LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040340.D
Acq On : 4 Apr 2019 00:30
Operator : JU/SJ
Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.139	344	349	356	rBV	58558	92975	3.05%	0.181%
2	5.538	407	417	423	rBV	674400	1079788	35.37%	2.096%
3	5.603	423	428	434	rBV	394298	616464	20.19%	1.197%
4	6.044	495	503	511	rVB	85867	146799	4.81%	0.285%
5	6.520	574	584	591	rBV	124140	207686	6.80%	0.403%
6	7.201	692	700	709	rBV	263151	488695	16.01%	0.949%
7	7.577	757	764	771	rBV	745225	1279020	41.89%	2.483%
8	7.677	777	781	789	rVB	85051	145134	4.75%	0.282%
9	8.047	838	844	855	rBV	225214	389506	12.76%	0.756%
10	8.370	891	899	903	rBV	674417	1205792	39.49%	2.341%
11	8.417	903	907	917	rVB	1147579	1894646	62.05%	3.679%
12	8.582	928	935	944	rBV	388519	675011	22.11%	1.311%
13	9.034	1007	1012	1018	rBV	53013	94678	3.10%	0.184%
14	9.134	1022	1029	1037	rVV6	62248	149280	4.89%	0.290%
15	9.222	1037	1044	1051	rVV2	651130	1159836	37.99%	2.252%
16	9.404	1067	1075	1081	rVB	431919	729475	23.89%	1.416%
17	9.528	1089	1096	1102	rVV	584368	1329633	43.55%	2.582%
18	9.587	1102	1106	1112	rVV	99665	170253	5.58%	0.331%
19	10.209	1205	1212	1215	rBV	64737	118012	3.87%	0.229%
20	10.256	1215	1220	1228	rVV6	94318	221509	7.25%	0.430%
21	10.333	1228	1233	1247	rVB5	77907	253598	8.31%	0.492%
22	10.491	1252	1260	1267	rBV6	35901	97170	3.18%	0.189%
23	10.862	1317	1323	1327	rBV	275122	524124	17.17%	1.018%
24	10.914	1327	1332	1341	rVV	1522411	2929504	95.95%	5.688%
25	10.997	1341	1346	1348	rVV	149137	238093	7.80%	0.462%
26	11.038	1348	1353	1359	rVV	451214	858456	28.12%	1.667%
27	11.437	1416	1421	1430	rVV	186735	355035	11.63%	0.689%
28	11.678	1457	1462	1467	rBV	142067	240952	7.89%	0.468%
29	11.737	1467	1472	1483	rVB6	94279	220106	7.21%	0.427%
30	11.837	1483	1489	1491	rBV2	59823	95429	3.13%	0.185%
31	11.872	1491	1495	1499	rVV	69197	106058	3.47%	0.206%
32	11.925	1499	1504	1508	rVV	131002	216275	7.08%	0.420%
33	11.972	1508	1512	1521	rVB2	188442	363200	11.90%	0.705%
34	12.184	1539	1548	1553	rBV2	73513	147147	4.82%	0.286%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.242	1553	1558	1566	rVB3	143936	250460	8.20%	0.486%
36	12.354	1566	1577	1581	rBV2	62154	145788	4.77%	0.283%
37	12.436	1588	1591	1596	rVB	127495	181980	5.96%	0.353%
38	12.730	1630	1641	1648	rVB	677562	1300636	42.60%	2.525%
39	12.818	1648	1656	1660	rBV	189436	317281	10.39%	0.616%
40	12.865	1660	1664	1669	rVB	94446	129475	4.24%	0.251%
41	12.930	1669	1675	1680	rBV3	52015	106327	3.48%	0.206%
42	13.012	1685	1689	1695	rBV	78038	129164	4.23%	0.251%
43	13.088	1695	1702	1709	rBV2	182363	364672	11.94%	0.708%
44	13.188	1716	1719	1726	rVB4	132709	228222	7.47%	0.443%
45	13.300	1732	1738	1744	rVV	1380688	2110388	69.12%	4.097%
46	13.464	1761	1766	1769	rBV	147912	229183	7.51%	0.445%
47	13.588	1782	1787	1797	rVB3	72807	166749	5.46%	0.324%
48	13.741	1803	1813	1820	rBV3	357949	692380	22.68%	1.344%
49	13.811	1820	1825	1831	rBV5	268604	541844	17.75%	1.052%
50	13.864	1831	1834	1839	rVB3	195940	293410	9.61%	0.570%
51	13.929	1839	1845	1852	rBV3	654561	1087038	35.60%	2.111%
52	13.999	1852	1857	1864	rBV6	180963	369535	12.10%	0.717%
53	14.128	1874	1879	1882	rBV2	102440	150108	4.92%	0.291%
54	14.164	1882	1885	1890	rVV	180410	255163	8.36%	0.495%
55	14.228	1890	1896	1899	rVV4	127008	220737	7.23%	0.429%
56	14.263	1899	1902	1907	rVV2	85303	152814	5.01%	0.297%
57	14.393	1919	1924	1932	rVB4	199925	395017	12.94%	0.767%
58	14.616	1956	1962	1966	rBV3	129020	238776	7.82%	0.464%
59	14.681	1967	1973	1978	rVB2	441464	721037	23.62%	1.400%
60	14.745	1978	1984	1988	rVB	463299	730279	23.92%	1.418%
61	14.816	1988	1996	2001	rBV	339909	612476	20.06%	1.189%
62	14.945	2013	2018	2025	rBV3	105423	233449	7.65%	0.453%
63	15.074	2036	2040	2046	rVB	230339	324262	10.62%	0.630%
64	15.297	2072	2078	2082	rBV7	130892	257505	8.43%	0.500%
65	15.450	2100	2104	2108	rBV4	74049	128293	4.20%	0.249%
66	15.556	2117	2122	2127	rBV2	169093	299527	9.81%	0.582%
67	15.721	2145	2150	2158	rVB2	302492	556324	18.22%	1.080%
68	15.797	2159	2163	2167	rBV6	62695	115003	3.77%	0.223%
69	15.873	2168	2176	2180	rBV2	234212	523960	17.16%	1.017%
70	15.926	2181	2185	2186	rBV	117524	148210	4.85%	0.288%
71	16.102	2210	2215	2219	rBV	297412	540111	17.69%	1.049%

LSC Area Percent Report

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Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
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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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.167	2219	2226	2235	rVB3	1226307	2287936	74.94%	4.442%
73	16.396	2260	2265	2273	rVV2	270284	612594	20.06%	1.189%
74	16.602	2298	2300	2305	rVB2	112315	139197	4.56%	0.270%
75	16.690	2306	2315	2325	rBV3	537479	1814522	59.43%	3.523%
76	16.778	2326	2330	2334	rVB	89201	141147	4.62%	0.274%
77	17.207	2399	2403	2407	rVB	78328	113437	3.72%	0.220%
78	17.289	2410	2417	2423	rVV2	269135	664087	21.75%	1.289%
79	17.372	2427	2431	2435	rVV	491723	667763	21.87%	1.296%
80	17.424	2435	2440	2444	rVV2	589578	870149	28.50%	1.689%
81	17.466	2444	2447	2455	rVB	318481	501925	16.44%	0.975%
82	17.554	2457	2462	2469	rVV2	247908	492479	16.13%	0.956%
83	17.659	2476	2480	2486	rVB	170979	265897	8.71%	0.516%
84	17.795	2498	2503	2504	rBV2	177164	262637	8.60%	0.510%
85	17.830	2505	2509	2515	rVB	506402	892897	29.24%	1.734%
86	18.294	2585	2588	2592	rBV3	207674	304092	9.96%	0.590%
87	18.670	2650	2652	2659	rVB3	200852	263209	8.62%	0.511%
88	19.557	2800	2803	2809	rVB6	88266	153825	5.04%	0.299%
89	20.027	2877	2883	2890	rVB	2287746	3053204	100.00%	5.928%
90	20.151	2901	2904	2912	rVB4	72092	133945	4.39%	0.260%
91	20.926	3032	3036	3043	rVB	207525	318891	10.44%	0.619%
92	21.302	3096	3100	3108	rVB2	96649	178715	5.85%	0.347%
93	21.696	3161	3167	3174	rBV2	676562	1107893	36.29%	2.151%
94	22.442	3291	3294	3301	rVB	67895	102270	3.35%	0.199%
95	23.141	3408	3413	3421	rVB	109932	197388	6.46%	0.383%
96	23.952	3545	3551	3560	rVB	106854	227684	7.46%	0.442%
97	24.904	3707	3713	3717	rBV2	93815	216175	7.08%	0.420%
98	24.974	3718	3725	3736	rVB2	388108	1086478	35.58%	2.109%
99	26.038	3899	3906	3915	rVB3	69310	198878	6.51%	0.386%
100	27.407	4132	4139	4152	rVB4	42060	149641	4.90%	0.291%

Sum of corrected areas: 51505877

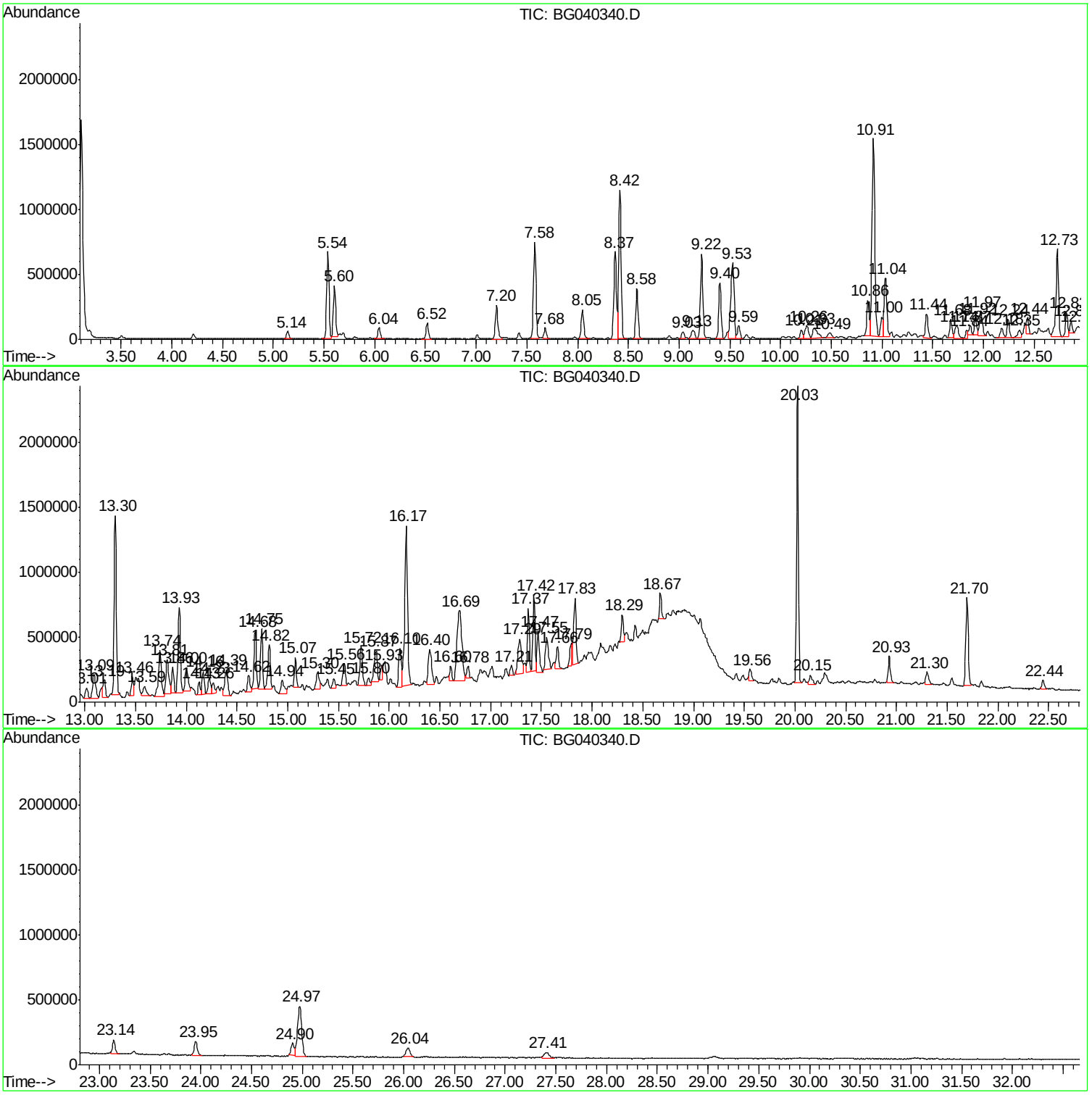
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040340.D
Acq On : 4 Apr 2019 00:30
Operator : JU/SJ
Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

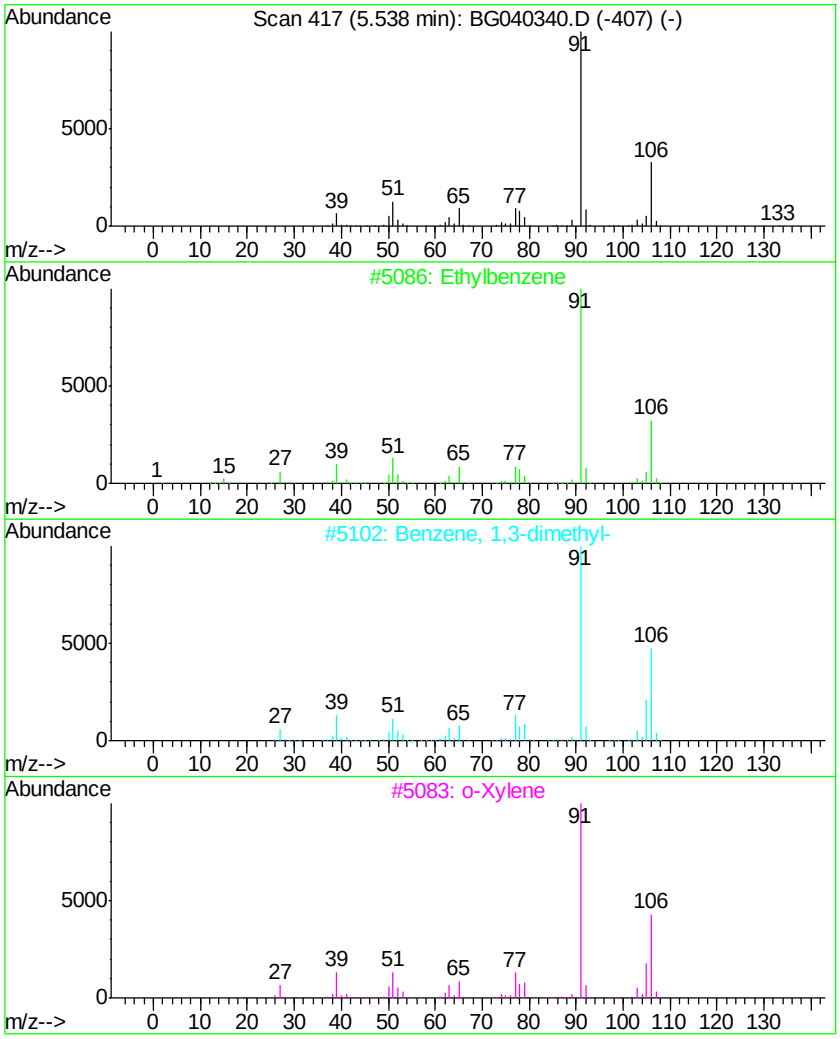
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

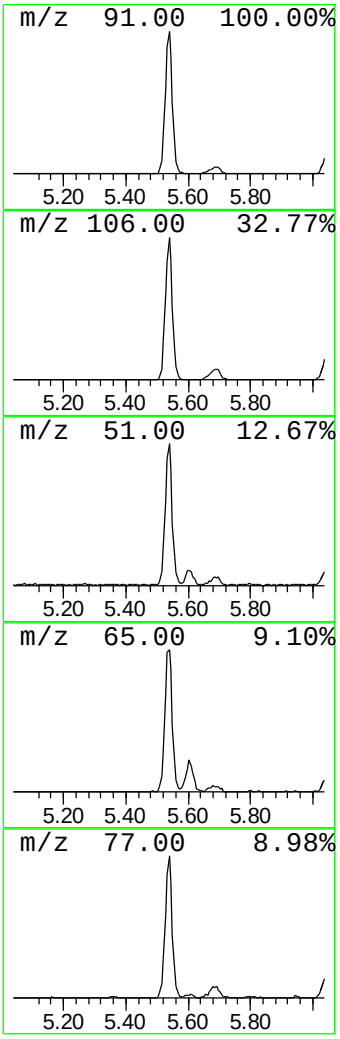
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	55.44 ng	1079790	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	81
3	o-Xylene	106	C8H10	000095-47-6	74
4	p-Xylene	106	C8H10	000106-42-3	72
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	53





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

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

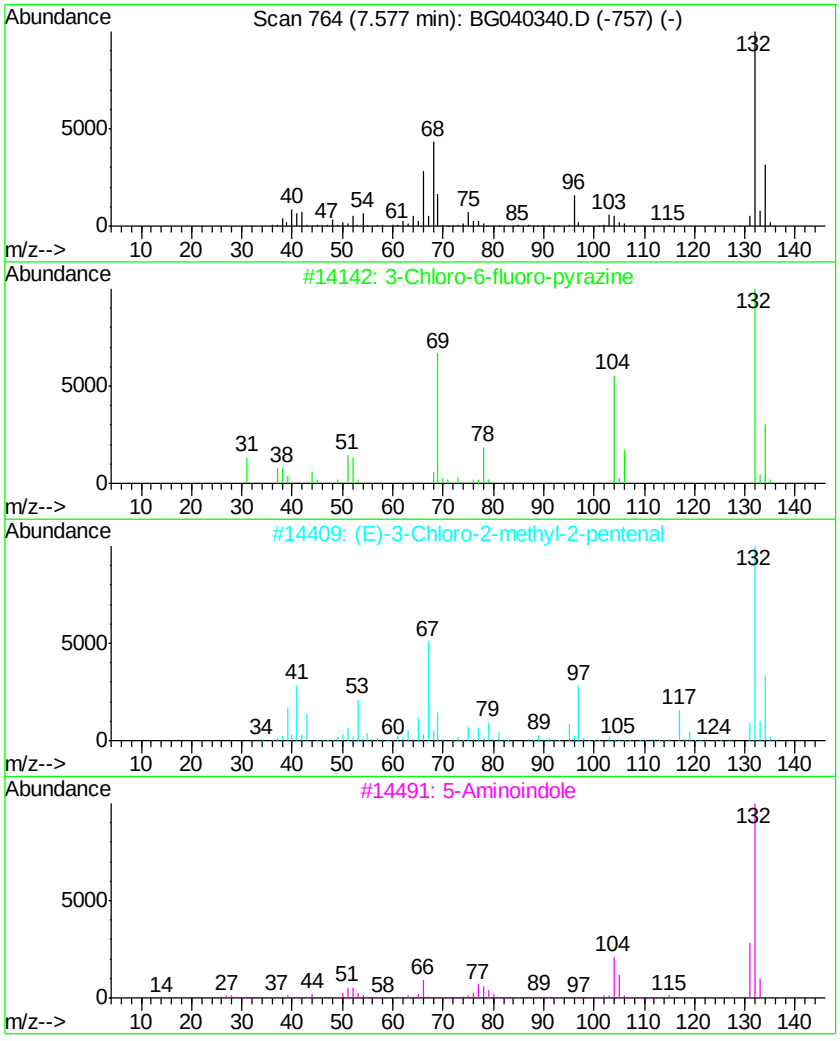
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

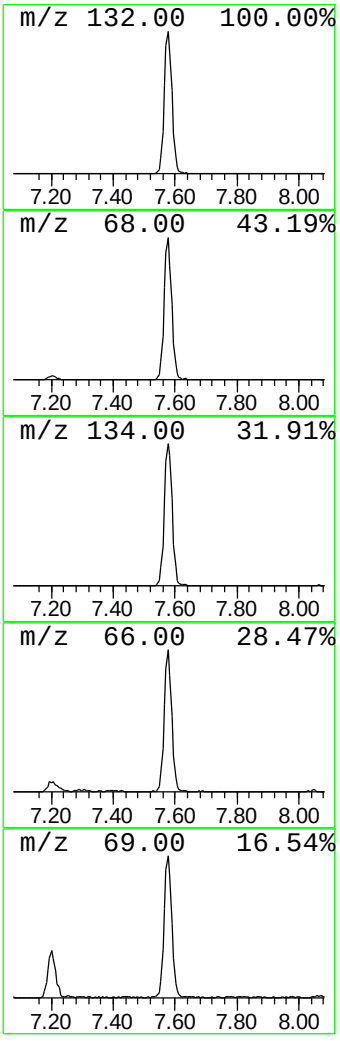
****

Peak Number 2 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	65.67 ng	1279020	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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TIC Library : C:\Database\NIST11.L
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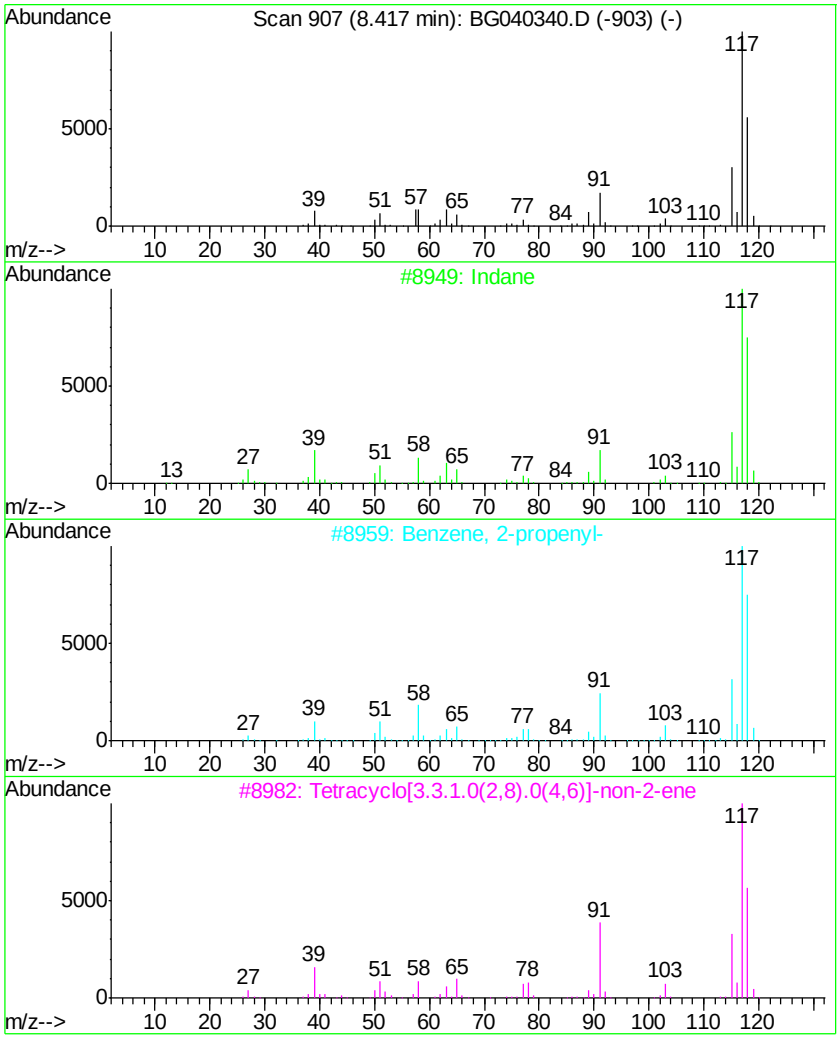
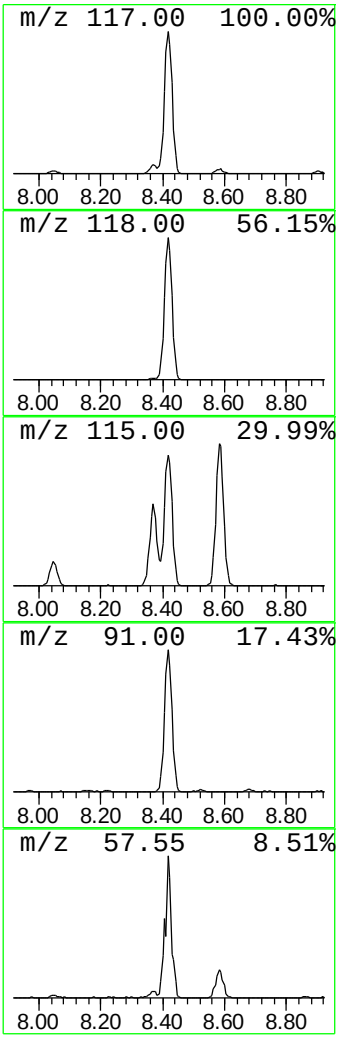
****

Peak Number 4 Benzene, 2-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	97.28 ng	1894650	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

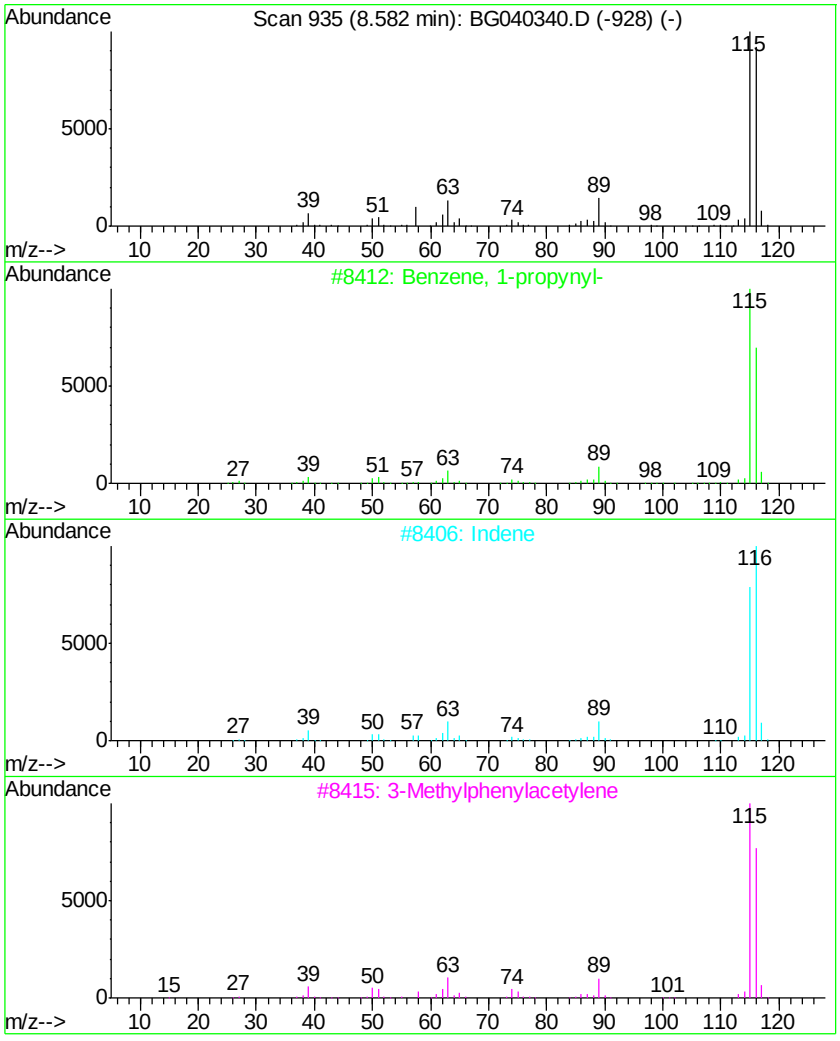
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

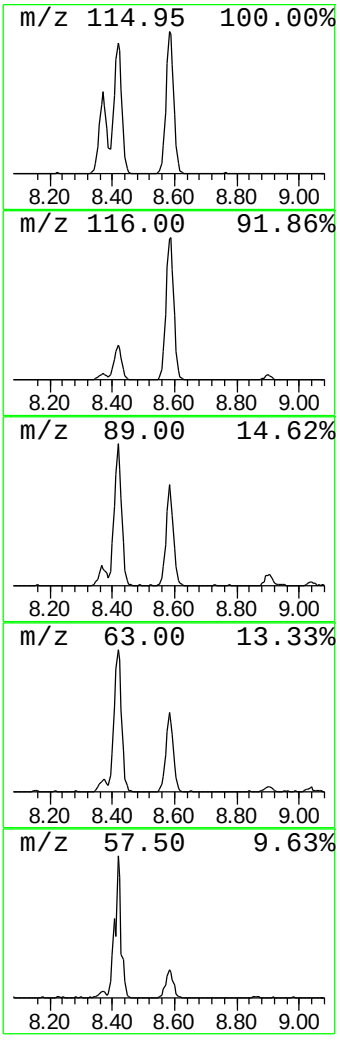
****

Peak Number 5 Benzene, 1-propynyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	34.66 ng	675011	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Indene	116	C9H8	000095-13-6	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

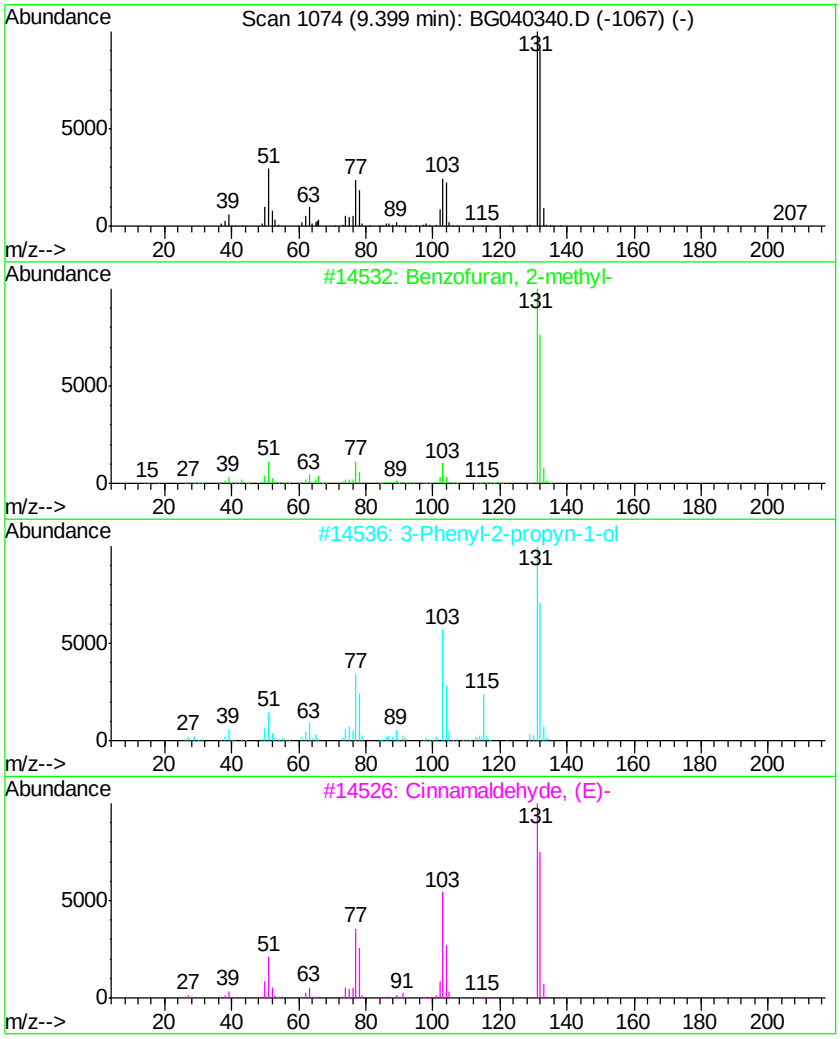
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

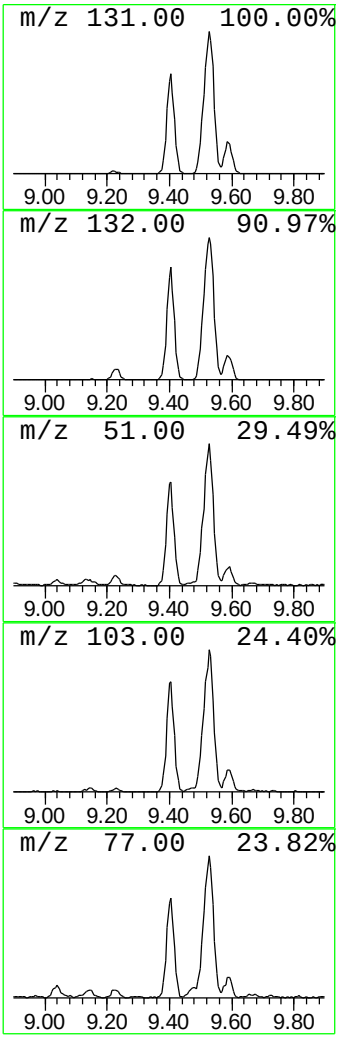
****

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	37.46 ng	729475	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5	1H-Indenol	132	C9H8O	056631-57-3	87





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Acq On : 4 Apr 2019 00:30
Operator : JU/SJ
Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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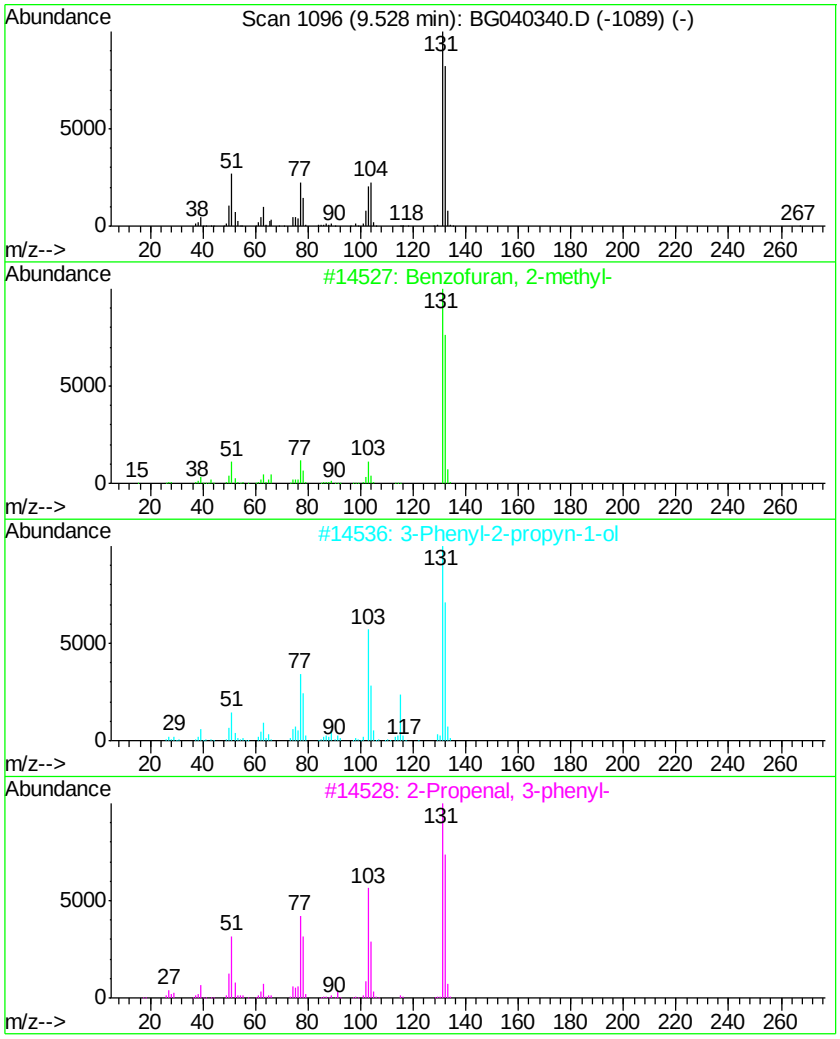
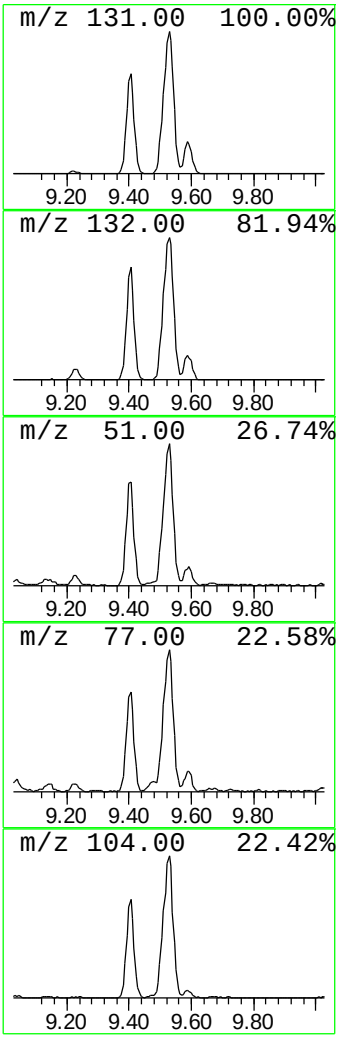
Peak Number 7 3-Phenyl-2-propyn-1-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	50.74 ng	1329630	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
4	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	87
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





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Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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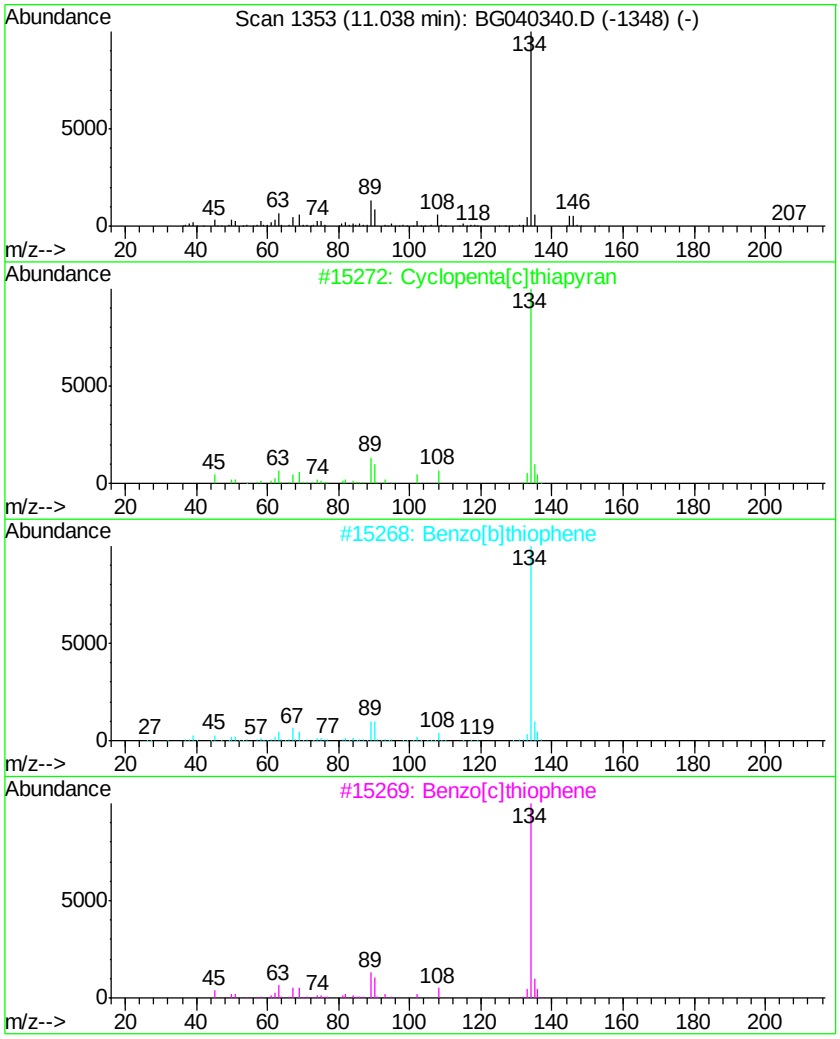
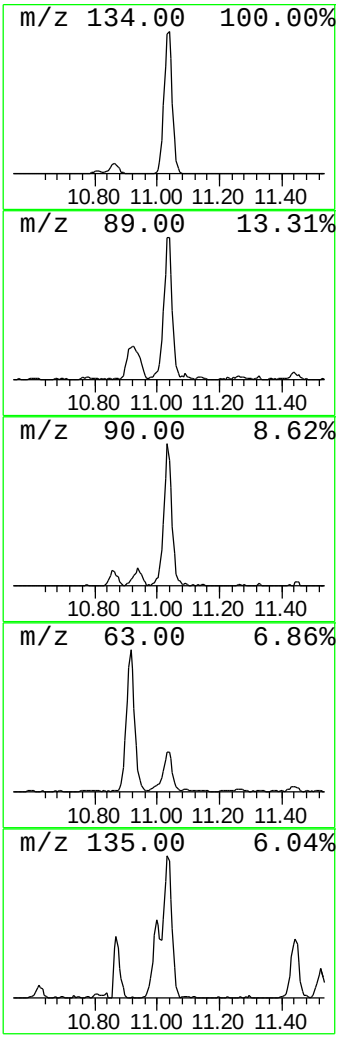
Peak Number 8 Cyclopenta[c]thiapyran Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	32.76 ng	858456	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	80
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	80
4	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	64
5	Pyrimidine, 2,4,6-trifluoro-	134	C4HF3N2	000696-82-2	38





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Operator : JU/SJ
Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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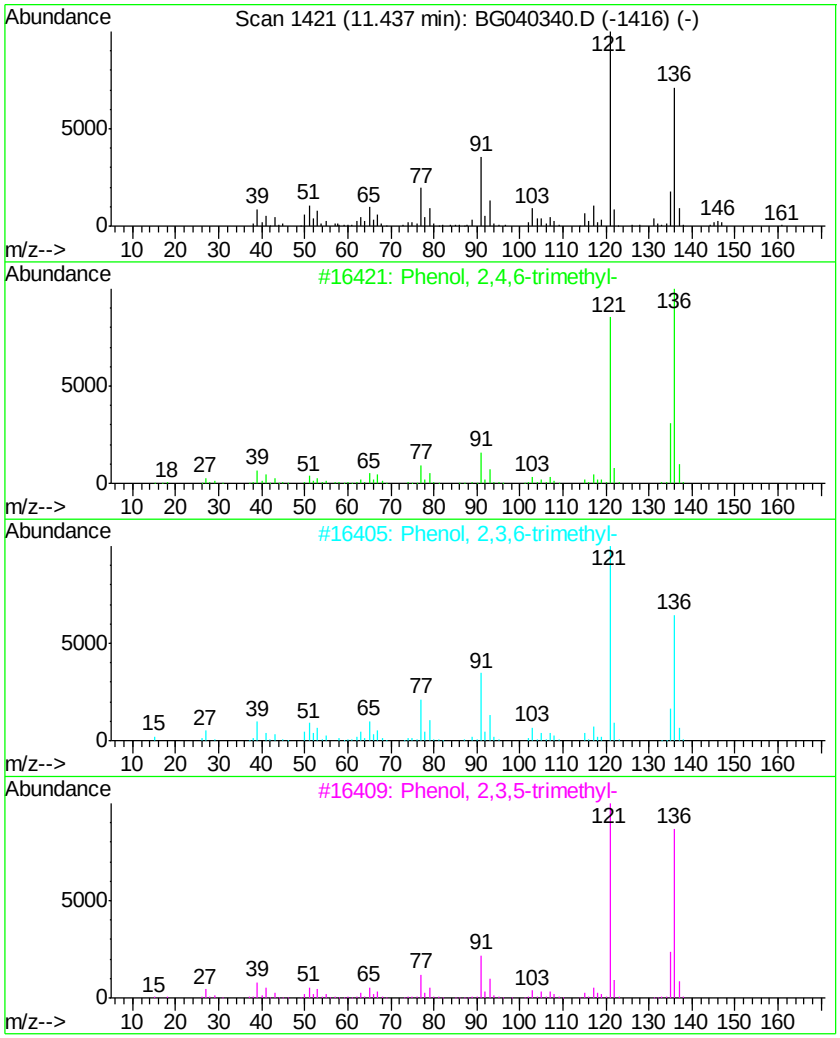
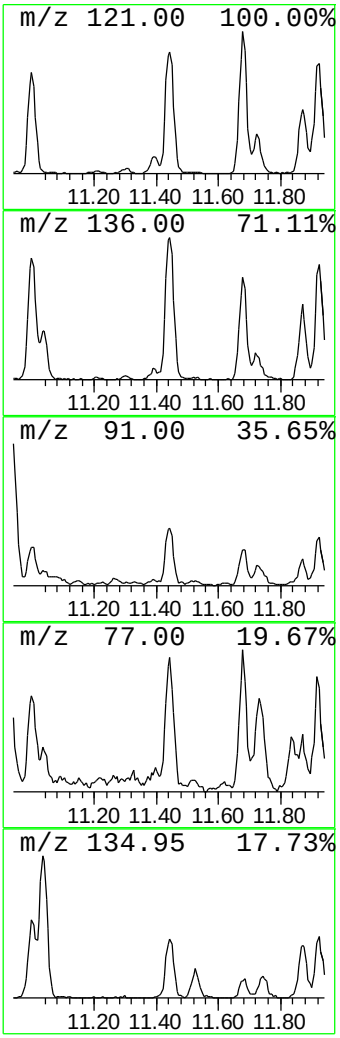
Peak Number 9 Phenol, 2,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	13.55 ng	355035	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	97
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	96
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	93
4	2,4-Dimethylanisole	136	C9H12O	006738-23-4	90
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90





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Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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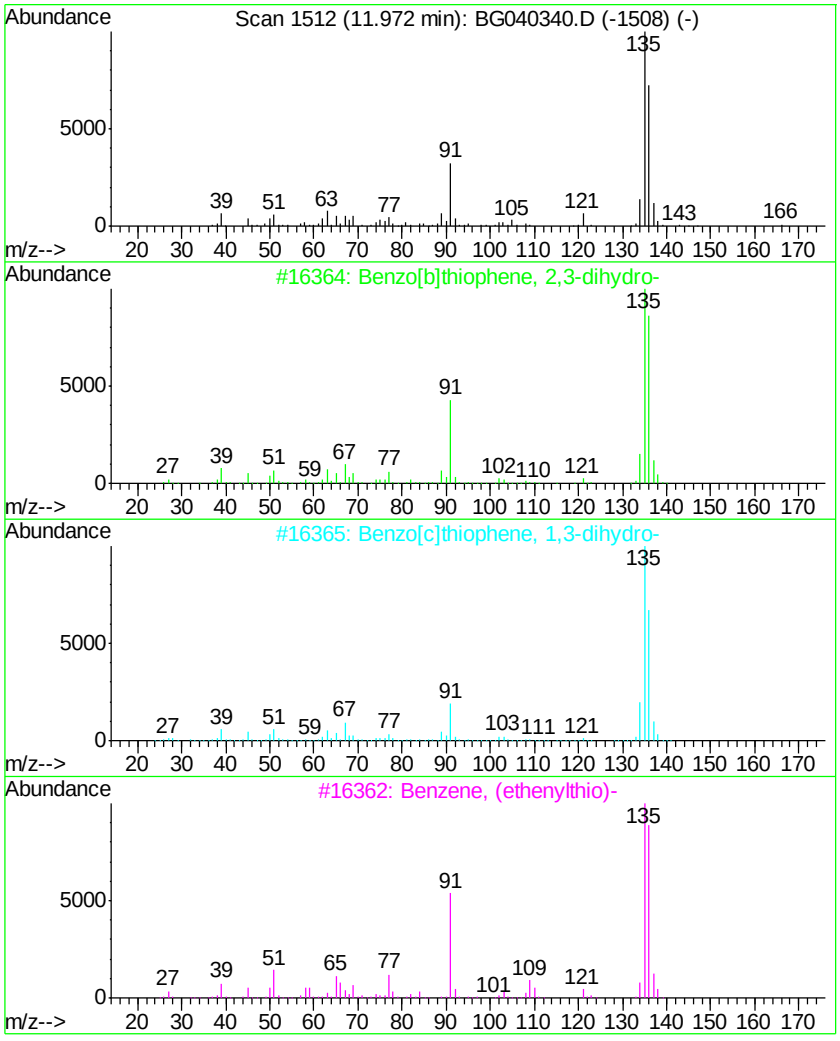
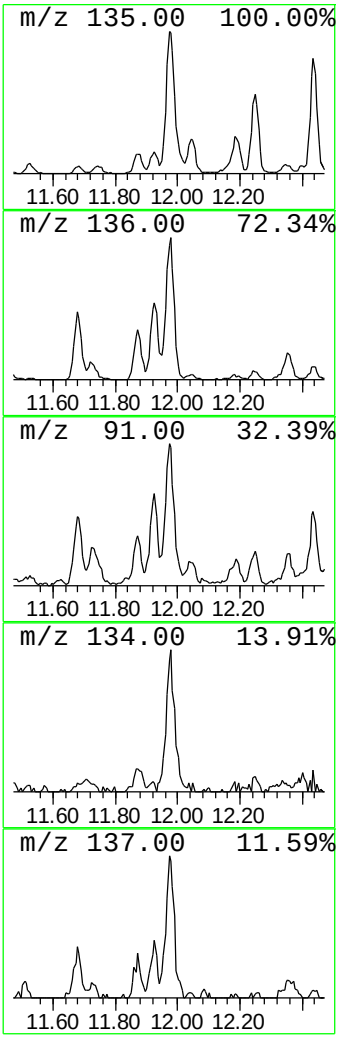
Peak Number 10 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	13.86 ng	363200	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	90
2	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	83
3	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	72
4	Pyrazine, 3-ethyl-2,5-dimethyl-	136	C8H12N2	013360-65-1	64
5	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	64





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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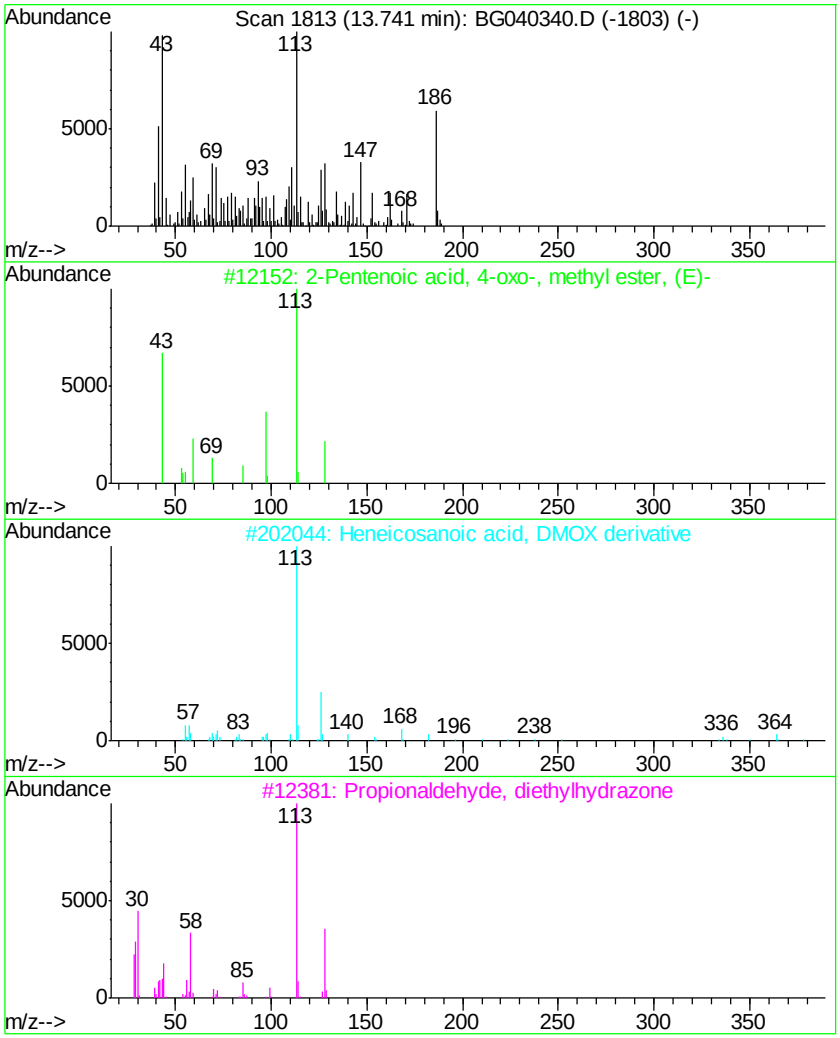
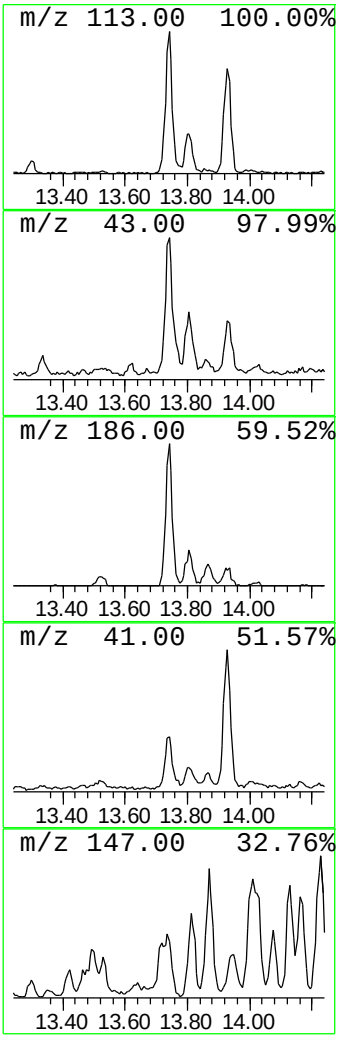
Peak Number 11 unknown13.74 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	19.21 ng	692380	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, 4-oxo-, methyl...	128	C6H8O3	002833-24-1	35
2	Heneicosanoic acid, DMOX derivative	379	C25H49NO	1000337-01-8	27
3	Propionaldehyde, diethylhydrazone	128	C7H16N2	028236-90-0	27
4	Thiazole, 2,5-dimethyl-	113	C5H7NS	004175-66-0	27
5	Maleic monoacid chloride, methyl...	148	C5H5ClO3	1000152-93-6	27





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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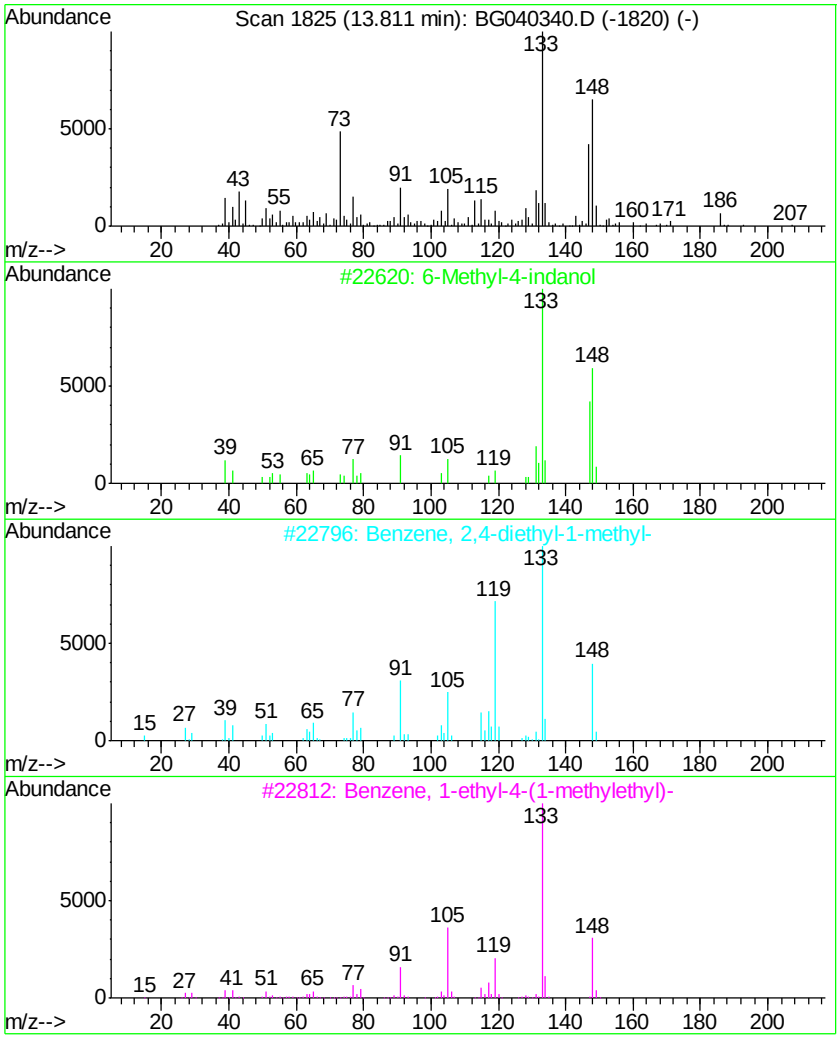
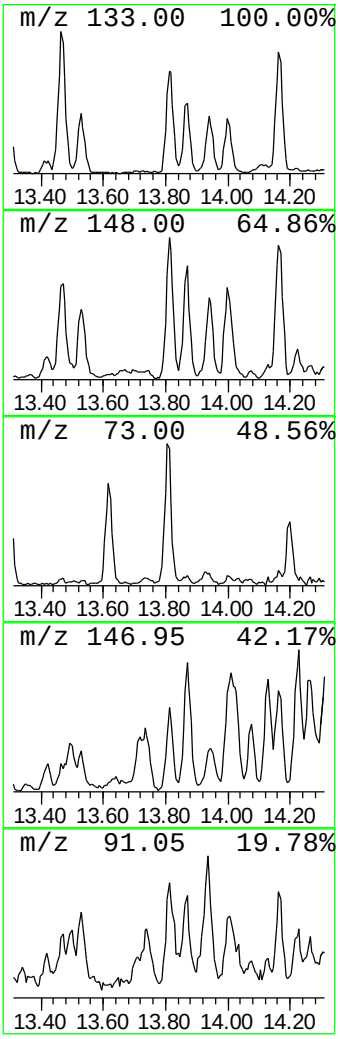
Peak Number 12 6-Methyl-4-indanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	15.03 ng	541844	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	95
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	64
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	60
5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	58





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Sample : K2176-01
Misc :
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Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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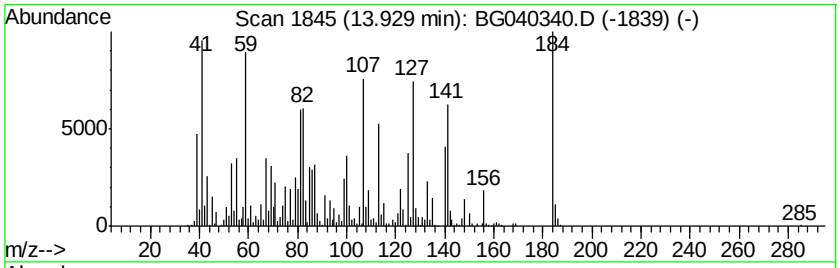
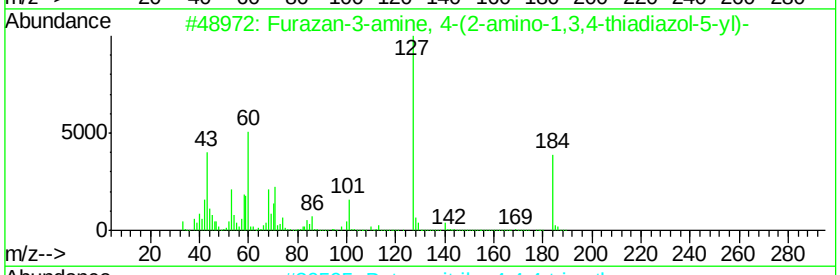
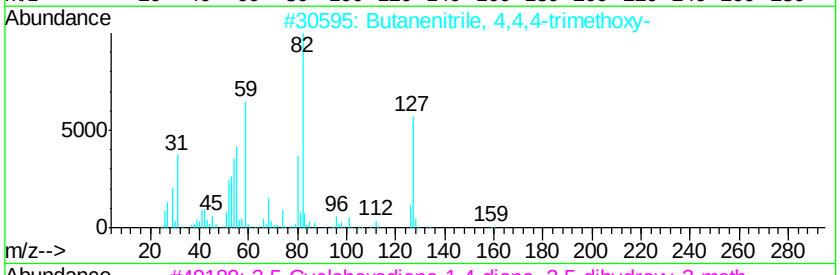
Peak Number 13 unknown13.93 Concentration Rank 10

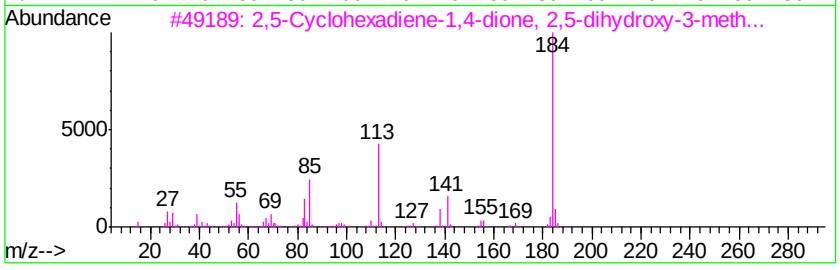
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	30.15 ng	1087040	Acenaphthene-d10	14.68

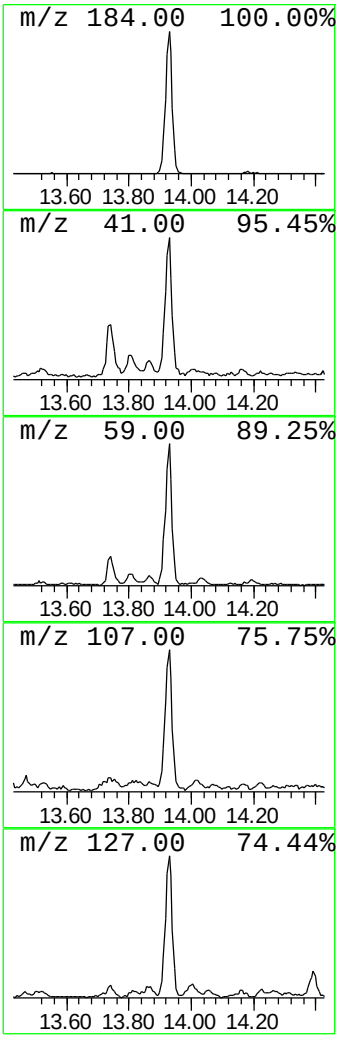
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furazan-3-amine, 4-(2-amino-1,3,...	184	C4H4N6OS	244156-96-5	22
2	Butanenitrile, 4,4,4-trimethoxy-	159	C7H13NO3	133871-50-8	14
3	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	11
4	Benzene, 1-methyl-3-phenoxy-	184	C13H12O	003586-14-9	11
5	Cyclandelate	276	C17H24O3	000456-59-7	10











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Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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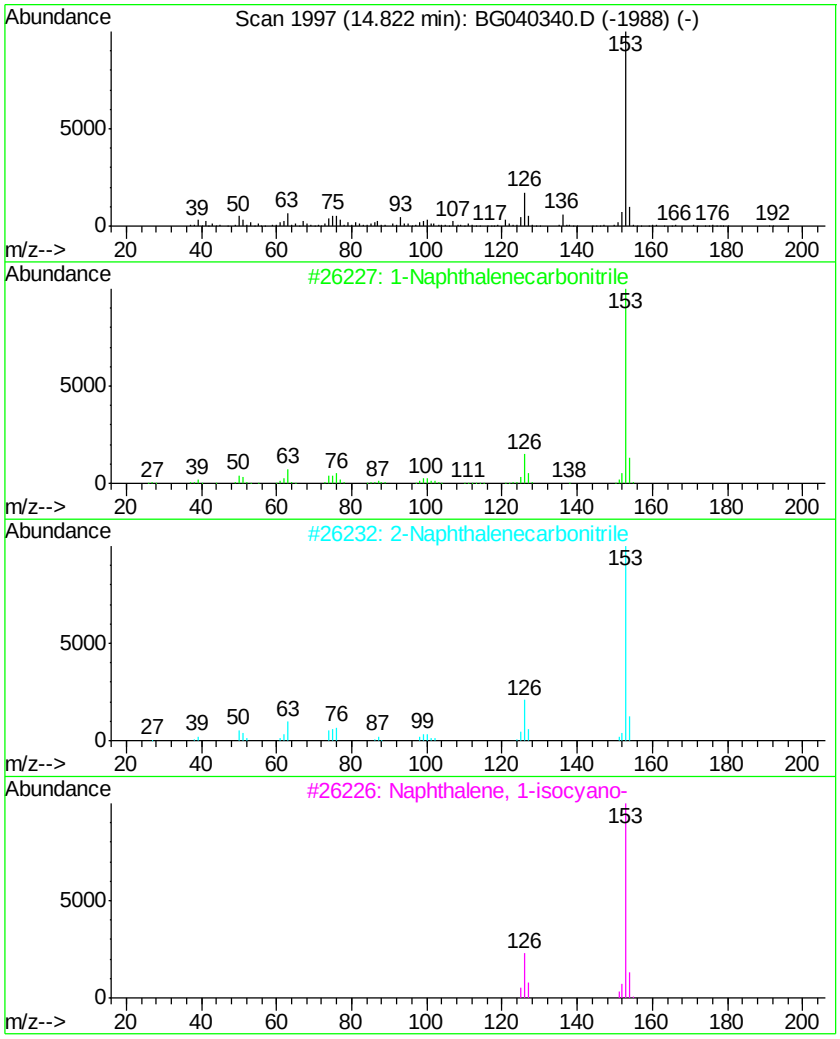
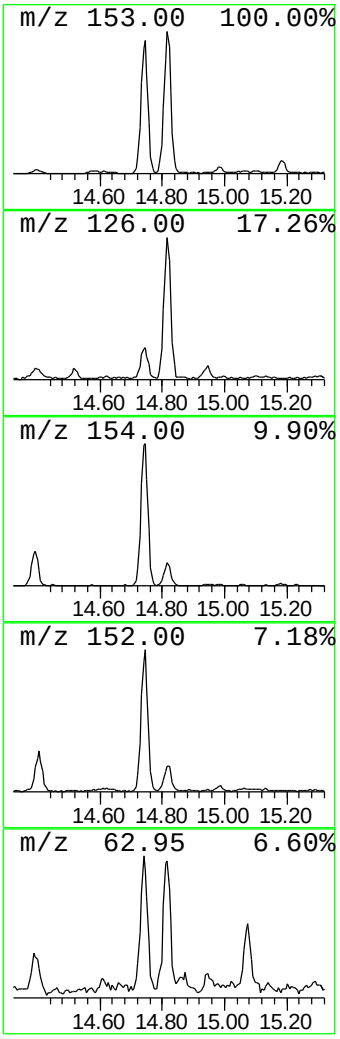
Peak Number 14 1-Naphthalenecarbonitrile Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	16.99 ng	612476	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
3	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	90
4	1-Methyl-6-oxo-1,6-dihydro-3-pyr...	153	C7H7NO3	003719-45-7	53
5	Benzene, 1-fluoro-3-isothiocyanato-	153	C7H4FNS	000404-72-8	45





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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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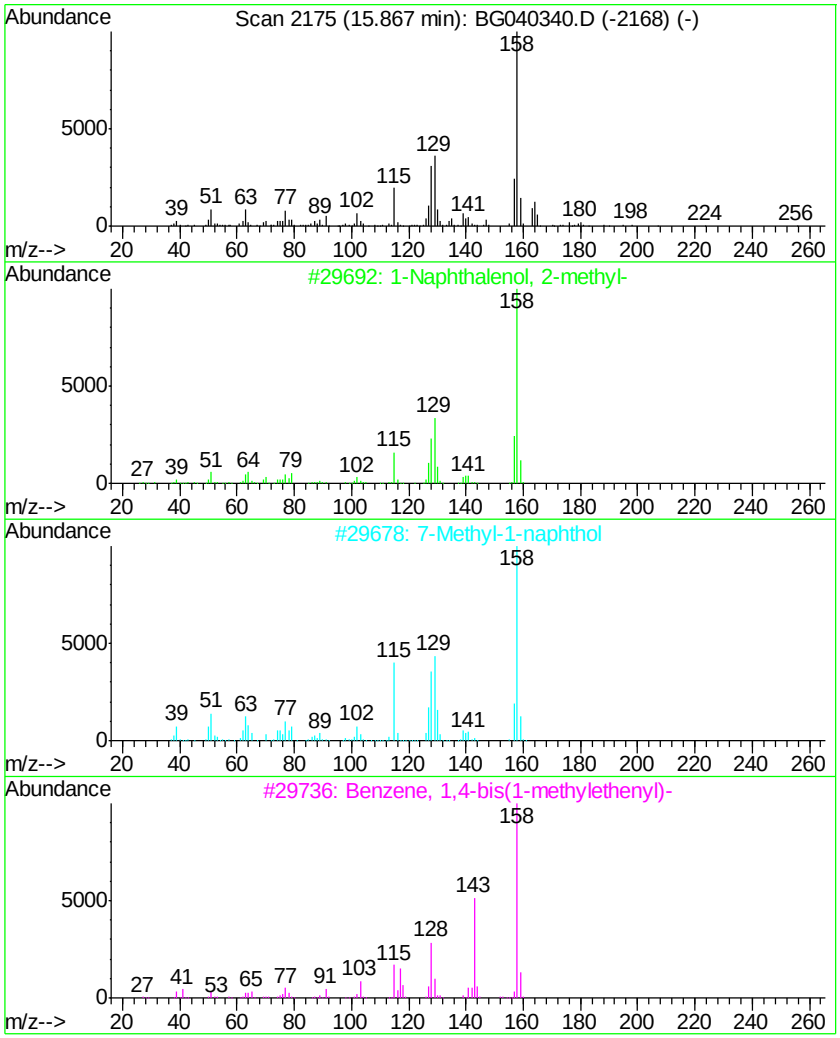
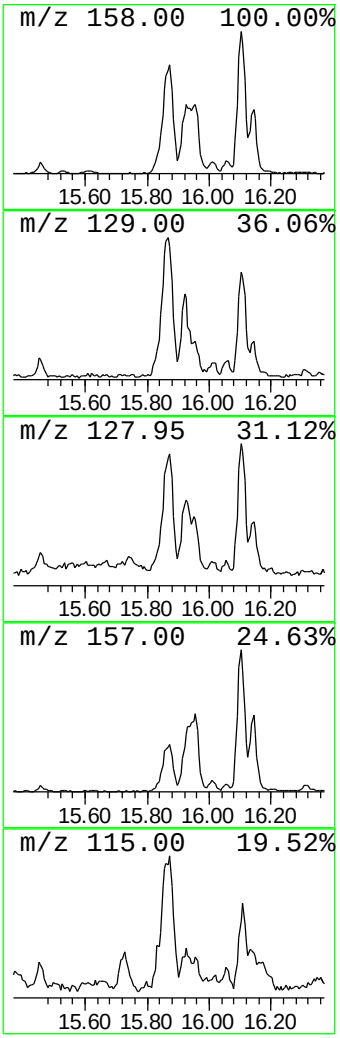
Peak Number 15 1-Naphthalenol, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	14.53 ng	523960	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	95
2	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	93
3	Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	53
4	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	50
5	1H-Pyrazole, 3-methyl-5-phenyl-	158	C10H10N2	003347-62-4	47





Library Search Compound Report

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ClientSampleId : QNWP8-MW27S-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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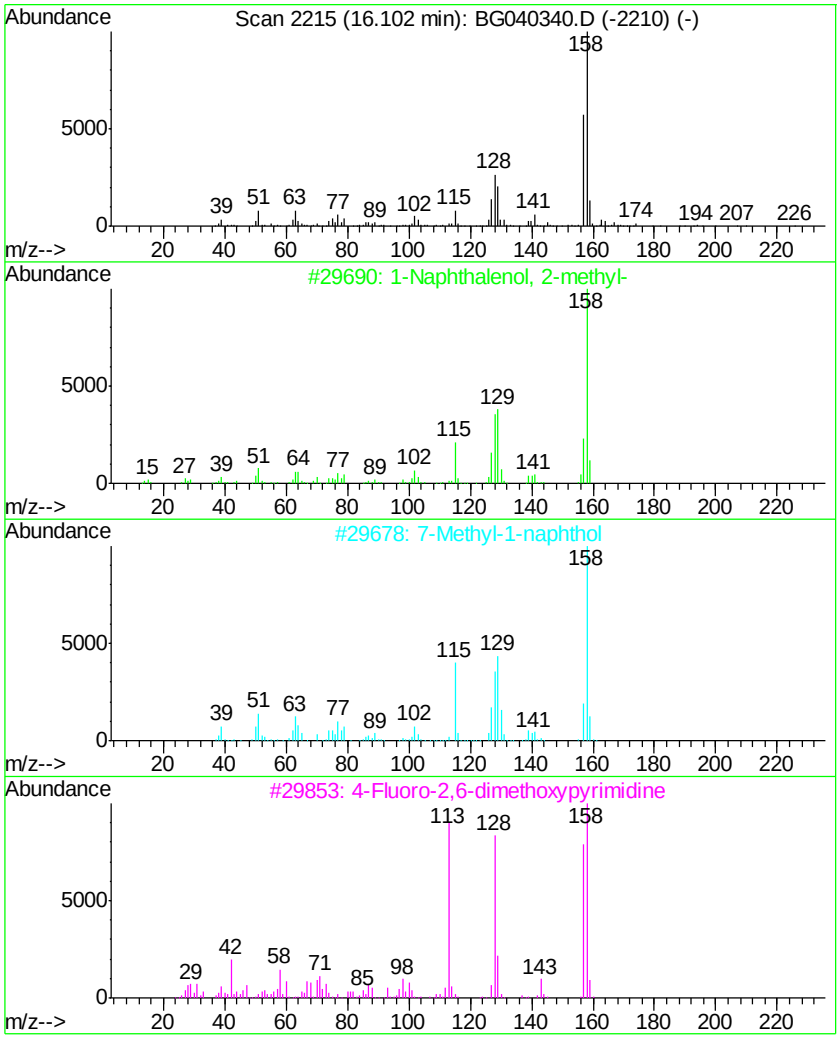
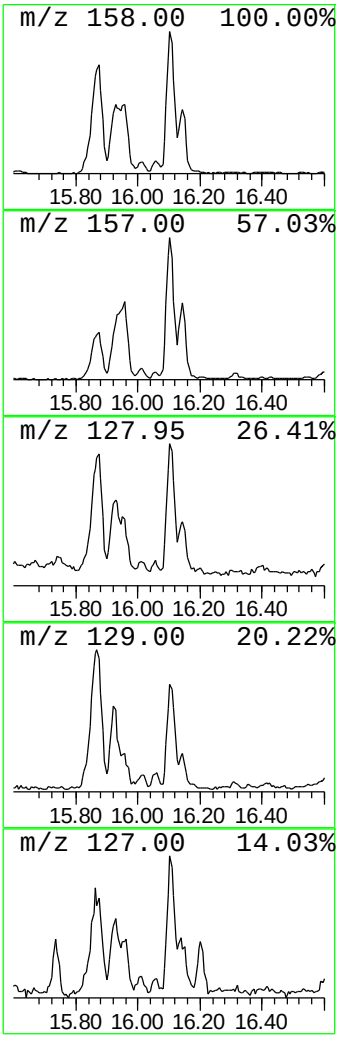
Peak Number 16 7-Methyl-1-naphthol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	12.41 ng	540111	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	58
2	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	53
3	4-Fluoro-2,6-dimethoxypyrimidine	158	C6H7FN2O2	000658-87-7	50
4	2-Phenyl-4-methylimidazole	158	C10H10N2	000827-43-0	50
5	2-Benzofurancarbonitrile, 3-amino-	158	C9H6N2O	1000337-93-2	46





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Operator : JU/SJ
Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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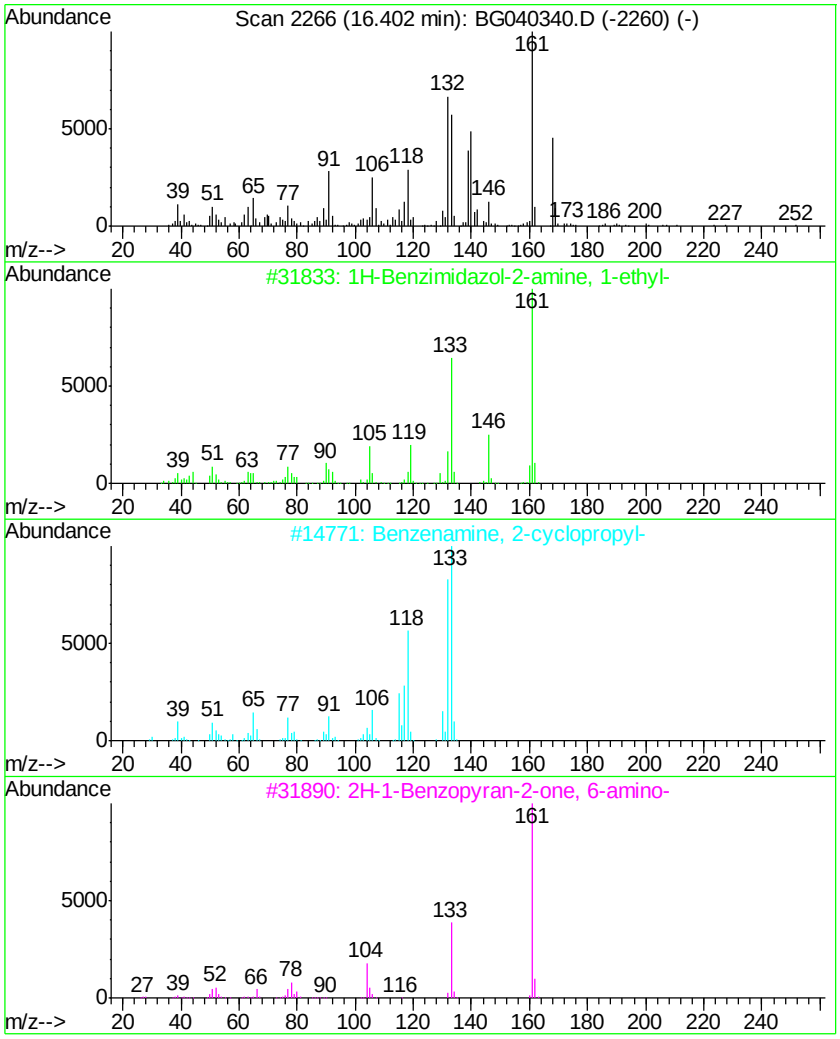
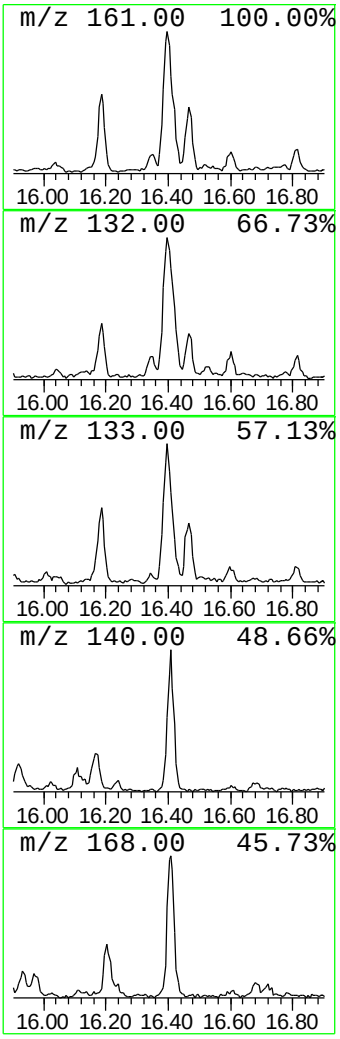
Peak Number 17 unknown16.40 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	14.08 ng	612594	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazol-2-amine, 1-ethyl-	161	C9H11N3	001622-58-8	38
2	Benzenamine, 2-cyclopropyl-	133	C9H11N	1000327-33-3	38
3	2H-1-Benzopyran-2-one, 6-amino-	161	C9H7NO2	014415-44-2	38
4	1H-Indole-2,3-dione, 5-methyl-	161	C9H7NO2	000608-05-9	35
5	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040340.D
Acq On : 4 Apr 2019 00:30
Operator : JU/SJ
Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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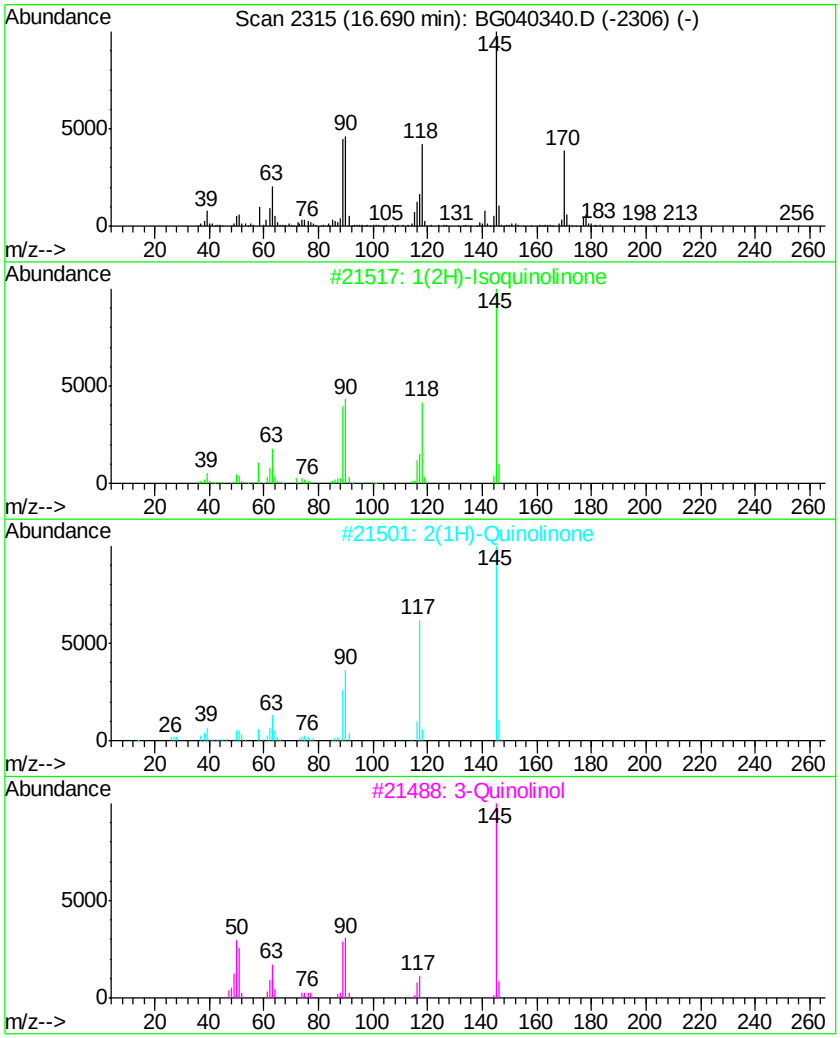
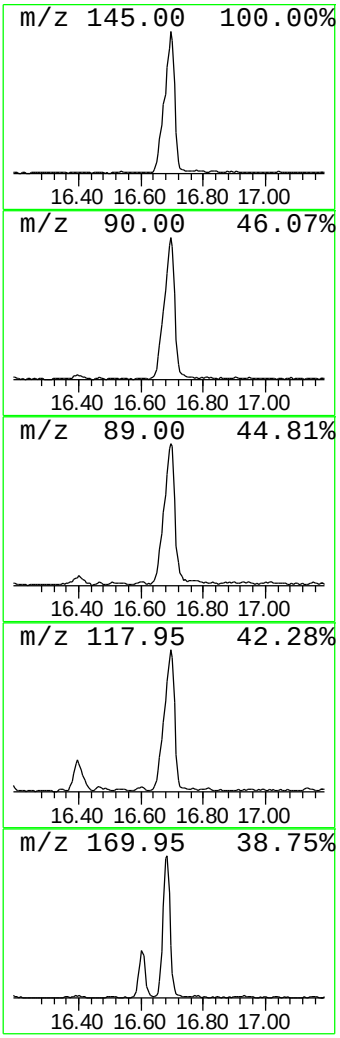
Peak Number 18 1(2H)-Isoquinolinone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	41.71 ng	1814520	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	95
2	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	64
3	3-Quinolinol	145	C9H7NO	000580-18-7	62
4	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	53
5	Quinoline, 1-oxide	145	C9H7NO	001613-37-2	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040340.D
Acq On : 4 Apr 2019 00:30
Operator : JU/SJ
Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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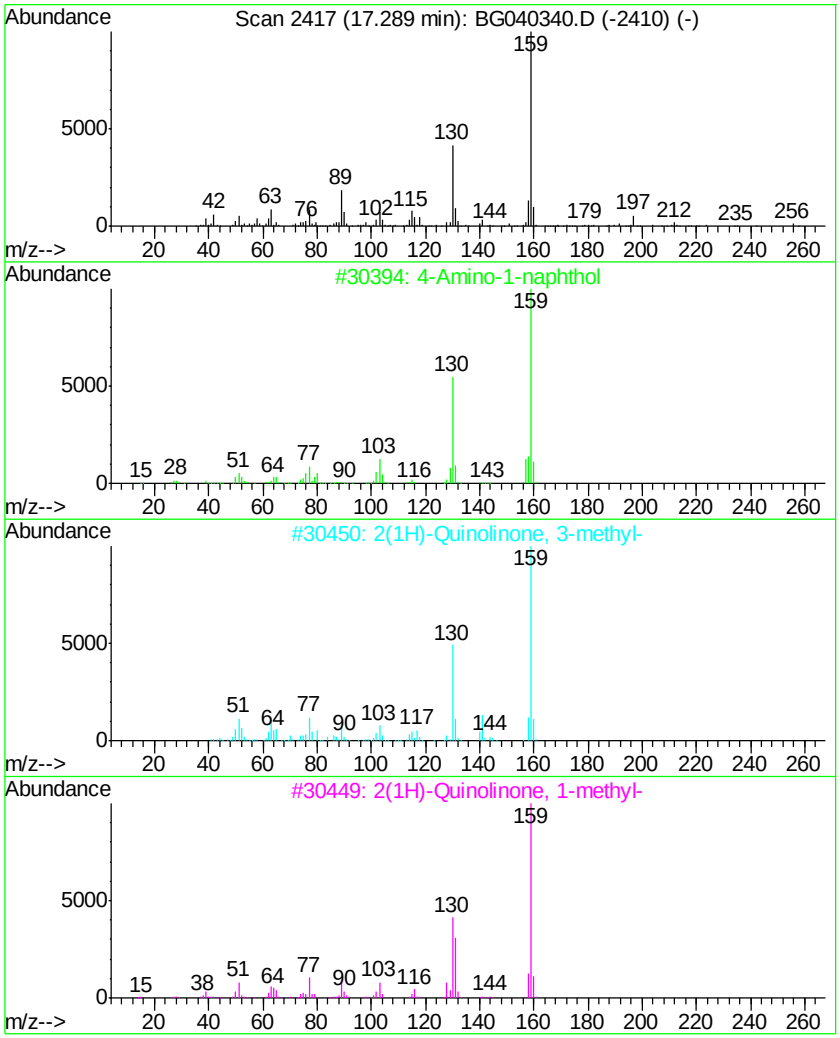
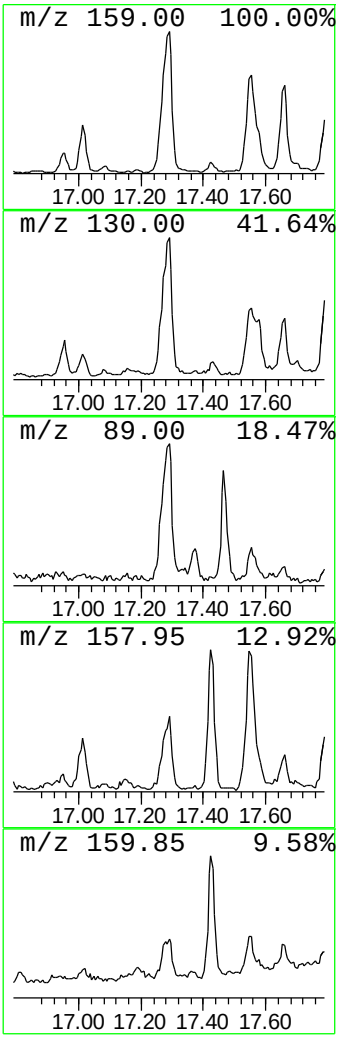
Peak Number 19 4-Amino-1-naphthol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	15.26 ng	664087	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-1-naphthol	159	C10H9NO	002834-90-4	87
2	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	83
3	2(1H)-Quinolinone, 1-methyl-	159	C10H9NO	000606-43-9	81
4	8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	76
5	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040340.D
Acq On : 4 Apr 2019 00:30
Operator : JU/SJ
Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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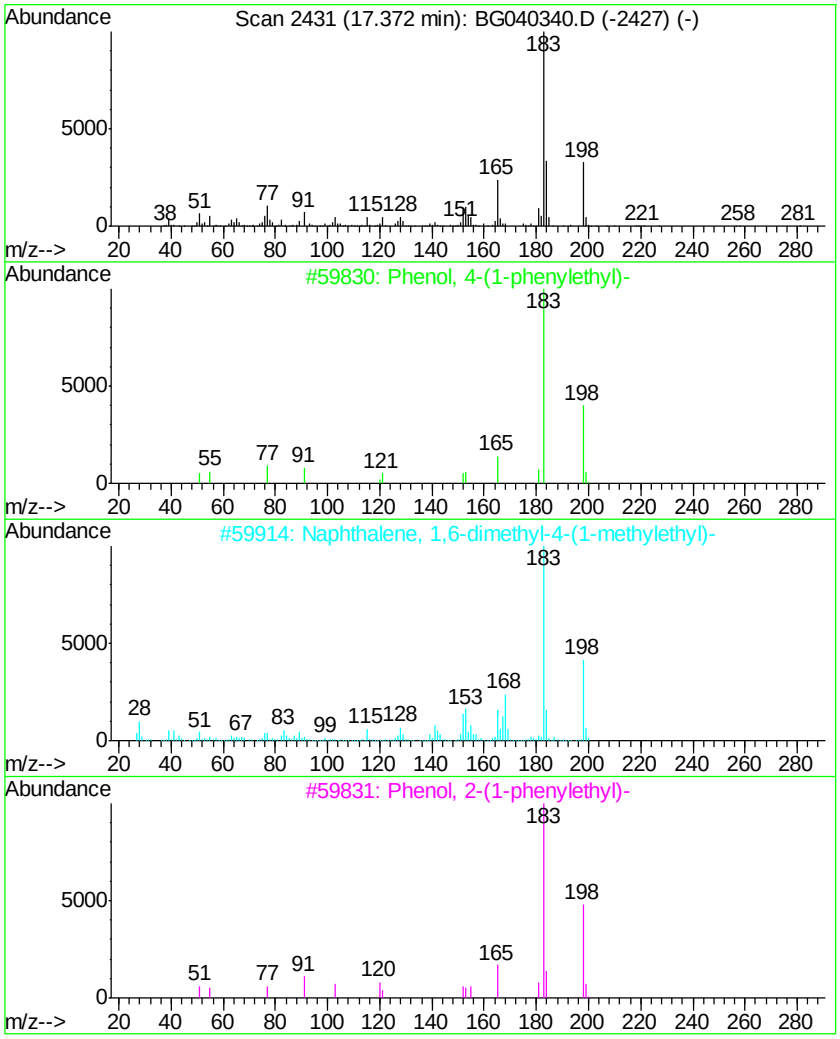
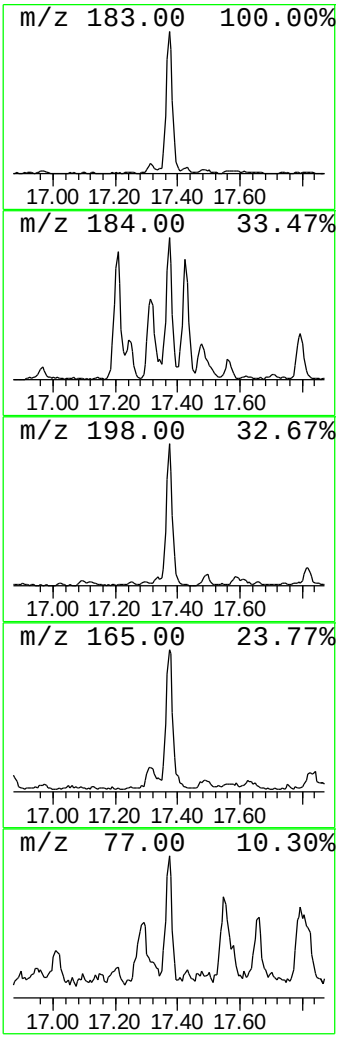
Peak Number 20 Phenol, 4-(1-phenylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	15.35 ng	667763	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	76
2	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	59
3	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	49
4	Silane, chlorotriethoxy-	198	C6H15ClO3Si	004667-99-6	47
5	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040340.D
Acq On : 4 Apr 2019 00:30
Operator : JU/SJ
Sample : K2176-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.54	55.4	ng	1079790	1	8.05	389506	20.0
unknown7.58	7.58	65.7	ng	1279020	1	8.05	389506	20.0
Benzene, 2-propenyl-	8.42	97.3	ng	1894650	1	8.05	389506	20.0
Benzene, 1-propynyl-	8.58	34.7	ng	675011	1	8.05	389506	20.0
Benzofuran, 2-met...	9.40	37.5	ng	729475	1	8.05	389506	20.0
3-Phenyl-2-propyn...	9.53	50.7	ng	1329630	2	10.86	524124	20.0
Cyclopenta[c]thia...	11.04	32.8	ng	858456	2	10.86	524124	20.0
Phenol, 2,4,6-tri...	11.44	13.6	ng	355035	2	10.86	524124	20.0
Benzo[b]thiophene...	11.97	13.9	ng	363200	2	10.86	524124	20.0
unknown13.74	13.74	19.2	ng	692380	3	14.68	721037	20.0
6-Methyl-4-indanol	13.81	15.0	ng	541844	3	14.68	721037	20.0
unknown13.93	13.93	30.1	ng	1087040	3	14.68	721037	20.0
1-Naphthalenecarb...	14.82	17.0	ng	612476	3	14.68	721037	20.0
1-Naphthalenol, 2...	15.87	14.5	ng	523960	3	14.68	721037	20.0
7-Methyl-1-naphthol	16.10	12.4	ng	540111	4	17.42	870149	20.0
unknown16.40	16.40	14.1	ng	612594	4	17.42	870149	20.0
1(2H)-Isoquinolinone	16.69	41.7	ng	1814520	4	17.42	870149	20.0
4-Amino-1-naphthol	17.29	15.3	ng	664087	4	17.42	870149	20.0
Phenol, 4-(1-phen...	17.37	15.4	ng	667763	4	17.42	870149	20.0