LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003803.D
Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

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-BM120915.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	4.804	287	292	298	rBV	59357	82341	2.60%	0.294%
2	5.269	364	371	379	rBV	284638	409959	12.94%	1.466%
3	6.863	635	642	651	rBV	184057	294122	9.28%	1.052%
4	6.945	651	656	663	rVB	24094	36439	1.15%	0.130%
5	7.216	695	702	710	rBV	537833	848040	26.77%	3.033%
6	7.681	775	781	787	rVB	192923	294988	9.31%	1.055%
7	7.998	826	835	841	rBV	480655	800647	25.27%	2.863%
8	8.375	894	899	901	rVV4	19667	34262	1.08%	0.123%
9	8.463	909	914	920	rBV	40882	64748	2.04%	0.232%
10	8.728	951	959	963	rBV5	45482	100026	3.16%	0.358%
11	8.786	963	969	973	rVV2	89001	142664	4.50%	0.510%
12	8.839	973	978	988	rVB	389099	712258	22.48%	2.547%
13	9.128	1019	1027	1032	rBV4	19807	37648	1.19%	0.135%
14	9.304	1052	1057	1064	rVB	35637	57967	1.83%	0.207%
15	9.410	1064	1075	1081	rBV6	15922	50260	1.59%	0.180%
16	9.528	1081	1095	1099	rBV6	54297	154682	4.88%	0.553%
17	9.663	1109	1118	1126	rBV6	41725	106689	3.37%	0.382%
18	9.839	1142	1148	1150	rBV4	23694	37973	1.20%	0.136%
19	9.875	1150	1154	1162	rVB3	50123	94550	2.98%	0.338%
20	10.016	1170	1178	1188	rBV7	41858	101278	3.20%	0.362%
21	10.239	1200	1216	1226	rBV3	114203	442813	13.98%	1.583%
22	10.416	1238	1246	1249	rBV3	34818	82815	2.61%	0.296%
23	10.469	1249	1255	1261	rVV	281919	505629	15.96%	1.808%
24	10.516	1261	1263	1270	rVB4	26954	42564	1.34%	0.152%
25	10.580	1270	1274	1279	rBV	32855	55907	1.76%	0.200%
26	10.651	1279	1286	1290	rBV	88787	168493	5.32%	0.603%
27	10.798	1306	1311	1315	rBV3	26010	46050	1.45%	0.165%
28	10.880	1320	1325	1327	rBV2	35936	56679	1.79%	0.203%
29	11.051	1350	1354	1359	rVV4	21748	35693	1.13%	0.128%
30	11.227	1375	1384	1390	rBV4	32727	74695	2.36%	0.267%
31	11.292	1390	1395	1398	rBV3	27438	48111	1.52%	0.172%
32	11.345	1399	1404	1412	rVB6	35680	99818	3.15%	0.357%
33	11.498	1425	1430	1435	rVB2	40590	70361	2.22%	0.252%
34	11.580	1435	1444	1455	rVB9	59776	192519	6.08%	0.688%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003803.D
Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

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-BM120915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.716	1455	1467	1474	rBV4	64694	216918	6.85%	0.776%
36	11.822	1474	1485	1495	rBV8	47195	133644	4.22%	0.478%
37	11.945	1498	1506	1510	rBV5	40658	125561	3.96%	0.449%
38	12.033	1517	1521	1523	rBV2	22562	35098	1.11%	0.126%
39	12.063	1523	1526	1530	rVV2	49893	75715	2.39%	0.271%
40	12.169	1536	1544	1548	rBV2	76681	215092	6.79%	0.769%
41	12.204	1548	1550	1557	rVB4	85950	122216	3.86%	0.437%
42	12.269	1557	1561	1564	rBV2	27786	48575	1.53%	0.174%
43	12.363	1572	1577	1587	rVB5	68877	179544	5.67%	0.642%
44	12.445	1587	1591	1595	rBV	59882	97923	3.09%	0.350%
45	12.669	1625	1629	1632	rBV4	61332	103369	3.26%	0.370%
46	12.757	1639	1644	1647	rBV6	33919	69523	2.19%	0.249%
47	12.857	1656	1661	1669	rBV6	49598	122388	3.86%	0.438%
48	12.951	1670	1677	1683	rVB	1104831	1685509	53.20%	6.027%
49	13.045	1688	1693	1705	rVV7	68998	154359	4.87%	0.552%
50	13.174	1712	1715	1718	rBV3	27681	34878	1.10%	0.125%
51	13.298	1732	1736	1739	rBV2	63545	85332	2.69%	0.305%
52	13.510	1766	1772	1776	rVB4	84082	159399	5.03%	0.570%
53	13.592	1776	1786	1790	rBV6	79579	195449	6.17%	0.699%
54	13.645	1790	1795	1803	rBV5	188676	533903	16.85%	1.909%
55	13.839	1824	1828	1833	rVB6	40069	63365	2.00%	0.227%
56	13.892	1834	1837	1841	rBV3	46808	66431	2.10%	0.238%
57	14.063	1861	1866	1873	rVB7	85412	190034	6.00%	0.680%
58	14.192	1884	1888	1891	rBV4	66614	96318	3.04%	0.344%
59	14.227	1891	1894	1897	rVB	65141	77027	2.43%	0.275%
60	14.263	1897	1900	1902	rBV2	37898	53029	1.67%	0.190%
61	14.339	1908	1913	1919	rVB2	356940	614079	19.38%	2.196%
62	14.457	1930	1933	1938	rVB3	90617	134889	4.26%	0.482%
63	14.539	1938	1947	1949	rBV2	130358	250570	7.91%	0.896%
64	14.992	2013	2024	2029	rBV	1264906	3168010	100.00%	11.329%
65	15.045	2029	2033	2038	rVB5	217450	387079	12.22%	1.384%
66	15.168	2050	2054	2059	rVB4	162418	274132	8.65%	0.980%
67	15.274	2064	2072	2076	rBV2	153747	297254	9.38%	1.063%
68	15.421	2093	2097	2102	rBV4	110744	181218	5.72%	0.648%
69	15.480	2103	2107	2110	rBV	65903	90766	2.87%	0.325%
70	15.533	2110	2116	2127	rVB	468439	818632	25.84%	2.927%
71	15.639	2131	2134	2136	rBV4	42924	65120	2.06%	0.233%

LSC Area Percent Report

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Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

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-BM120915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.680	2137	2141	2147	rVB4	156664	318472	10.05%	1.139%
73	15.751	2147	2153	2159	rBV2	261835	472440	14.91%	1.689%
74	15.833	2159	2167	2171	rBV2	661582	1318360	41.61%	4.714%
75	15.886	2171	2176	2181	rBV	680189	1084406	34.23%	3.878%
76	15.992	2190	2194	2197	rBV4	65627	105170	3.32%	0.376%
77	16.033	2197	2201	2208	rVV	150925	254638	8.04%	0.911%
78	16.110	2211	2214	2222	rVB2	104731	152173	4.80%	0.544%
79	16.292	2242	2245	2247	rBV4	60852	89096	2.81%	0.319%
80	16.333	2247	2252	2258	rVB	602775	959491	30.29%	3.431%
81	16.421	2263	2267	2270	rBV3	93035	147374	4.65%	0.527%
82	16.568	2288	2292	2294	rBV2	93506	135917	4.29%	0.486%
83	16.798	2322	2331	2340	rBV2	482247	1089662	34.40%	3.897%
84	17.086	2375	2380	2386	rBV	420721	655147	20.68%	2.343%
85	17.521	2451	2454	2462	rVB	76704	114211	3.61%	0.408%
86	17.592	2463	2466	2470	rBV	65754	89073	2.81%	0.319%
87	17.751	2489	2493	2501	rVB	104594	181967	5.74%	0.651%
88	18.362	2593	2597	2614	rVB	187220	387065	12.22%	1.384%
89	19.721	2823	2828	2836	rVB	1261470	1544038	48.74%	5.521%
90	21.286	3089	3094	3100	rVB	472339	635424	20.06%	2.272%
91	23.521	3468	3474	3486	rVB	331614	624151	19.70%	2.232%

Sum of corrected areas: 27964311

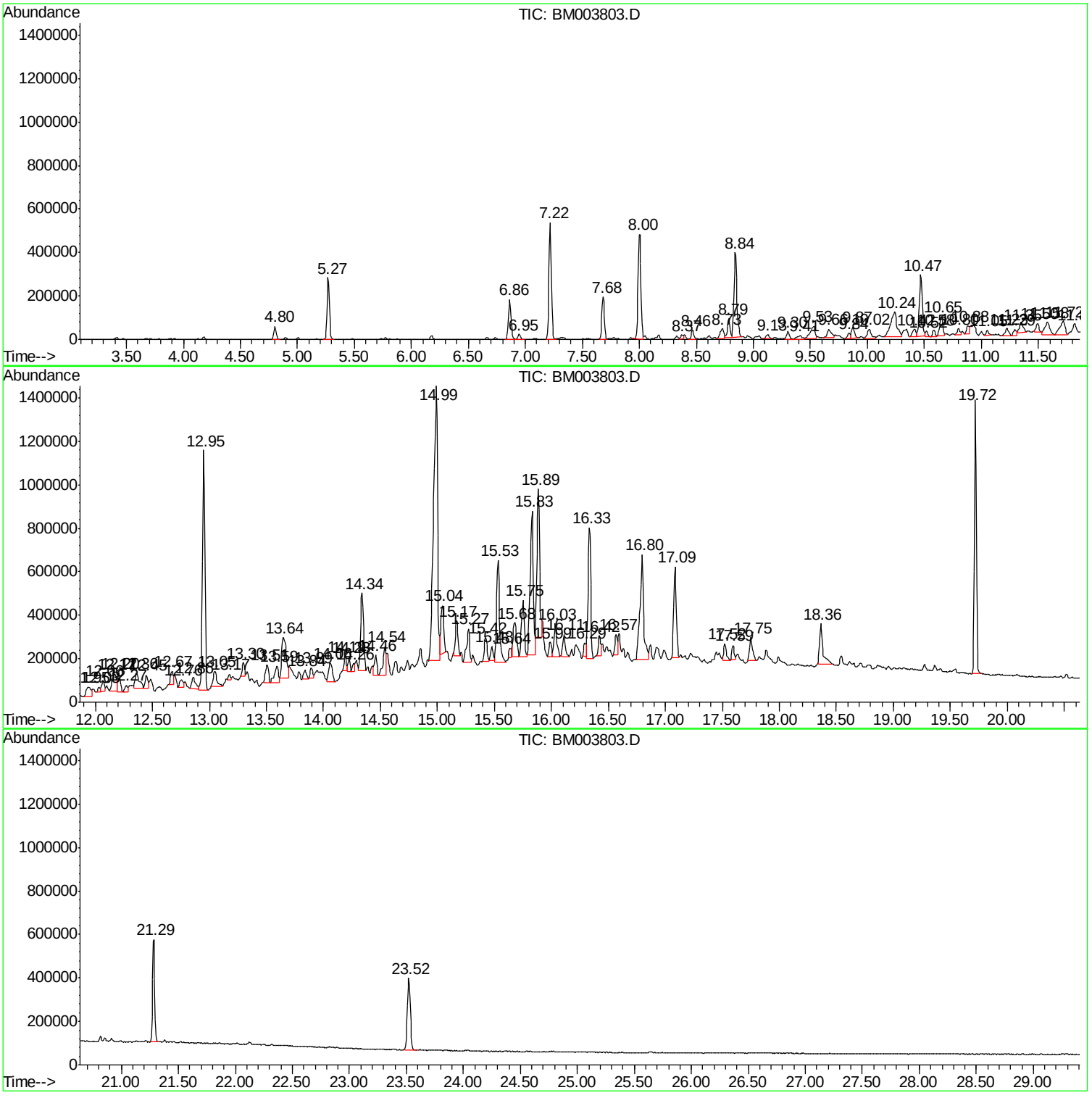
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003803.D
Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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\BM122515\
Data File : BM003803.D
Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

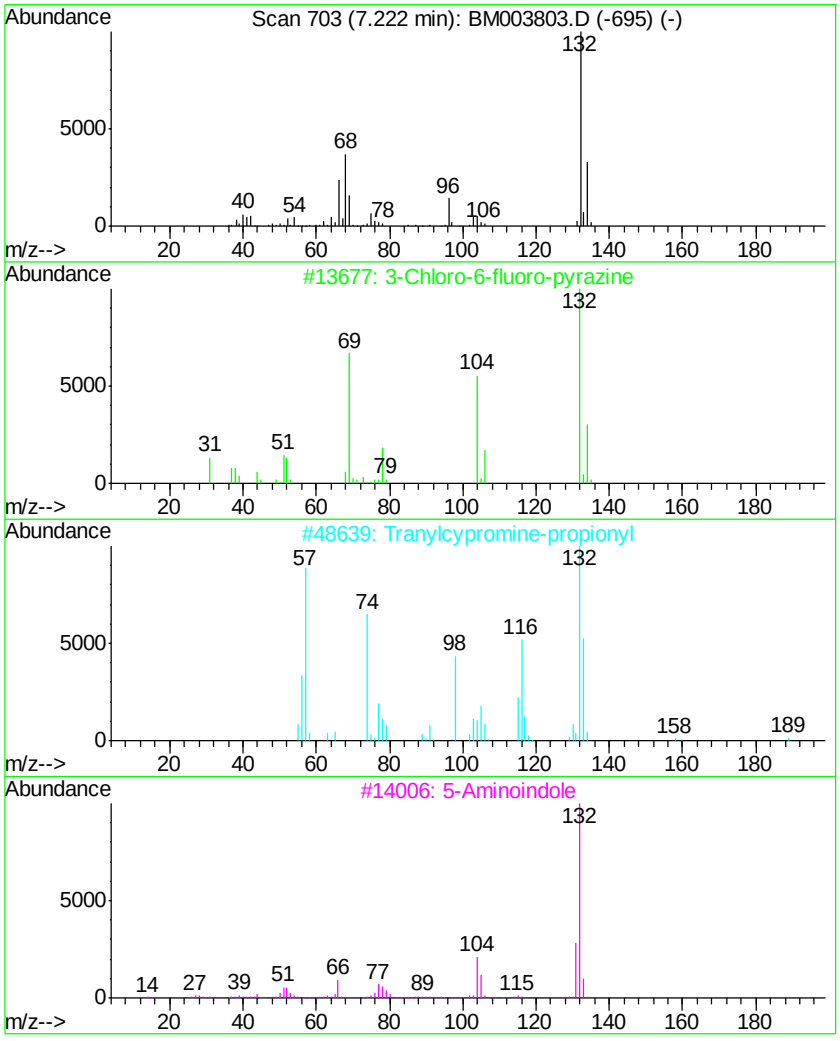
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

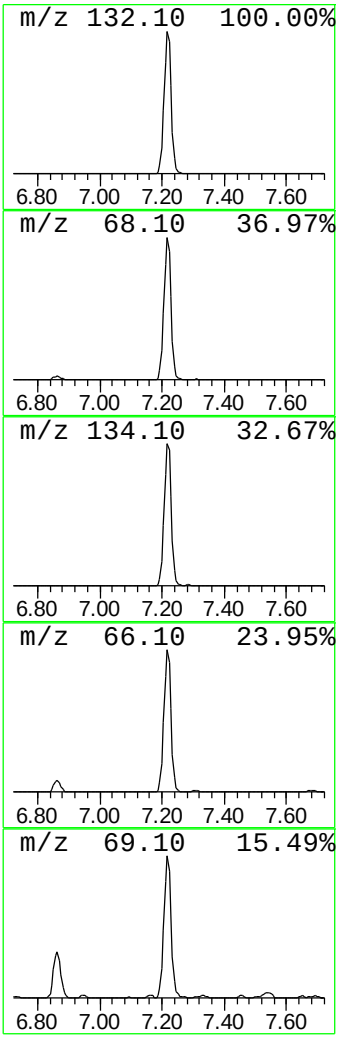
****

Peak Number 1 unknown7.22 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	57.50 ng	848040	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003803.D
Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

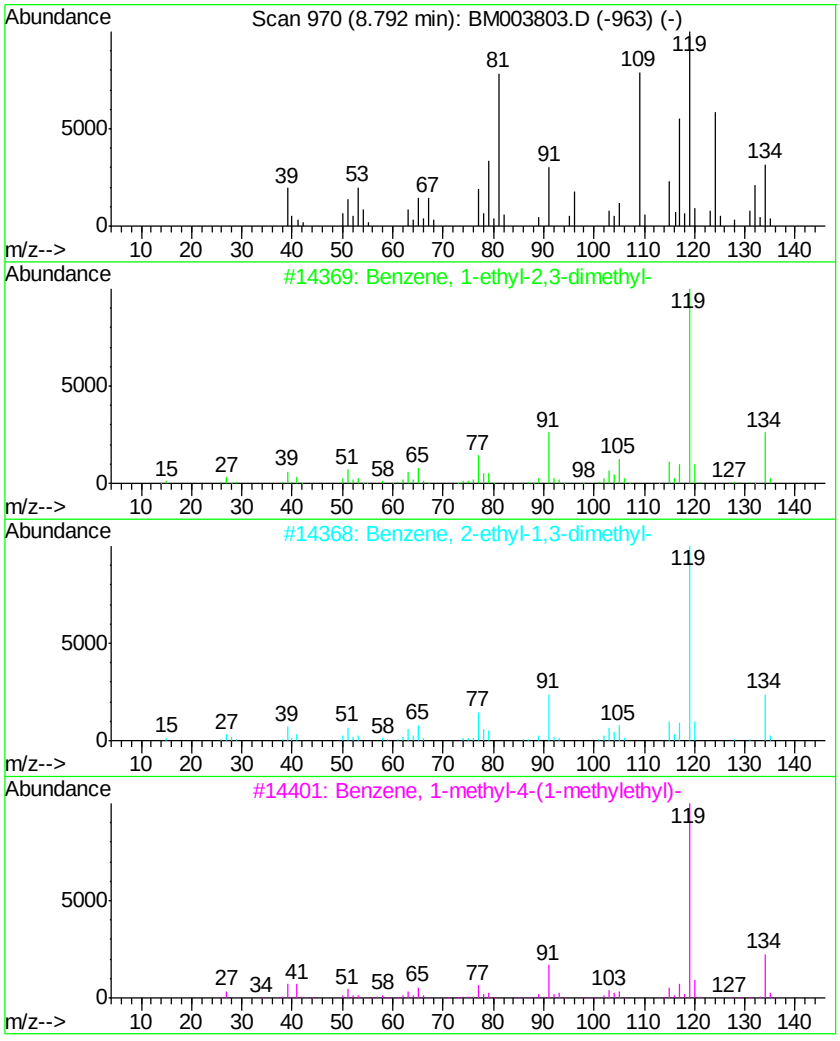
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

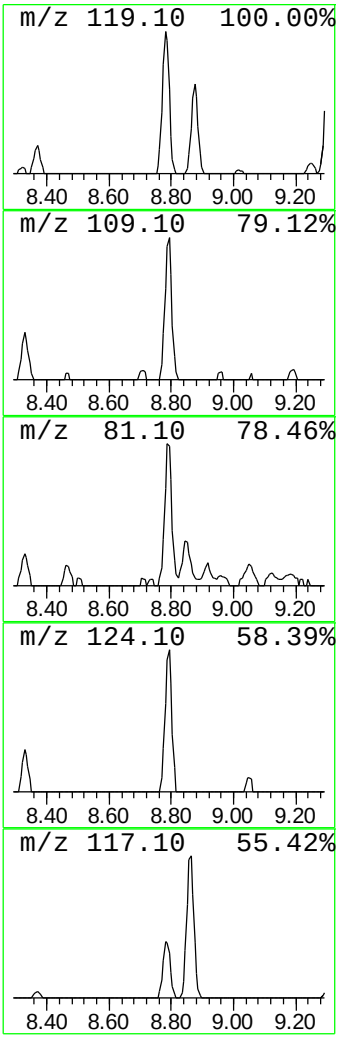
****

Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	9.67 ng	142664	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	46
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	46
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	46
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003803.D
Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

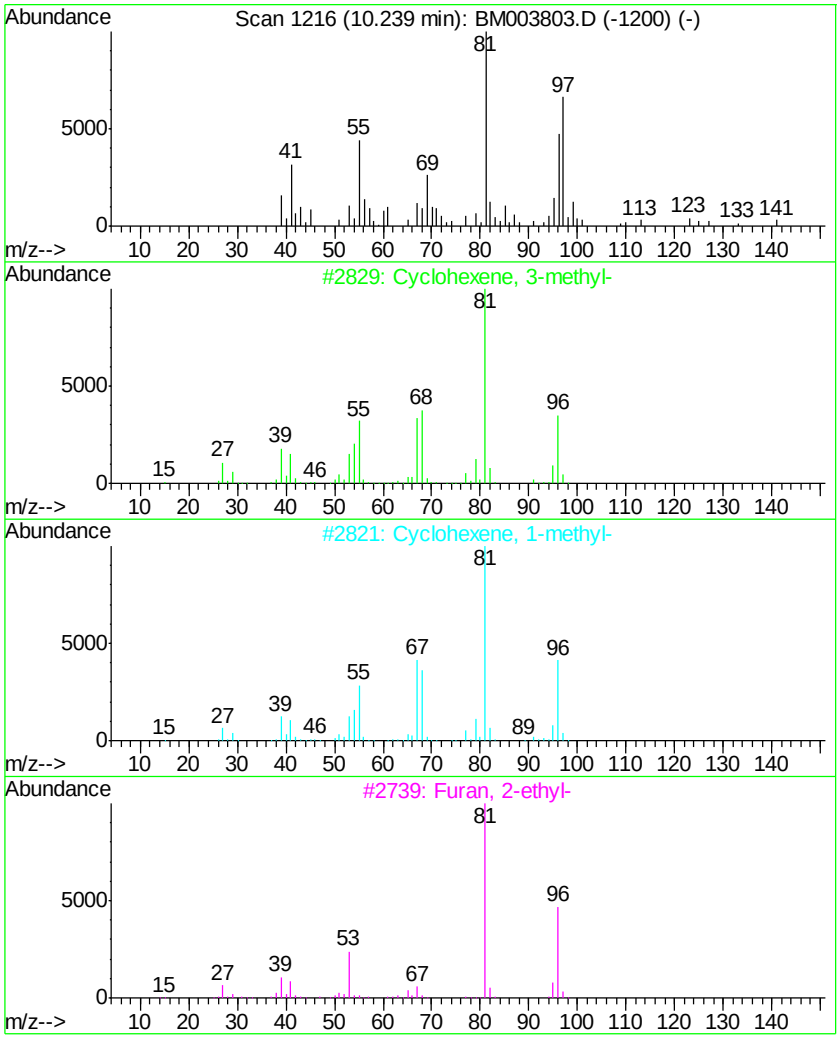
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

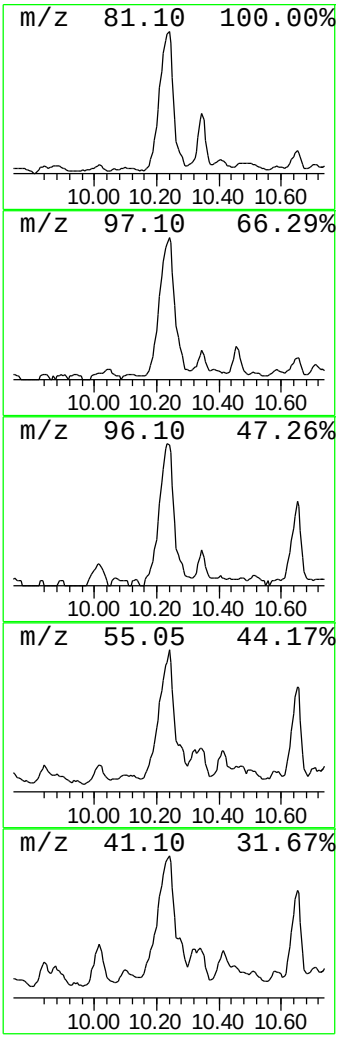
****

Peak Number 4 unknown10.24 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	17.52 ng	442813	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	47
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	47
3	Furan, 2-ethyl-	96	C6H8O	003208-16-0	47
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	47
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	47





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003803.D
Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

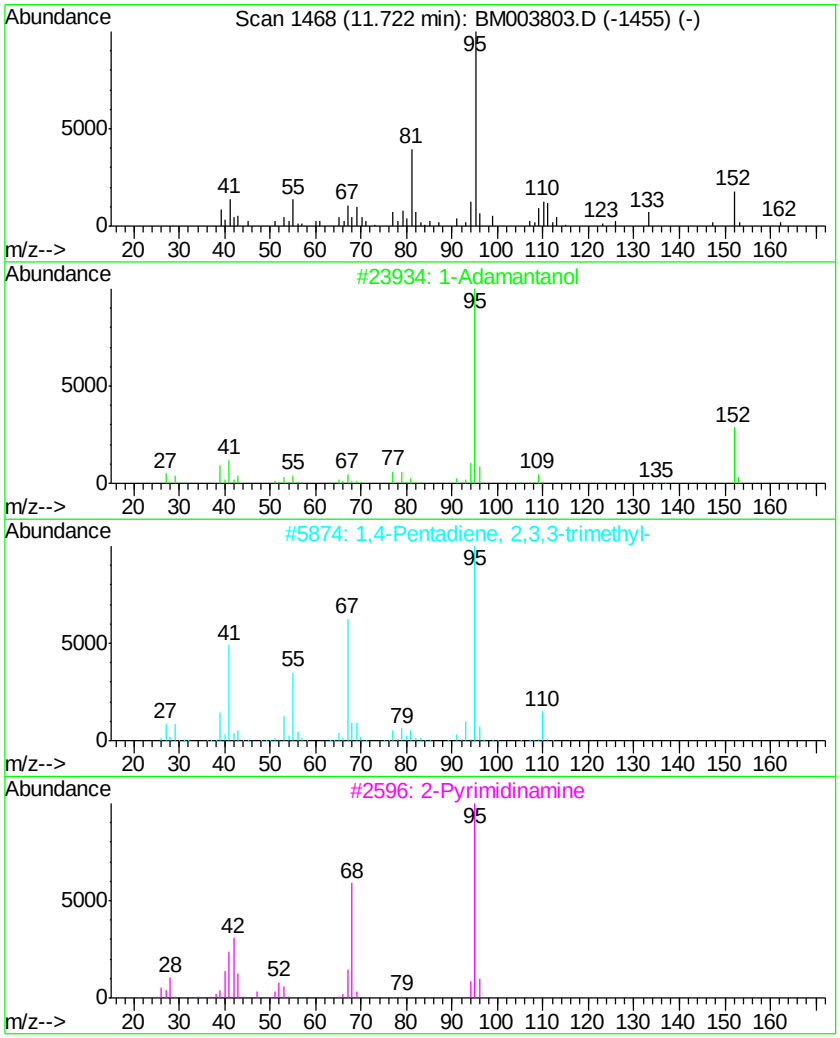
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

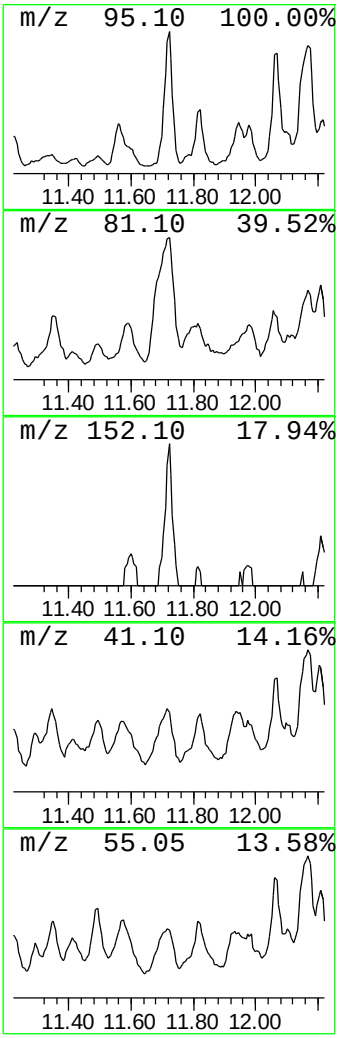
****

Peak Number 5 1-Adamantanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	8.58 ng	216918	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	58
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	49
3	2-Pyrimidinamine	95	C4H5N3	000109-12-6	47
4	1-Cyclohexyl-2,2-dimethyl-1-prop...	170	C11H22O	062039-14-9	43
5	2-Oxatricyclo[3.3.1.1(3,7)]decan...	152	C10H16O	006508-22-1	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003803.D
Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

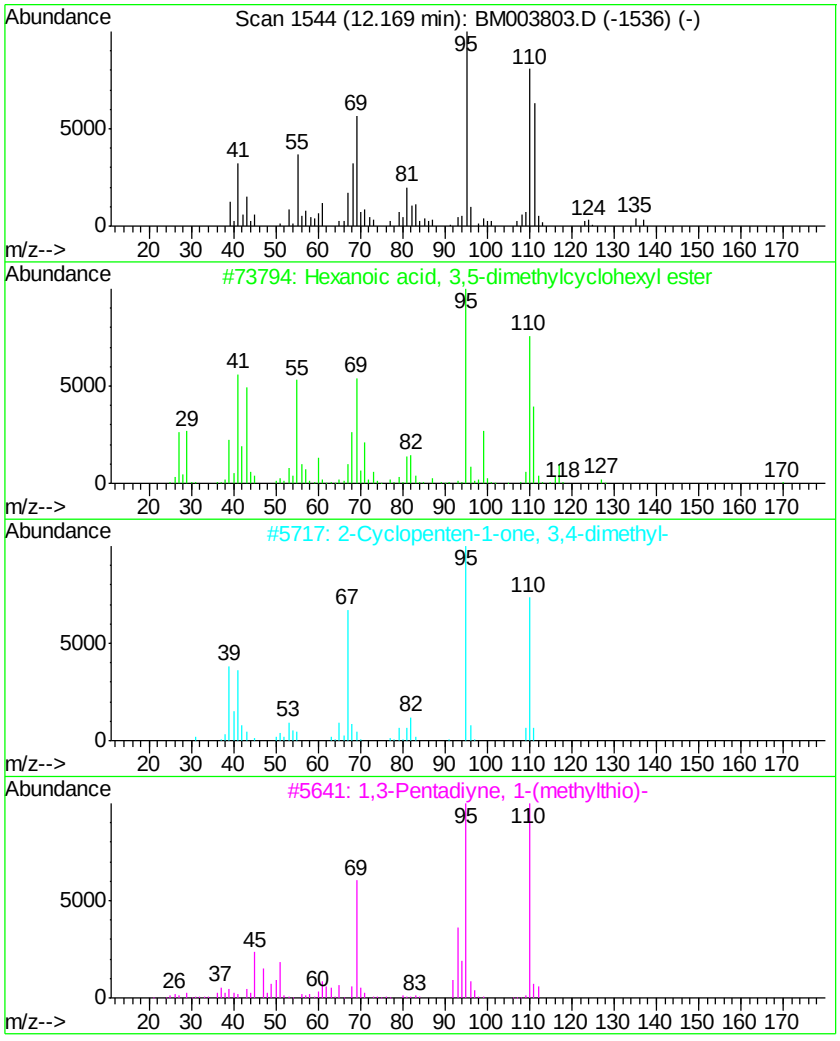
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

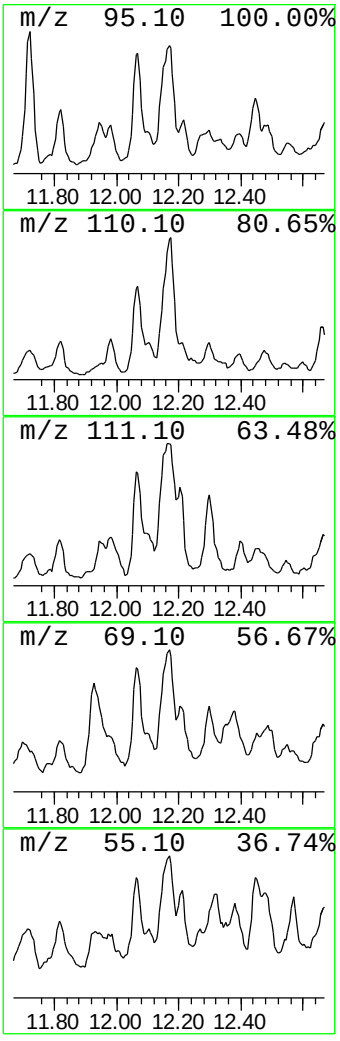
****

Peak Number 6 Hexanoic acid, 3,5-dimethyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	8.51 ng	215092	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5-dimethylcyclo...	226	C14H26O2	1000279-28-3	78
2	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	53
3	1,3-Pentadiyne, 1-(methylthio)-	110	C6H6S	042875-80-9	53
4	1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	53
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003803.D
Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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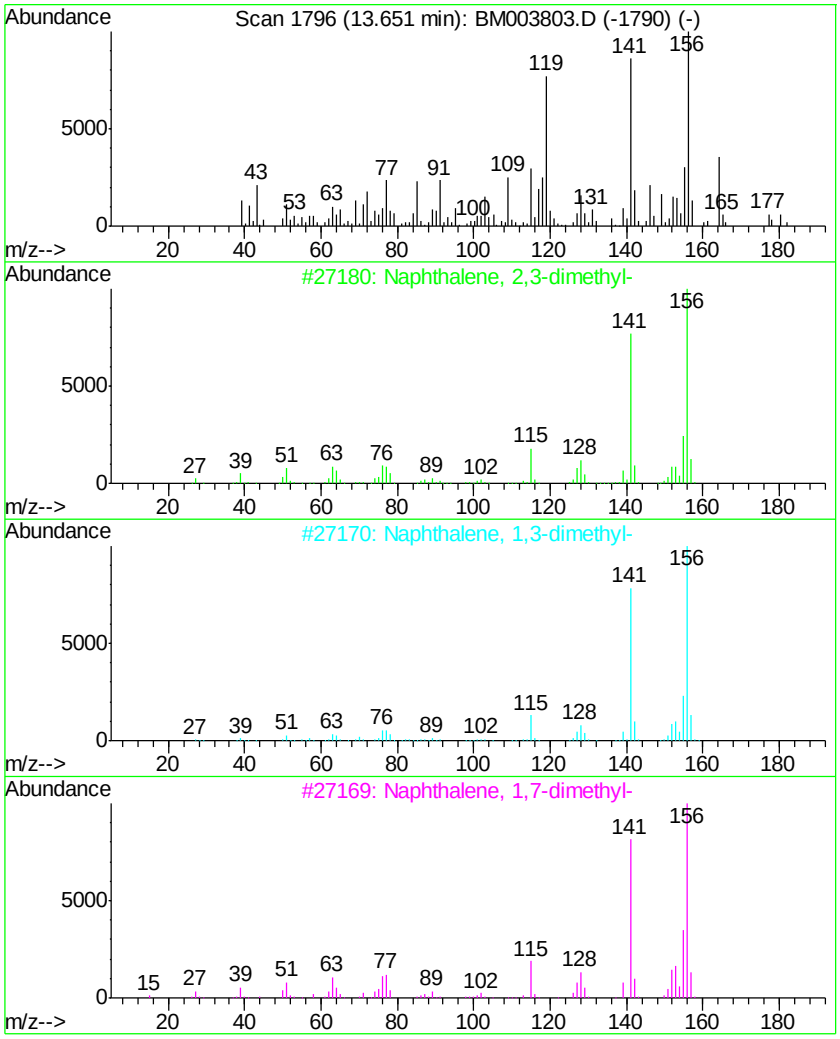
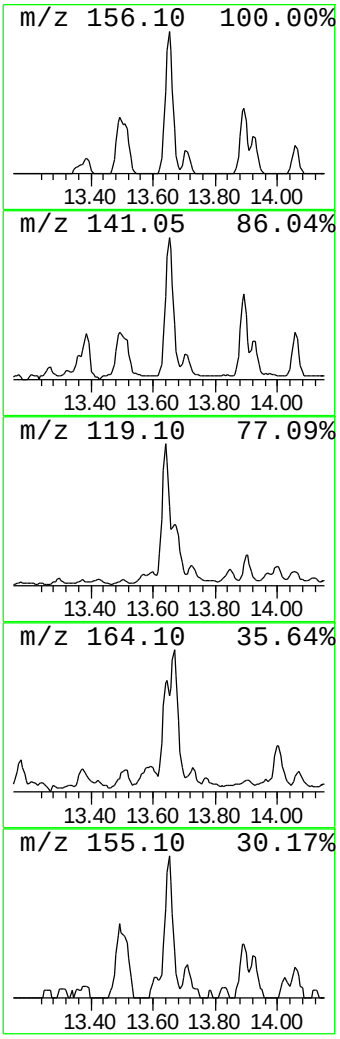
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	17.39 ng	533903	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89





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Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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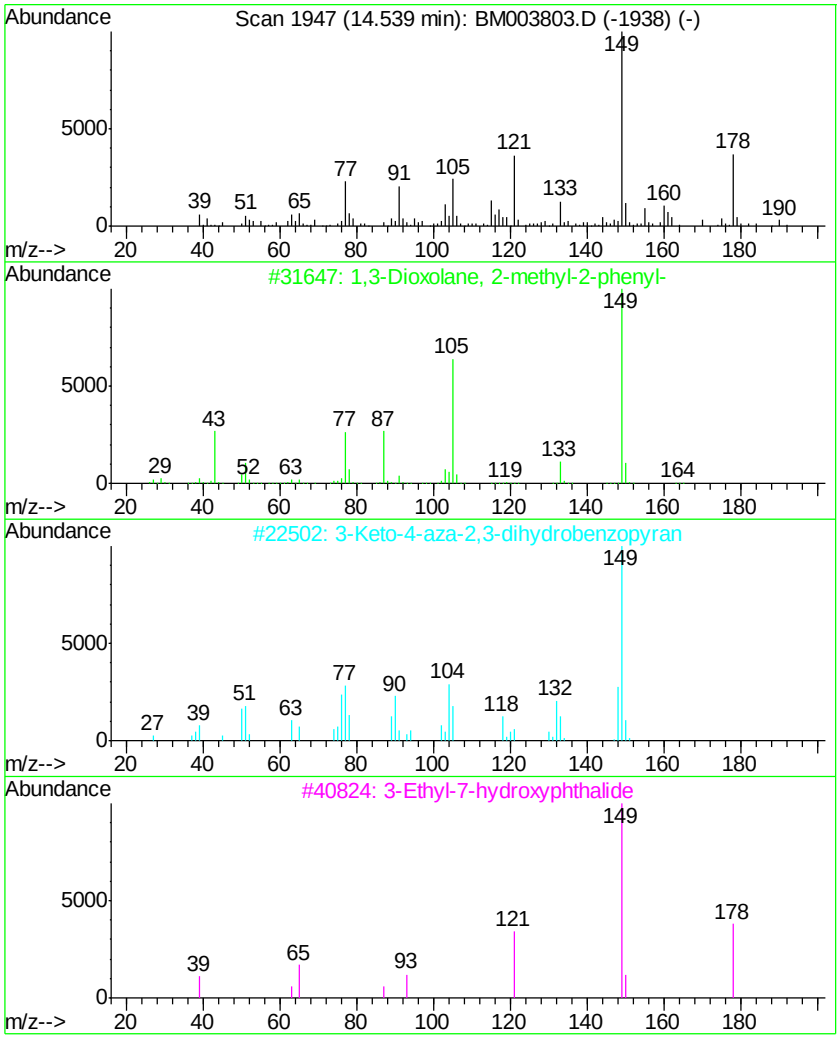
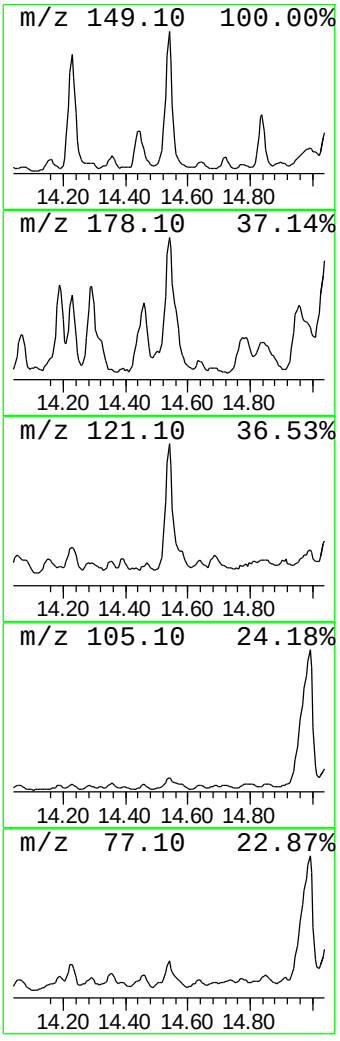
Peak Number 8 1,3-Dioxolane, 2-methyl-2-p... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	8.16 ng	250570	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-2-phenyl-	164	C10H12O2	003674-77-9	58
2	3-Keto-4-aza-2,3-dihydrobenzopyran	149	C8H7NO2	1000289-12-0	47
3	3-Ethyl-7-hydroxyphthalide	178	C10H10O3	000485-26-7	43
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	40
5	Benzoic acid, 4-(2,4-dichlorophe...	310	C15H12Cl2O3	1000294-38-1	38





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Sample : G4952-03
Misc :
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Instrument : BNA_M
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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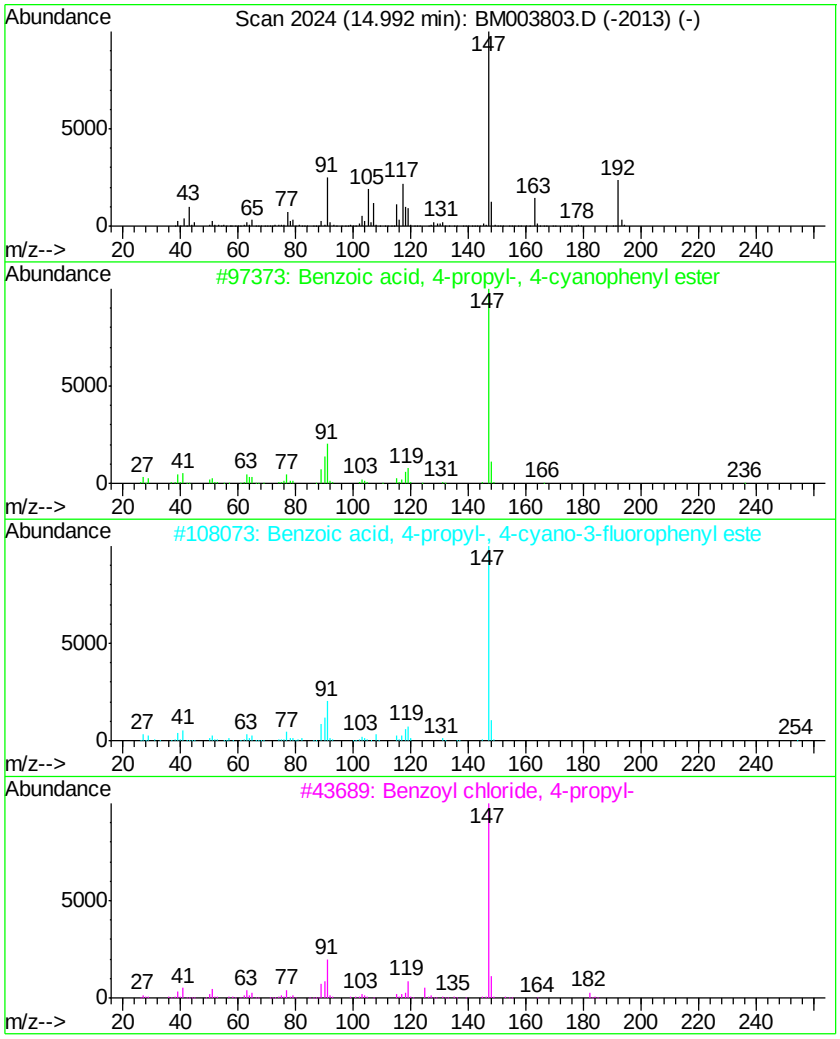
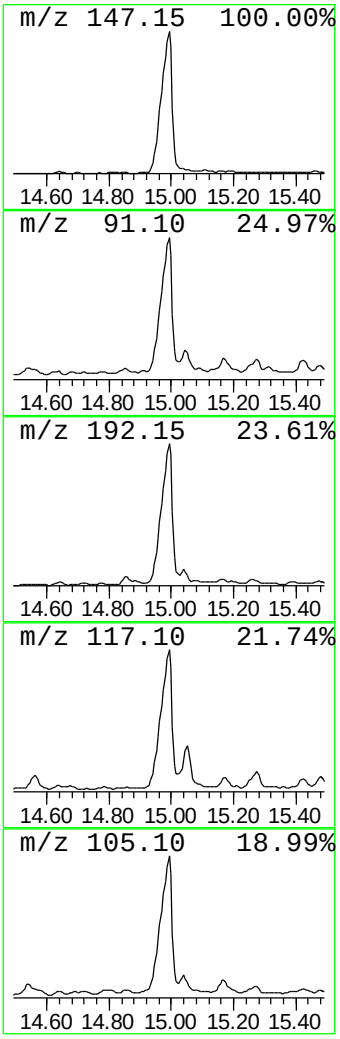
Peak Number 9 unknown14.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	103.18 ng	3168010	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	47
2	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	47
3	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	43
4	Benzoic acid, 2,4,6-trimethyl-, ...	282	C19H22O2	001504-38-7	38
5	1,3,5,6,7-Pentamethylbicyclo[3.2...	162	C12H18	003099-00-1	38





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Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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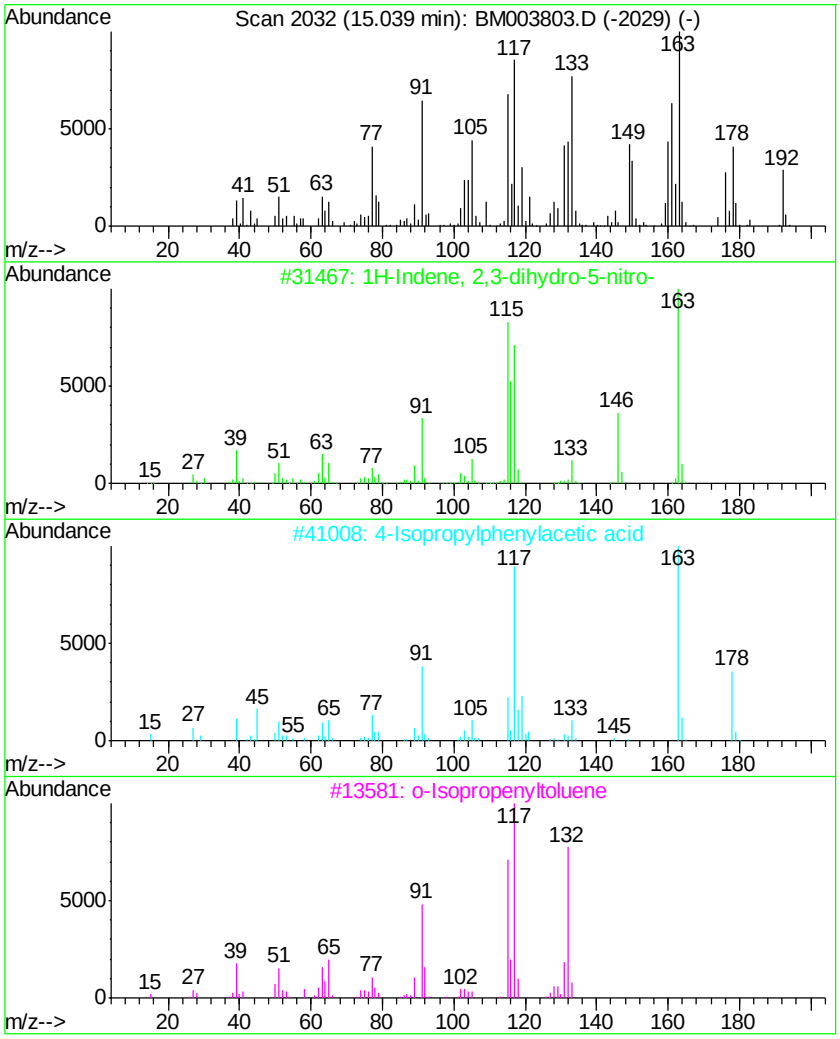
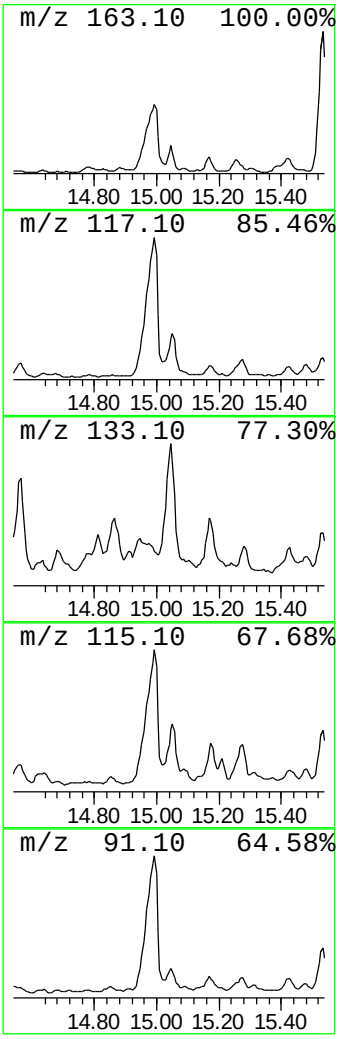
Peak Number 10 1H-Indene, 2,3-dihydro-5-ni... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	12.61 ng	387079	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	50
2	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	42
3	o-Isopropenyltoluene	132	C10H12	007399-49-7	38
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	38
5	4-Pentenoic acid, 5-phenyl-	176	C11H12O2	028525-69-1	35





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Acq On : 25 Dec 2015 06:53
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Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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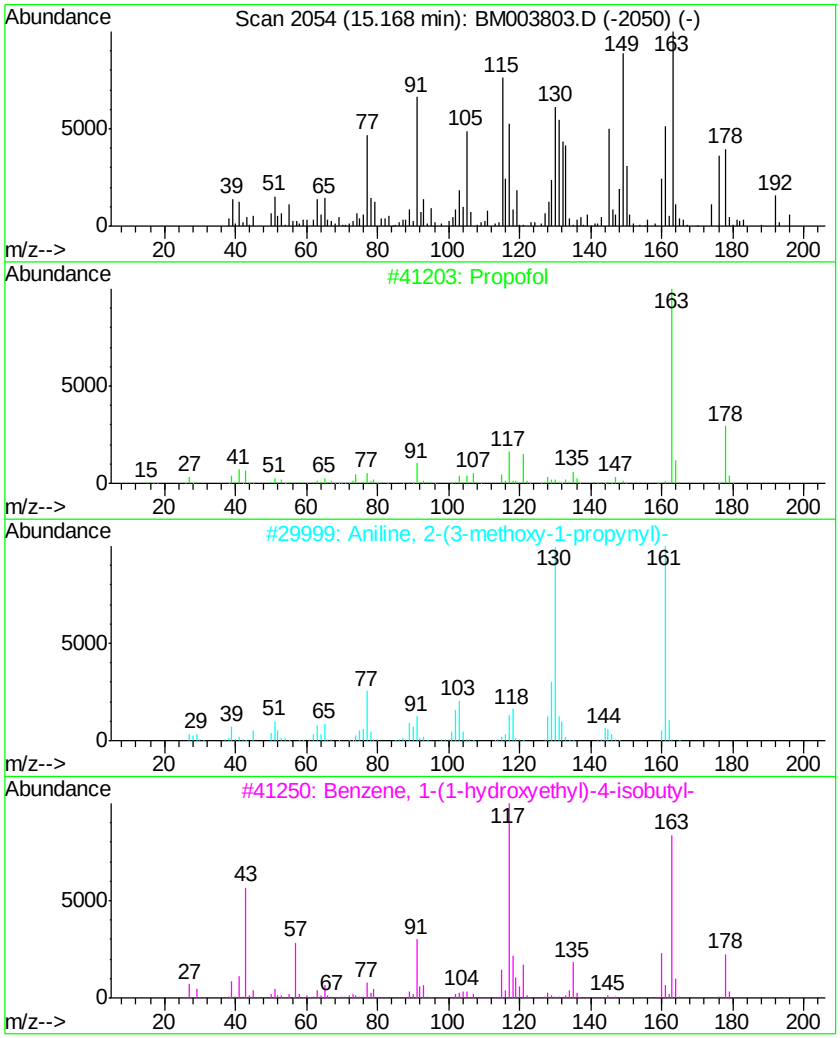
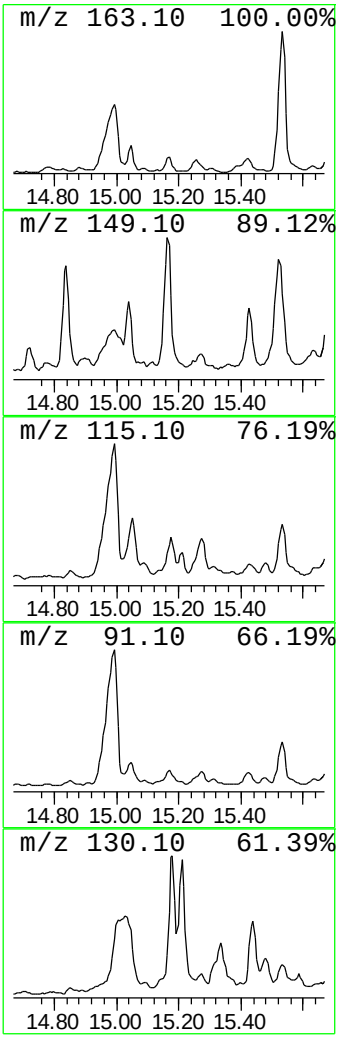
Peak Number 11 unknown15.17 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	8.93 ng	274132	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propofol	178	C12H18O	002078-54-8	30
2	Aniline, 2-(3-methoxy-1-propynyl)-	161	C10H11NO	142799-06-2	25
3	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	25
4	1,2-Naphthalenediol, 1-ethyl-1,2...	192	C12H16O2	056588-35-3	22
5	Pyridine, 2,6-epidioxy-5-ethyl-3...	178	C9H10N2O2	1000263-31-1	20





Library Search Compound Report

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Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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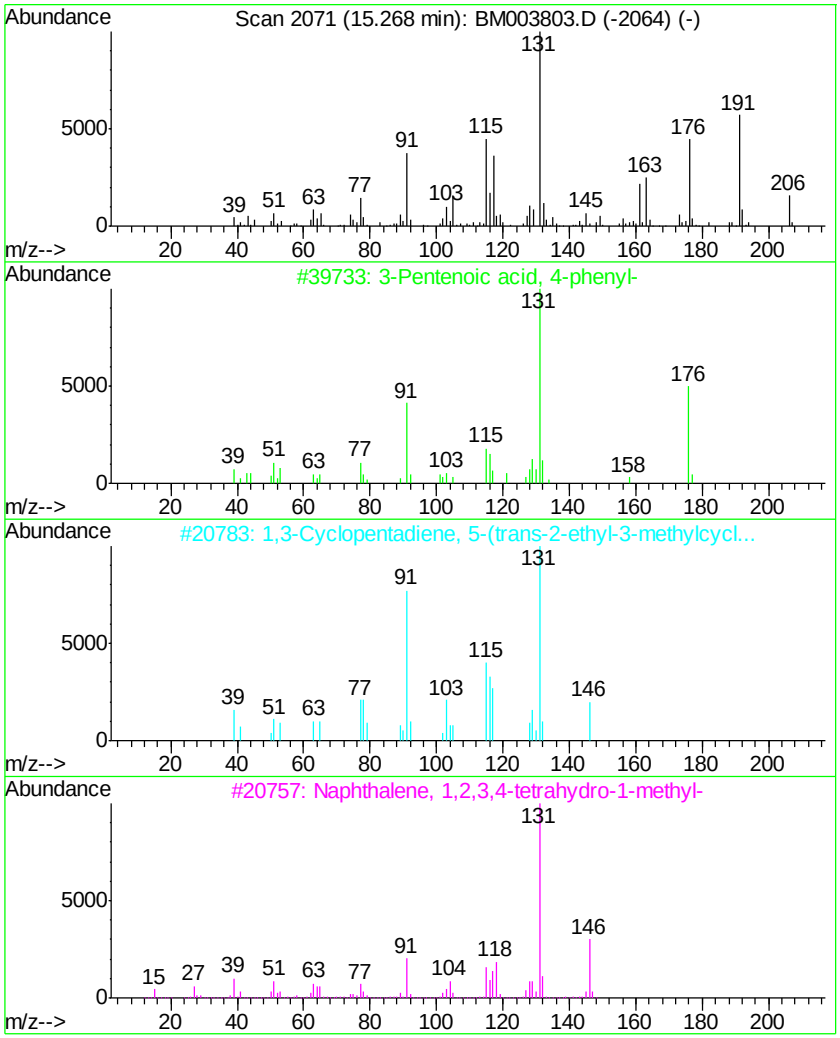
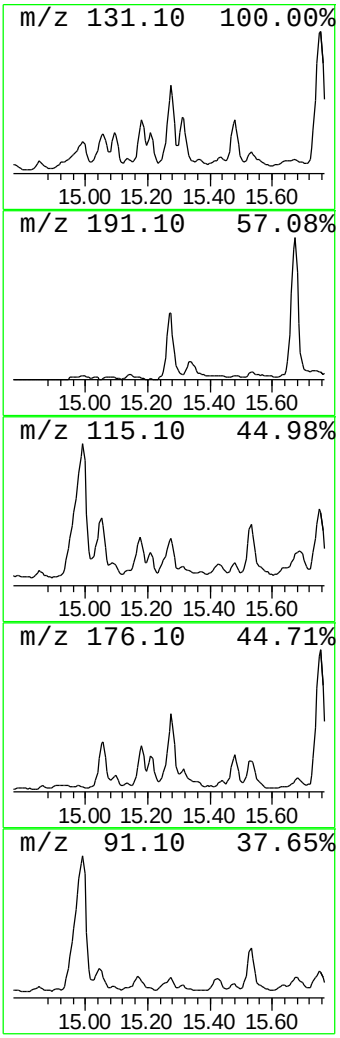
Peak Number 12 unknown15.27 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	9.68 ng	297254	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	43
2	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	35
4	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	27
5	Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	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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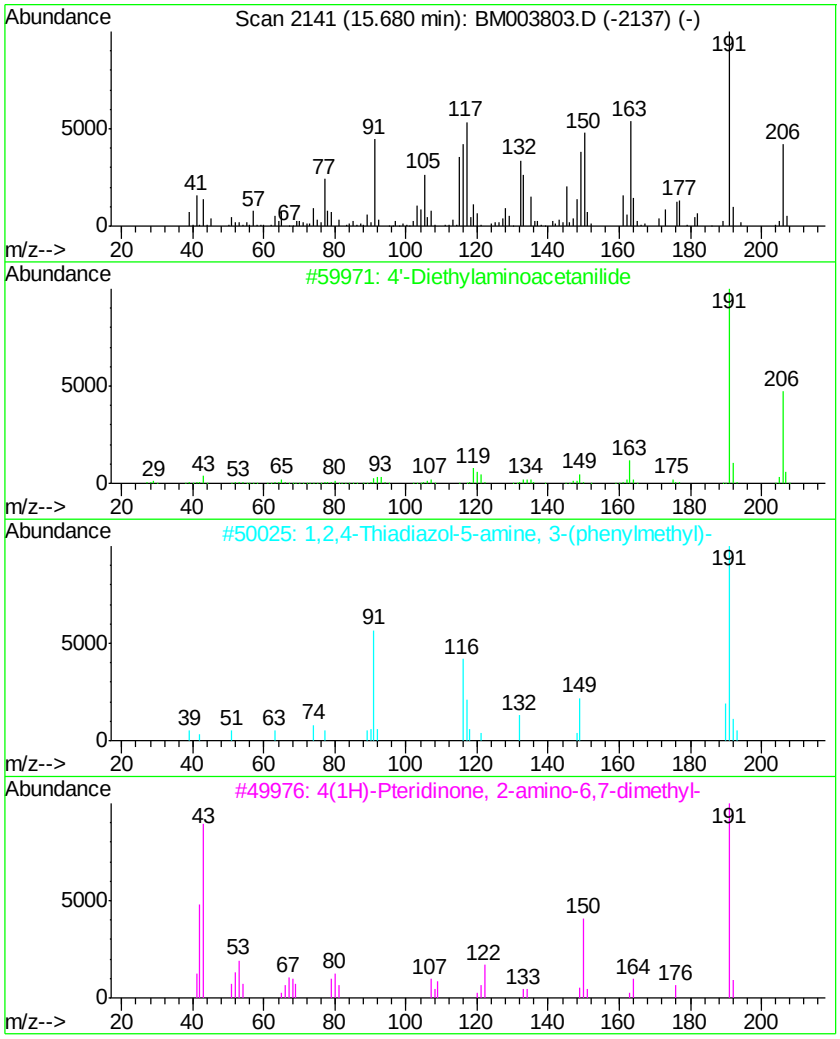
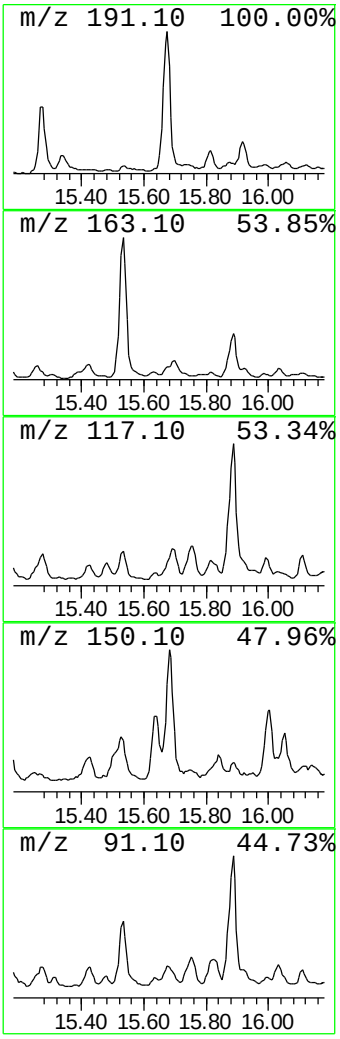
Peak Number 14 unknown15.68 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	10.37 ng	318472	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	30
2	1,2,4-Thiadiazol-5-amine, 3-(phe...	191	C9H9N3S	017467-27-5	30
3	4(1H)-Pteridinone, 2-amino-6,7-d...	191	C8H9N5O	000611-55-2	27
4	Benzeneacetic acid, 4-(1,1-dimet...	206	C13H18O2	003549-23-3	27
5	Thiazole, 2-amino-4-(p-aminophen...	191	C9H9N3S	003673-53-8	22





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Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

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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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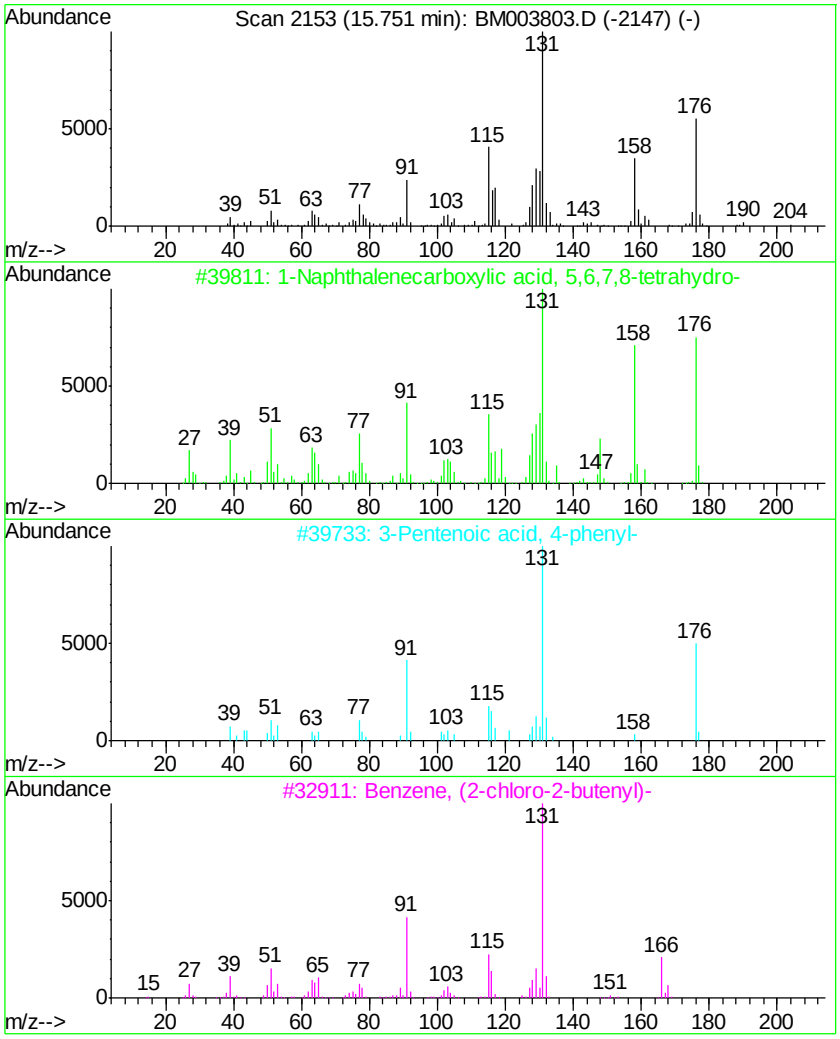
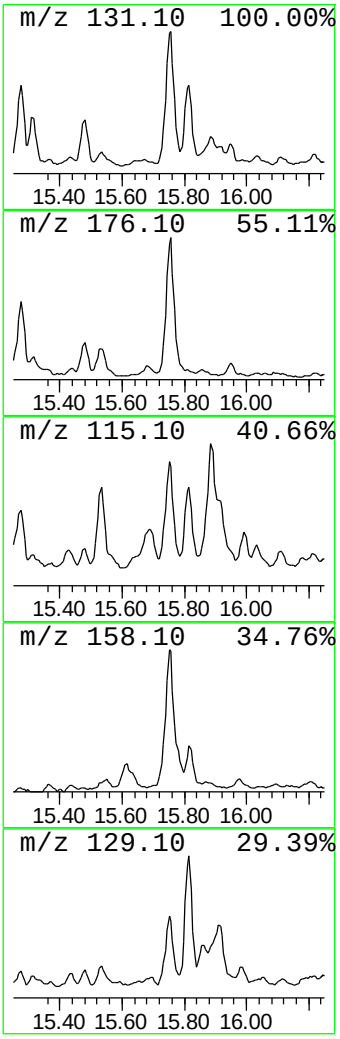
Peak Number 15 1-Naphthalenecarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	14.42 ng	472440	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	59
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	47
3	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	38
4	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	35
5	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	000103-36-6	35





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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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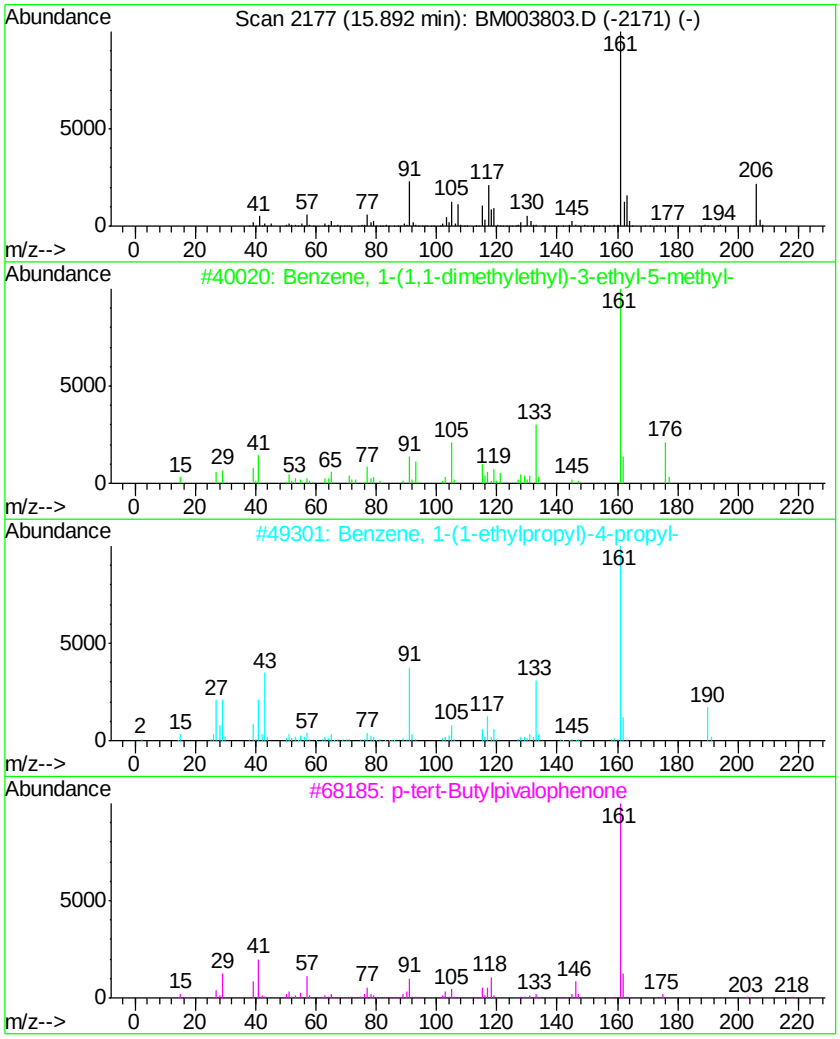
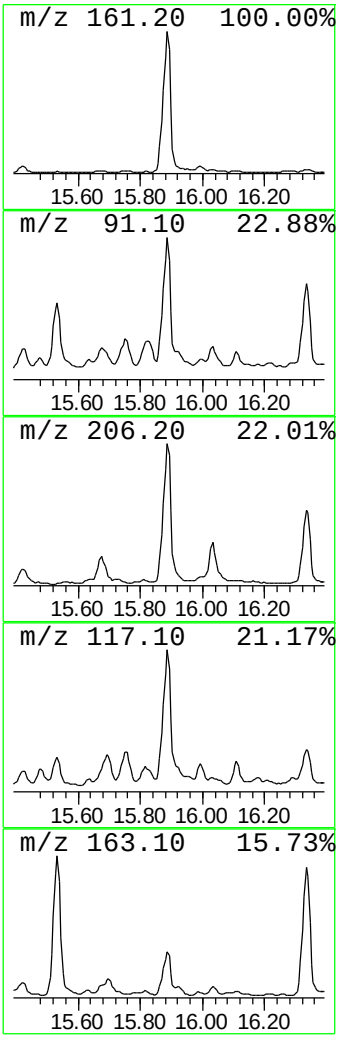
Peak Number 16 Benzene, 1-(1,1-dimethyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	33.10 ng	1084410	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-3...	176	C13H20	006630-01-9	50
2	Benzene, 1-(1-ethylpropyl)-4-pro...	190	C14H22	054789-16-1	47
3	p-tert-Butylpivalophenone	218	C15H22O	022583-66-0	47
4	2-(3-Thienyl)pyridine	161	C9H7NS	021298-55-5	43
5	p-n-Butylacetophenone	176	C12H16O	037920-25-5	43





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Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

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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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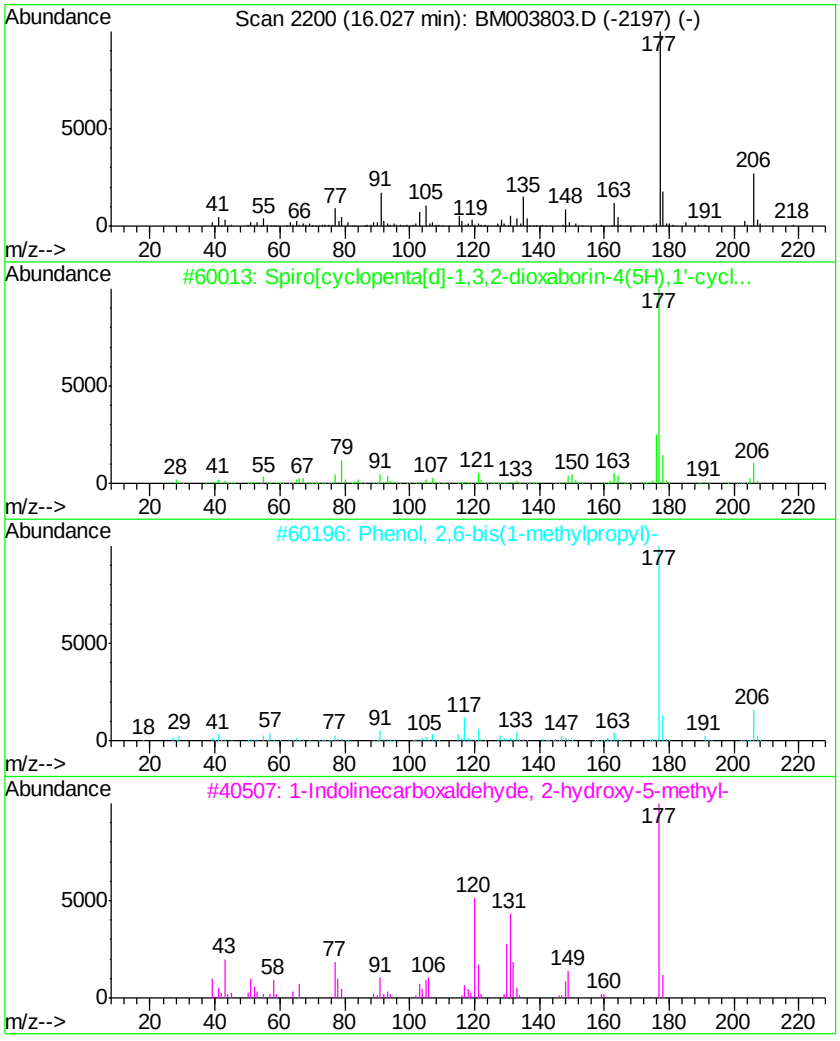
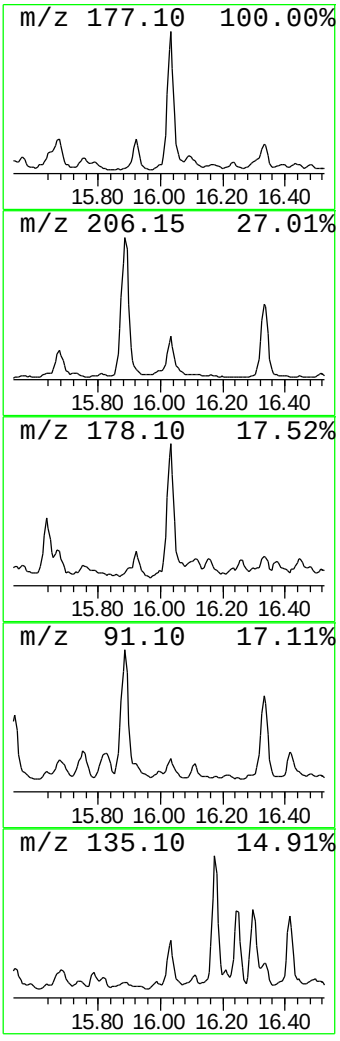
Peak Number 17 Spiro[cyclopenta[d]-1,3,2-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	7.77 ng	254638	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[cyclopenta[d]-1,3,2-dioxab...	206	C12H19BO2	062238-26-0	59
2	Phenol, 2,6-bis(1-methylpropyl)-	206	C14H22O	005510-99-6	45
3	1-Indolinecarboxaldehyde, 2-hydr...	177	C10H11NO2	013303-69-0	40
4	Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	39
5	2H-1-Benzopyran, 3,5,6,8a-tetrah...	192	C13H20O	041678-29-9	33





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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId : MW-13

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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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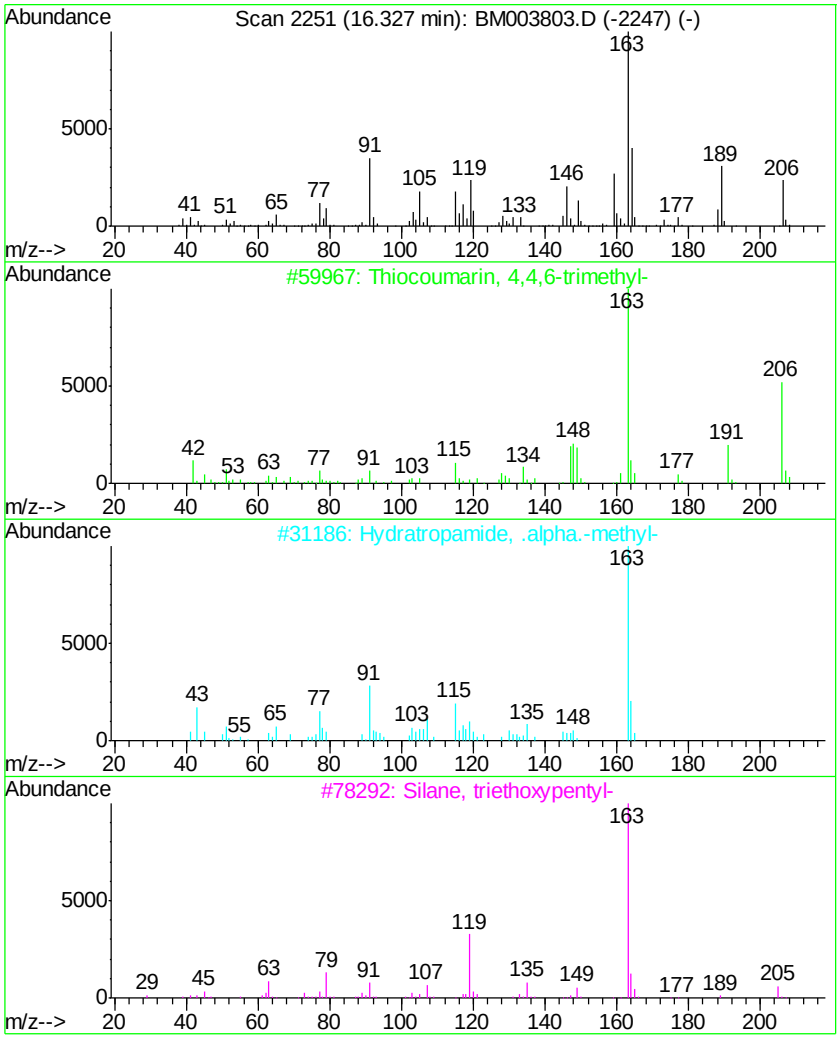
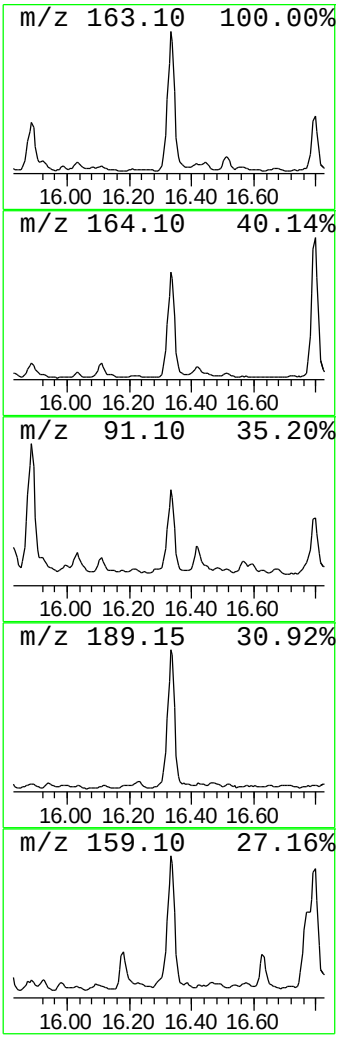
Peak Number 18 unknown16.33 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	29.29 ng	959491	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiocoumarin, 4,4,6-trimethyl-	206	C12H14OS	1000132-62-4	35
2	Hydratropamide, .alpha.-methyl-	163	C10H13NO	000826-54-0	35
3	Silane, triethoxypentyl-	234	C11H26O3Si	002761-24-2	25
4	Tyrosine, 3-tert-butyl-.alpha.-m...	251	C14H21NO3	032919-76-9	25
5	1,3-Dioxolane, 2-(bromomethyl)-2...	256	C11H13BrO2	024169-43-5	25





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ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
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TIC Library : C:\DATABASE\NIST02.L
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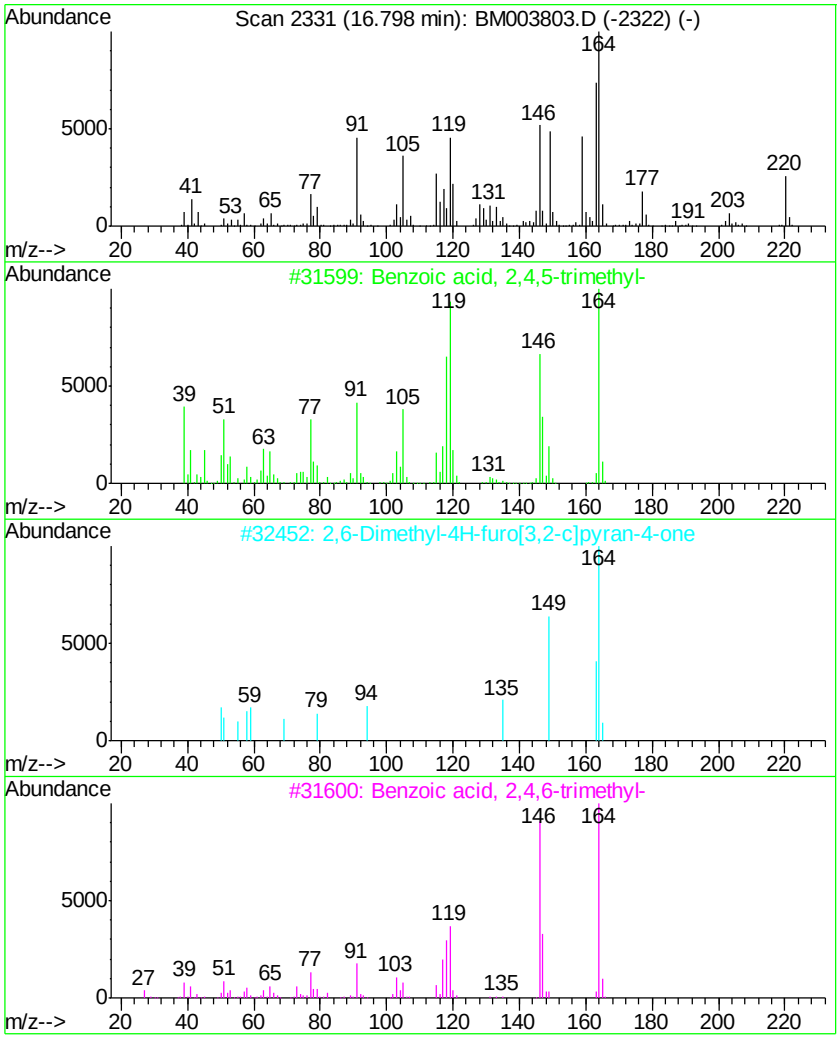
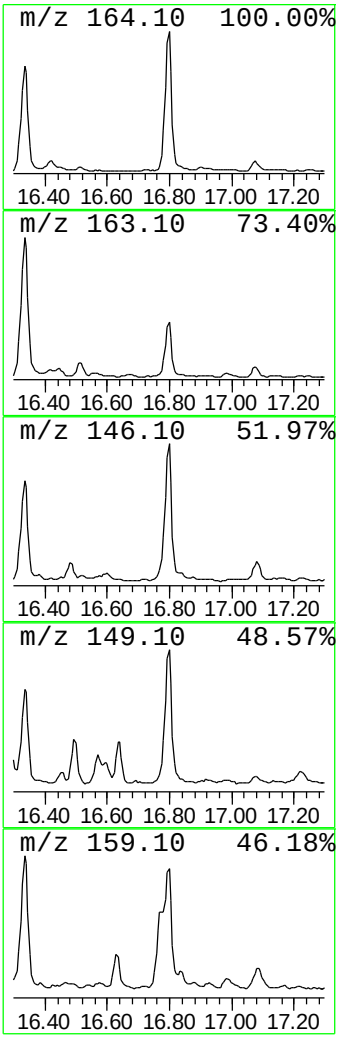
Peak Number 19 unknown16.80 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	33.26 ng	1089660	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	35
2	2,6-Dimethyl-4H-furo[3,2-c]pyran...	164	C9H8O3	087785-58-8	27
3	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	25
4	5-Benzothiazolamine, 2-methyl-	164	C8H8N2S	013382-43-9	22
5	3-Allyl-6-methoxyphenol	164	C10H12O2	000501-19-9	18





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003803.D
Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

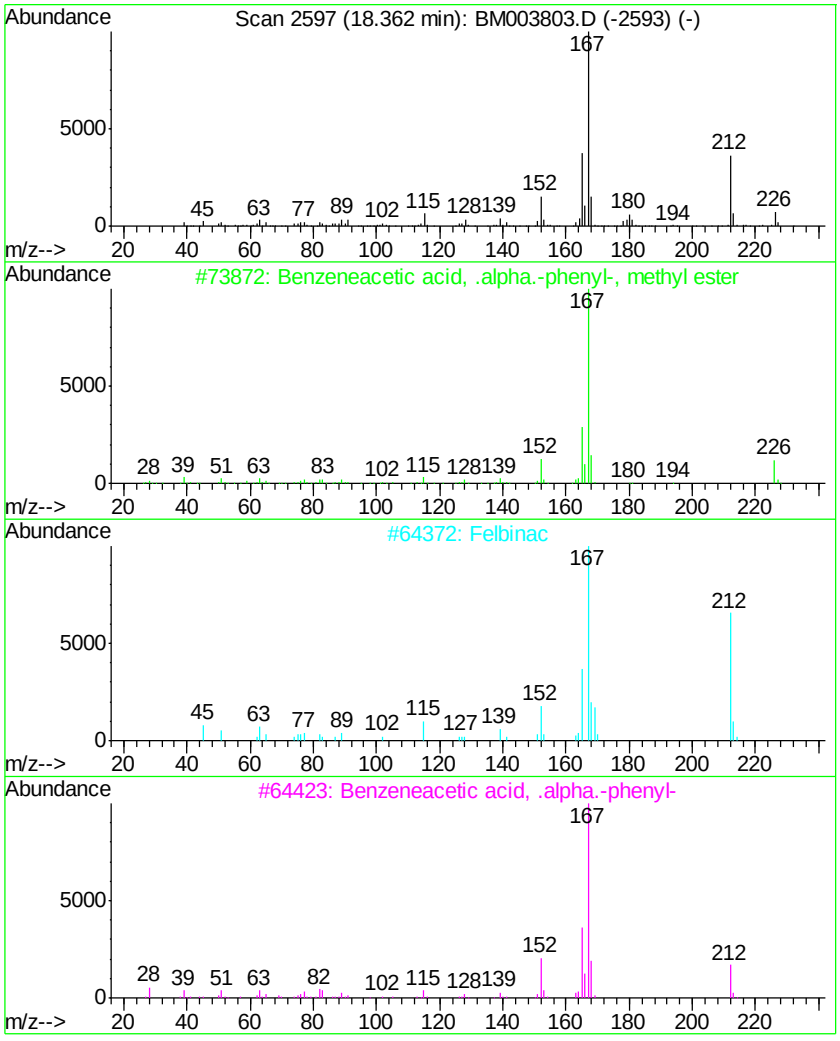
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

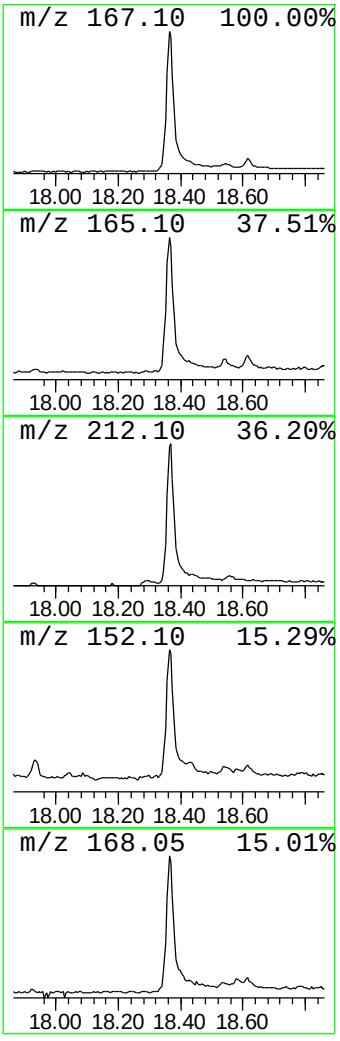
****

Peak Number 20 Benzeneacetic acid, .alpha.... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	11.82 ng	387065	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-phen...	226	C15H14O2	003469-00-9	95
2	Felbinac	212	C14H12O2	005728-52-9	91
3	Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	90
4	Benzenepropanoic acid, .beta.-ph...	226	C15H14O2	000606-83-7	74
5	Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122515\
Data File : BM003803.D
Acq On : 25 Dec 2015 06:53
Operator : UM/SJ
Sample : G4952-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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
unknown7.22	7.22	57.5	ng	848040	1	7.68	294988	20.0
Benzene, 1-ethyl-...	8.79	9.7	ng	142664	1	7.68	294988	20.0
unknown10.24	10.24	17.5	ng	442813	2	10.47	505629	20.0
1-Adamantanol	11.72	8.6	ng	216918	2	10.47	505629	20.0
Hexanoic acid, 3,...	12.17	8.5	ng	215092	2	10.47	505629	20.0
Naphthalene, 2,3-...	13.65	17.4	ng	533903	3	14.34	614079	20.0
1,3-Dioxolane, 2-...	14.54	8.2	ng	250570	3	14.34	614079	20.0
unknown14.99	14.99	103.2	ng	3168010	3	14.34	614079	20.0
1H-Indene, 2,3-di...	15.04	12.6	ng	387079	3	14.34	614079	20.0
unknown15.17	15.17	8.9	ng	274132	3	14.34	614079	20.0
unknown15.27	15.27	9.7	ng	297254	3	14.34	614079	20.0
unknown15.68	15.68	10.4	ng	318472	3	14.34	614079	20.0
1-Naphthalenecarb...	15.75	14.4	ng	472440	4	17.09	655147	20.0
Benzene, 1-(1,1-d...	15.89	33.1	ng	1084410	4	17.09	655147	20.0
Spiro[cyclopenta[...	16.03	7.8	ng	254638	4	17.09	655147	20.0
unknown16.33	16.33	29.3	ng	959491	4	17.09	655147	20.0
unknown16.80	16.80	33.3	ng	1089660	4	17.09	655147	20.0
Benzeneacetic aci...	18.36	11.8	ng	387065	4	17.09	655147	20.0