LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009488.D
Acq On : 31 Mar 2017 23:44
Operator : SJ/MA
Sample : I2475-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

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_M\METHODS\8270-BM032217.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	3.358	41	46	52	rBV	109576	143761	1.65%	0.163%
2	4.969	315	320	330	rBV	89993	128636	1.48%	0.145%
3	5.357	376	386	391	rBV	184511	307991	3.54%	0.348%
4	5.422	391	397	402	rVV	1453408	2185568	25.09%	2.472%
5	5.469	402	405	418	rVB	276727	441762	5.07%	0.500%
6	6.334	546	552	559	rVB	57180	88570	1.02%	0.100%
7	7.004	659	666	676	rBV2	953222	1709094	19.62%	1.933%
8	7.375	717	729	739	rBV	2643472	4145167	47.59%	4.688%
9	7.846	803	809	816	rVB	595794	934613	10.73%	1.057%
10	8.163	856	863	868	rBV	2348342	3820563	43.86%	4.321%
11	8.210	868	871	881	rVB	622390	968797	11.12%	1.096%
12	8.381	892	900	907	rBV	92592	148835	1.71%	0.168%
13	8.698	947	954	962	rVB5	53795	110145	1.26%	0.125%
14	8.828	970	976	983	rBV	276837	484724	5.56%	0.548%
15	8.922	987	992	1000	rVV4	104591	265718	3.05%	0.301%
16	9.010	1000	1007	1015	rVB	2215934	3659246	42.01%	4.139%
17	9.192	1033	1038	1045	rVB2	182274	303642	3.49%	0.343%
18	9.269	1045	1051	1054	rBV	147158	253496	2.91%	0.287%
19	9.316	1054	1059	1066	rVV2	204184	495379	5.69%	0.560%
20	9.375	1066	1069	1075	rVV4	66892	110277	1.27%	0.125%
21	10.039	1175	1182	1191	rVB5	101102	241181	2.77%	0.273%
22	10.257	1214	1219	1221	rBV4	72876	124392	1.43%	0.141%
23	10.292	1221	1225	1230	rVB	98071	176471	2.03%	0.200%
24	10.645	1266	1285	1290	rBV	753394	1388735	15.94%	1.571%
25	10.734	1291	1300	1306	rVV	409745	756913	8.69%	0.856%
26	10.816	1308	1314	1320	rVV	147161	274239	3.15%	0.310%
27	10.881	1320	1325	1330	rVB2	89570	139200	1.60%	0.157%
28	10.951	1330	1337	1340	rBV7	53760	98355	1.13%	0.111%
29	10.992	1340	1344	1350	rVB7	59248	117314	1.35%	0.133%
30	11.098	1357	1362	1371	rVB5	78833	203164	2.33%	0.230%
31	11.228	1378	1384	1391	rVB	307671	530224	6.09%	0.600%
32	11.522	1427	1434	1443	rVB6	211096	468949	5.38%	0.530%
33	11.634	1445	1453	1461	rBV5	115389	291512	3.35%	0.330%
34	11.710	1461	1466	1469	rBV5	51788	90181	1.04%	0.102%

LSC Area Percent Report

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Acq On : 31 Mar 2017 23:44
Operator : SJ/MA
Sample : I2475-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

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_M\METHODS\8270-BM032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.757	1469	1474	1483	rVB	177414	359764	4.13%	0.407%
36	11.881	1490	1495	1504	rVB	96062	170288	1.95%	0.193%
37	11.975	1504	1511	1516	rBV3	109197	195679	2.25%	0.221%
38	12.039	1516	1522	1529	rVB3	147913	264508	3.04%	0.299%
39	12.151	1529	1541	1544	rBV4	111778	269913	3.10%	0.305%
40	12.204	1546	1550	1552	rVV4	90875	157028	1.80%	0.178%
41	12.239	1552	1556	1562	rVB	178302	271374	3.12%	0.307%
42	12.339	1570	1573	1577	rBV3	91449	156984	1.80%	0.178%
43	12.439	1585	1590	1595	rVB6	101149	169192	1.94%	0.191%
44	12.528	1595	1605	1611	rVB	439334	866669	9.95%	0.980%
45	12.628	1611	1622	1626	rBV2	276061	464234	5.33%	0.525%
46	12.669	1626	1629	1635	rVB2	123747	158176	1.82%	0.179%
47	12.739	1636	1641	1650	rVB6	79754	168558	1.94%	0.191%
48	12.822	1650	1655	1661	rBV2	163686	322608	3.70%	0.365%
49	12.898	1663	1668	1674	rVB2	224819	392483	4.51%	0.444%
50	12.963	1674	1679	1681	rBV3	165163	241227	2.77%	0.273%
51	12.992	1681	1684	1693	rVB4	186088	346256	3.98%	0.392%
52	13.104	1693	1703	1714	rBV	5075091	7817950	89.75%	8.842%
53	13.275	1727	1732	1735	rBV	171156	293414	3.37%	0.332%
54	13.410	1746	1755	1763	rVB3	474622	1439084	16.52%	1.628%
55	13.545	1770	1778	1785	rBV	1548417	2532256	29.07%	2.864%
56	13.616	1785	1790	1795	rVV2	656327	1197397	13.75%	1.354%
57	13.675	1795	1800	1804	rVB6	275985	452977	5.20%	0.512%
58	13.733	1804	1810	1815	rBV	2972509	4404472	50.56%	4.982%
59	13.810	1820	1823	1829	rVB5	139873	235491	2.70%	0.266%
60	13.939	1841	1845	1848	rBV	226637	307270	3.53%	0.348%
61	13.975	1848	1851	1854	rVV	270389	352524	4.05%	0.399%
62	14.016	1854	1858	1866	rVB3	202654	451766	5.19%	0.511%
63	14.204	1884	1890	1900	rVB3	278068	611202	7.02%	0.691%
64	14.369	1913	1918	1922	rBV3	264170	415577	4.77%	0.470%
65	14.422	1922	1927	1933	rVV7	202600	389704	4.47%	0.441%
66	14.492	1933	1939	1944	rVV2	1137661	1825516	20.96%	2.065%
67	14.551	1944	1949	1954	rVV	513112	844615	9.70%	0.955%
68	14.627	1957	1962	1975	rVB	489097	1110233	12.75%	1.256%
69	14.763	1980	1985	1992	rBV6	110504	299488	3.44%	0.339%
70	14.886	2003	2006	2016	rVB2	197957	351481	4.03%	0.398%
71	15.010	2022	2027	2032	rBV2	209473	305638	3.51%	0.346%

LSC Area Percent Report

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Sample : I2475-03
Misc :
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Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.116	2039	2045	2052	rBV6	268323	711435	8.17%	0.805%
73	15.363	2083	2087	2093	rVB2	306103	510738	5.86%	0.578%
74	15.539	2113	2117	2125	rVB3	274040	581597	6.68%	0.658%
75	15.616	2127	2130	2134	rBV5	123186	166004	1.91%	0.188%
76	15.927	2178	2183	2185	rBV2	189726	341127	3.92%	0.386%
77	15.986	2187	2193	2201	rVB	4395544	6684626	76.74%	7.560%
78	16.268	2238	2241	2246	rVB2	195366	284686	3.27%	0.322%
79	16.398	2259	2263	2267	rBV2	373587	522033	5.99%	0.590%
80	16.498	2273	2280	2285	rBV2	1477412	2982296	34.24%	3.373%
81	16.539	2285	2287	2291	rVB2	266658	279981	3.21%	0.317%
82	16.821	2333	2335	2340	rVB2	149816	181040	2.08%	0.205%
83	17.074	2375	2378	2383	rBV3	176300	281567	3.23%	0.318%
84	17.192	2395	2398	2401	rBV	254013	306005	3.51%	0.346%
85	17.239	2402	2406	2410	rVV	1557333	2020955	23.20%	2.286%
86	17.280	2410	2413	2417	rVB	255216	317063	3.64%	0.359%
87	17.357	2423	2426	2433	rBV3	360952	589794	6.77%	0.667%
88	17.645	2472	2475	2482	rVB3	540717	730249	8.38%	0.826%
89	19.862	2846	2852	2858	rBV	6806176	8710807	100.00%	9.852%
90	20.109	2891	2894	2898	rBV	138862	196126	2.25%	0.222%
91	20.156	2900	2902	2907	rVB	160837	173777	1.99%	0.197%
92	20.751	2999	3003	3007	rBV	221770	306954	3.52%	0.347%
93	21.103	3060	3063	3069	rVB2	214751	250858	2.88%	0.284%
94	21.415	3112	3116	3121	rBV	2131237	2615327	30.02%	2.958%
95	23.744	3505	3512	3519	rVB2	1234172	2450780	28.13%	2.772%

Sum of corrected areas: 88415635

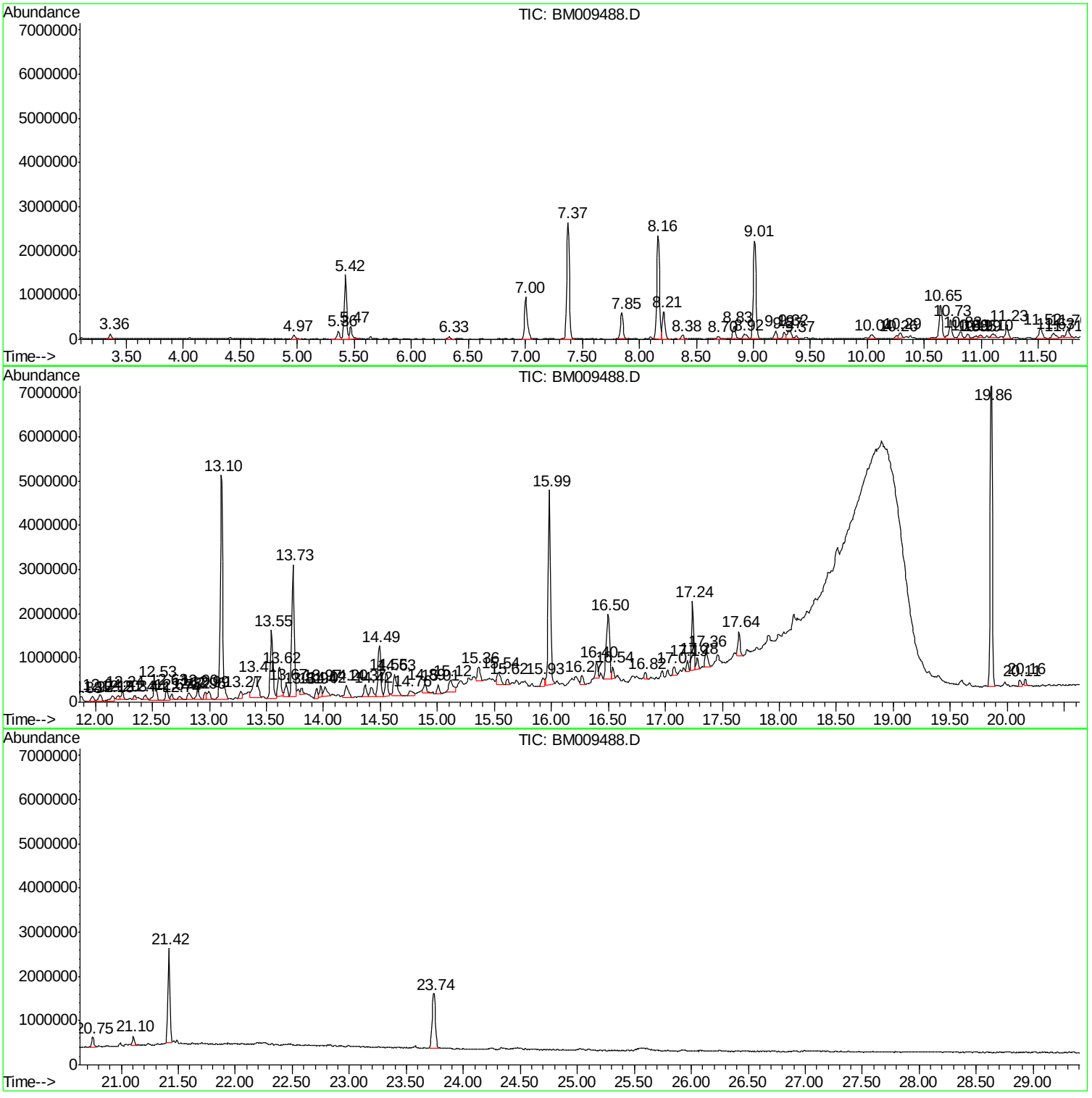
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009488.D
Acq On : 31 Mar 2017 23:44
Operator : SJ/MA
Sample : I2475-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.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 M\Data\BM033117\
Data File : BM009488.D
Acq On : 31 Mar 2017 23:44
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Sample : I2475-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

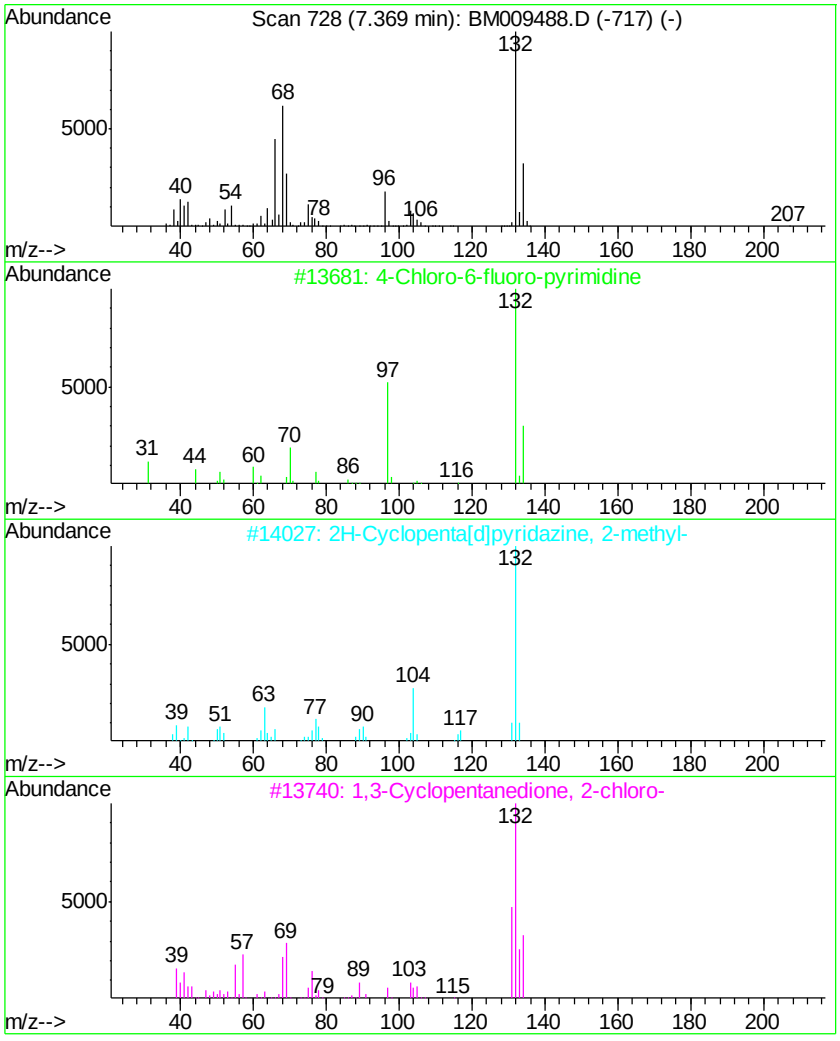
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

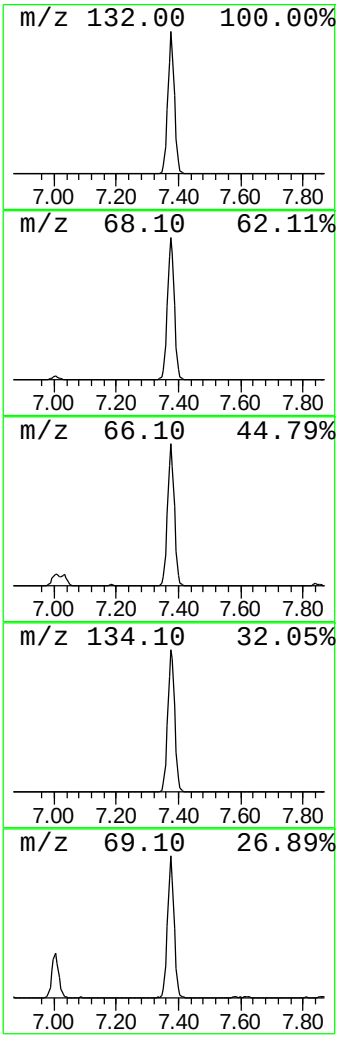
****

Peak Number 2 unknown7.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	88.70 ng	4145170	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10





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Sample : I2475-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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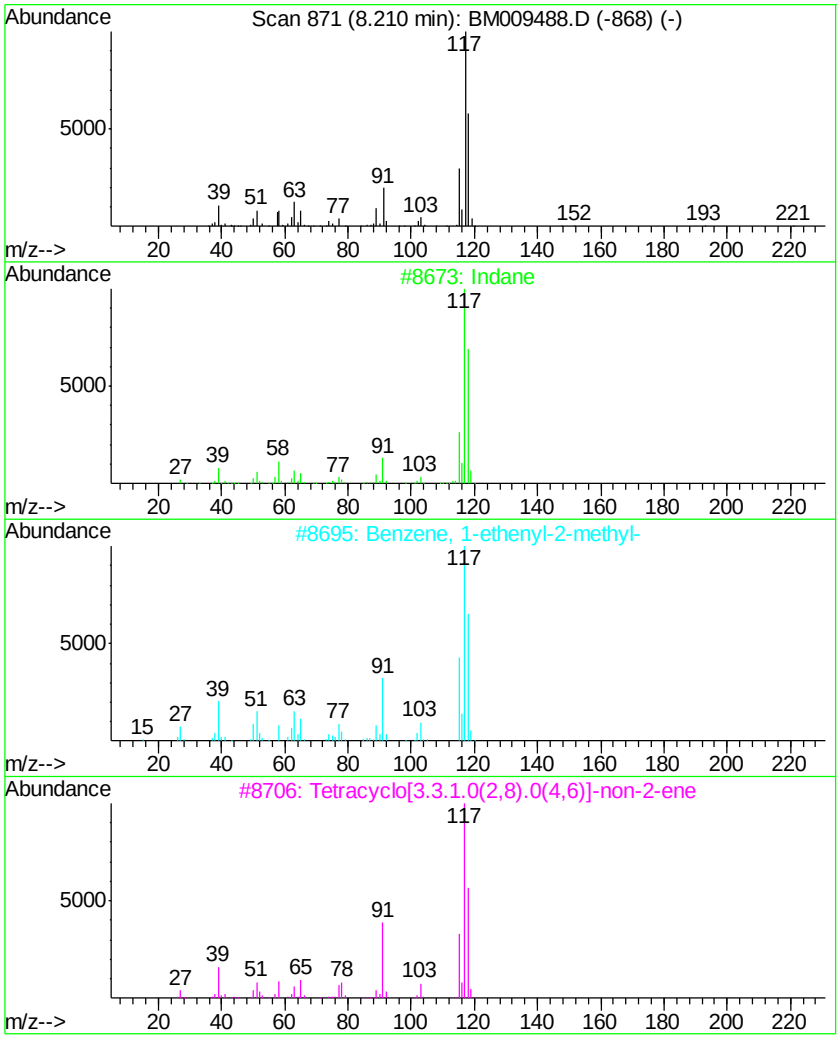
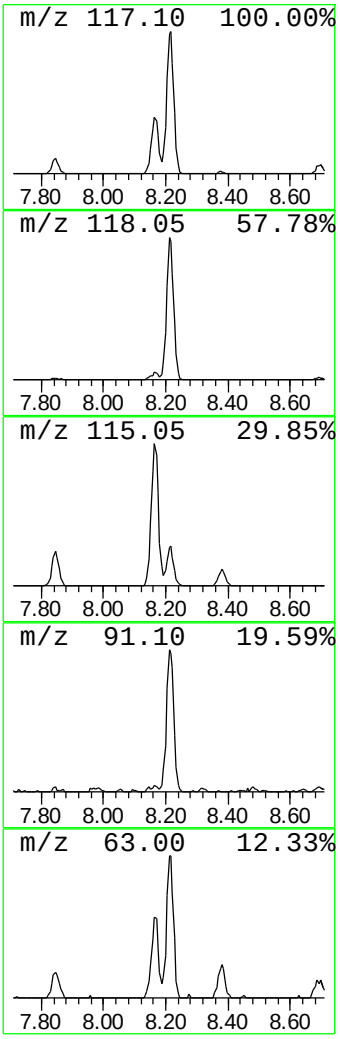
****

Peak Number 4 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	20.73 ng	968797	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	68
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	59





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Sample : I2475-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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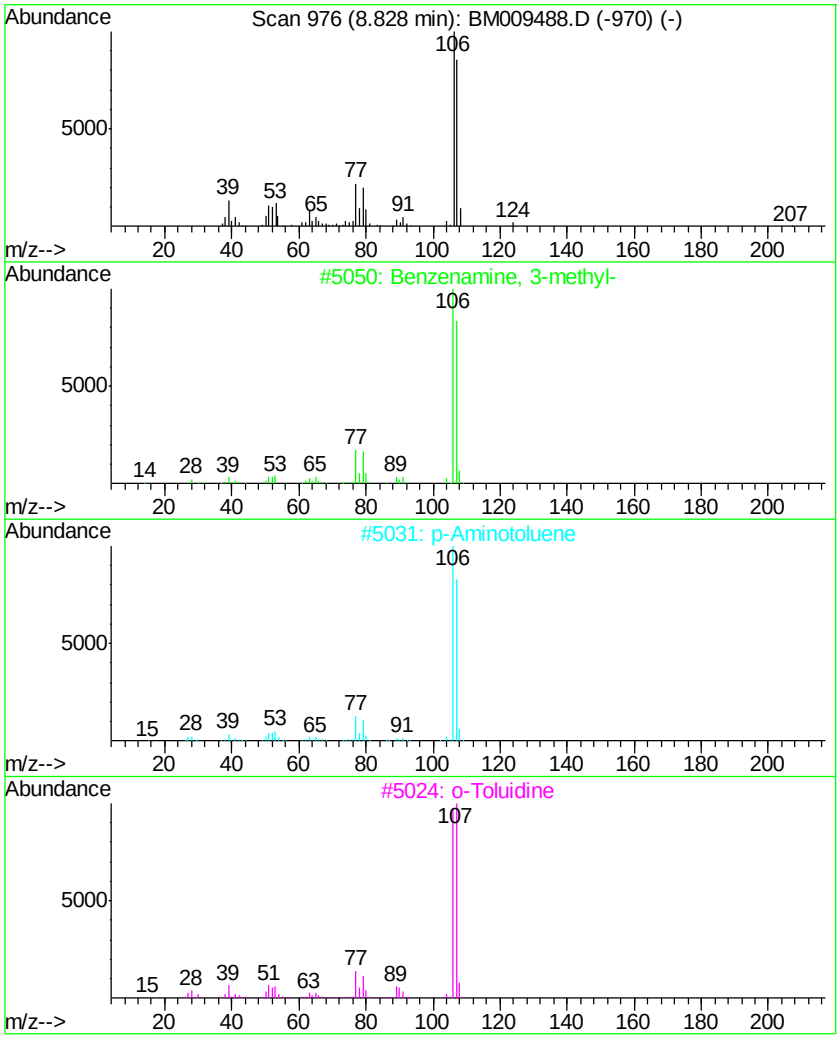
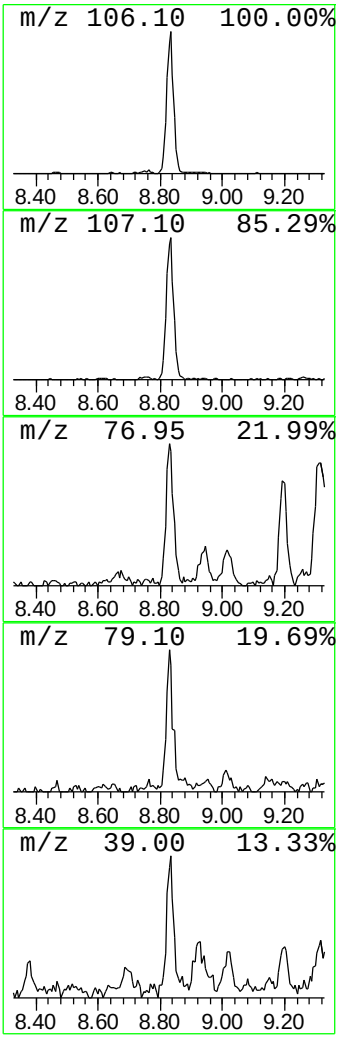
Peak Number 5 Benzenamine, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	10.37 ng	484724	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	96
2	p-Aminotoluene	107	C7H9N	000106-49-0	94
3	o-Toluidine	107	C7H9N	000095-53-4	94
4	Aniline, N-methyl-	107	C7H9N	000100-61-8	87
5	Pyridine, 4-ethyl-	107	C7H9N	000536-75-4	72





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
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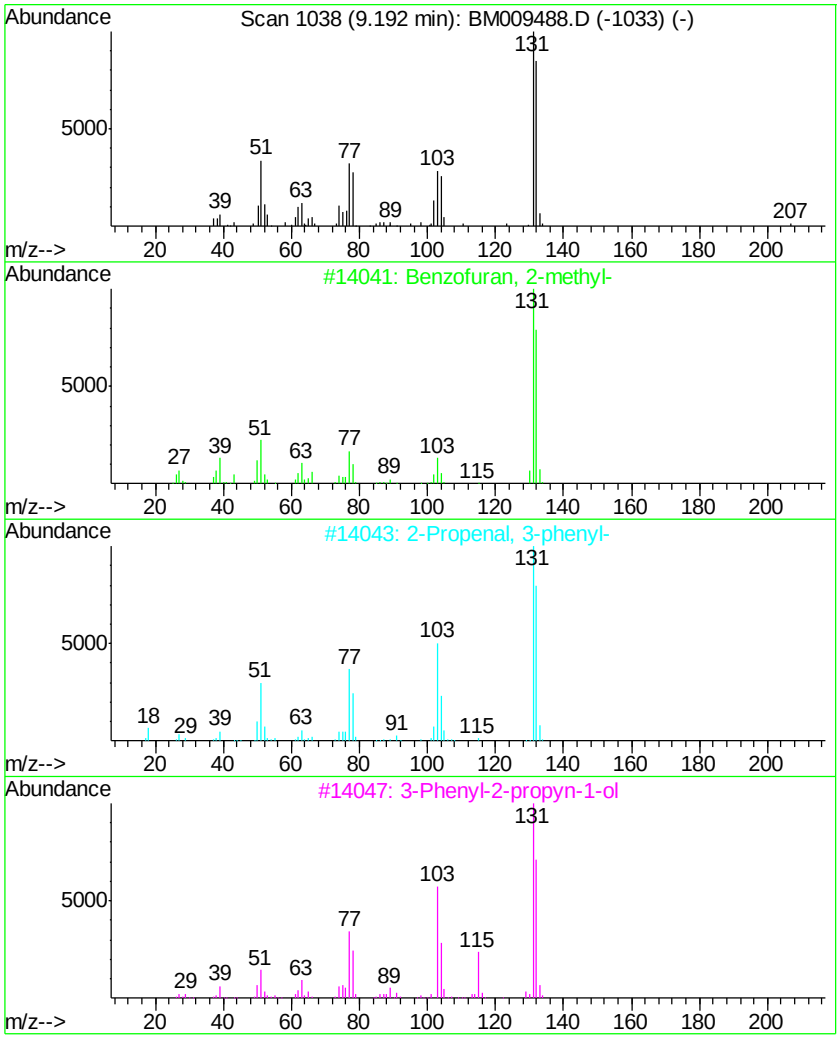
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

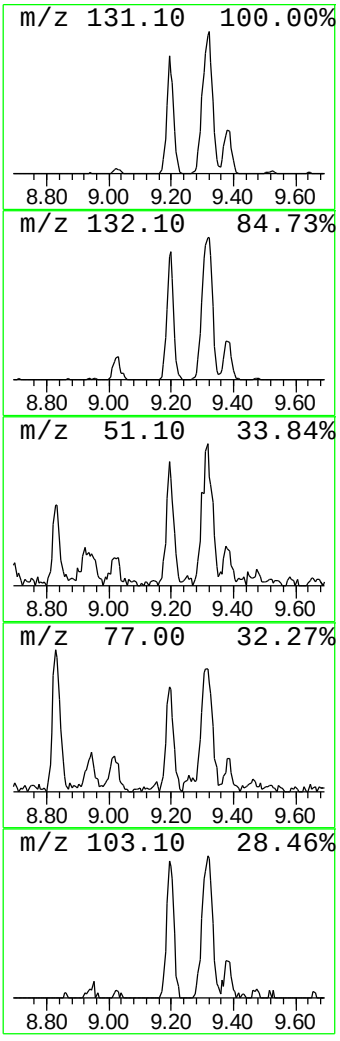
****

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	6.50 ng	303642	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	87
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	81





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Data File : BM009488.D
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Operator : SJ/MA
Sample : I2475-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

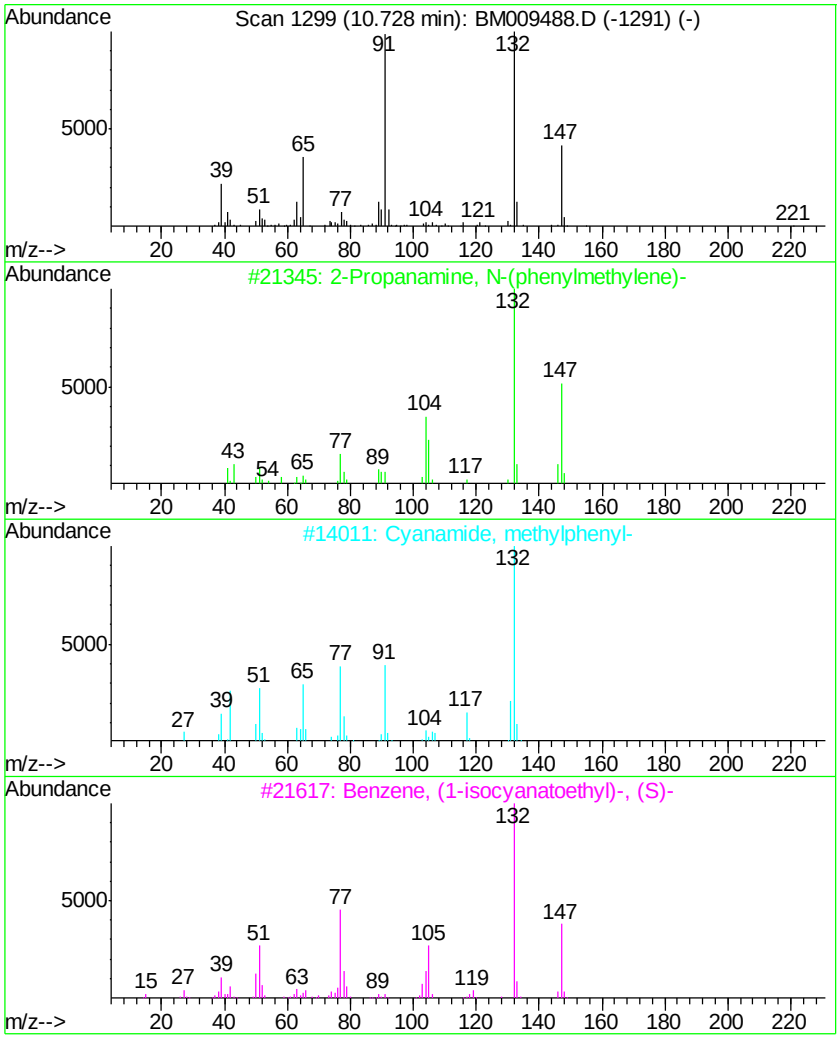
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

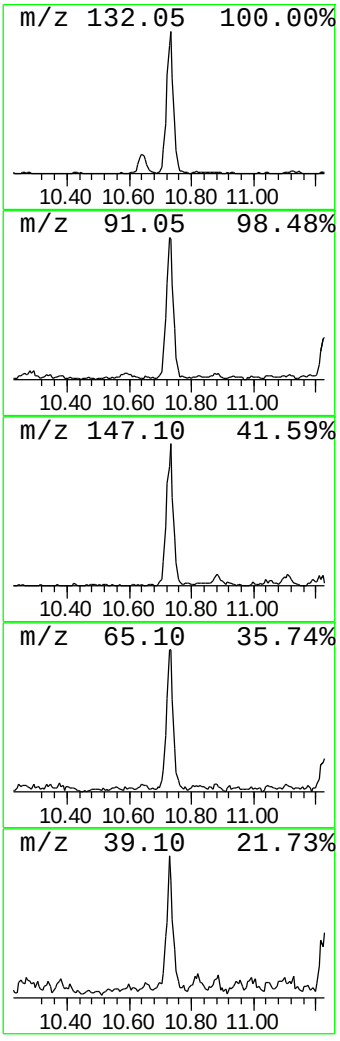
****

Peak Number 8 2-Propanamine, N-(phenylmet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	10.90 ng	756913	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanamine, N-(phenylmethylene)-	147	C10H13N	006852-56-8	53
2	Cyanamide, methylphenyl-	132	C8H8N2	018773-77-8	52
3	Benzene, (1-isocyanatoethyl)-, (S)-	147	C9H9NO	014649-03-7	50
4	(+)-.alpha.-Phenethyl isocyanate	147	C9H9NO	033375-06-3	50
5	Benzene, 3-butenyl-	132	C10H12	000768-56-9	47





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Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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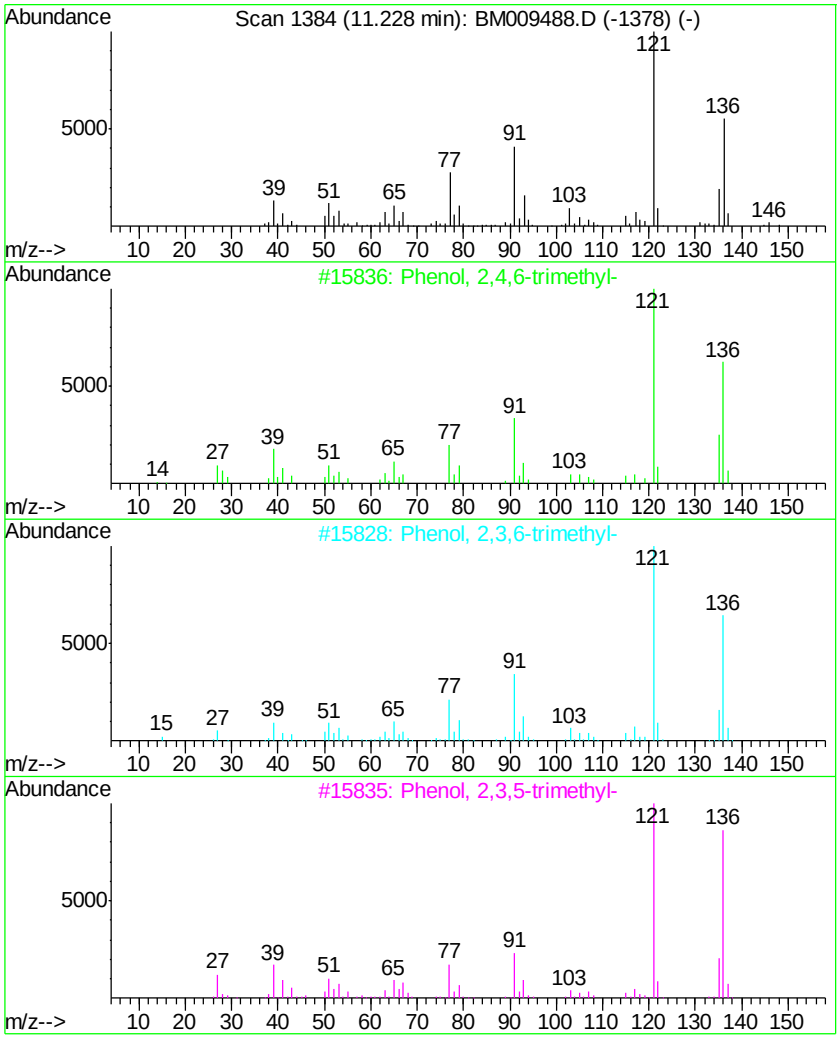
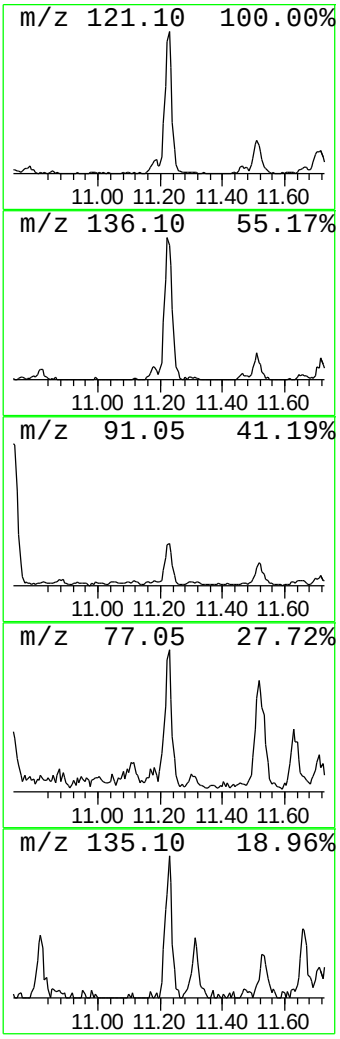
Peak Number 9 Phenol, 2,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	7.64 ng	530224	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	94
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	87





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Acq On : 31 Mar 2017 23:44
Operator : SJ/MA
Sample : I2475-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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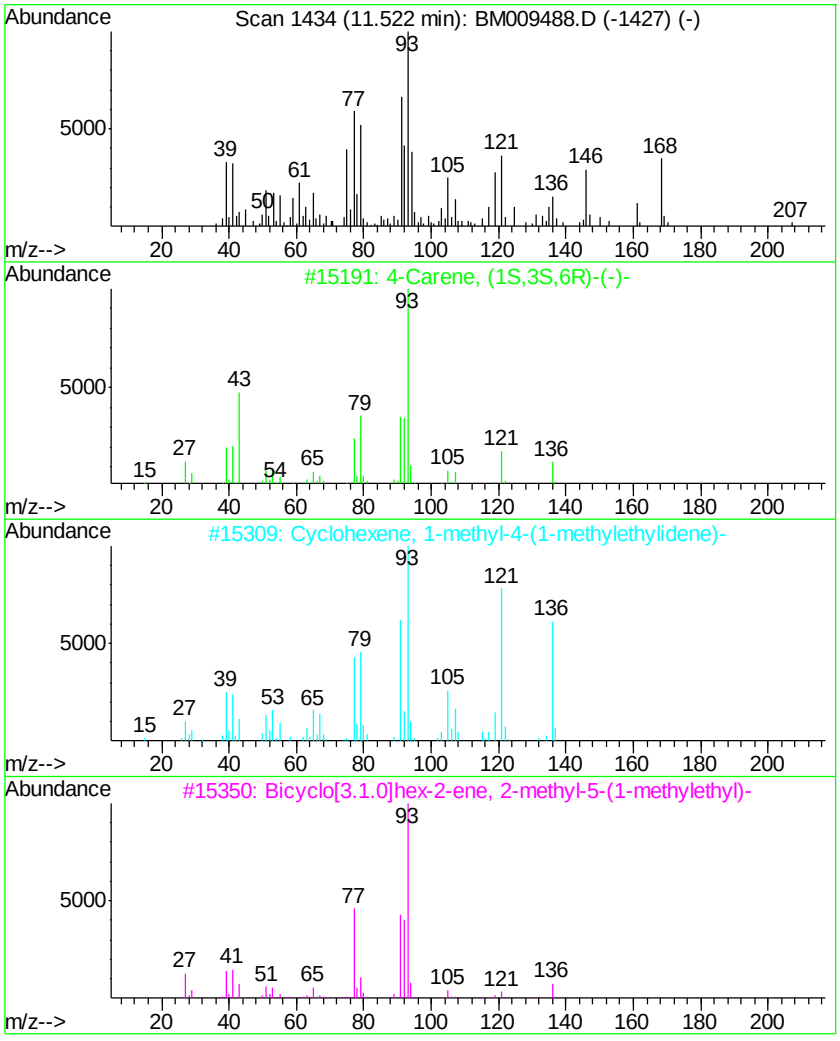
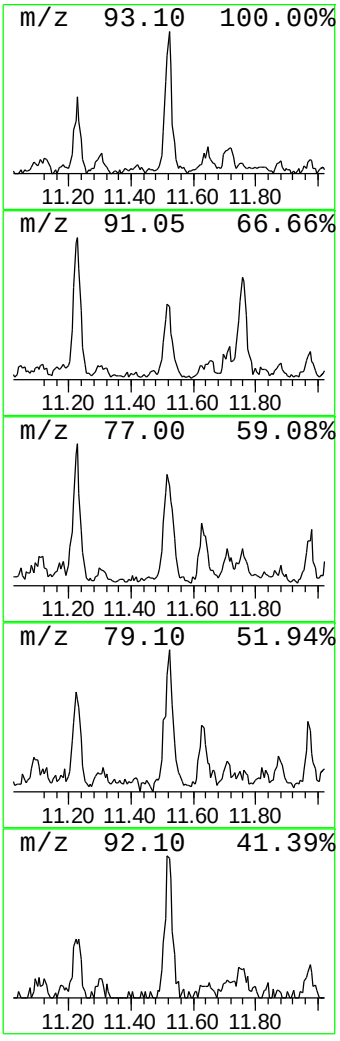
Peak Number 10 unknown11.52 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	6.75 ng	468949	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Carene, (1S,3S,6R)-(-)-	136	C10H16	005208-50-4	45
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	45
3	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	43
4	4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	38
5	.alpha.-Phellandrene	136	C10H16	000099-83-2	38





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Sample : I2475-03
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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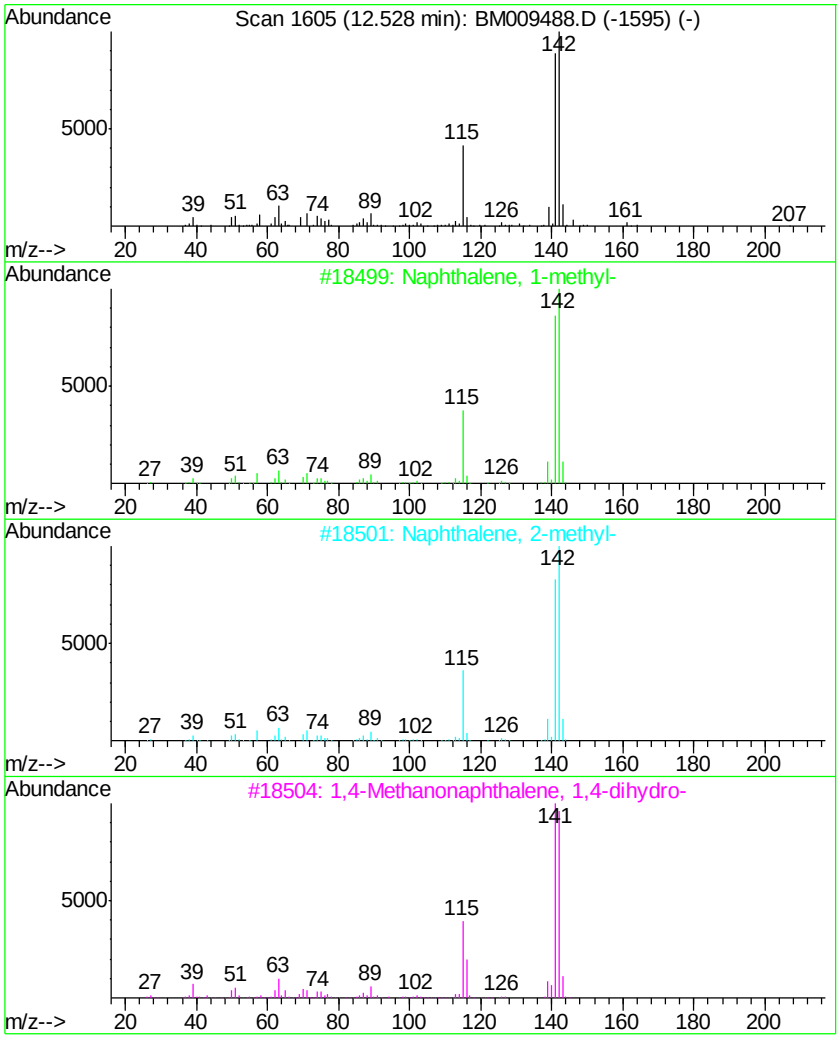
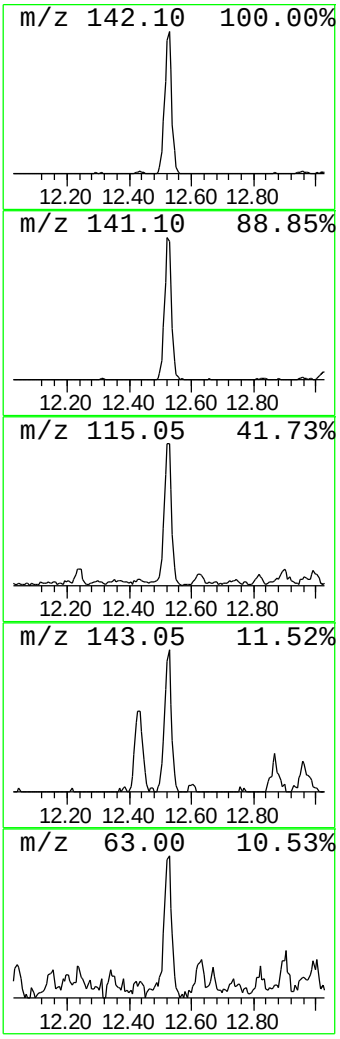
Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	12.48 ng	866669	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





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Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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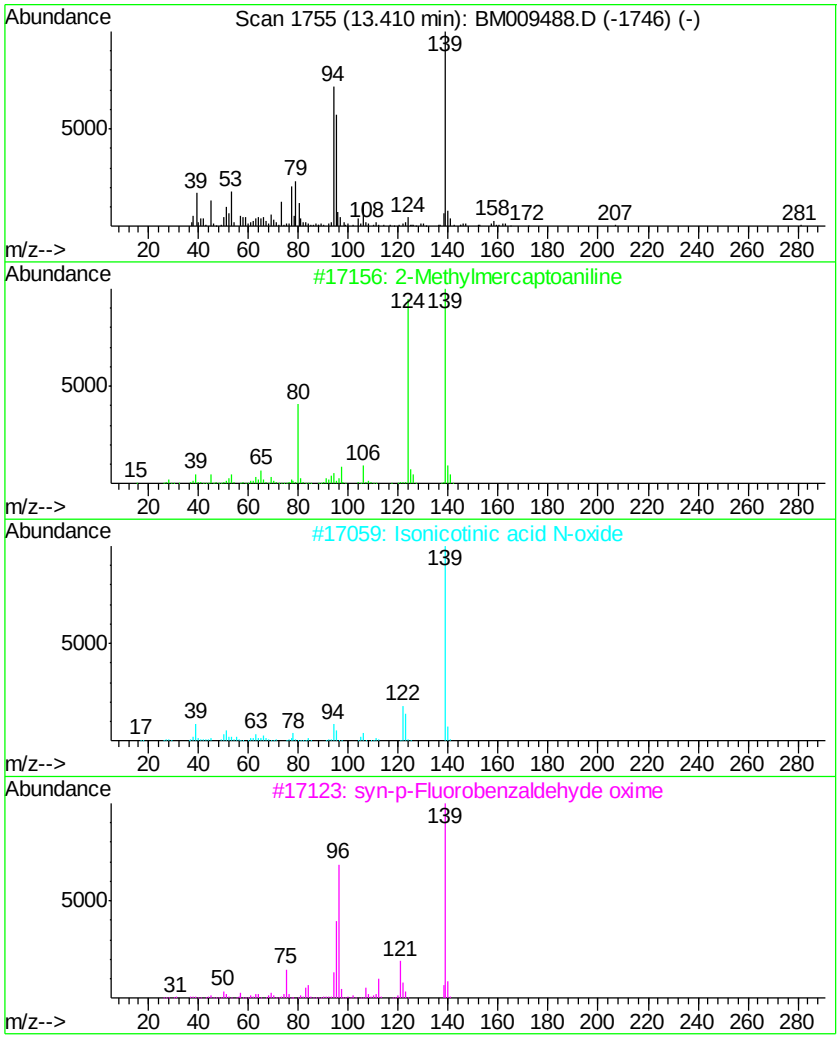
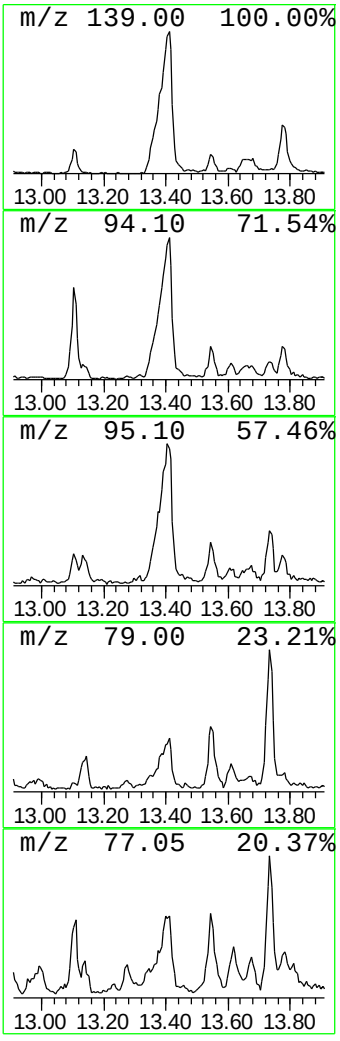
Peak Number 12 unknown13.41 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	15.77 ng	1439080	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylmercaptoaniline	139	C7H9NS	002987-53-3	35
2	Isonicotinic acid N-oxide	139	C6H5NO3	013602-12-5	30
3	syn-p-Fluorobenzaldehyde oxime	139	C7H6FNO	007304-35-0	27
4	1H-Pyrrole, 2,5-dimethyl-	95	C6H9N	000625-84-3	25
5	2-Pentyne, 1-chloro-4,4-dimethyl-	130	C7H11Cl	055683-00-6	25





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ClientSampleId : QNWP8-MW27S-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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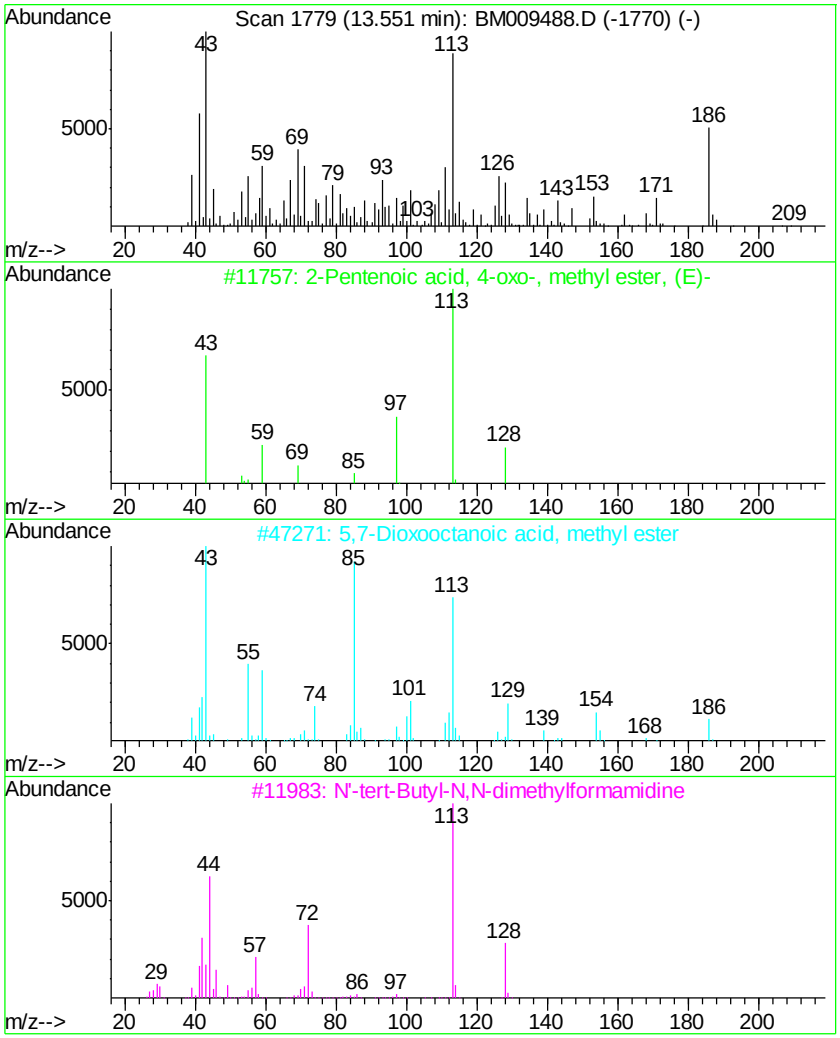
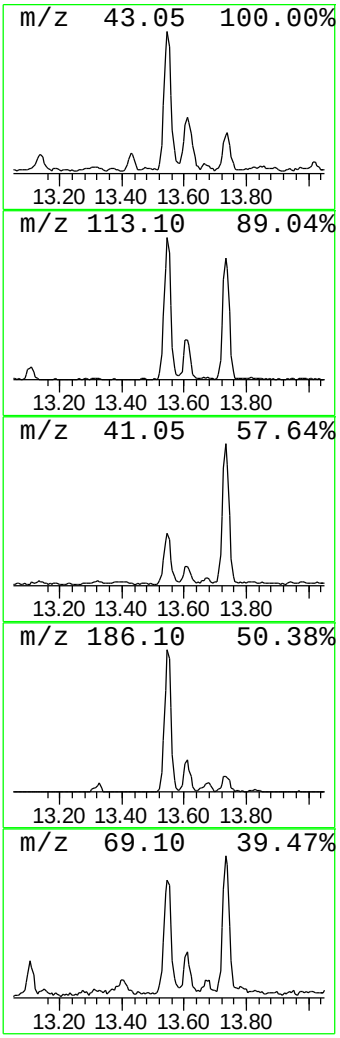
Peak Number 13 unknown13.55 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	27.74 ng	2532260	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, 4-oxo-, methyl...	128	C6H8O3	002833-24-1	38
2	5,7-Dioxooctanoic acid, methyl e...	186	C9H14O4	1000099-93-5	35
3	N'-tert-Butyl-N,N-dimethylformam...	128	C7H16N2	023314-06-9	27
4	2-Propanone, diethylhydrazone	128	C7H16N2	016713-36-3	27
5	Thiazole, 4,5-dimethyl-	113	C5H7NS	003581-91-7	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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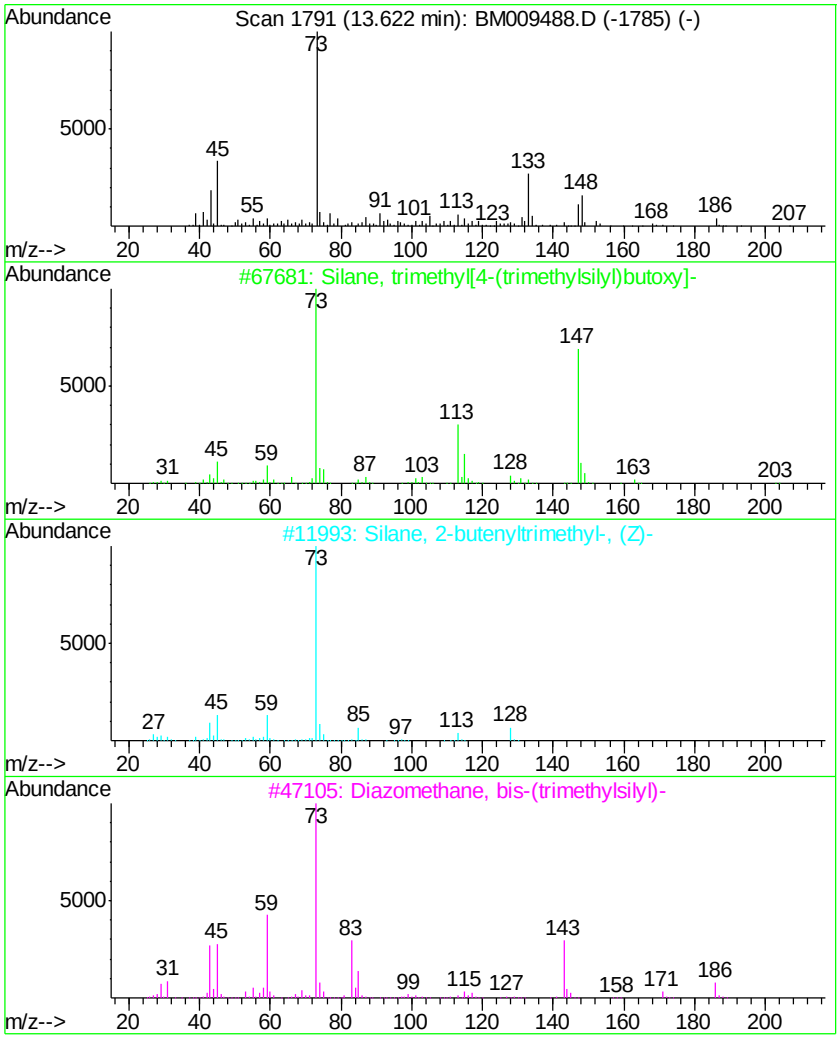
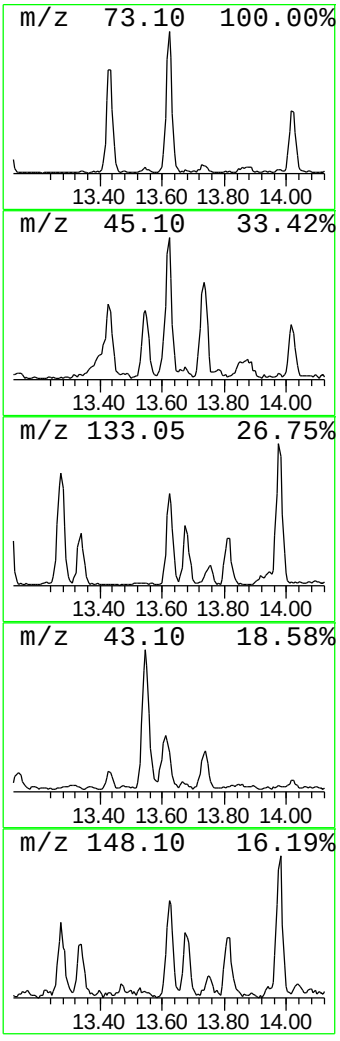
Peak Number 14 unknown13.62 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	13.12 ng	1197400	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trimethyl[4-(trimethylsi...	218	C10H26OSi2	007140-91-2	38
2	Silane, 2-butenyltrimethyl-, (Z)-	128	C7H16Si	017486-13-4	22
3	Diazomethane, bis-(trimethylsilyl)-	186	C7H18N2Si2	030006-66-7	16
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	14
5	1,3-Dioxolane, 2-ethyl-	102	C5H10O2	002568-96-9	14





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Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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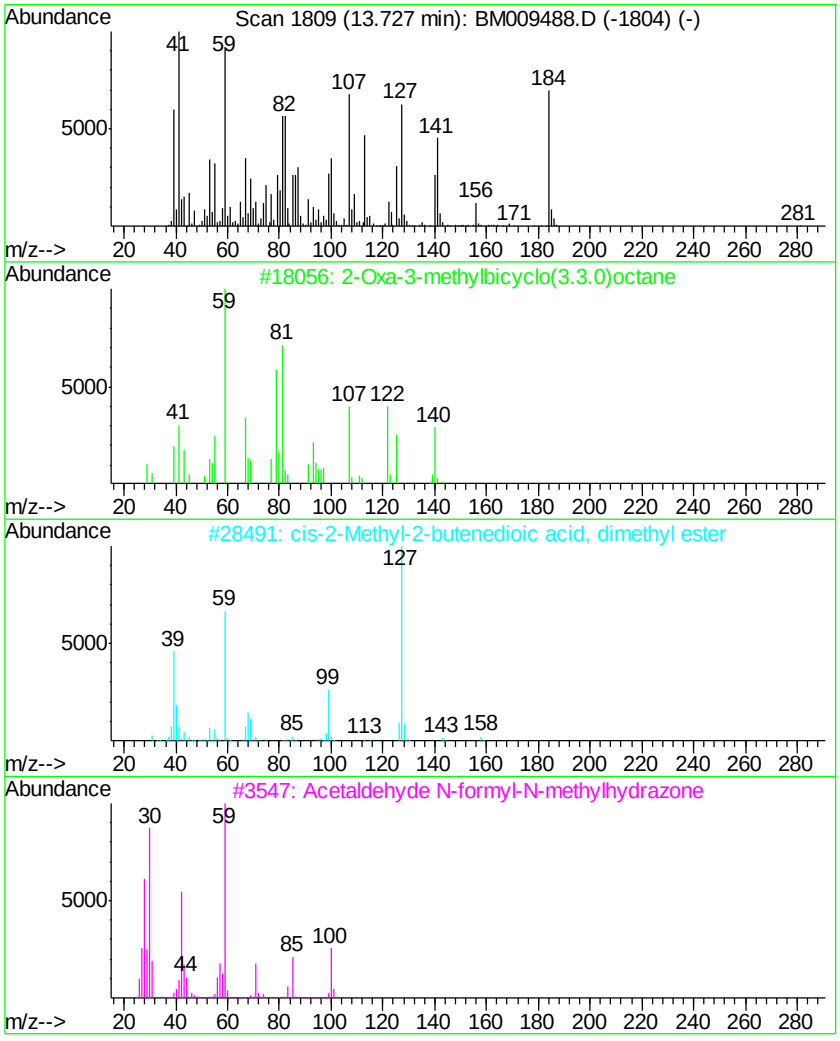
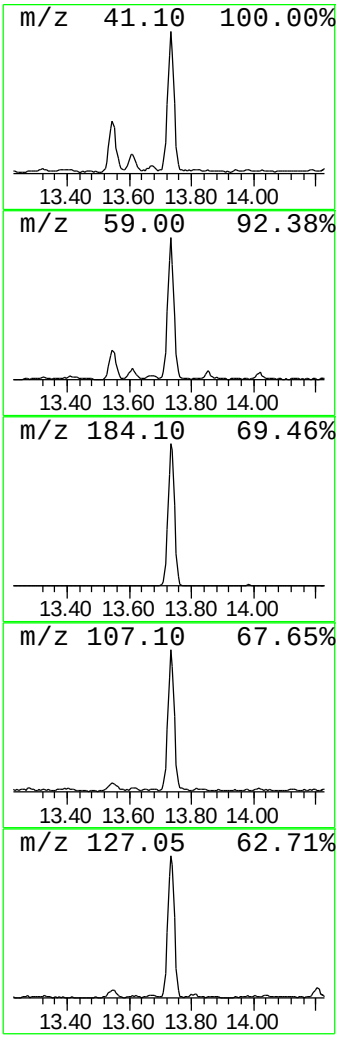
Peak Number 15 unknown13.73 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	48.25 ng	4404470	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxa-3-methylbicyclo(3.3.0)octane	140	C9H16O	029183-69-5	30
2	cis-2-Methyl-2-butenedioic acid,...	158	C7H10O4	000617-54-9	12
3	Acetaldehyde N-formyl-N-methylhy...	100	C4H8N2O	016568-02-8	11
4	1-Chloro-2-ethoxyethane	108	C4H9ClO	000628-34-2	10
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	10





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ClientSampleId : QNWP8-MW27S-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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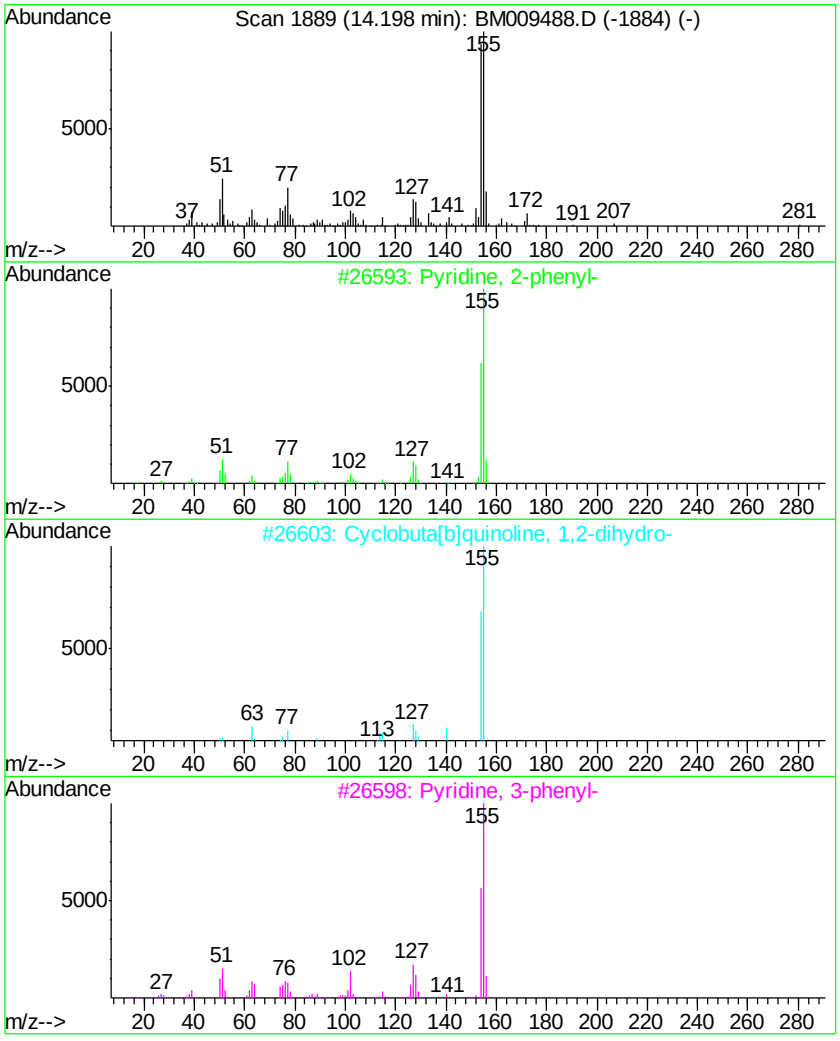
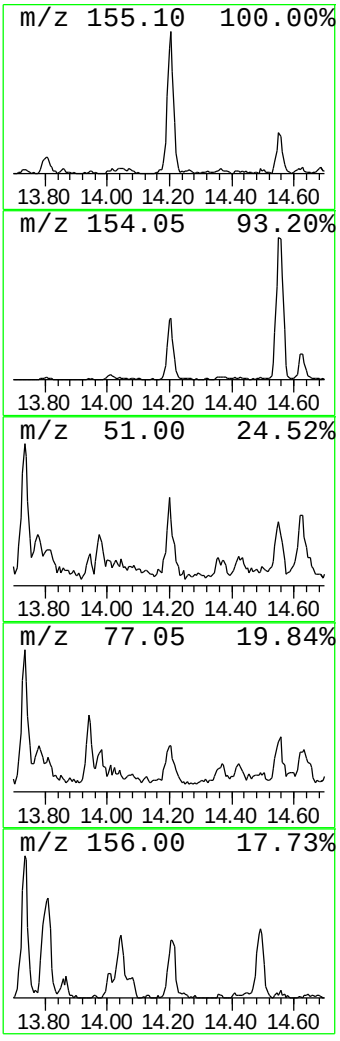
Peak Number 16 Pyridine, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	6.70 ng	611202	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-phenyl-	155	C11H9N	001008-89-5	81
2	Cyclobuta[b]quinoline, 1,2-dihydro-	155	C11H9N	013353-49-6	53
3	Pyridine, 3-phenyl-	155	C11H9N	001008-88-4	52
4	Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	47
5	2-Quinolinecarbonitrile	154	C10H6N2	001436-43-7	38





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Sample : I2475-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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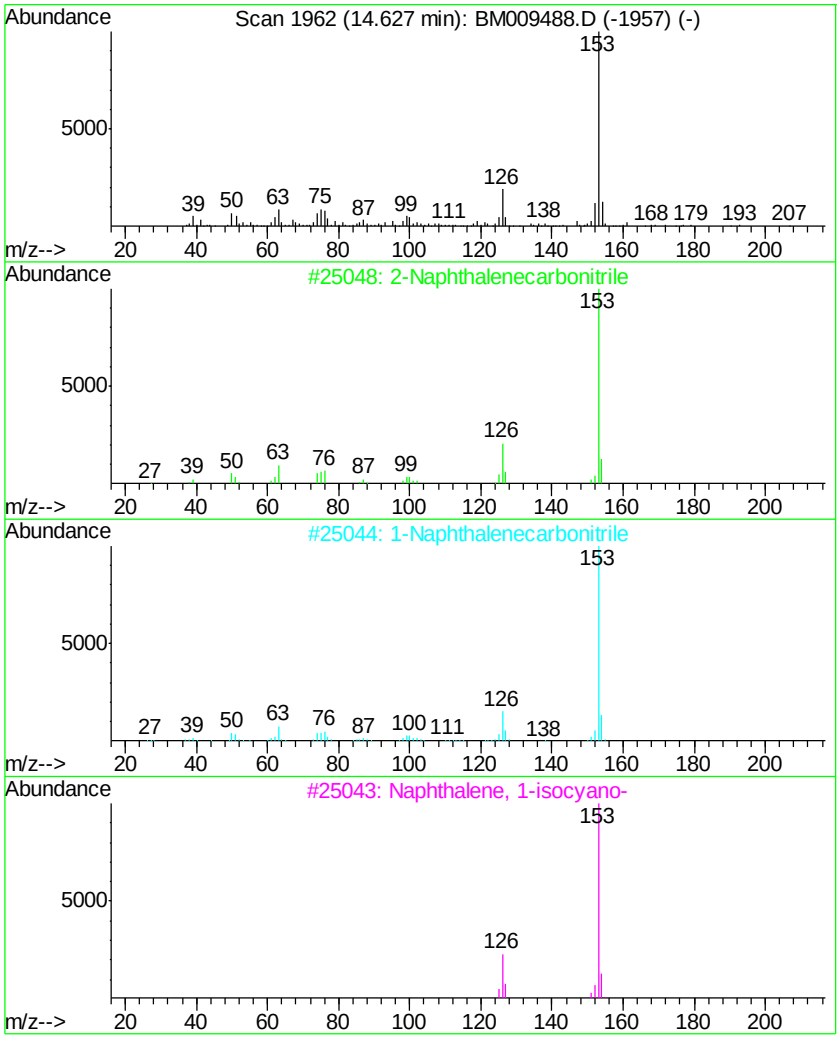
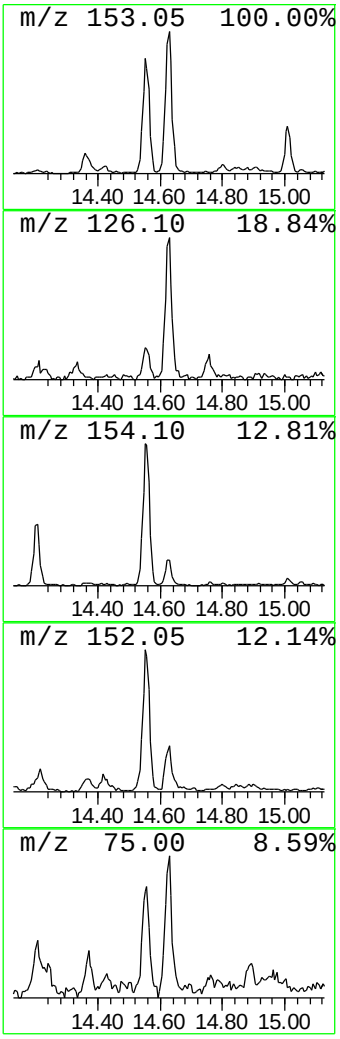
Peak Number 17 2-Naphthalenecarbonitrile Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	12.16 ng	1110230	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90
3	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	83
4	2-Cyclohexen-3-ol-1-one, 2-[1-im...	153	C8H11NO2	1000131-52-4	47
5	4-(Chloromethyl)benzoyl chloride	188	C8H6Cl2O	000876-08-4	42





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Misc :
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Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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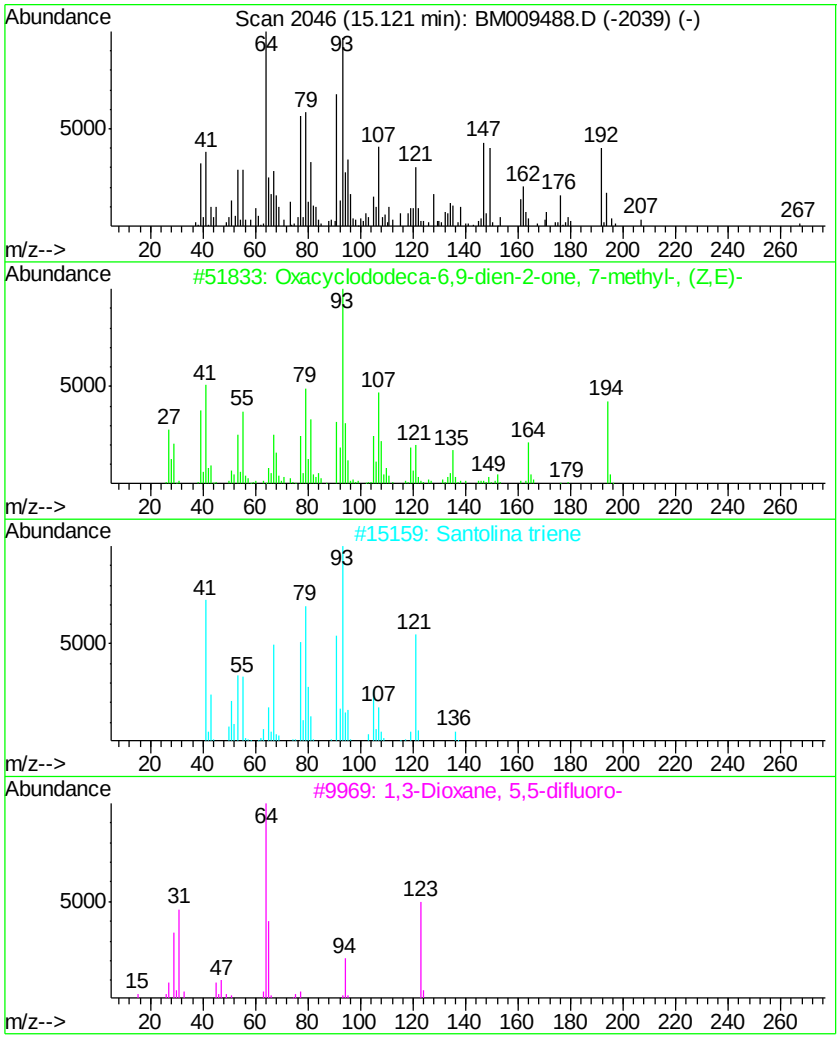
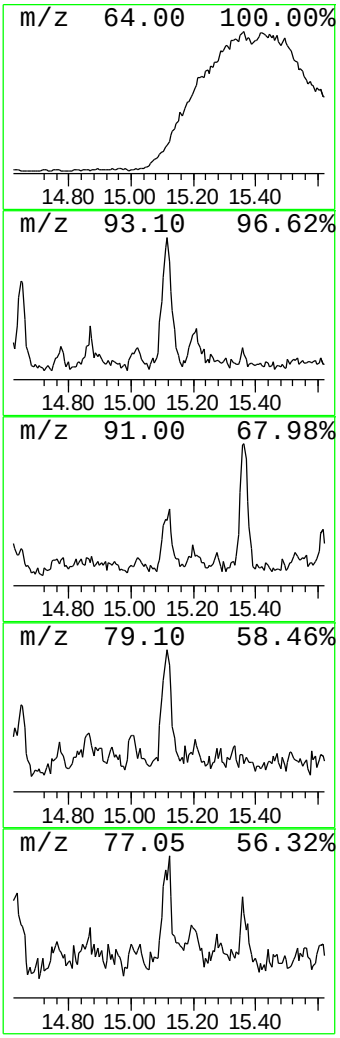
Peak Number 18 unknown15.12 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	7.79 ng	711435	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxacyclododeca-6,9-dien-2-one, 7...	194	C12H18O2	070968-72-8	40
2	Santolina triene	136	C10H16	002153-66-4	30
3	1,3-Dioxane, 5,5-difluoro-	124	C4H6F2O2	036301-44-7	27
4	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	016022-04-1	25
5	Camphene	136	C10H16	000079-92-5	22





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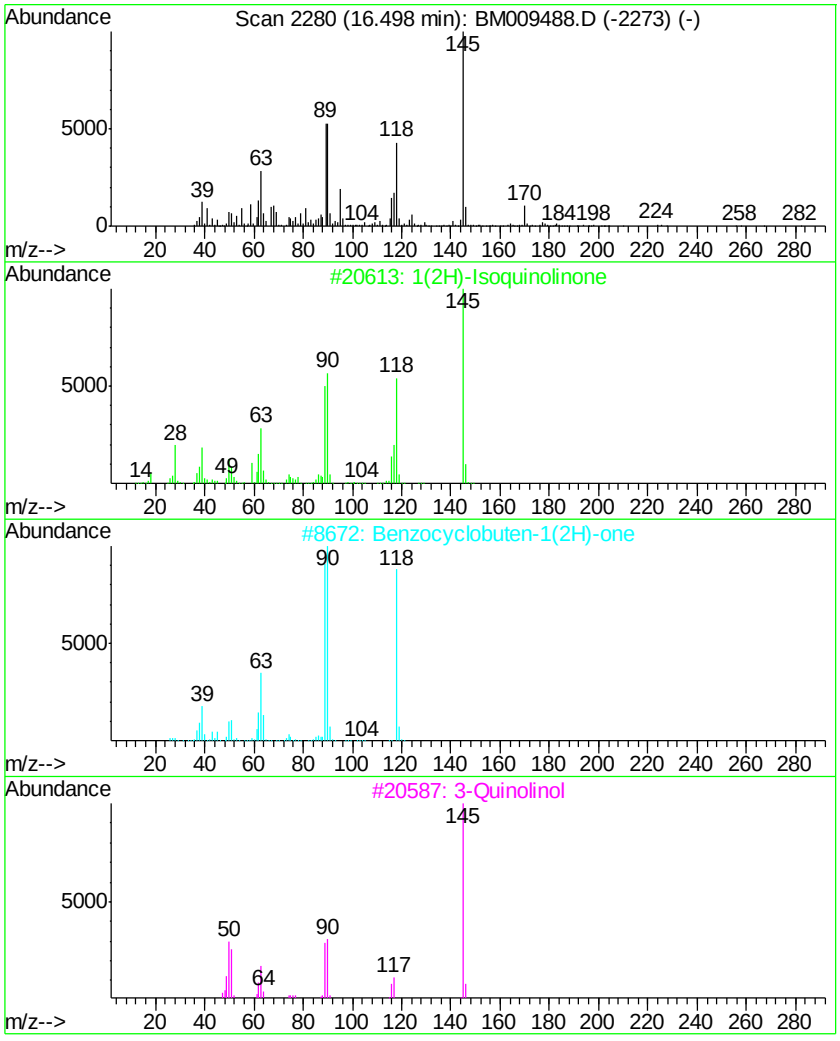
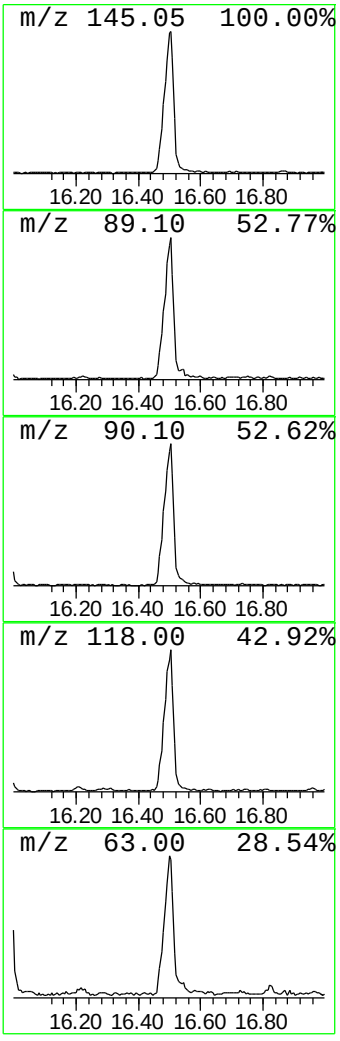
Peak Number 19 1(2H)-Isoquinolinone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	29.51 ng	2982300	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	98
2	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	89
3	3-Quinolinol	145	C9H7NO	000580-18-7	68
4	Oxazole, 2-phenyl-	145	C9H7NO	020662-88-8	62
5	Isoquinoline, 2-oxide	145	C9H7NO	001532-72-5	58





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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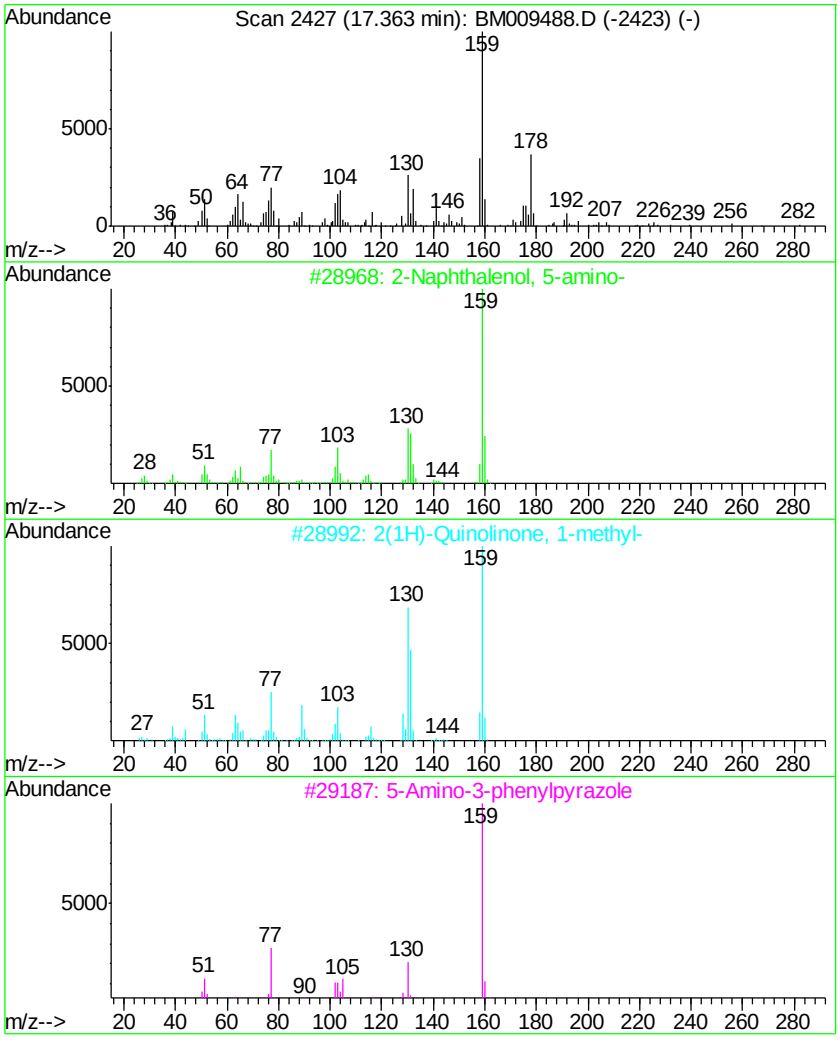
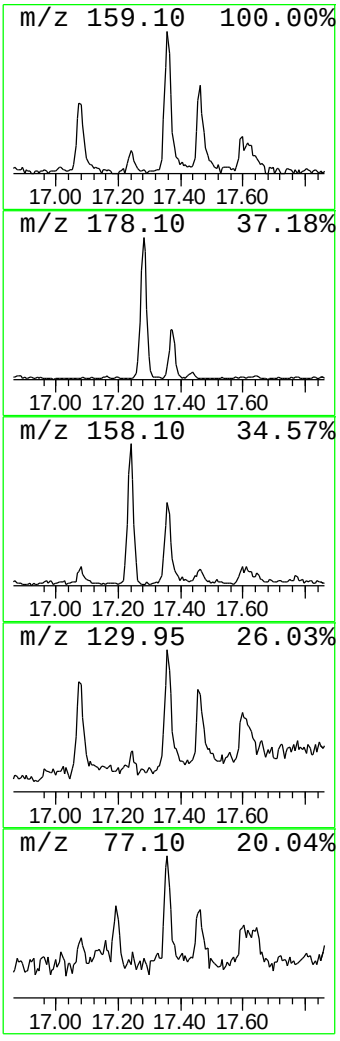
Peak Number 20 2-Naphthalenol, 5-amino- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	5.84 ng	589794	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol, 5-amino-	159	C10H9NO	000086-97-5	52
2	2(1H)-Quinolinone, 1-methyl-	159	C10H9NO	000606-43-9	50
3	5-Amino-3-phenylpyrazole	159	C9H9N3	000827-41-8	41
4	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	40
5	8-Quinolinemethanol	159	C10H9NO	016032-35-2	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM033117\
Data File : BM009488.D
Acq On : 31 Mar 2017 23:44
Operator : SJ/MA
Sample : I2475-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.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
unknown7.37	7.37	88.7	ng	4145170	1	7.85	934613	20.0
Indane	8.21	20.7	ng	968797	1	7.85	934613	20.0
Benzenamine, 3-me...	8.83	10.4	ng	484724	1	7.85	934613	20.0
Benzofuran, 2-met...	9.19	6.5	ng	303642	1	7.85	934613	20.0
2-Propanamine, N-...	10.73	10.9	ng	756913	2	10.65	1388740	20.0
Phenol, 2,4,6-tri...	11.23	7.6	ng	530224	2	10.65	1388740	20.0
unknown11.52	11.52	6.8	ng	468949	2	10.65	1388740	20.0
Naphthalene, 1-me...	12.53	12.5	ng	866669	2	10.65	1388740	20.0
unknown13.41	13.41	15.8	ng	1439080	3	14.49	1825520	20.0
unknown13.55	13.55	27.7	ng	2532260	3	14.49	1825520	20.0
unknown13.62	13.62	13.1	ng	1197400	3	14.49	1825520	20.0
unknown13.73	13.73	48.3	ng	4404470	3	14.49	1825520	20.0
Pyridine, 2-phenyl-	14.20	6.7	ng	611202	3	14.49	1825520	20.0
2-Naphthalenecarb...	14.63	12.2	ng	1110230	3	14.49	1825520	20.0
unknown15.12	15.12	7.8	ng	711435	3	14.49	1825520	20.0
1(2H)-Isoquinolinone	16.50	29.5	ng	2982300	4	17.24	2020960	20.0
2-Naphthalenol, 5...	17.36	5.8	ng	589794	4	17.24	2020960	20.0