LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109489.D
Acq On : 1 Oct 2018 22:35
Operator : JU/SJ
Sample : J5155-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-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_F\METHODS\8270-BF092218.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	3.687	259	272	278	rBV	3336790	6477677	14.03%	1.991%
2	5.193	519	528	531	rBV	6778870	12076951	26.15%	3.713%
3	5.228	531	534	540	rVV2	350547	598063	1.30%	0.184%
4	5.328	540	551	553	rVV	6672733	15858254	34.34%	4.875%
5	5.381	557	560	569	rVB	577206	751213	1.63%	0.231%
6	5.569	584	592	595	rBV	6495137	10936638	23.68%	3.362%
7	5.875	640	644	649	rBV	1096549	1021235	2.21%	0.314%
8	5.969	652	660	667	rVV2	225582	838138	1.82%	0.258%
9	6.240	701	706	708	rBV	2045693	2096585	4.54%	0.645%
10	6.269	708	711	715	rVV	1325034	1268103	2.75%	0.390%
11	6.316	715	719	725	rVV	2298765	2260306	4.89%	0.695%
12	6.398	725	733	736	rVV5	1250056	2242177	4.86%	0.689%
13	6.510	745	752	755	rVV2	1316507	2084334	4.51%	0.641%
14	6.604	755	768	778	rVV2	7518286	22643342	49.04%	6.961%
15	6.716	784	787	790	rBV	579480	569473	1.23%	0.175%
16	6.775	794	797	804	rVV	1755962	2401326	5.20%	0.738%
17	6.834	804	807	811	rVV2	362106	751680	1.63%	0.231%
18	6.916	811	821	824	rVV	7312832	14929616	32.33%	4.590%
19	6.993	828	834	837	rVV	6806858	11276175	24.42%	3.466%
20	7.145	852	860	865	rBV2	1476176	2591457	5.61%	0.797%
21	7.204	867	870	873	rVV2	577531	756776	1.64%	0.233%
22	7.251	876	878	880	rVV2	586268	597902	1.29%	0.184%
23	7.281	880	883	888	rVB	1806838	1926262	4.17%	0.592%
24	7.363	893	897	901	rVV	2625344	2857644	6.19%	0.878%
25	7.428	901	908	910	rVV2	4843954	7954213	17.23%	2.445%
26	7.451	910	912	914	rVV	2158854	1613944	3.50%	0.496%
27	7.669	944	949	951	rVV	1548711	2227267	4.82%	0.685%
28	7.704	951	955	959	rVV	2788191	5222115	11.31%	1.605%
29	7.740	959	961	965	rVV2	1793719	2514398	5.45%	0.773%
30	7.787	965	969	971	rVV	1125492	1812222	3.92%	0.557%
31	7.810	971	973	976	rVV2	1208545	1882886	4.08%	0.579%
32	7.845	976	979	983	rVV	2567727	3254681	7.05%	1.001%
33	7.910	987	990	993	rVB	876061	831213	1.80%	0.256%
34	8.098	998	1022	1024	rVV2	8044511	46176002	100.00%	14.195%

LSC Area Percent Report

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Acq On : 1 Oct 2018 22:35
Operator : JU/SJ
Sample : J5155-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-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_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.122	1024	1026	1029	rVV	6576373	6508842	14.10%	2.001%
36	8.169	1030	1034	1038	rVV2	1228161	1889258	4.09%	0.581%
37	8.239	1042	1046	1050	rVV	1904348	2732255	5.92%	0.840%
38	8.275	1050	1052	1058	rVB	1526990	1321867	2.86%	0.406%
39	8.369	1062	1068	1073	rVV	2550125	3151402	6.82%	0.969%
40	8.445	1076	1081	1083	rVV	1346912	1567807	3.40%	0.482%
41	8.469	1083	1085	1087	rVV	1962011	1760430	3.81%	0.541%
42	8.581	1101	1104	1106	rBV2	993516	819673	1.78%	0.252%
43	8.604	1106	1108	1114	rVB2	2045447	2113018	4.58%	0.650%
44	8.663	1114	1118	1121	rBV4	959812	1337523	2.90%	0.411%
45	8.716	1121	1127	1129	rVV2	4419967	5421131	11.74%	1.667%
46	8.745	1129	1132	1133	rVV2	611628	616445	1.33%	0.190%
47	8.775	1133	1137	1138	rVV3	1042305	1502147	3.25%	0.462%
48	8.822	1138	1145	1147	rVB2	4893824	7762626	16.81%	2.386%
49	8.863	1147	1152	1153	rBV	799878	724292	1.57%	0.223%
50	8.881	1153	1155	1161	rVV3	1162987	1261466	2.73%	0.388%
51	8.981	1169	1172	1175	rVV3	1072581	1041348	2.26%	0.320%
52	9.069	1182	1187	1190	rVB	2462830	2172770	4.71%	0.668%
53	9.134	1195	1198	1200	rVV2	532397	573126	1.24%	0.176%
54	9.169	1200	1204	1211	rVB3	2627818	3270865	7.08%	1.005%
55	9.281	1217	1223	1226	rVB3	967975	1560059	3.38%	0.480%
56	9.322	1226	1230	1236	rBV4	1495353	3060496	6.63%	0.941%
57	9.375	1236	1239	1242	rVV4	1440508	1770184	3.83%	0.544%
58	9.404	1242	1244	1247	rVV3	1518656	1765896	3.82%	0.543%
59	9.428	1247	1248	1253	rVV	1057109	905500	1.96%	0.278%
60	9.492	1257	1259	1261	rVV	838317	670056	1.45%	0.206%
61	9.522	1261	1264	1266	rVV	849767	928604	2.01%	0.285%
62	9.598	1273	1277	1282	rVB3	1361304	1710941	3.71%	0.526%
63	9.722	1293	1298	1300	rVV4	929900	1515612	3.28%	0.466%
64	9.739	1300	1301	1304	rVV2	963823	808085	1.75%	0.248%
65	9.781	1304	1308	1310	rVV	3886807	4077640	8.83%	1.254%
66	9.816	1310	1314	1317	rVV	1929124	2265709	4.91%	0.697%
67	9.845	1317	1319	1323	rVV2	760326	922400	2.00%	0.284%
68	9.898	1323	1328	1331	rVV2	2308402	3404153	7.37%	1.046%
69	9.951	1333	1337	1341	rVV2	2780972	3210797	6.95%	0.987%
70	10.063	1346	1356	1358	rBV8	328375	777746	1.68%	0.239%
71	10.104	1358	1363	1368	rVV4	376331	728035	1.58%	0.224%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5155-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-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_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.186	1373	1377	1380	rVB	782099	855006	1.85%	0.263%
73	10.251	1380	1388	1391	rBV3	553655	967139	2.09%	0.297%
74	10.286	1391	1394	1400	rBV	2238222	2457811	5.32%	0.756%
75	10.375	1400	1409	1412	rVV	2515650	3930036	8.51%	1.208%
76	10.428	1412	1418	1424	rVV4	1669224	3242863	7.02%	0.997%
77	10.504	1427	1431	1433	rVV2	1781086	2063512	4.47%	0.634%
78	10.528	1433	1435	1438	rVV3	2019204	1946292	4.21%	0.598%
79	10.716	1460	1467	1469	rBV2	1045102	1702484	3.69%	0.523%
80	10.781	1474	1478	1481	rBV	1255712	1357875	2.94%	0.417%
81	10.828	1481	1486	1487	rBV	2167400	2299905	4.98%	0.707%
82	10.845	1487	1489	1492	rVB	2058440	1613971	3.50%	0.496%
83	11.063	1518	1526	1528	rBV2	666244	1393529	3.02%	0.428%
84	11.110	1532	1534	1537	rBV	900192	980082	2.12%	0.301%
85	11.186	1542	1547	1549	rBV2	704553	913391	1.98%	0.281%
86	11.228	1549	1554	1555	rVV2	4121160	5287894	11.45%	1.626%
87	11.251	1555	1558	1560	rVV	2567437	2493477	5.40%	0.767%
88	11.280	1560	1563	1568	rVB3	1499195	2270561	4.92%	0.698%
89	11.339	1568	1573	1576	rBV4	534078	877690	1.90%	0.270%
90	11.463	1584	1594	1597	rBV5	2190499	3732194	8.08%	1.147%
91	11.528	1601	1605	1608	rVB2	902760	1030176	2.23%	0.317%
92	11.575	1608	1613	1616	rBV3	1354642	2268291	4.91%	0.697%
93	11.616	1616	1620	1622	rVB3	1126175	1293768	2.80%	0.398%
94	11.722	1635	1638	1641	rBV2	669743	681181	1.48%	0.209%
95	11.816	1647	1654	1660	rBV6	843777	2413079	5.23%	0.742%
96	11.975	1677	1681	1683	rBV	1446810	1787466	3.87%	0.549%
97	12.804	1818	1822	1825	rVB	1641759	1406650	3.05%	0.432%
98	12.992	1849	1854	1866	rVB3	771137	1765943	3.82%	0.543%
99	13.410	1921	1925	1933	rVB2	388420	599734	1.30%	0.184%
100	13.851	1995	2000	2003	rBV	736253	736239	1.59%	0.226%

Sum of corrected areas: 325298711

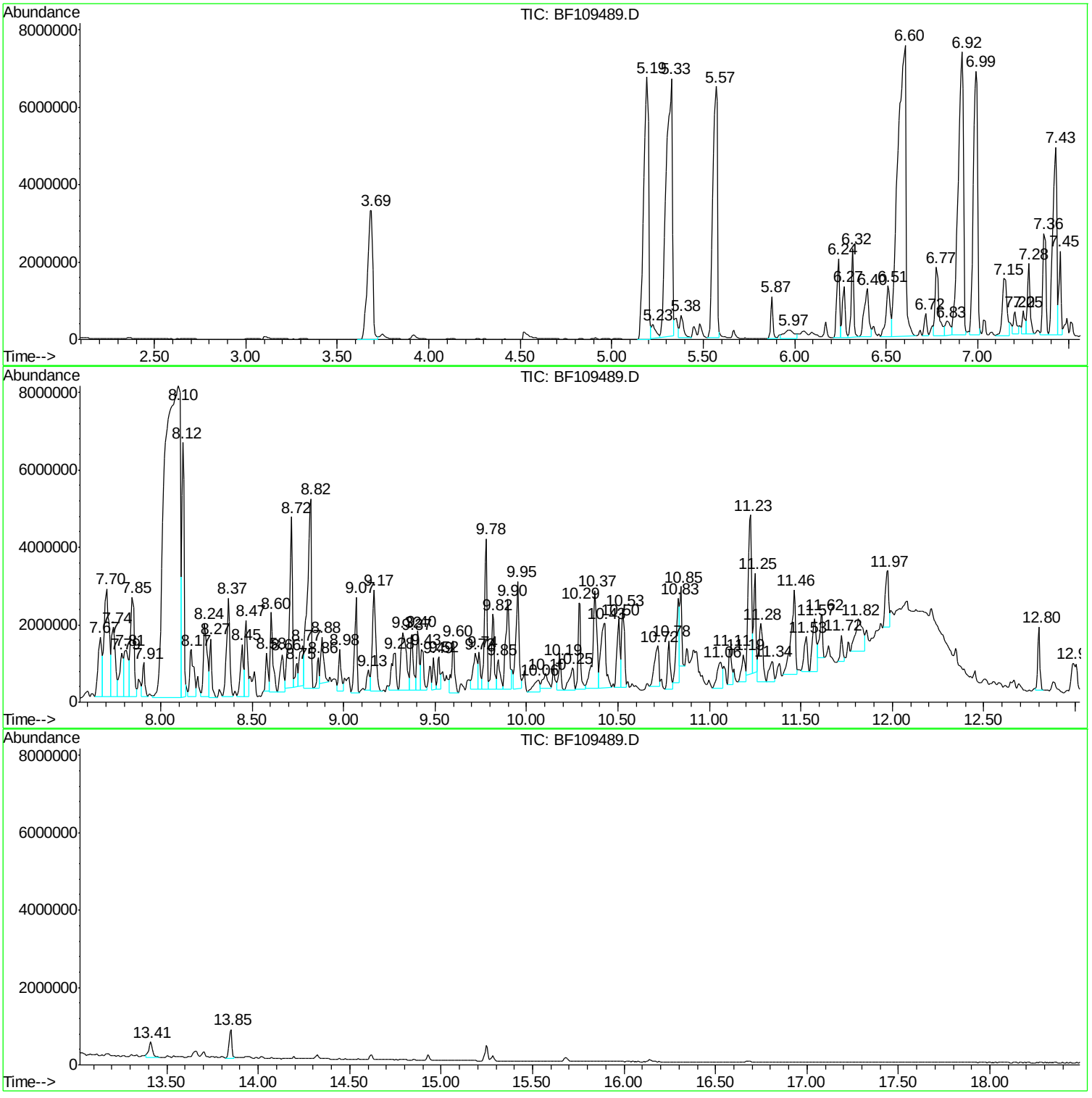
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109489.D
Acq On : 1 Oct 2018 22:35
Operator : JU/SJ
Sample : J5155-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109489.D
Acq On : 1 Oct 2018 22:35
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Sample : J5155-03
Misc :
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Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

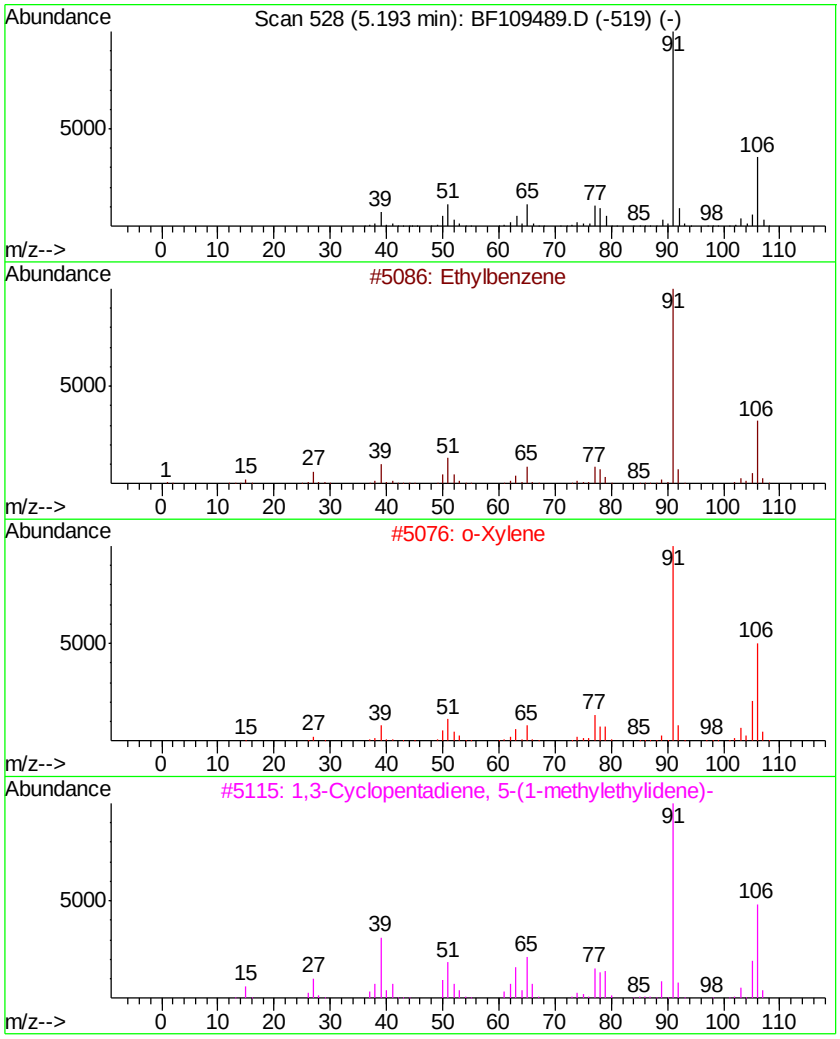
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

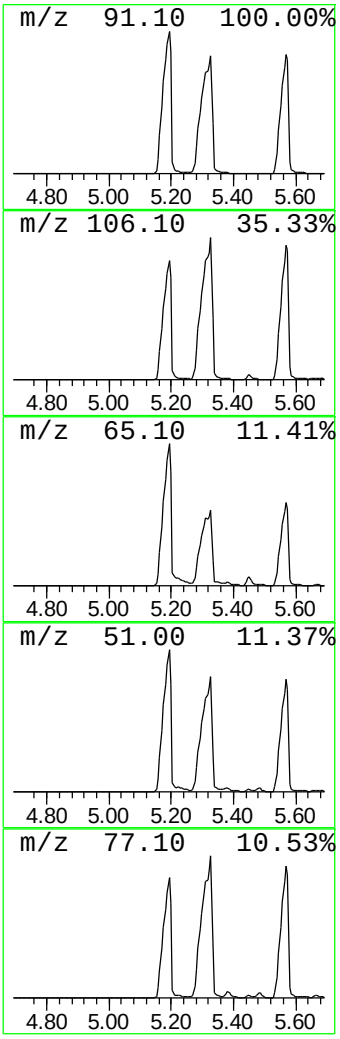
****

Peak Number 2 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	424.15 ng	12077000	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	o-Xylene	106	C8H10	000095-47-6	86
3	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80
4	p-Xylene	106	C8H10	000106-42-3	80
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109489.D
Acq On : 1 Oct 2018 22:35
Operator : JU/SJ
Sample : J5155-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

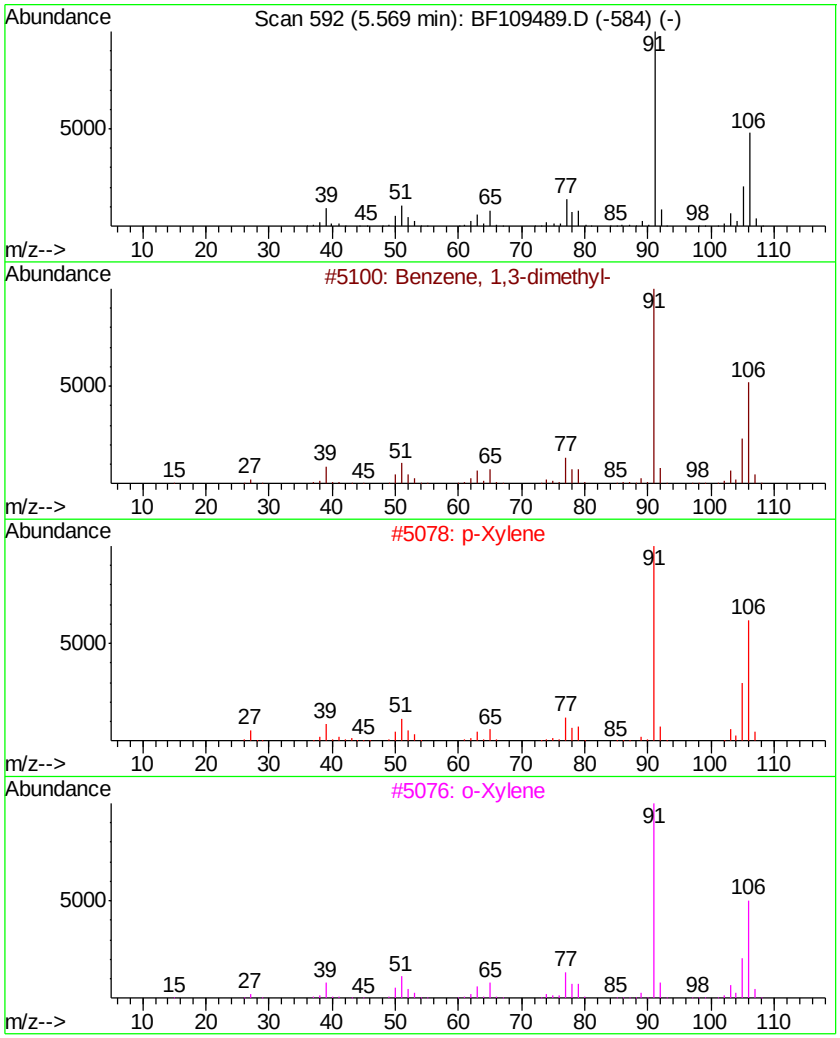
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

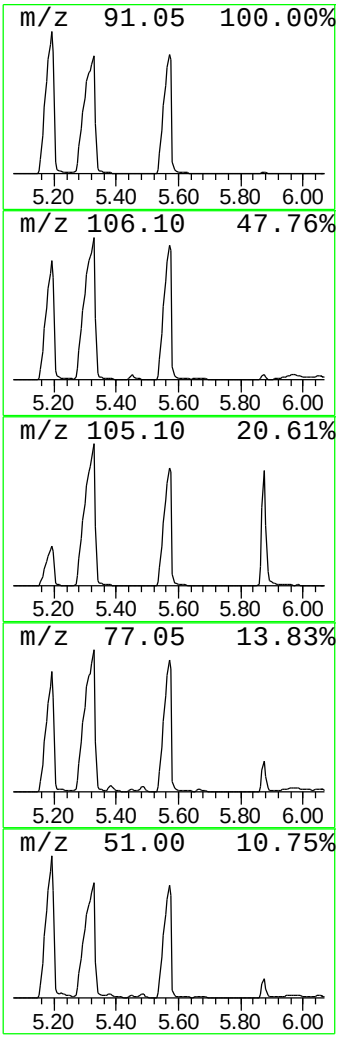
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	384.10 ng	10936600	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

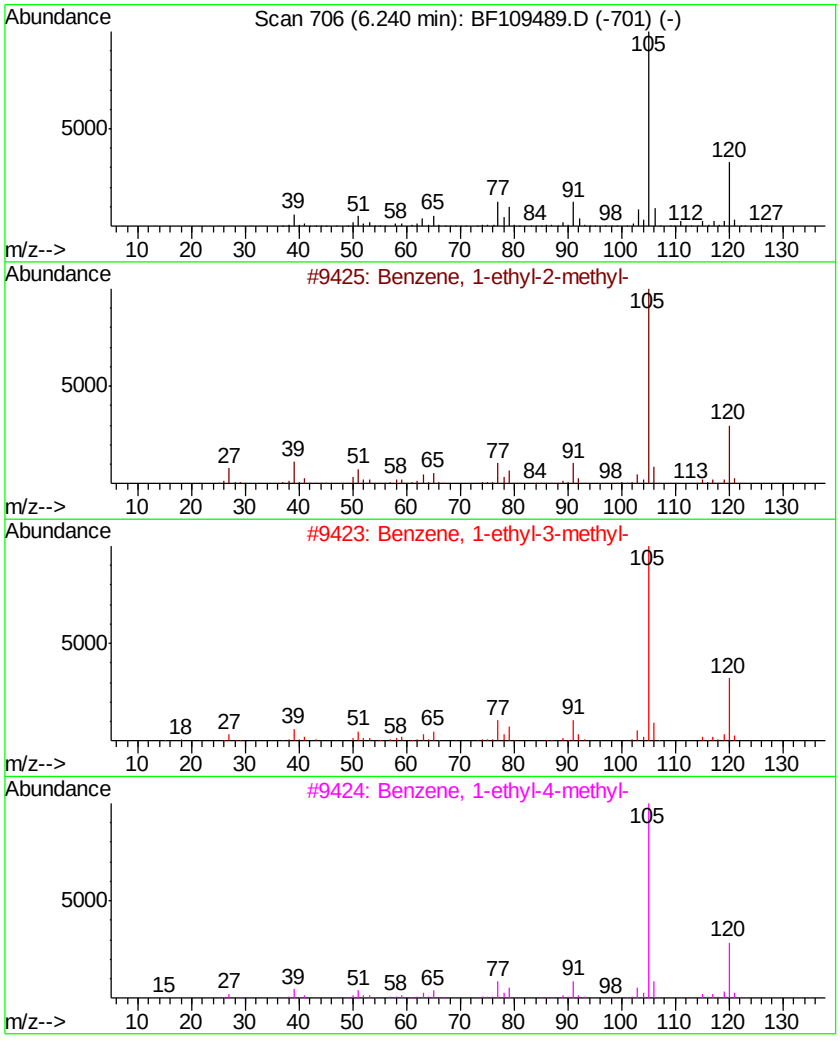
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

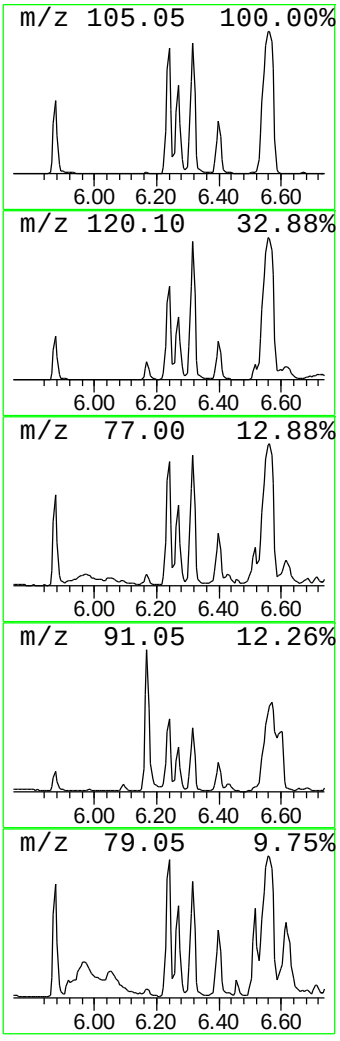
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	73.63 ng	2096590	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

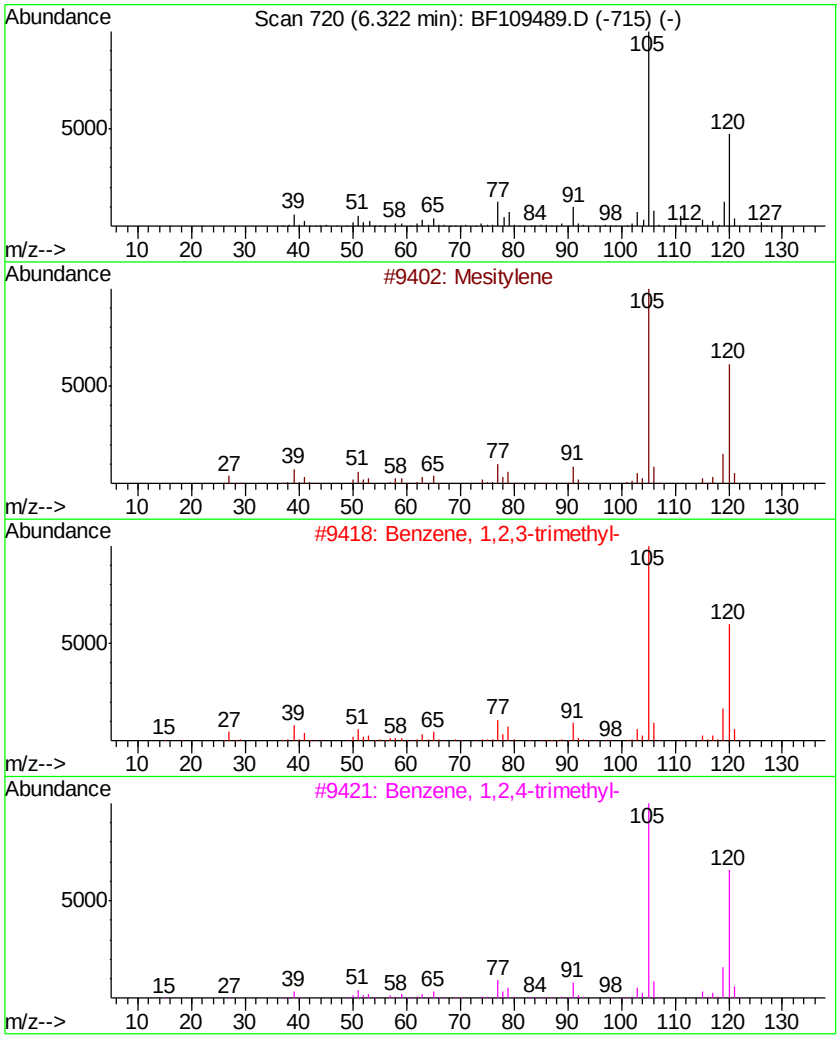
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

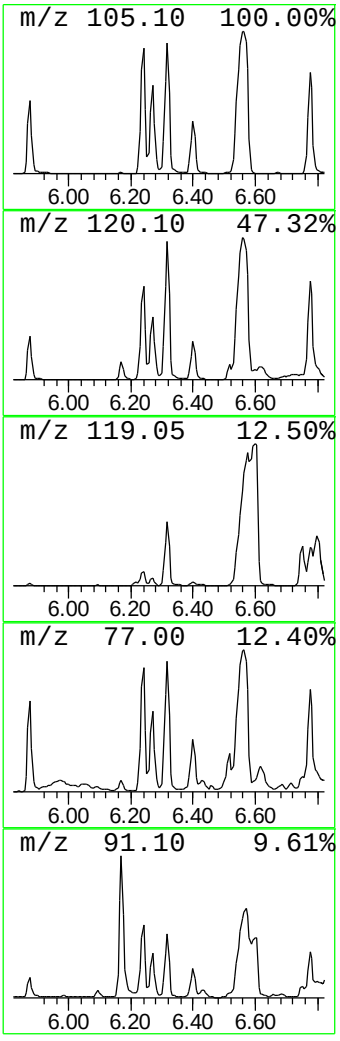
****

Peak Number 5 Mesitylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	79.38 ng	2260310	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

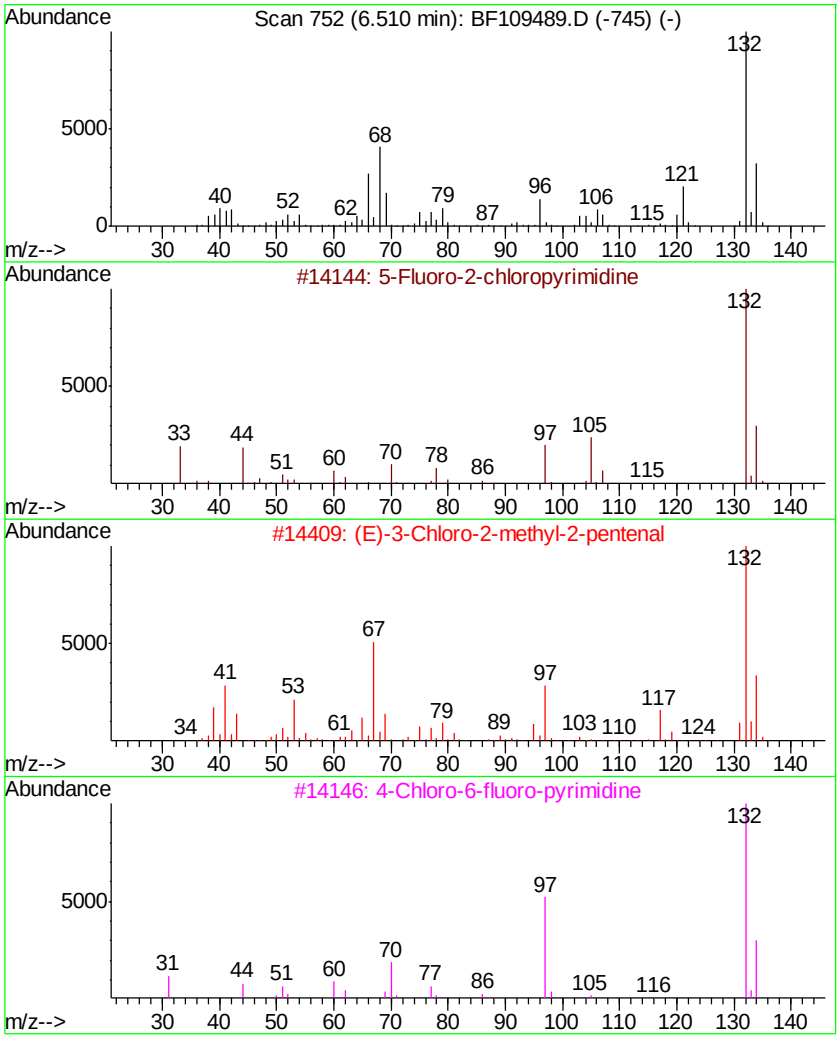
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

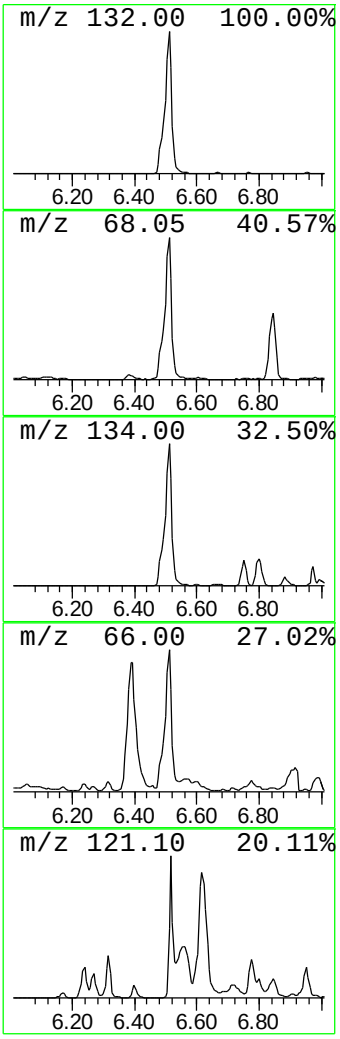
****

Peak Number 6 unknown6.51 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	73.20 ng	2084330	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	12





Library Search Compound Report

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Acq On : 1 Oct 2018 22:35
Operator : JU/SJ
Sample : J5155-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-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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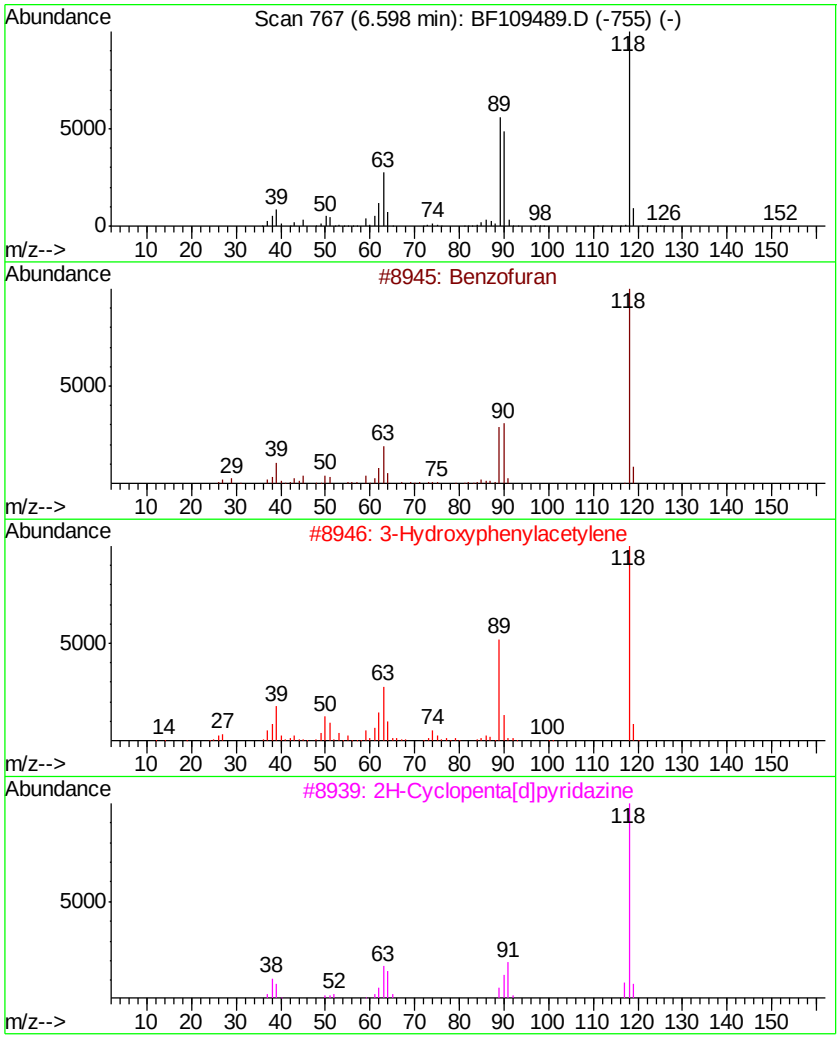
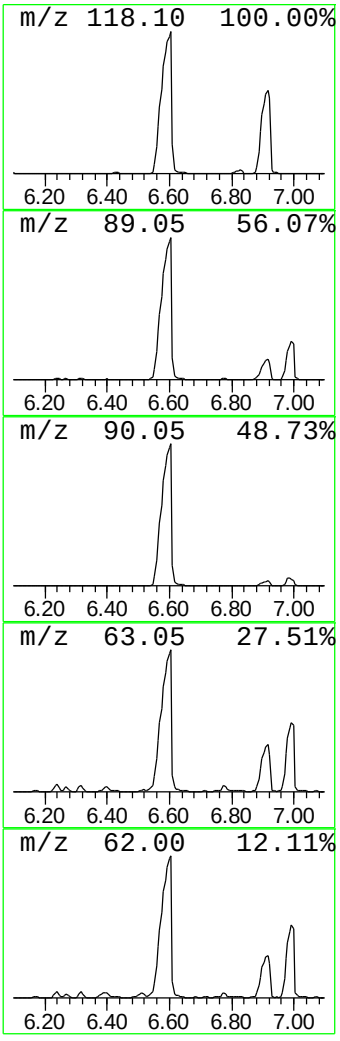
Peak Number 7 Benzofuran Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	795.24 ng	22643300	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	72
3	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	53
4	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	40
5	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	35





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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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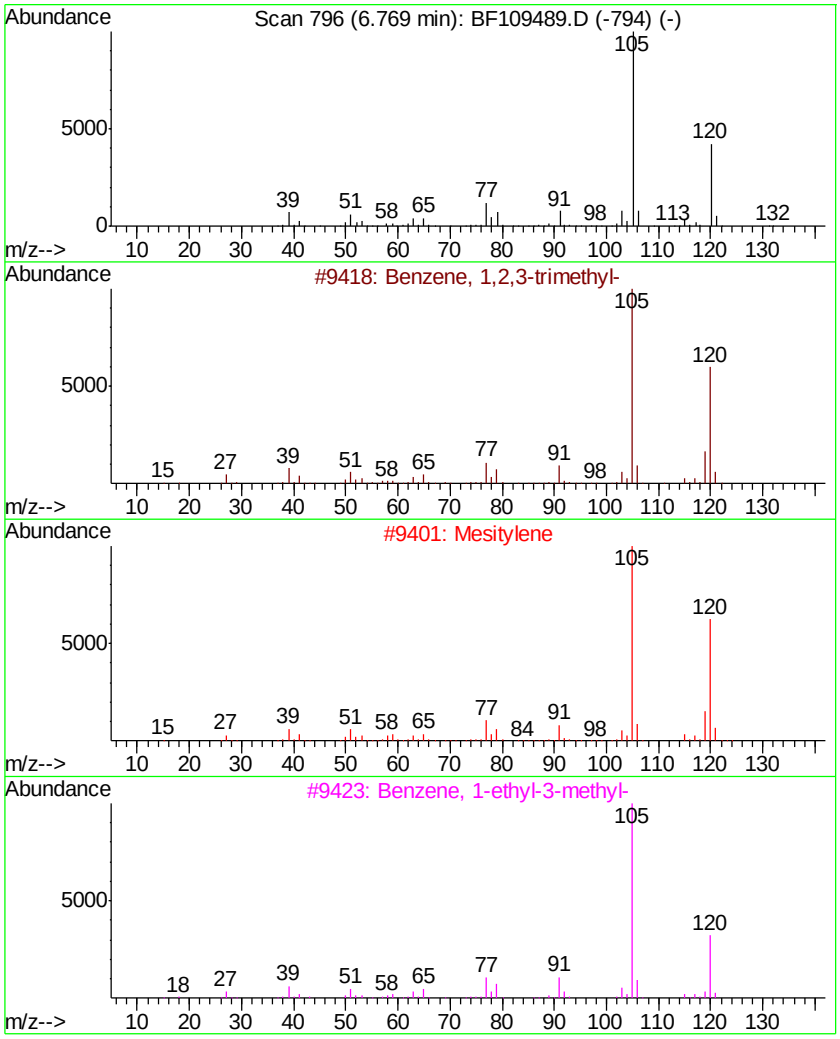
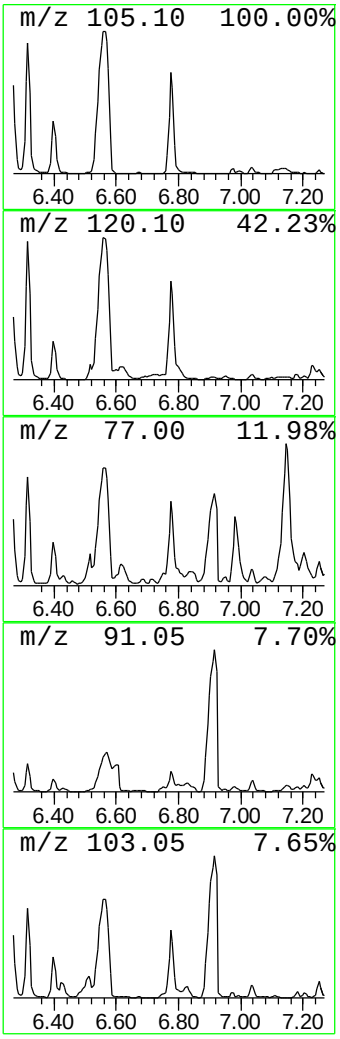
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	84.34 ng	2401330	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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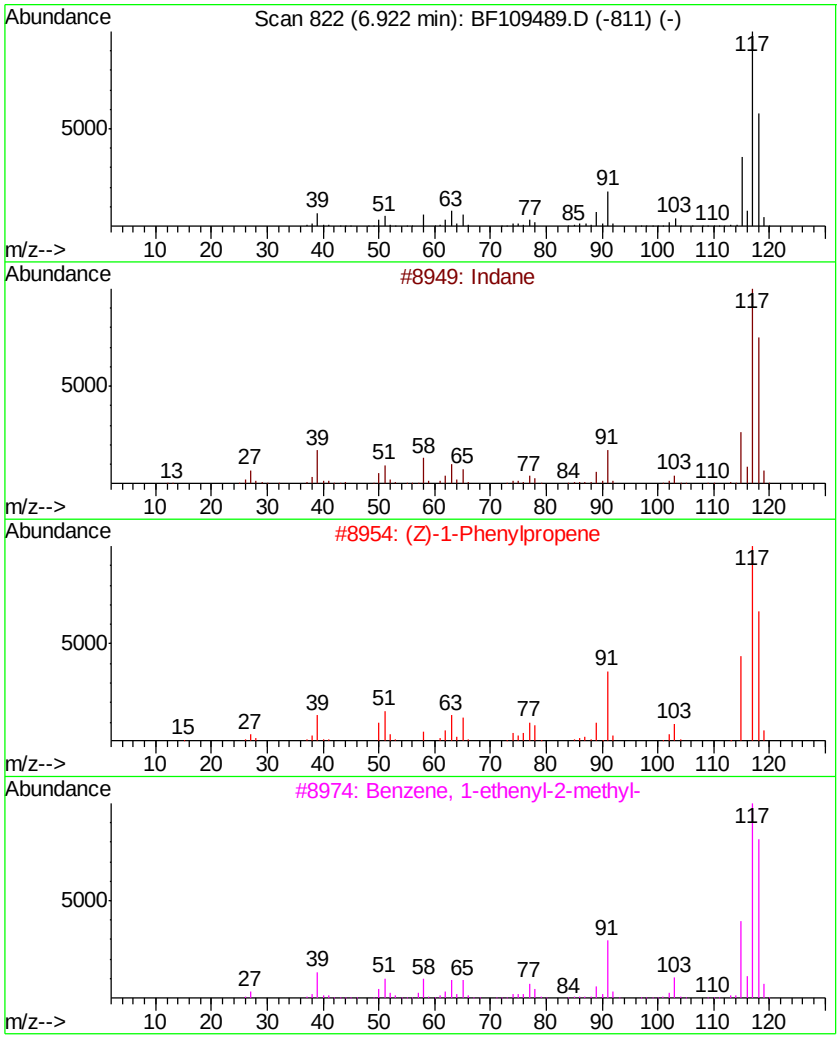
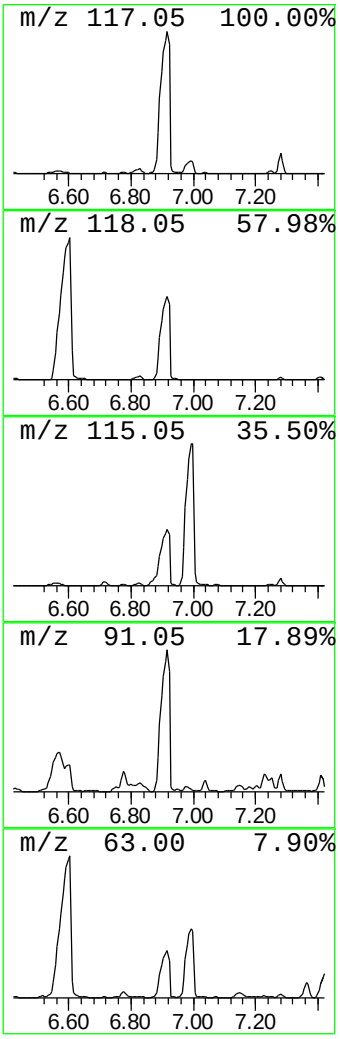
Peak Number 9 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	524.33 ng	14929600	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64





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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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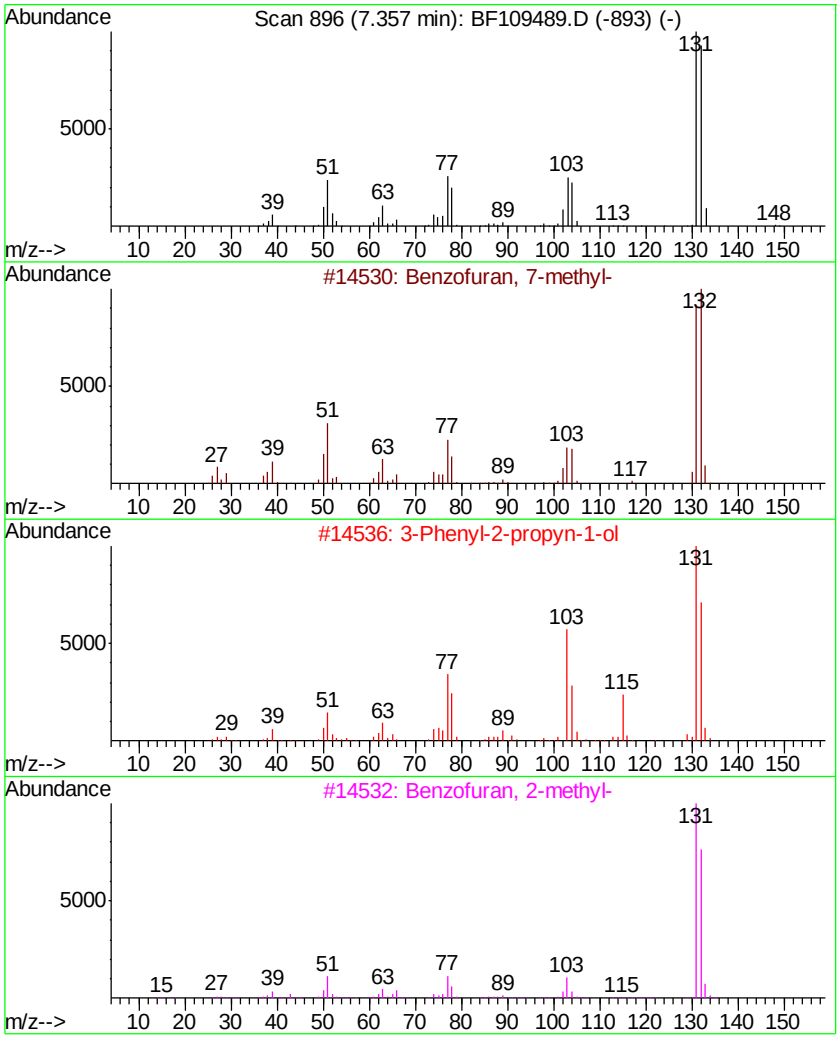
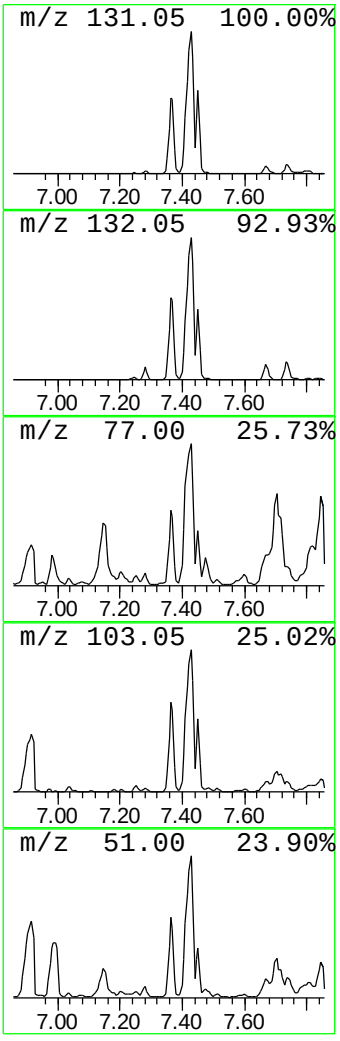
Peak Number 10 Benzofuran, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	68.76 ng	2857640	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	1H-Indenol	132	C9H8O	056631-57-3	87





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ClientSampleId : QNWP8-MW26S-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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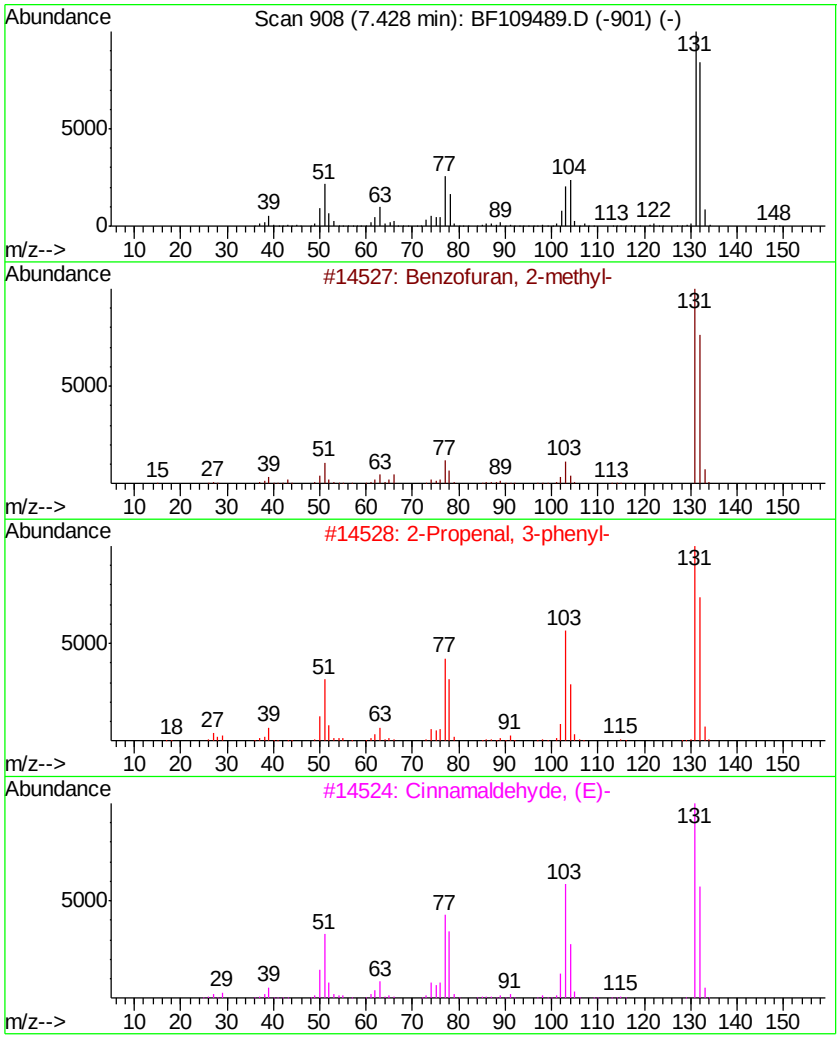
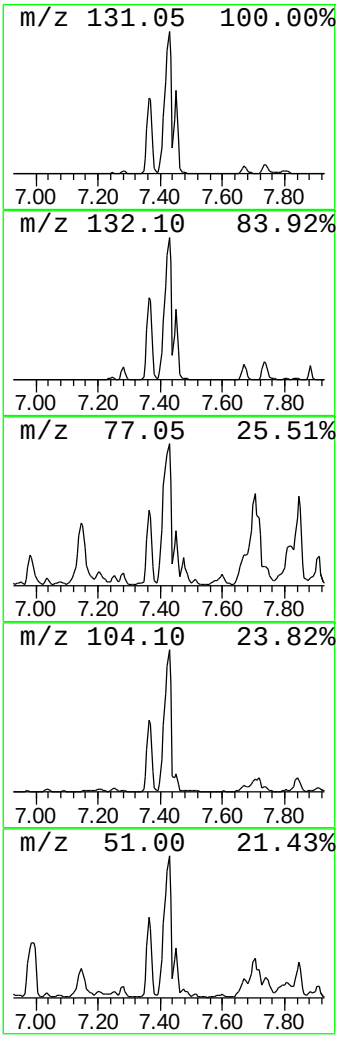
Peak Number 11 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	191.39 ng	7954210	Naphthalene-d8	7.99

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	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	83
5	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	83





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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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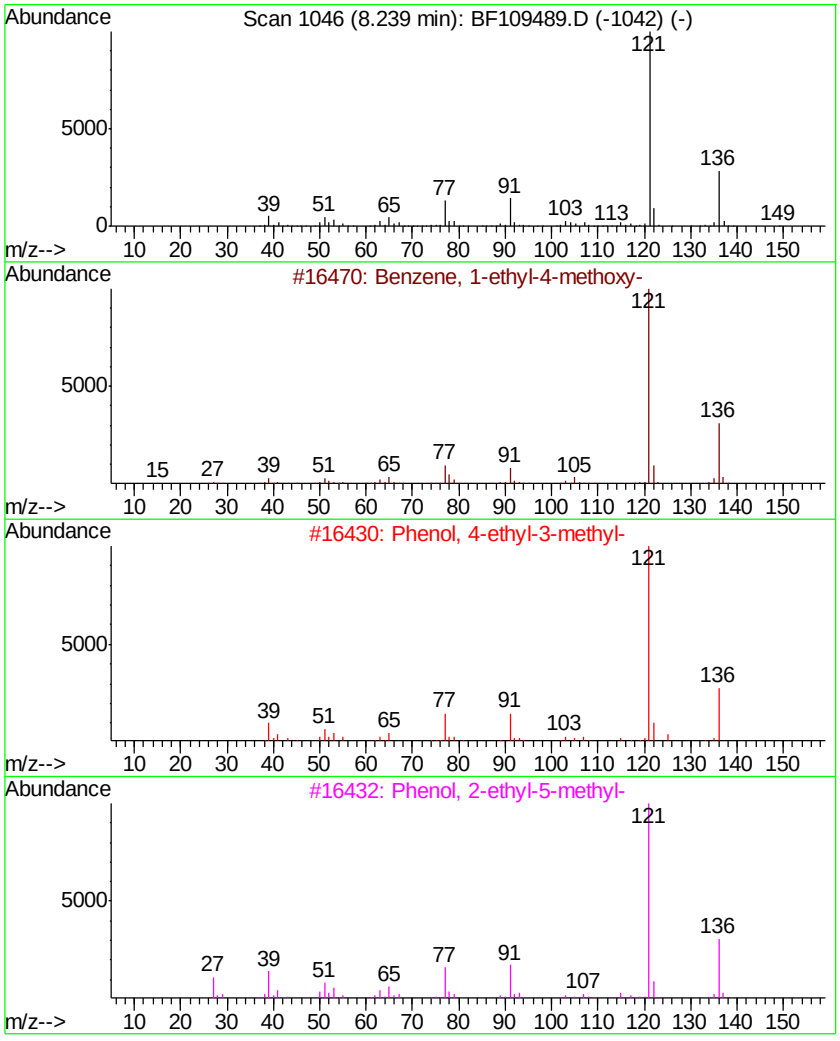
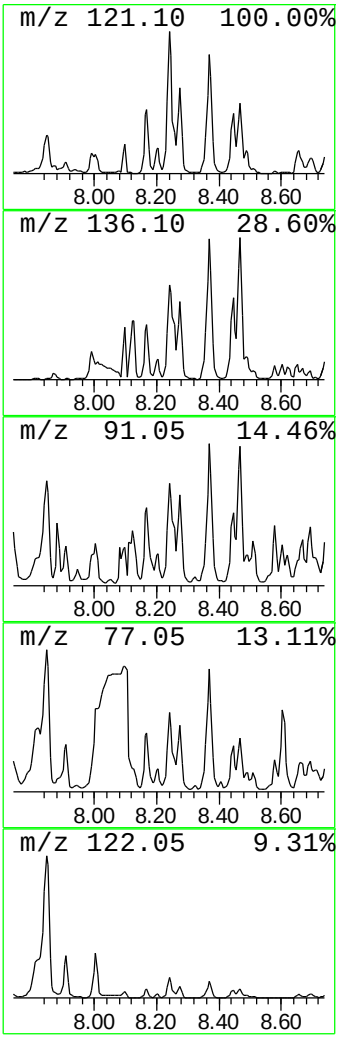
Peak Number 12 Benzene, 1-ethyl-4-methoxy- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	65.74 ng	2732260	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90





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Misc :
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Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-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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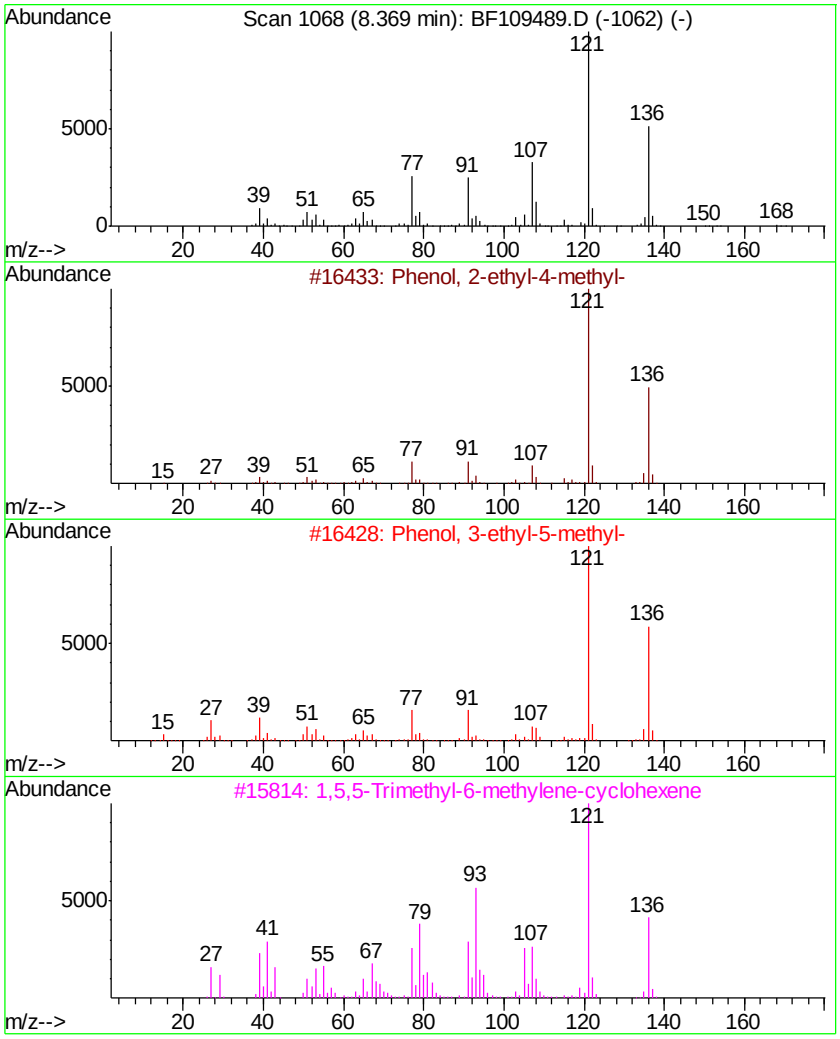
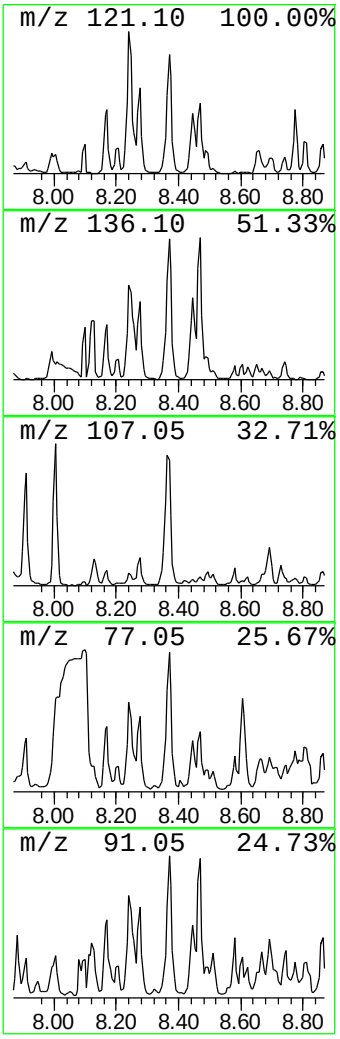
Peak Number 13 Phenol, 2-ethyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	75.83 ng	3151400	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
3	1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	86
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	72
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	72





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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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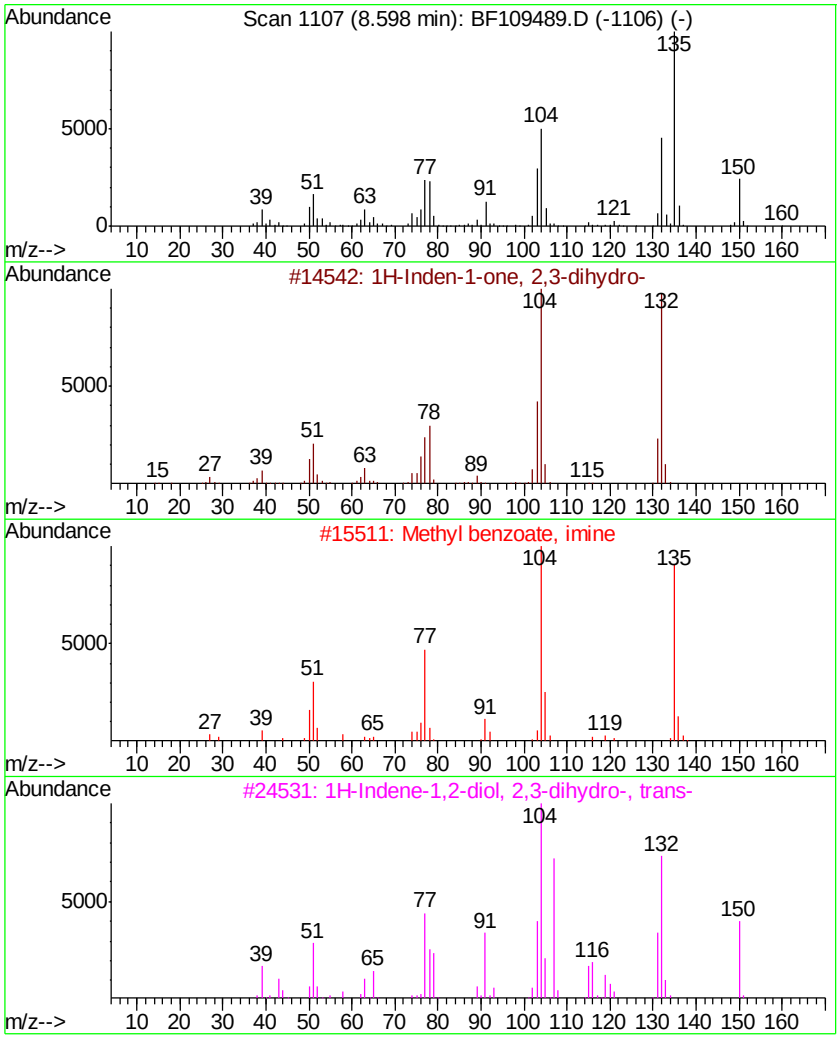
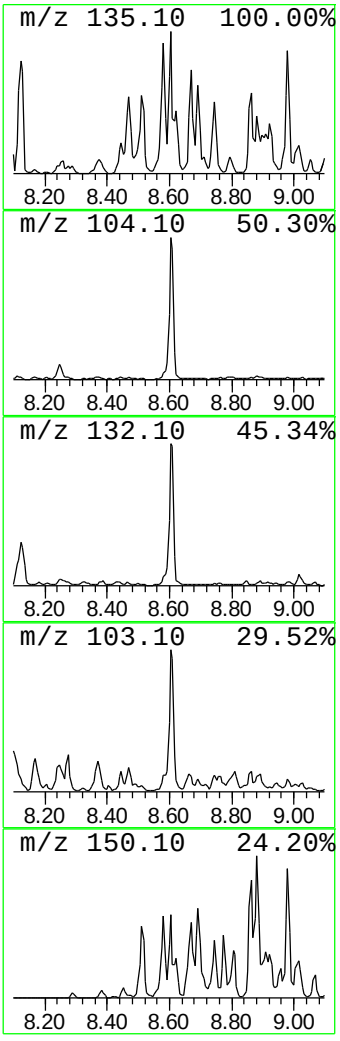
Peak Number 14 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	50.84 ng	2113020	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	92
2	Methyl benzoate, imine	135	C8H9NO	007471-86-5	60
3	1H-Indene-1,2-diol, 2,3-dihydro-...	150	C9H10O2	004647-43-2	46
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	46
5	Styrene	104	C8H8	000100-42-5	46





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TIC Library : C:\DATABASE\NIST11.L
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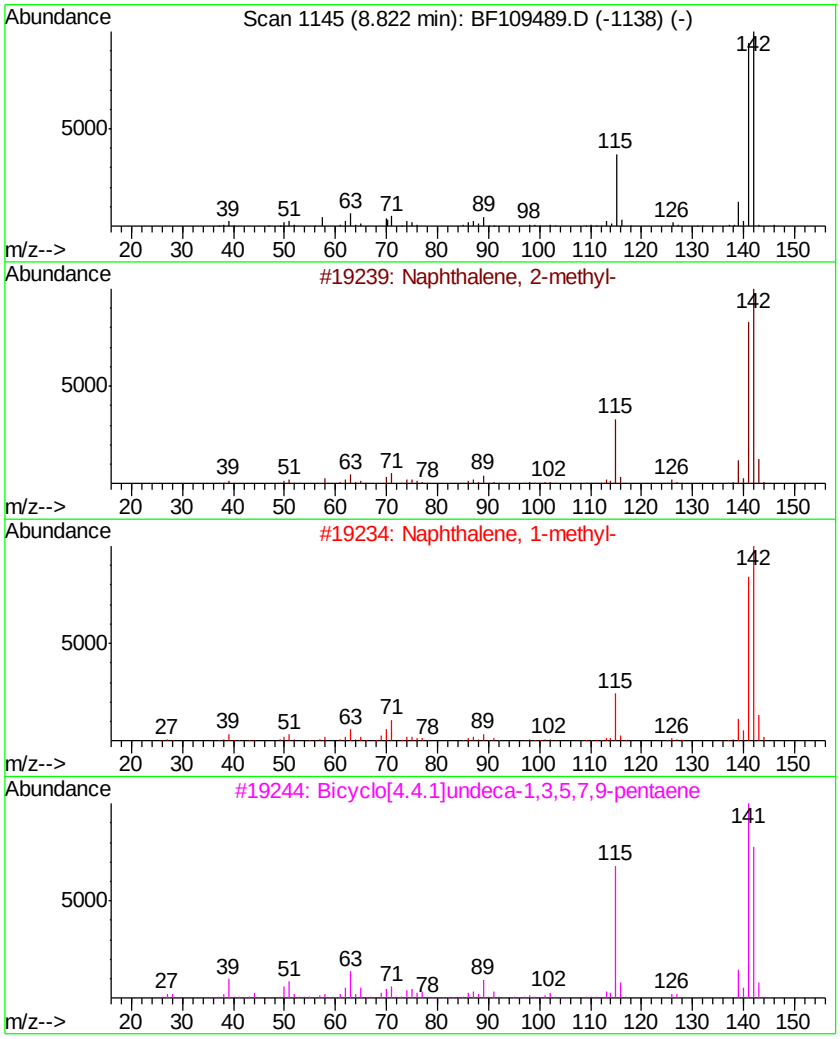
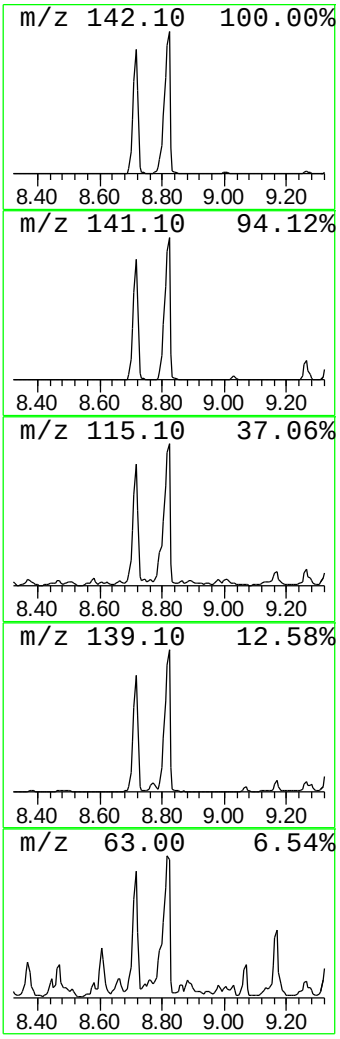
Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	186.78 ng	7762630	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
4	Benzocycloheptatriene	142	C11H10	000264-09-5	87
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	83





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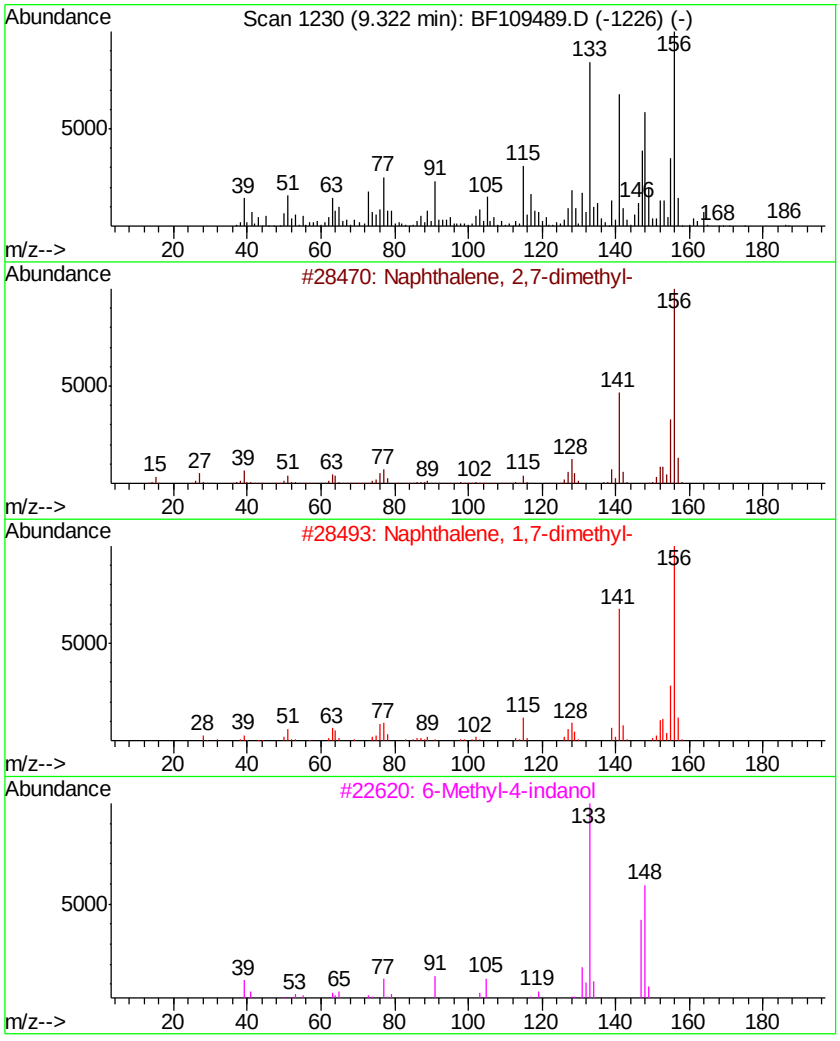
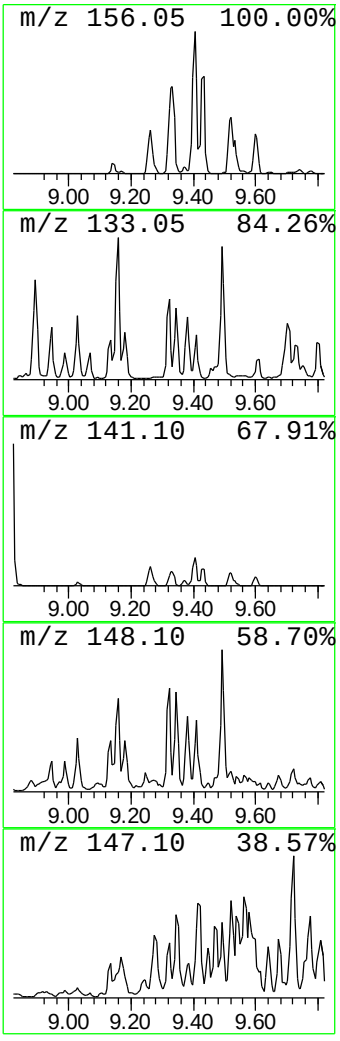
Peak Number 16 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	75.75 ng	3060500	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	89
3	6-Methyl-4-indanol	148	C10H12O	020294-32-0	86
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	83





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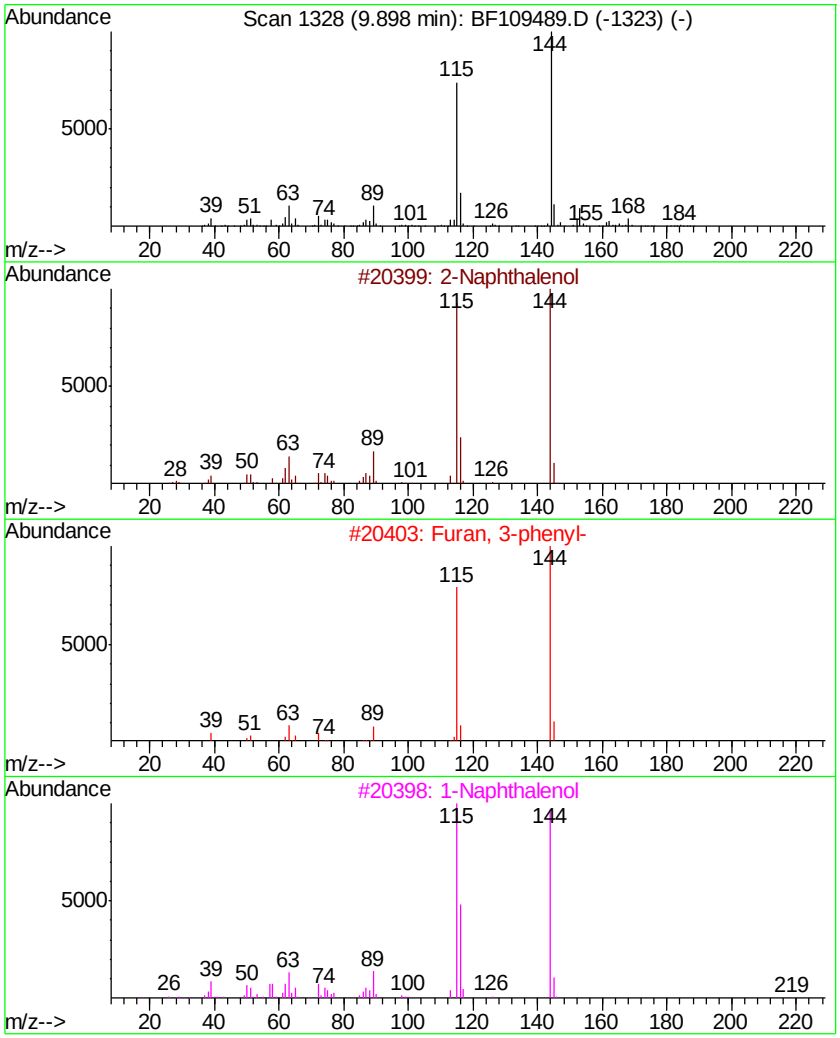
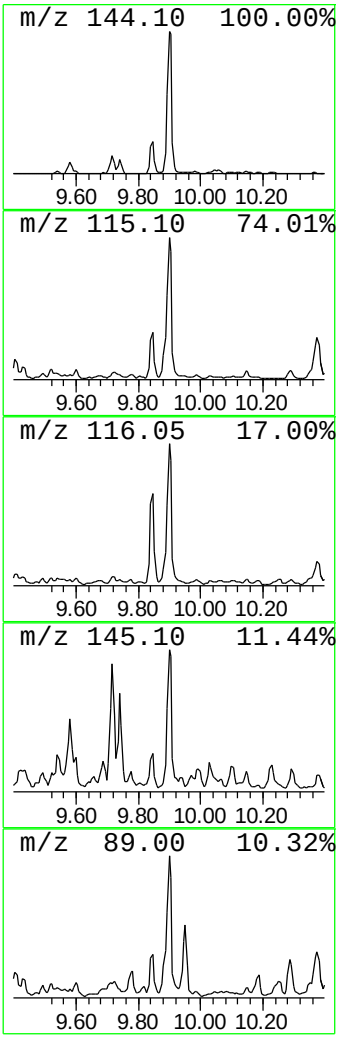
Peak Number 17 2-Naphthalenol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	84.25 ng	3404150	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol	144	C10H8O	000135-19-3	95
2	Furan, 3-phenyl-	144	C10H8O	013679-41-9	90
3	1-Naphthalenol	144	C10H8O	000090-15-3	87
4	Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	83
5	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109489.D
Acq On : 1 Oct 2018 22:35
Operator : JU/SJ
Sample : J5155-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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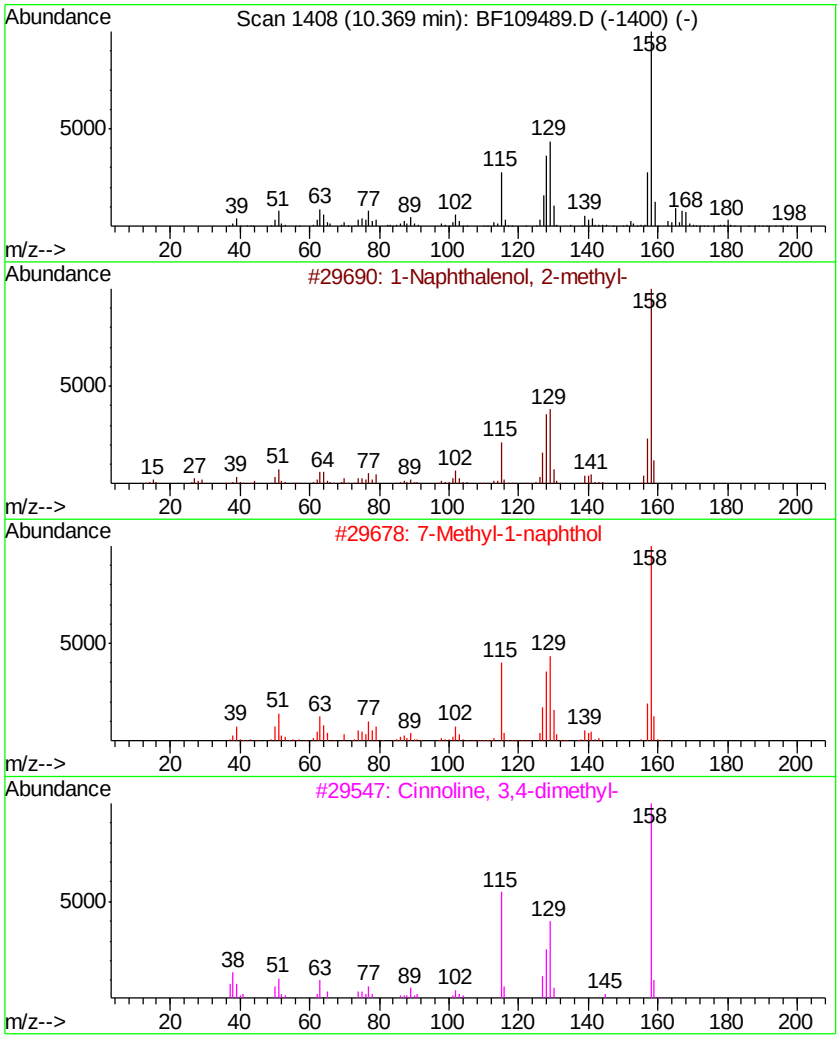
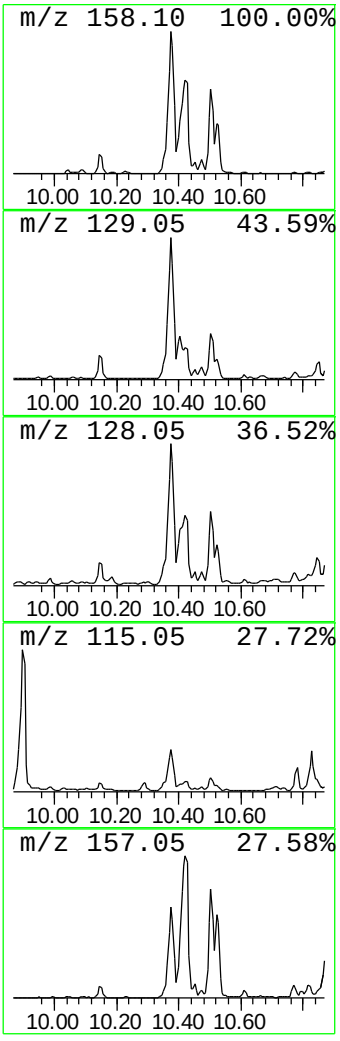
Peak Number 18 1-Naphthalenol, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	97.27 ng	3930040	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	96
2	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	93
3	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	59
4	1H-Pyrazole, 3-methyl-5-phenyl-	158	C10H10N2	003347-62-4	47
5	2-Amino-3H-benzoimidazole-5-carb...	158	C8H6N4	063655-40-3	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109489.D
Acq On : 1 Oct 2018 22:35
Operator : JU/SJ
Sample : J5155-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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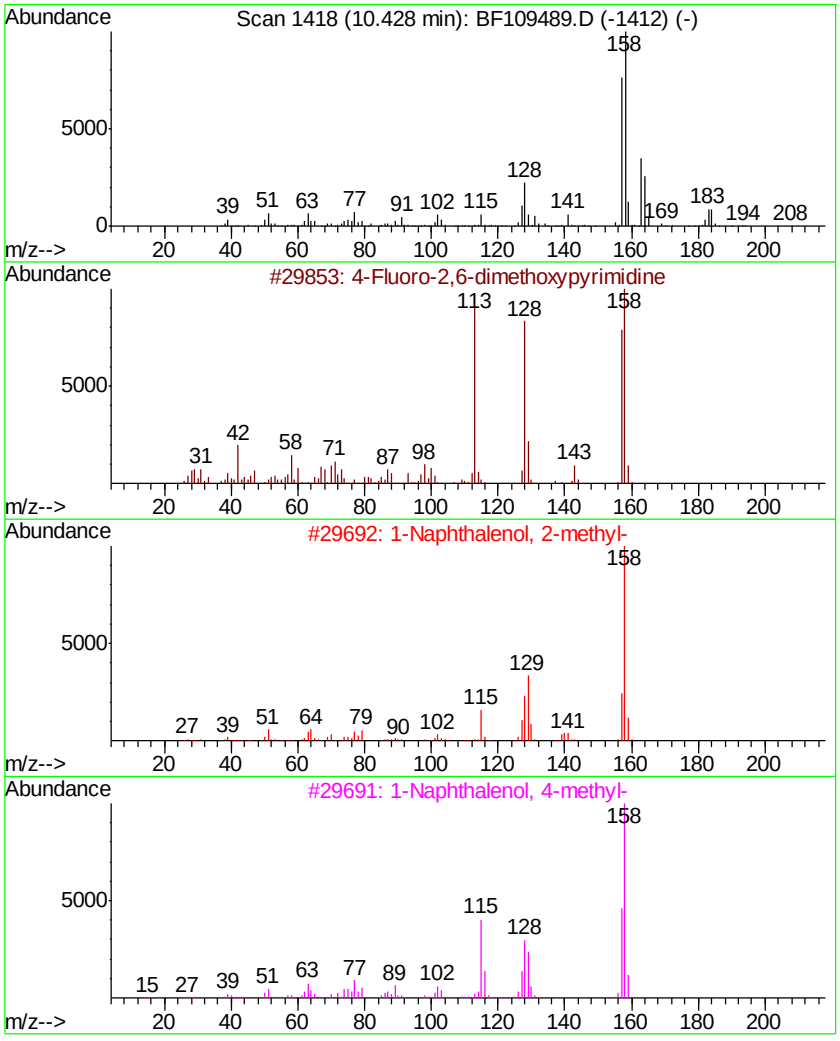
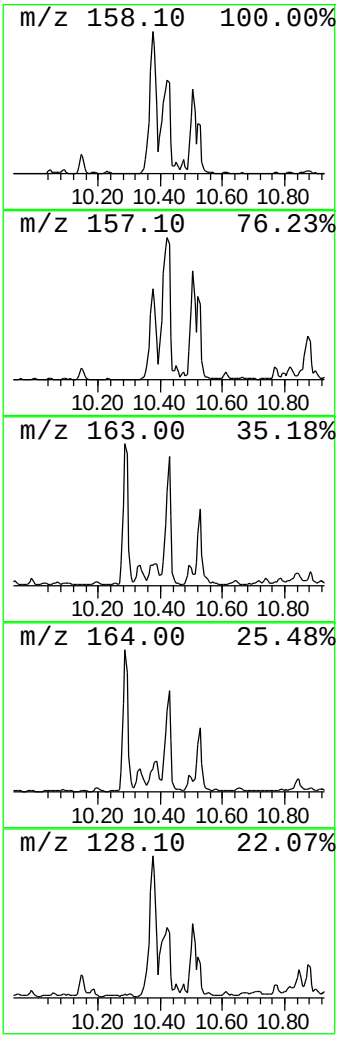
Peak Number 19 4-Fluoro-2,6-dimethoxypyrim... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	80.26 ng	3242860	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-2,6-dimethoxypyrimidine	158	C6H7FN2O2	000658-87-7	59
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	43
3	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	43
4	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	40
5	1,3-Oxazolidine, 4-methyl-cis-5-...	264	C17H16N2O	1000138-86-2	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109489.D
Acq On : 1 Oct 2018 22:35
Operator : JU/SJ
Sample : J5155-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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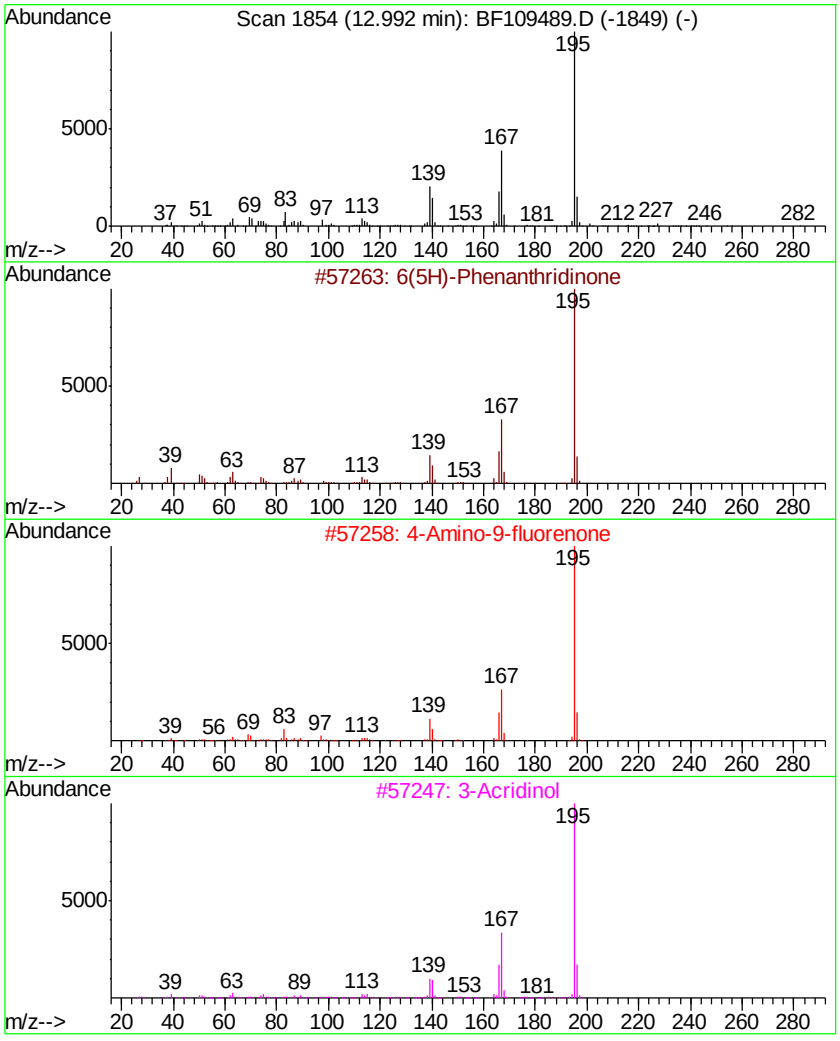
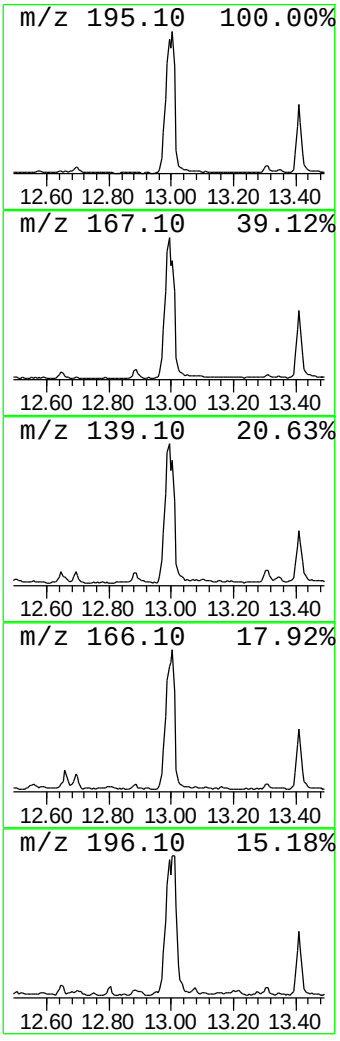
Peak Number 20 6(5H)-Phenanthridinone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	47.97 ng	1765940	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
3	3-Acridinol	195	C13H9NO	007132-70-9	95
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
5	7-methyl-4-azafluorenone	195	C13H9NO	064292-02-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100118\
Data File : BF109489.D
Acq On : 1 Oct 2018 22:35
Operator : JU/SJ
Sample : J5155-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
1,3-Cyclopentadie...	5.19	424.1	ng	12077000	1	6.72	569473	20.0
Benzene, 1,3-dime...	5.57	384.1	ng	10936600	1	6.72	569473	20.0
Benzene, 1-ethyl-...	6.24	73.6	ng	2096590	1	6.72	569473	20.0
Mesitylene	6.32	79.4	ng	2260310	1	6.72	569473	20.0
unknown6.51	6.51	73.2	ng	2084330	1	6.72	569473	20.0
Benzofuran	6.60	795.2	ng	22643300	1	6.72	569473	20.0
Benzene, 1,2,3-tr...	6.77	84.3	ng	2401330	1	6.72	569473	20.0
Indane	6.92	524.3	ng	14929600	1	6.72	569473	20.0
Benzofuran, 7-met...	7.36	68.8	ng	2857640	2	7.99	831213	20.0
Benzofuran, 2-met...	7.43	191.4	ng	7954210	2	7.99	831213	20.0
Benzene, 1-ethyl-...	8.24	65.7	ng	2732260	2	7.99	831213	20.0
Phenol, 2-ethyl-4...	8.37	75.8	ng	3151400	2	7.99	831213	20.0
1H-Inden-1-one, 2...	8.60	50.8	ng	2113020	2	7.99	831213	20.0
Naphthalene, 1-me...	8.82	186.8	ng	7762630	2	7.99	831213	20.0
Naphthalene, 2,7-...	9.32	75.8	ng	3060500	3	9.74	808085	20.0
2-Naphthalenol	9.90	84.3	ng	3404150	3	9.74	808085	20.0
1-Naphthalenol, 2...	10.37	97.3	ng	3930040	3	9.74	808085	20.0
4-Fluoro-2,6-dime...	10.43	80.3	ng	3242860	3	9.74	808085	20.0
6(5H)-Phenanthrid...	12.99	48.0	ng	1765940	5	13.85	736239	20.0