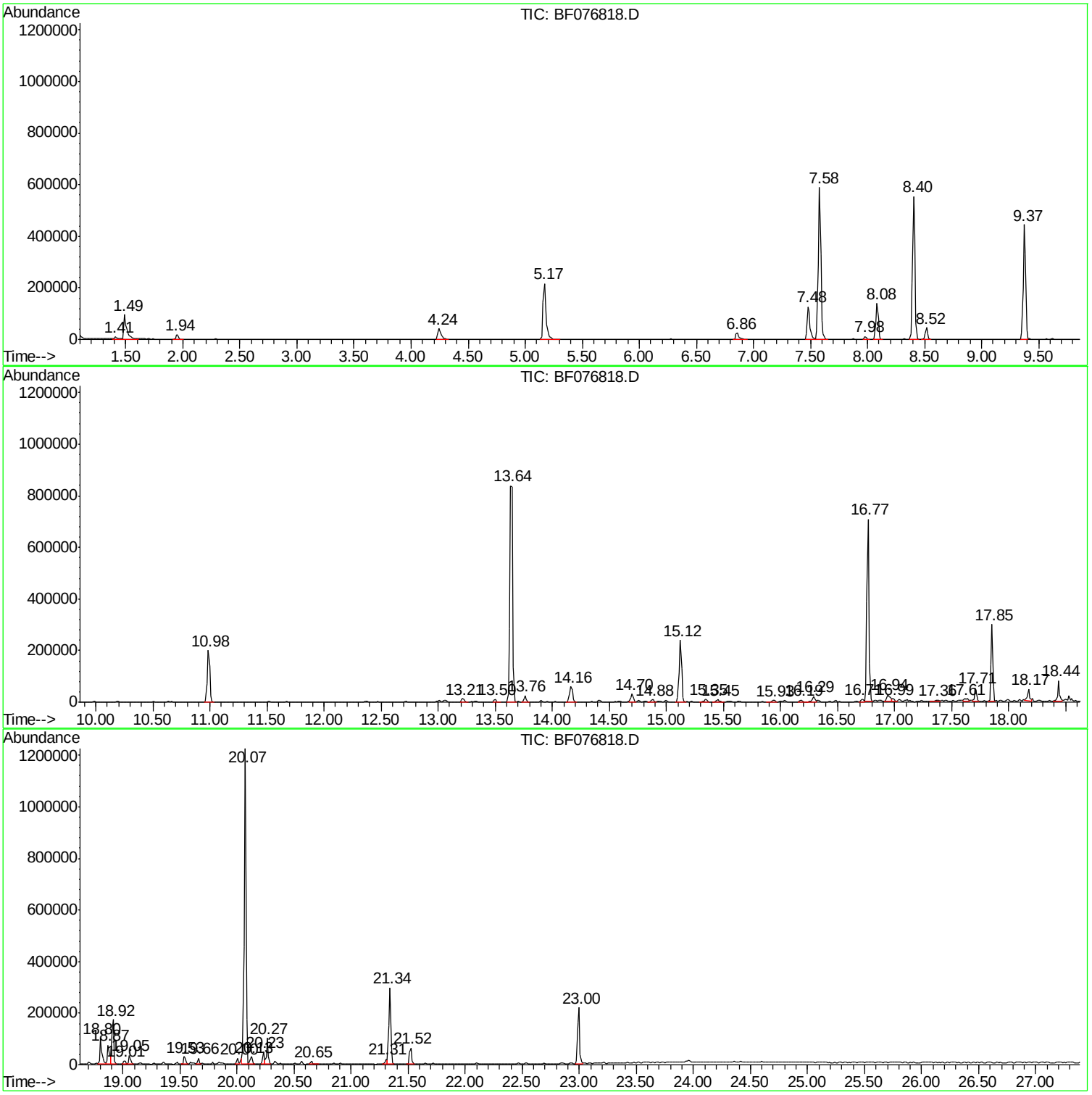
Sum of corrected areas: 10684959

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.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\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

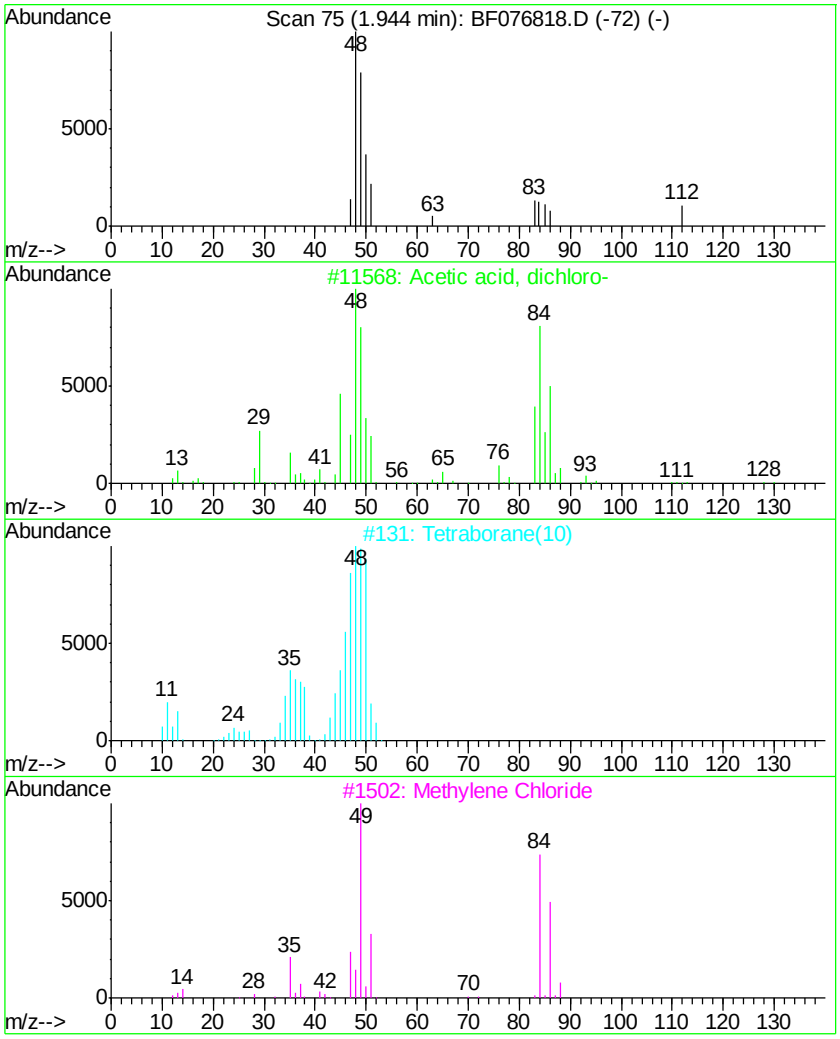
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

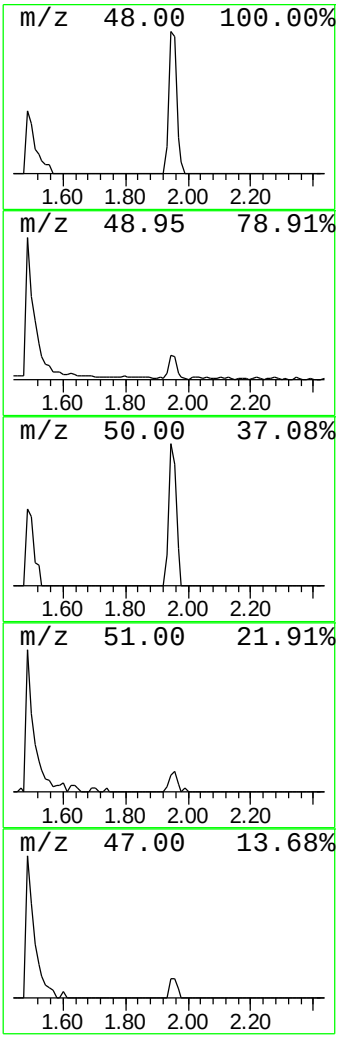
****

Peak Number 2 unknown1.94 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.94	3.29 ng	34609	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, dichloro-	128	C2H2Cl2O2	000079-43-6	43
2	Tetraborane(10)	54	B4H10	018283-93-7	9
3	Methylene Chloride	84	CH2Cl2	000075-09-2	9
4	Phosphine, methyl-	48	CH5P	000593-54-4	5
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

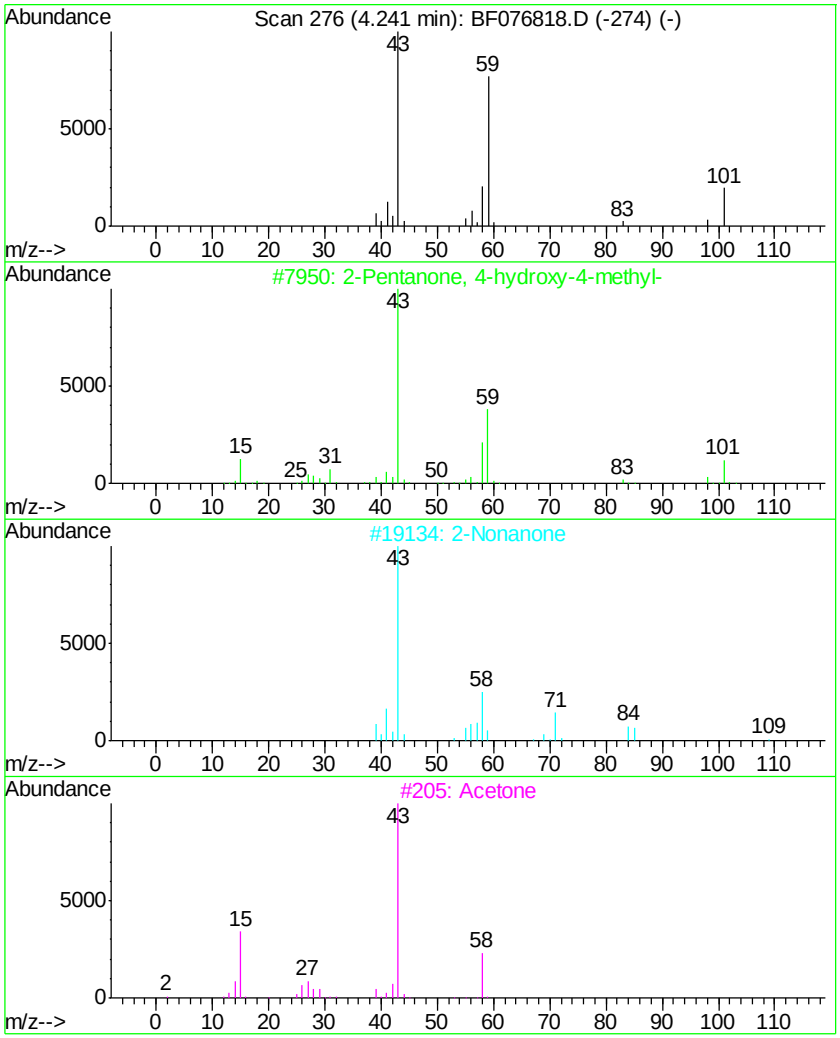
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

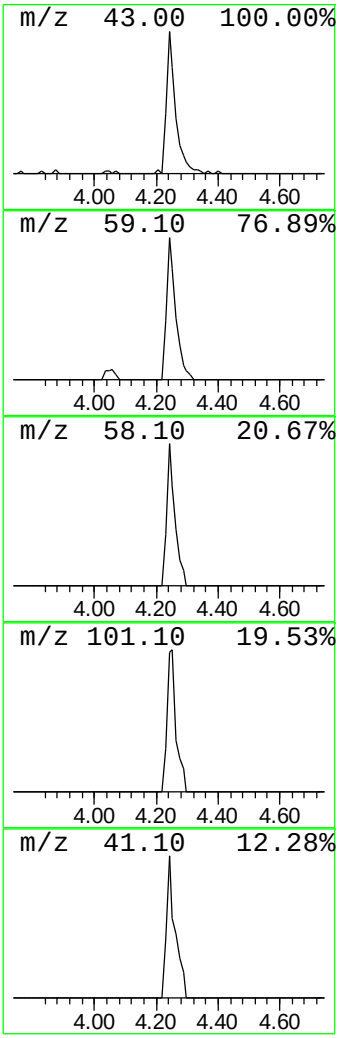
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	8.00 ng	84091	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Nonanone	142	C9H18O	000821-55-6	10
3	Acetone	58	C3H6O	000067-64-1	9
4	Hexanamide	115	C6H13NO	000628-02-4	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

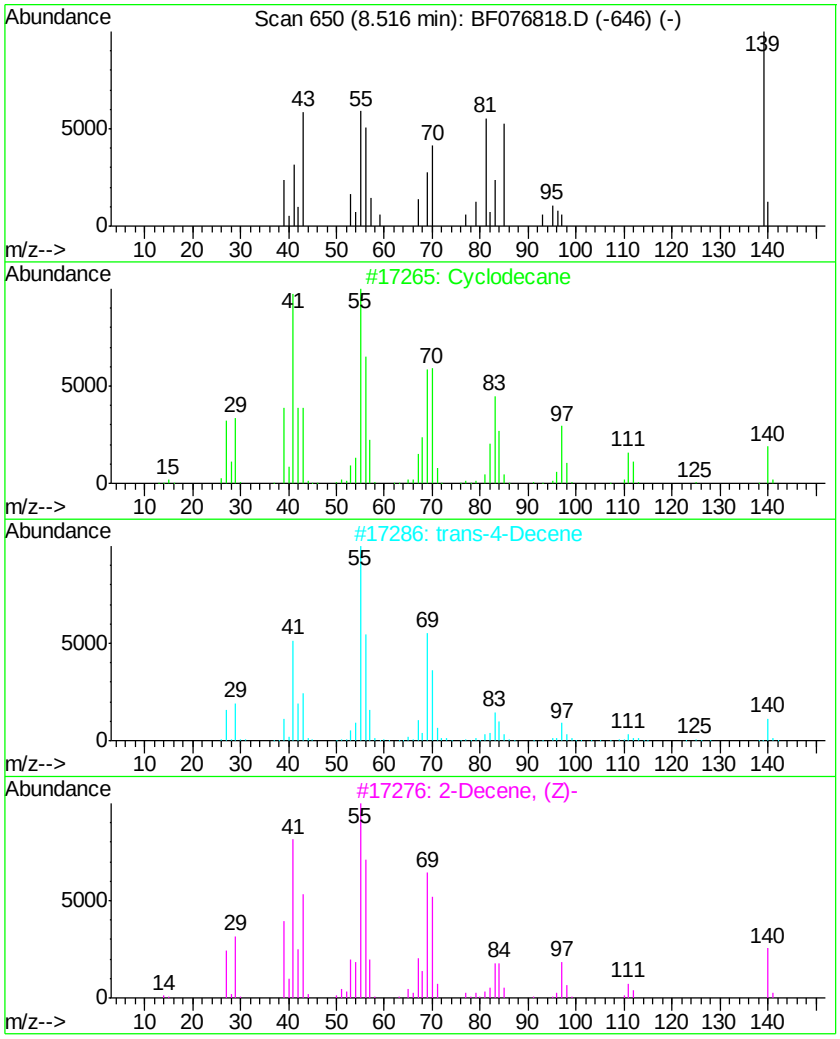
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

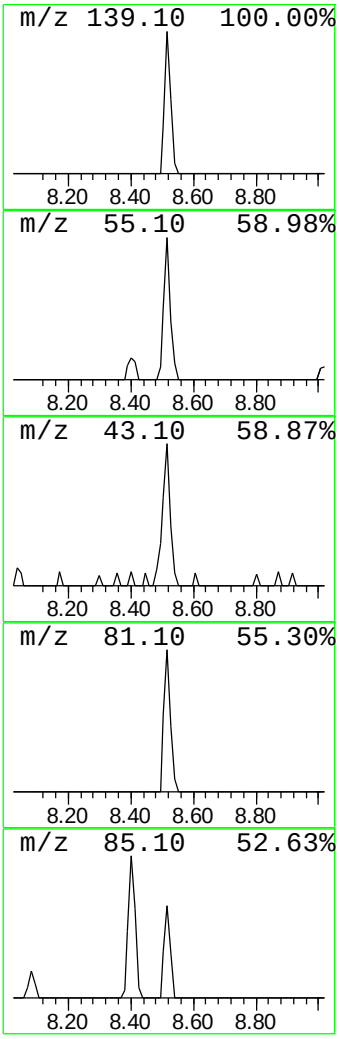
****

Peak Number 6 unknown8.52 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	6.31 ng	66328	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecane	140	C10H20	000293-96-9	30
2	trans-4-Decene	140	C10H20	019398-89-1	27
3	2-Decene, (Z)-	140	C10H20	020348-51-0	22
4	1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	22
5	2-Propionyl-1,4,5,6-tetrahydropy...	139	C8H13NO	080933-74-0	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

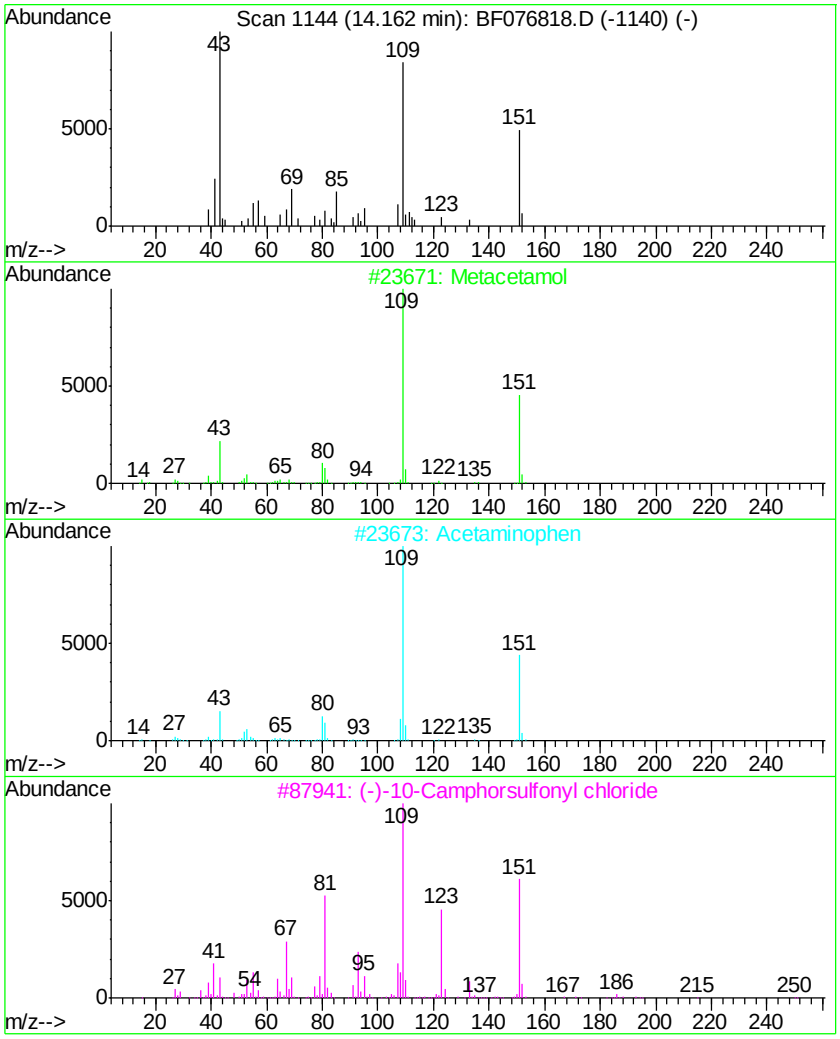
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

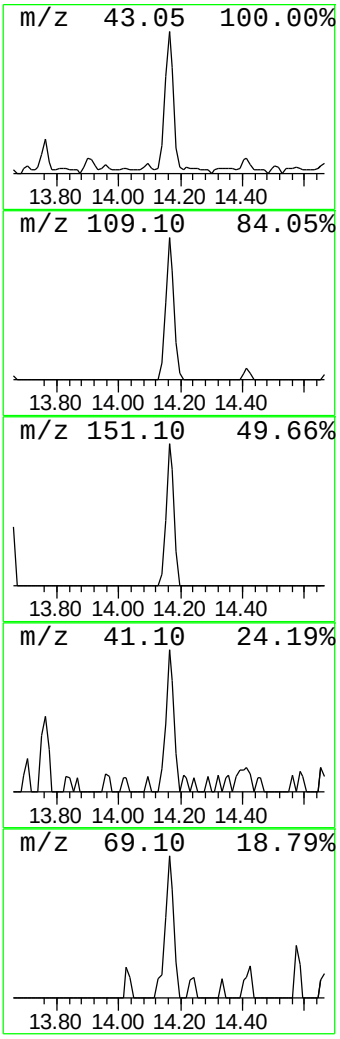
****

Peak Number 7 Metacetamol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	6.25 ng	111799	Acenaphthene-d10	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metacetamol	151	C8H9NO2	000621-42-1	58
2	Acetaminophen	151	C8H9NO2	000103-90-2	53
3	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	50
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	36
5	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	36





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

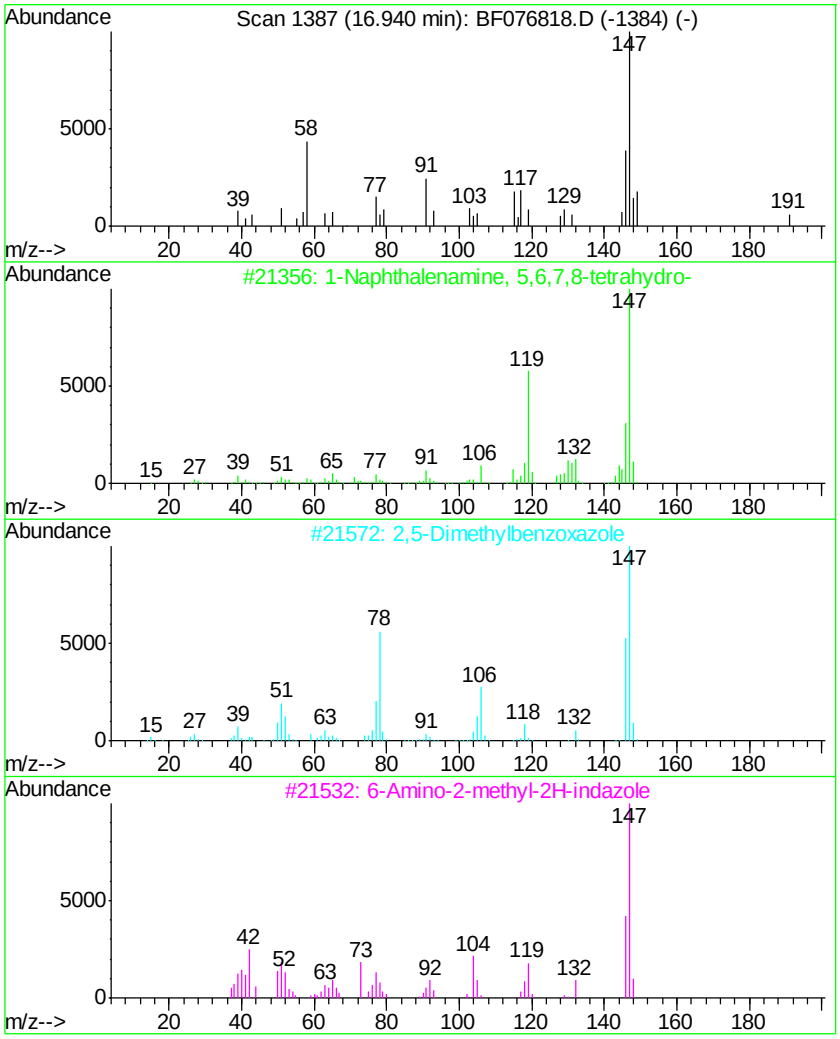
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

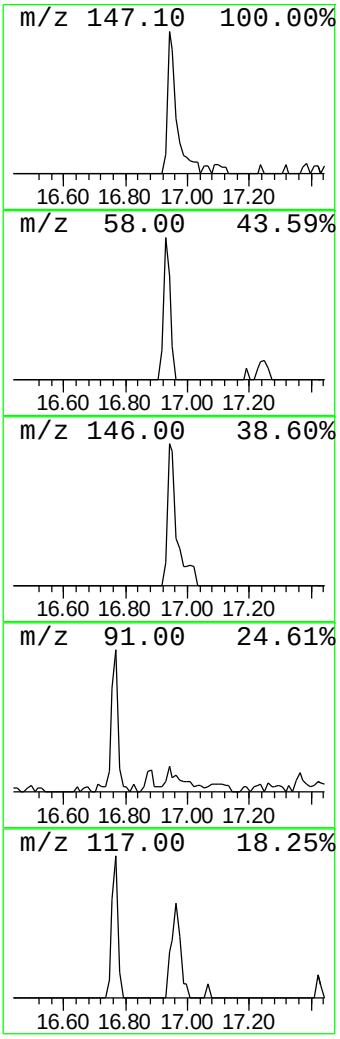
****

Peak Number 8 1-Naphthalenamine, 5,6,7,8-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	3.31 ng	56287	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	52
2	2,5-Dimethylbenzoxazole	147	C9H9NO	005676-58-4	49
3	6-Amino-2-methyl-2H-indazole	147	C8H9N3	050593-30-1	47
4	1,3,2-Benzoxazaborole, 2-ethyl-2...	147	C8H10BNO	129363-62-8	40
5	Indane, 2-methoxy-1-(2-methylallyl)	202	C14H18O	1000196-88-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

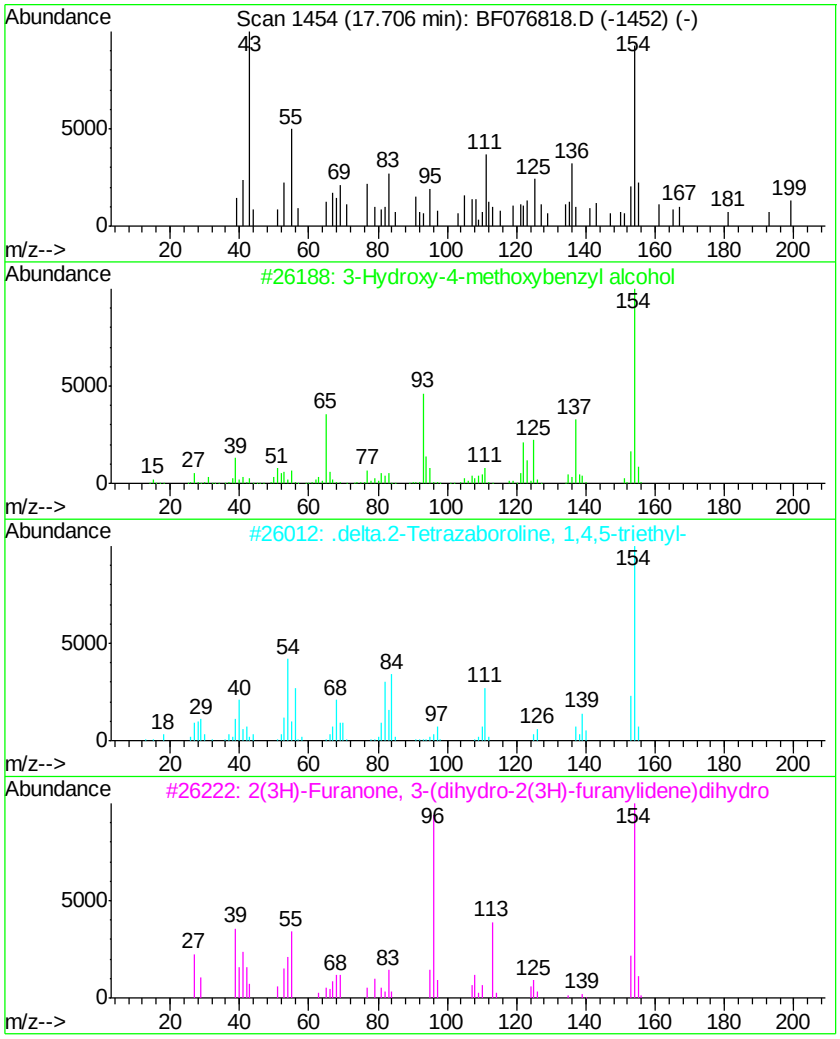
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

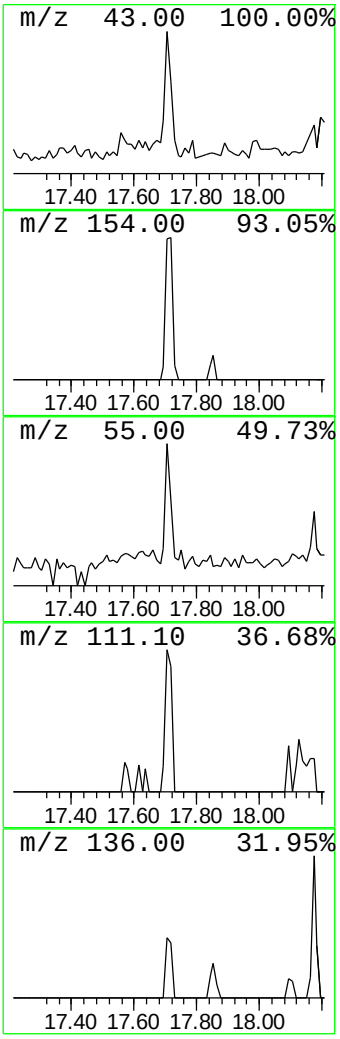
****

Peak Number 9 unknown17.71 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	4.04 ng	68664	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-4-methoxybenzyl alcohol	154	C8H10O3	004383-06-6	43
2	.delta.2-Tetrazaboroline, 1,4,5-...	154	C6H15BN4	020534-04-7	38
3	2(3H)-Furanone, 3-(dihydro-2(3H)...	154	C8H10O3	055164-40-4	37
4	3-Hepten-2-one, 3-propyl-	154	C10H18O	032064-69-0	32
5	cis-1,2-Bis(acetamidomethyl)cycl...	226	C12H22N2O2	070924-84-4	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

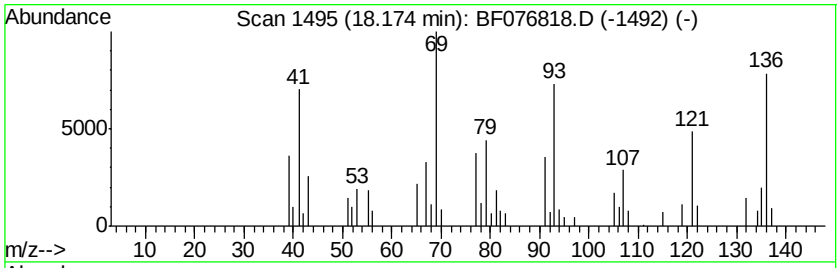
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

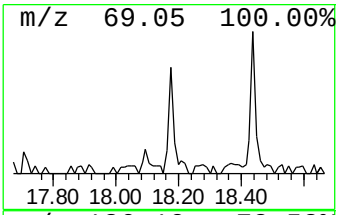
****

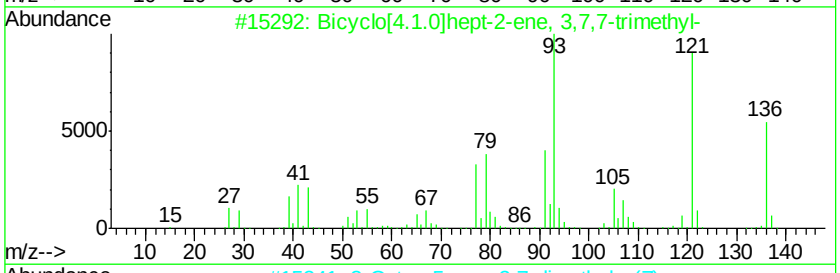
Peak Number 10 Bicyclo[4.1.0]hept-2-ene, 3... Concentration Rank 14

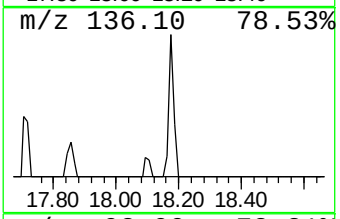
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	3.33 ng	56542	Phenanthrene-d10	17.85

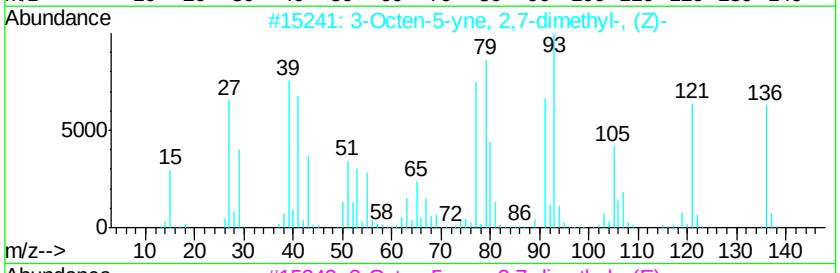
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]hept-2-ene, 3,7,7-...	136	C10H16	000554-61-0	91
2	3-Octen-5-yne, 2,7-dimethyl-, (Z)-	136	C10H16	028935-76-4	60
3	3-Octen-5-yne, 2,7-dimethyl-, (E)-	136	C10H16	055956-33-7	60
4	(+)-4-Carene	136	C10H16	029050-33-7	60
5	1,4-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-85-4	55

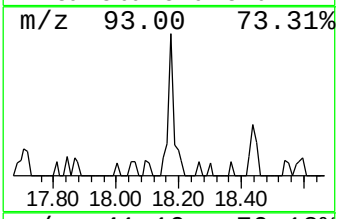


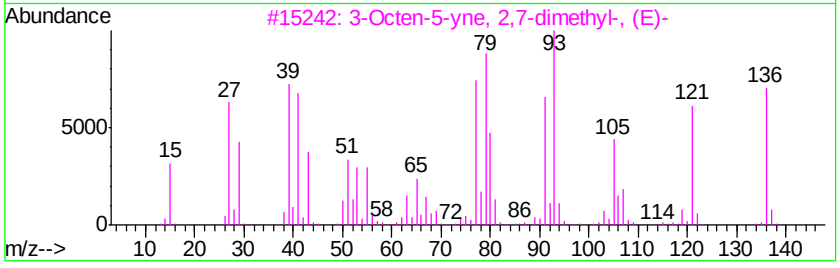


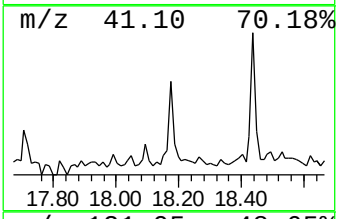


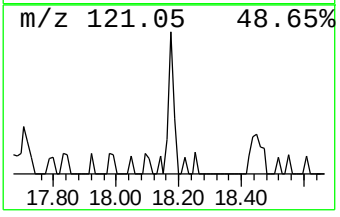












Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

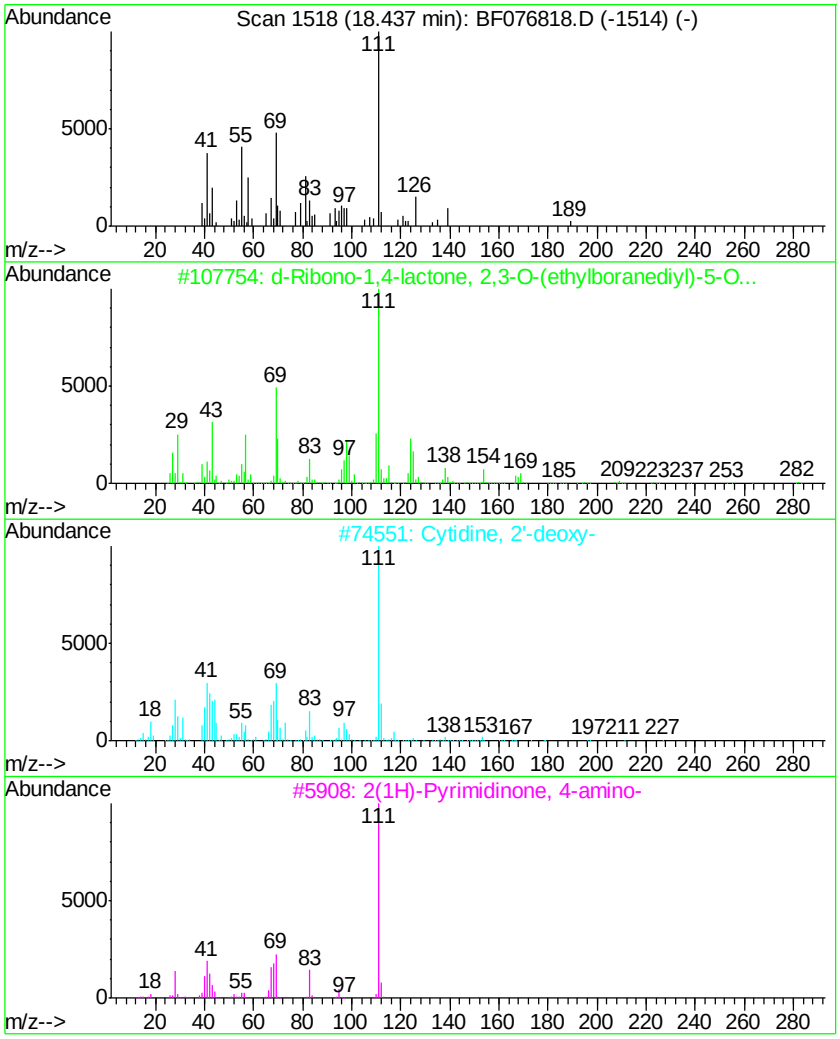
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

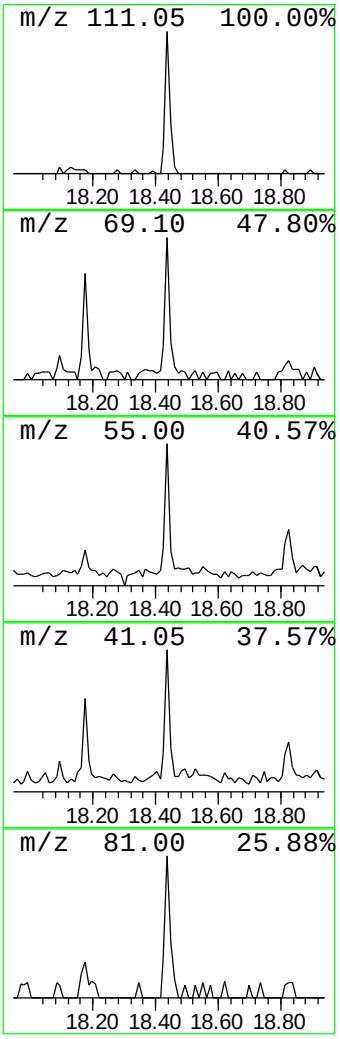
****

Peak Number 11 unknown18.44 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	5.35 ng	90914	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	d-Ribono-1,4-lactone, 2,3-O-(eth...	282	C9H10BF3O6	1000150-02-0	40
2	Cytidine, 2'-deoxy-	227	C9H13N3O4	000951-77-9	38
3	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	38
4	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	38
5	2-Thiophenecarboxylic acid, 2-tr...	310	C18H30O2S	1000280-65-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

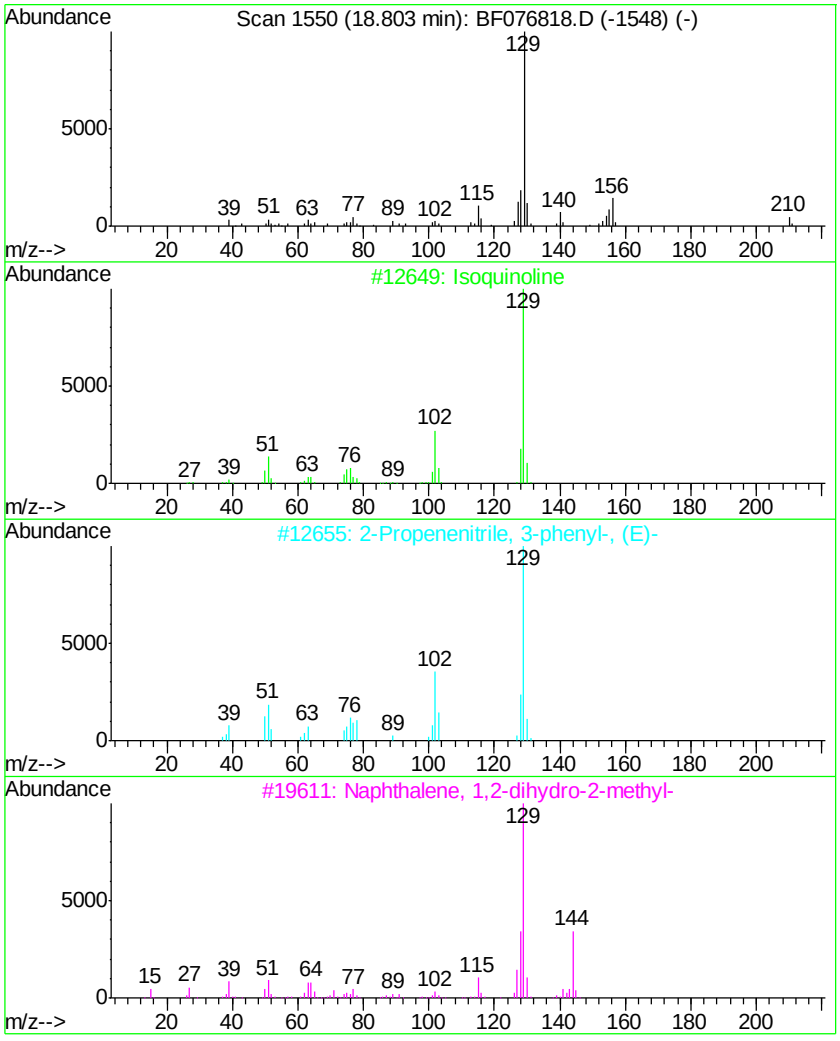
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

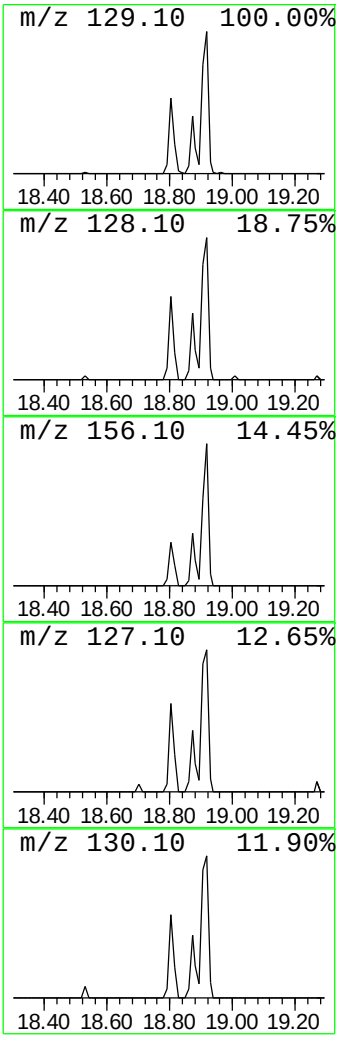
****

Peak Number 12 Isoquinoline Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	7.50 ng	127509	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	52
2	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	42
3	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	42
4	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	42
5	Quinoline	129	C9H7N	000091-22-5	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

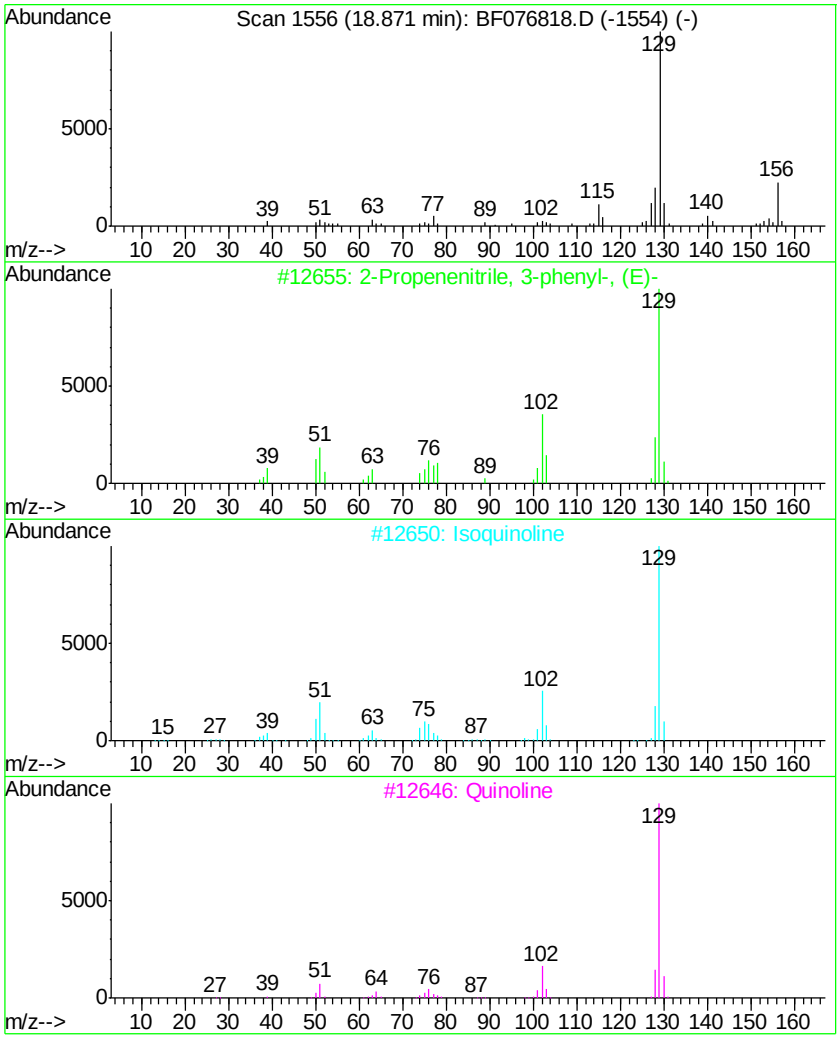
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

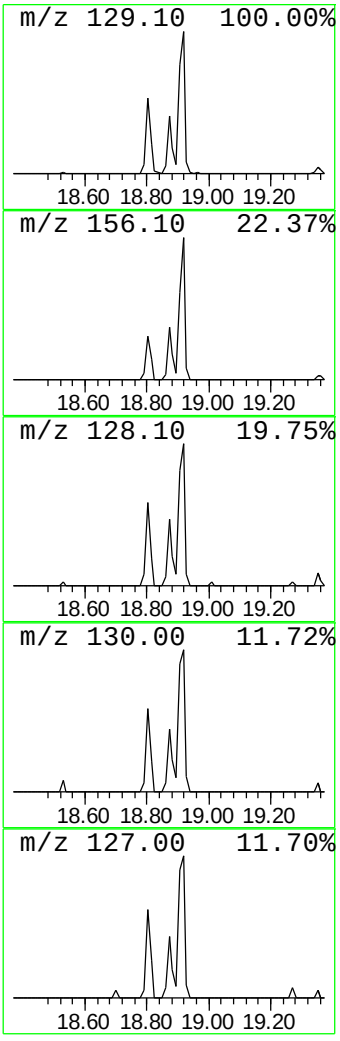
****

Peak Number 13 2-Propenenitrile, 3-phenyl-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	5.65 ng	95947	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	50
2	Isoquinoline	129	C9H7N	000119-65-3	50
3	Quinoline	129	C9H7N	000091-22-5	49
4	1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	39
5	4,5-Dimethylthiazole S-oxide	129	C5H7NOS	1000112-53-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

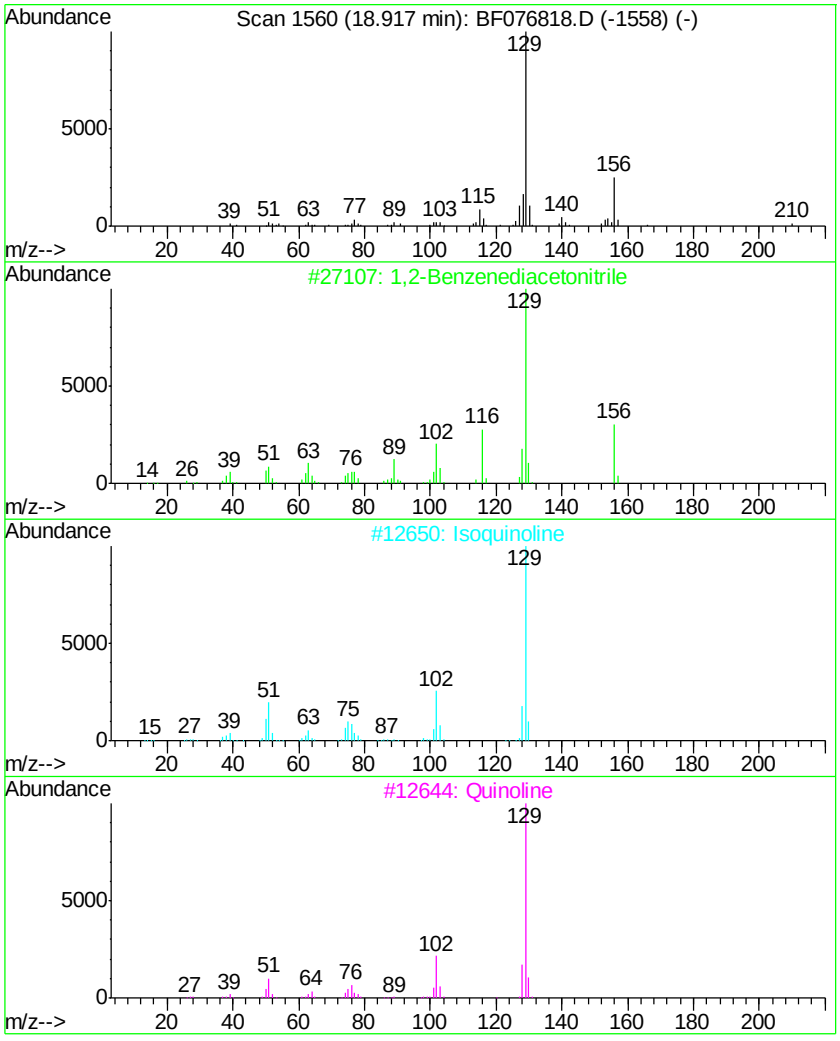
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

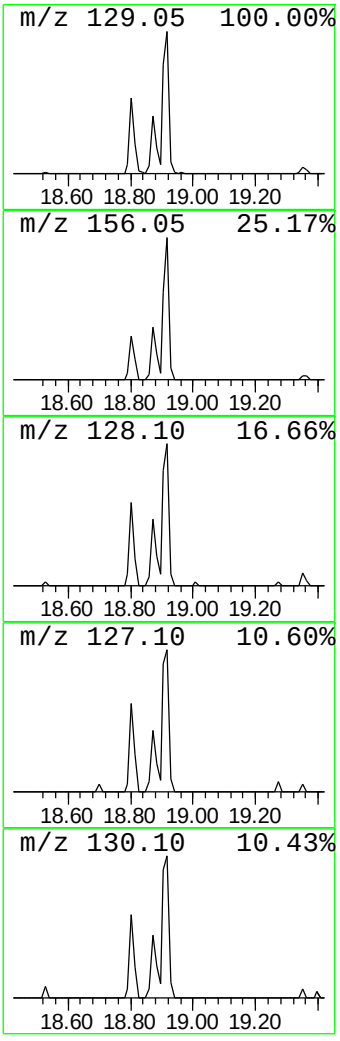
****

Peak Number 14 1,2-Benzenediacetonitrile Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	13.24 ng	224971	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	59
2	Isoquinoline	129	C9H7N	000119-65-3	50
3	Quinoline	129	C9H7N	000091-22-5	40
4	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	40
5	Benzeneacetic acid, .alpha.-cyan...	228	C13H12N2O2	134882-04-5	39





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

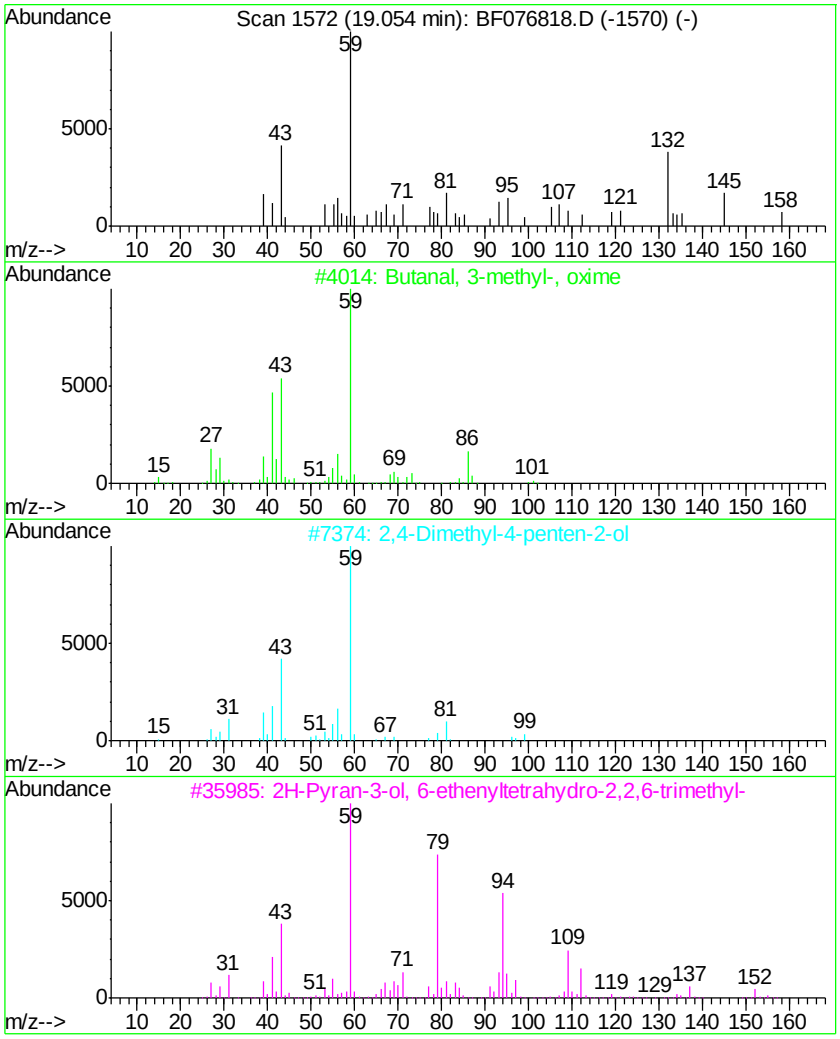
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

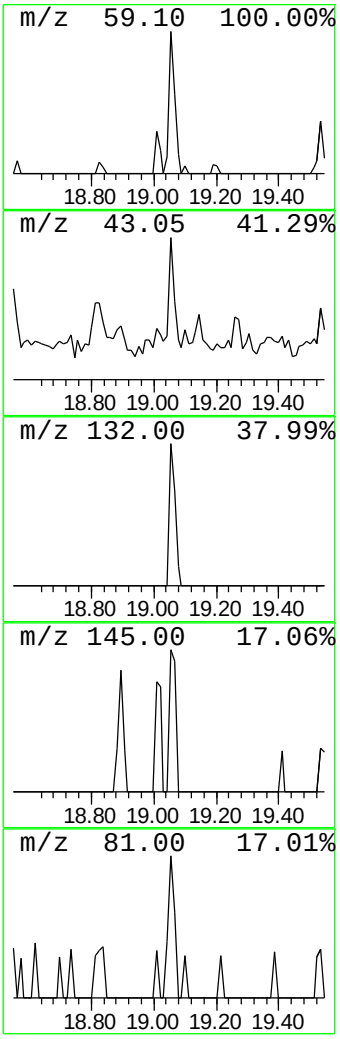
****

Peak Number 15 unknown19.05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	2.53 ng	42987	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 3-methyl-, oxime	101	C5H11NO	000626-90-4	32
2	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	32
3	2H-Pyran-3-ol, 6-ethenyltetrahyd...	170	C10H18O2	014049-11-7	28
4	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	25
5	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

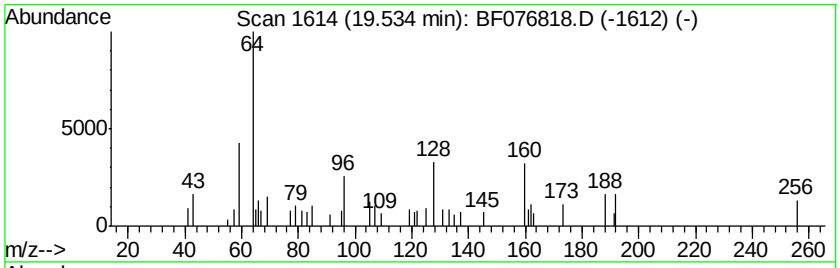
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

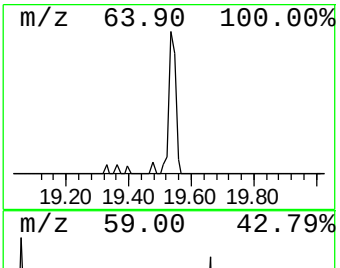
****

Peak Number 16 7-Amino-7H-S-triazolo[5,1-c... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	2.39 ng	40554	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	59
2	Benzenesulfonic acid, 2,5-diamino-	188	C6H8N2O3S	000088-45-9	53
3	Benzoic acid, 2,5-dinitro-	212	C7H4N2O6	000610-28-6	40
4	Methanethiol, N-(3-phenoxypropyl...	304	C11H16N2O4S2	040283-89-4	36
5	1-[1-Bromo-2-(2,2,3,3-tetrafluor...	328	C12H10BrF5	1000223-18-3	36





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

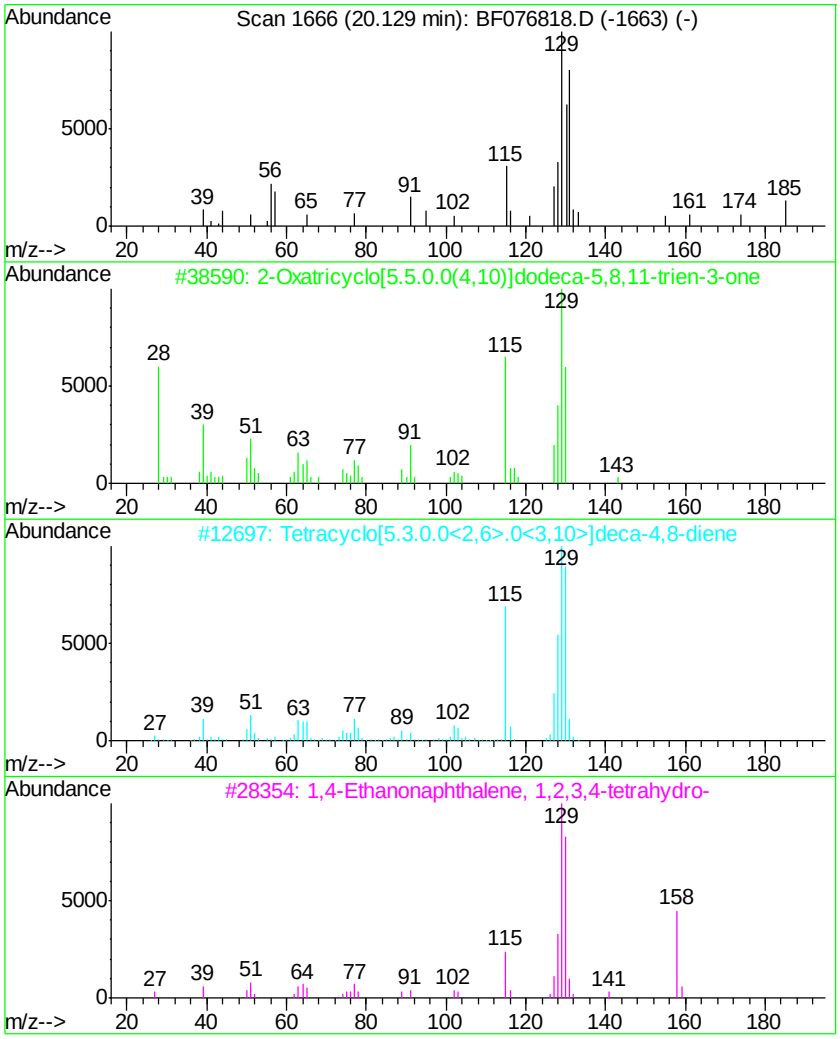
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

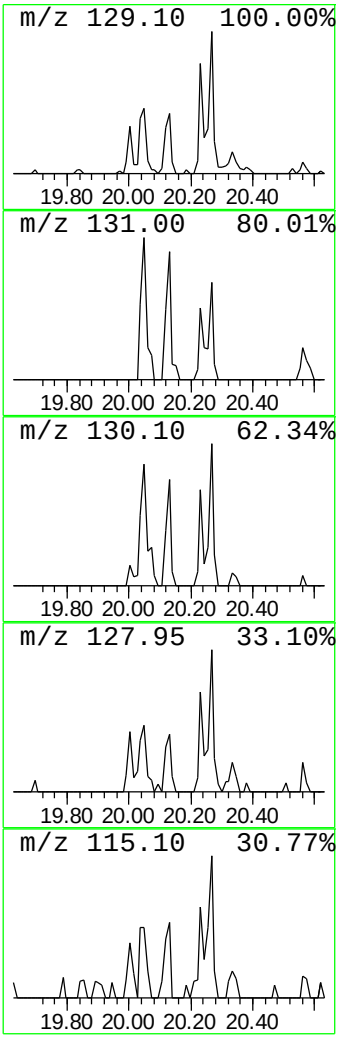
****

Peak Number 17 unknown20.13 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	2.27 ng	38828	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxatricyclo[5.5.0.0(4,10)]dode...	174	C11H10O2	056909-26-3	38
2	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	38
3	1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	37
4	1H-Indole-3-ethanamine, N-methyl-	174	C11H14N2	000061-49-4	35
5	Benzene, (cyclopropylidenemethyl)-	130	C10H10	007555-67-1	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

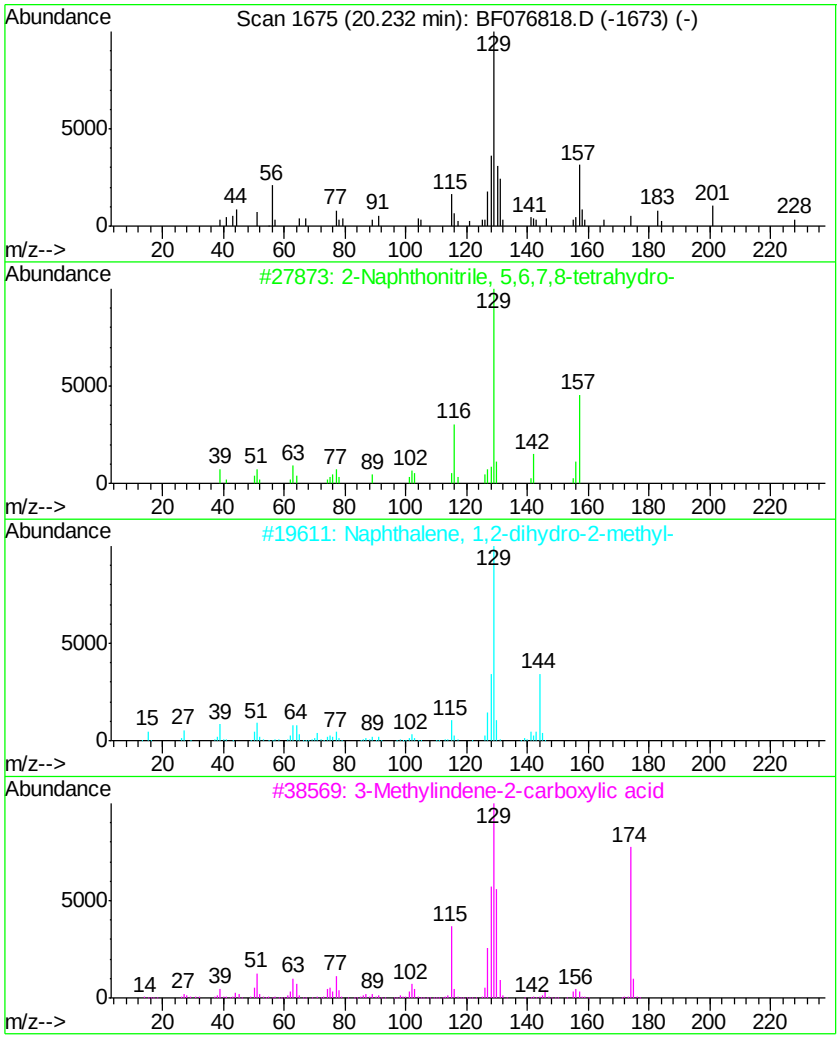
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

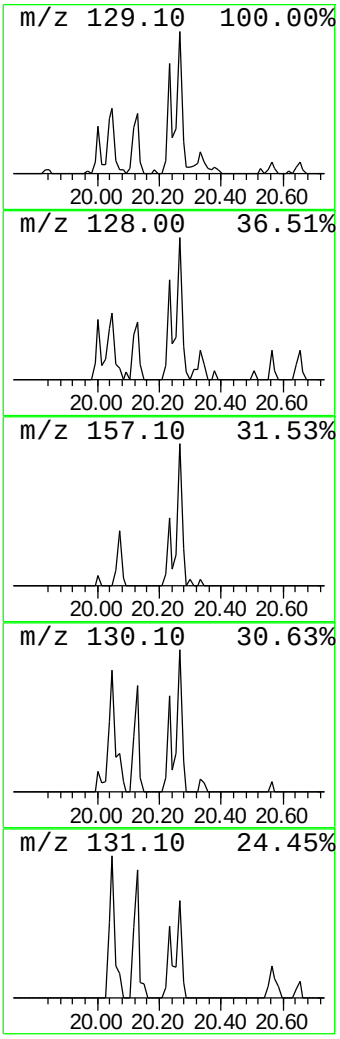
****

Peak Number 18 unknown20.23 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.83 ng	48450	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthonitrile, 5,6,7,8-tetrah...	157	C11H11N	017104-67-5	43
2	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	43
3	3-Methylindene-2-carboxylic acid	174	C11H10O2	034225-81-5	38
4	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	37
5	Dimethyl 1,2-diethenyltricyclo[3...	248	C14H16O4	1000222-75-3	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

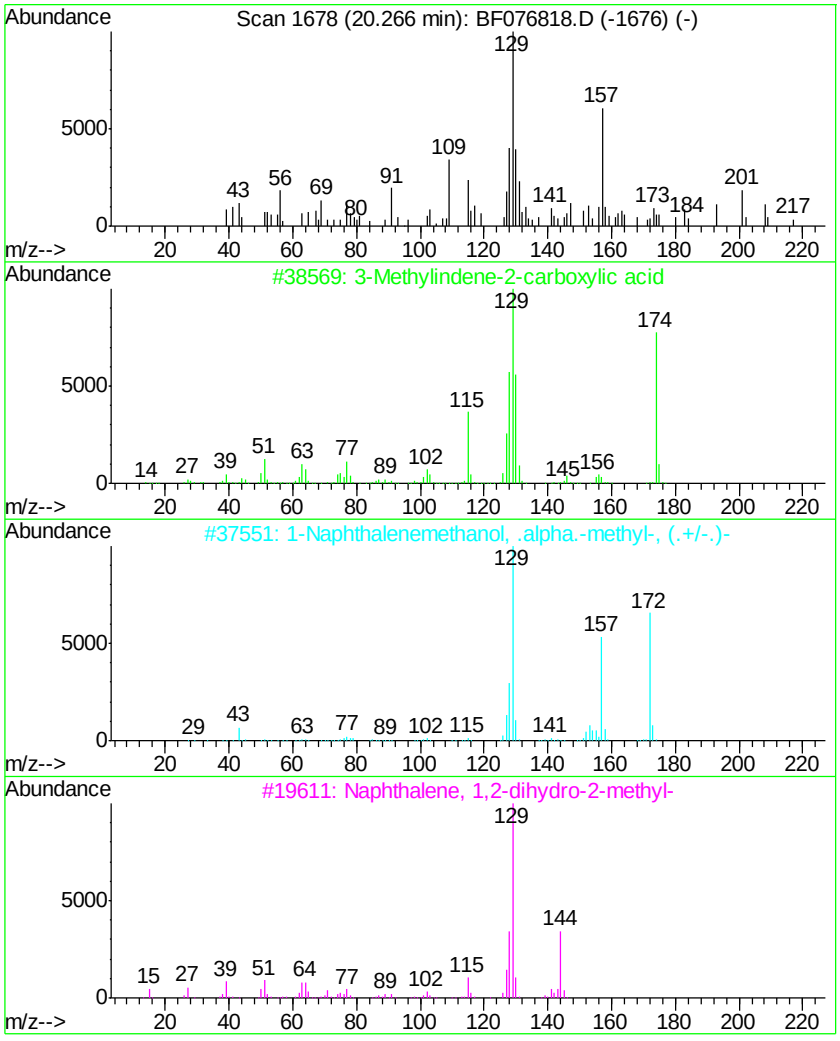
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

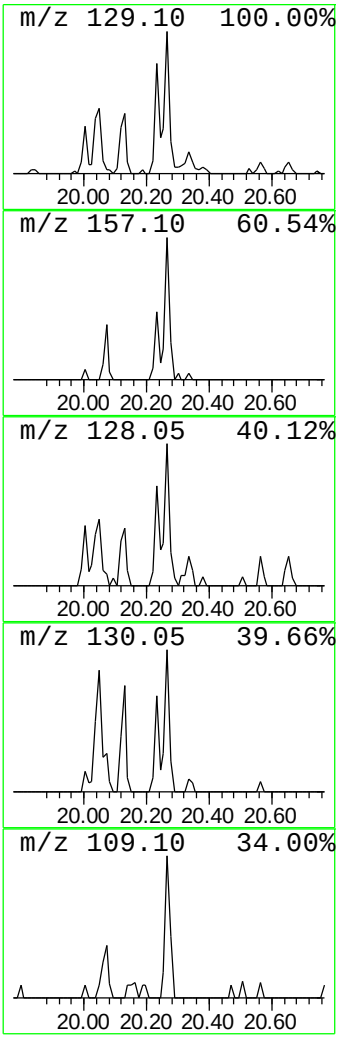
****

Peak Number 19 unknown20.27 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	6.25 ng	106825	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylindene-2-carboxylic acid	174	C11H10O2	034225-81-5	47
2	1-Naphthalenemethanol, .alpha.-m...	172	C12H12O	057605-95-5	47
3	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	35
4	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	35
5	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

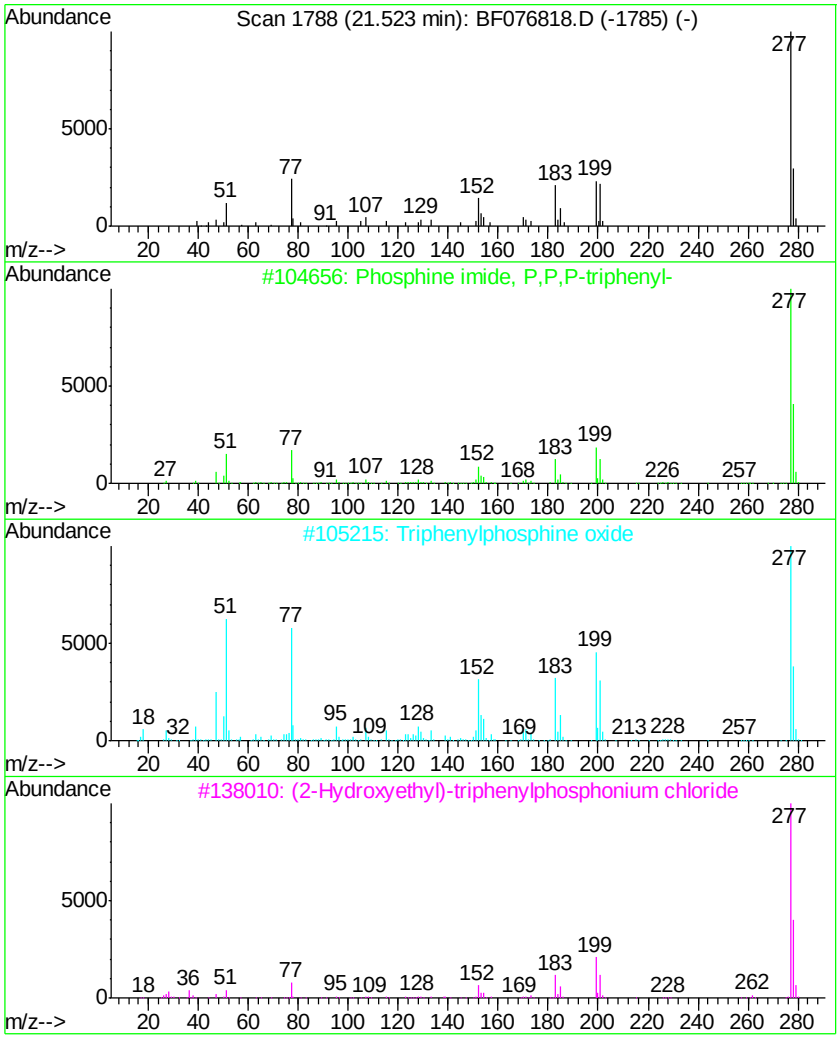
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

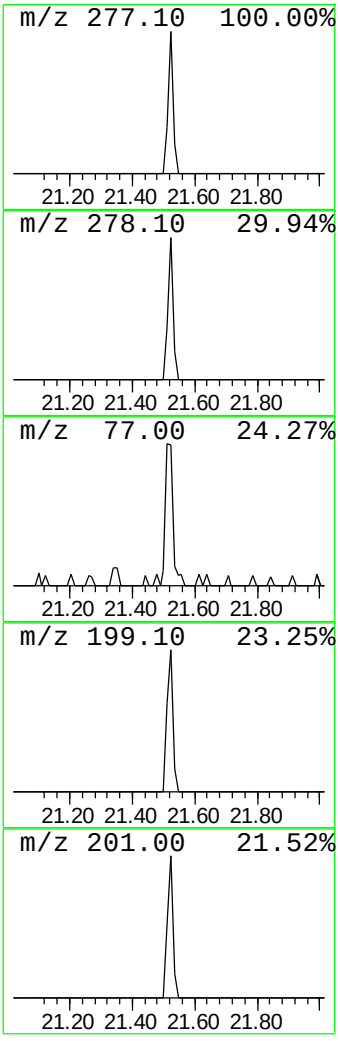
****

Peak Number 20 Phosphine imide, P,P,P-trip... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	4.70 ng	80313	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine imide, P,P,P-triphenyl-	277	C18H16NP	002240-47-3	68
2	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	64
3	(2-Hydroxyethyl)-triphenylphosph...	342	C20H20ClOP	023250-03-5	50
4	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	43
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076818.D
Acq On : 12 Jan 2015 20:40
Operator : IZ / TP
Sample : G1044-10
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.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
unknown1.94	1.94	3.3	ng	34609	1	8.08	210192	20.0
2-Pentanone, 4-hy...	4.24	8.0	ng	84091	1	8.08	210192	20.0
unknown8.52	8.52	6.3	ng	66328	1	8.08	210192	20.0
Metacetamol	14.16	6.3	ng	111799	3	15.12	357527	20.0
1-Naphthalenamine...	16.94	3.3	ng	56287	4	17.85	339828	20.0
unknown17.71	17.71	4.0	ng	68664	4	17.85	339828	20.0
Bicyclo[4.1.0]hep...	18.17	3.3	ng	56542	4	17.85	339828	20.0
unknown18.44	18.44	5.3	ng	90914	4	17.85	339828	20.0
Isoquinoline	18.80	7.5	ng	127509	4	17.85	339828	20.0
2-Propenenitrile,...	18.87	5.7	ng	95947	4	17.85	339828	20.0
1,2-Benzenediacet...	18.92	13.2	ng	224971	4	17.85	339828	20.0
unknown19.05	19.05	2.5	ng	42987	4	17.85	339828	20.0
7-Amino-7H-S-tria...	19.53	2.4	ng	40554	4	17.85	339828	20.0
unknown20.13	20.13	2.3	ng	38828	5	21.34	342037	20.0
unknown20.23	20.23	2.8	ng	48450	5	21.34	342037	20.0
unknown20.27	20.27	6.3	ng	106825	5	21.34	342037	20.0
Phosphine imide, ...	21.52	4.7	ng	80313	5	21.34	342037	20.0