LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097461.D
Acq On : 8 Aug 2017 6:56
Operator : SJ/JU
Sample : I4629-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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	4.534	464	467	480	rBV	52944	97995	3.95%	0.282%
2	5.004	544	547	565	rBV	1010022	1384965	55.82%	3.980%
3	6.086	728	731	744	rBV	605040	864934	34.86%	2.485%
4	6.186	744	748	754	rVV	2249596	2266162	91.34%	6.512%
5	6.233	754	756	759	rVB	48344	47572	1.92%	0.137%
6	6.410	783	786	794	rBV	574105	541266	21.82%	1.555%
7	6.469	794	796	800	rBV	60836	55895	2.25%	0.161%
8	6.569	809	813	815	rBV	2232999	2225370	89.70%	6.395%
9	6.586	815	816	823	rVV	533214	503280	20.29%	1.446%
10	6.669	827	830	839	rVB2	283077	310004	12.50%	0.891%
11	6.739	839	842	844	rBV	126615	123227	4.97%	0.354%
12	6.763	844	846	850	rVV	156759	138597	5.59%	0.398%
13	6.804	850	853	859	rVV3	27385	42210	1.70%	0.121%
14	6.892	864	868	870	rBV2	85482	90391	3.64%	0.260%
15	6.957	873	879	881	rBV2	450792	559947	22.57%	1.609%
16	6.986	881	884	889	rVV2	2177325	2198041	88.60%	6.316%
17	7.028	889	891	895	rVB4	50737	54014	2.18%	0.155%
18	7.069	895	898	901	rVB3	78700	82367	3.32%	0.237%
19	7.104	901	904	907	rVB	99381	90260	3.64%	0.259%
20	7.175	913	916	917	rBV2	65030	67695	2.73%	0.195%
21	7.192	917	919	922	rVB	377481	291376	11.74%	0.837%
22	7.222	922	924	927	rVB	156559	118718	4.79%	0.341%
23	7.269	929	932	936	rVB2	50160	59923	2.42%	0.172%
24	7.310	936	939	942	rBV2	86036	85945	3.46%	0.247%
25	7.369	943	949	956	rVB5	336896	607576	24.49%	1.746%
26	7.439	956	961	965	rBV2	1003179	1151501	46.41%	3.309%
27	7.480	965	968	970	rVB	114711	84327	3.40%	0.242%
28	7.516	970	974	975	rBV3	73220	87600	3.53%	0.252%
29	7.528	975	976	981	rVB2	135161	149838	6.04%	0.431%
30	7.580	981	985	989	rVB	101528	104063	4.19%	0.299%
31	7.633	992	994	995	rBV2	47666	36676	1.48%	0.105%
32	7.663	995	999	1001	rBV3	168657	221736	8.94%	0.637%
33	7.692	1001	1004	1007	rVV	1148575	1014996	40.91%	2.917%
34	7.722	1007	1009	1011	rVV	328389	264263	10.65%	0.759%

LSC Area Percent Report

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Data File : BF097461.D
Acq On : 8 Aug 2017 6:56
Operator : SJ/JU
Sample : I4629-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.745	1011	1013	1017	rVB	390963	351031	14.15%	1.009%
36	7.798	1017	1022	1025	rVB3	144513	154491	6.23%	0.444%
37	7.833	1025	1028	1030	rBV3	81114	97473	3.93%	0.280%
38	7.857	1030	1032	1034	rVB	126961	91409	3.68%	0.263%
39	7.892	1034	1038	1043	rBV	393436	390614	15.74%	1.122%
40	7.939	1043	1046	1048	rBV	388416	354388	14.28%	1.018%
41	7.975	1048	1052	1055	rBV3	280304	314421	12.67%	0.903%
42	8.027	1059	1061	1063	rBV	53193	43262	1.74%	0.124%
43	8.086	1067	1071	1074	rVB	367134	334864	13.50%	0.962%
44	8.122	1074	1077	1079	rBV3	61008	58478	2.36%	0.168%
45	8.169	1079	1085	1087	rBV	350663	384852	15.51%	1.106%
46	8.198	1087	1090	1094	rBV	436754	413586	16.67%	1.188%
47	8.263	1099	1101	1103	rVB	136477	85452	3.44%	0.246%
48	8.286	1103	1105	1109	rVB3	205494	276655	11.15%	0.795%
49	8.333	1110	1113	1114	rBV3	41493	48513	1.96%	0.139%
50	8.357	1114	1117	1120	rVB	513004	451530	18.20%	1.297%
51	8.392	1120	1123	1125	rBV2	87481	70772	2.85%	0.203%
52	8.451	1129	1133	1136	rBV3	87303	103209	4.16%	0.297%
53	8.504	1136	1142	1147	rBV3	605487	1046946	42.20%	3.008%
54	8.545	1147	1149	1152	rVB	97418	108501	4.37%	0.312%
55	8.604	1157	1159	1162	rVB3	87391	89662	3.61%	0.258%
56	8.633	1162	1164	1167	rBV2	125699	124711	5.03%	0.358%
57	8.704	1173	1176	1178	rVB2	88696	70518	2.84%	0.203%
58	8.733	1178	1181	1184	rBV3	88242	97776	3.94%	0.281%
59	8.774	1184	1188	1191	rVB	2600076	2480970	100.00%	7.129%
60	8.822	1191	1196	1199	rVB3	144517	186516	7.52%	0.536%
61	8.869	1199	1204	1206	rBV4	122955	172173	6.94%	0.495%
62	8.892	1206	1208	1210	rBV2	62478	59582	2.40%	0.171%
63	8.916	1210	1212	1215	rVB	219240	200545	8.08%	0.576%
64	8.945	1215	1217	1220	rBV2	175087	131137	5.29%	0.377%
65	9.027	1228	1231	1232	rBV2	275887	230119	9.28%	0.661%
66	9.104	1240	1244	1246	rBV	530276	584450	23.56%	1.679%
67	9.127	1246	1248	1254	rVB4	306633	371204	14.96%	1.067%
68	9.174	1254	1256	1259	rBV2	101949	87197	3.51%	0.251%
69	9.216	1259	1263	1265	rBV3	147153	231403	9.33%	0.665%
70	9.298	1275	1277	1279	rVB2	72810	57820	2.33%	0.166%
71	9.392	1290	1293	1296	rBV4	65177	110947	4.47%	0.319%

LSC Area Percent Report

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Acq On : 8 Aug 2017 6:56
Operator : SJ/JU
Sample : I4629-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.439	1296	1301	1304	rBV2	739185	860180	34.67%	2.472%
73	9.516	1311	1314	1315	rBV3	56841	70391	2.84%	0.202%
74	9.621	1329	1332	1334	rBV3	86323	100838	4.06%	0.290%
75	9.645	1334	1336	1340	rVB	229996	193112	7.78%	0.555%
76	9.686	1340	1343	1346	rBV	158999	141491	5.70%	0.407%
77	9.757	1352	1355	1359	rBV4	315209	332521	13.40%	0.956%
78	9.792	1359	1361	1363	rVB3	57045	48489	1.95%	0.139%
79	9.821	1363	1366	1372	rBV6	171945	240571	9.70%	0.691%
80	9.939	1383	1386	1389	rBV3	128245	166431	6.71%	0.478%
81	9.980	1391	1393	1396	rVB	188437	170917	6.89%	0.491%
82	10.045	1401	1404	1406	rVV	322041	299909	12.09%	0.862%
83	10.069	1406	1408	1411	rVB4	97185	99725	4.02%	0.287%
84	10.227	1431	1435	1440	rVV	1140057	1215311	48.99%	3.492%
85	10.292	1444	1446	1448	rBV3	57710	49251	1.99%	0.142%
86	10.357	1454	1457	1459	rBV2	125828	142695	5.75%	0.410%
87	10.557	1488	1491	1492	rBV	137622	106786	4.30%	0.307%
88	10.580	1492	1495	1502	rVB7	147729	261178	10.53%	0.751%
89	10.639	1503	1505	1507	rBV3	48097	52288	2.11%	0.150%
90	10.910	1548	1551	1555	rVB	576880	510085	20.56%	1.466%
91	11.033	1569	1572	1579	rBV6	60880	82833	3.34%	0.238%
92	11.480	1646	1648	1652	rVB3	118067	126767	5.11%	0.364%
93	11.686	1680	1683	1689	rVB2	85355	108031	4.35%	0.310%
94	11.957	1726	1729	1735	rVB3	79390	112341	4.53%	0.323%
95	12.257	1778	1780	1783	rBV2	87370	79087	3.19%	0.227%
96	12.498	1816	1821	1824	rBV	1804496	1796794	72.42%	5.163%
97	12.968	1898	1901	1906	rBV	102254	107532	4.33%	0.309%
98	13.539	1994	1998	2005	rVB	477813	488267	19.68%	1.403%
99	13.692	2020	2024	2025	rBV3	25198	38069	1.53%	0.109%
100	14.874	2222	2225	2230	rVB	286434	308729	12.44%	0.887%

Sum of corrected areas: 34800526

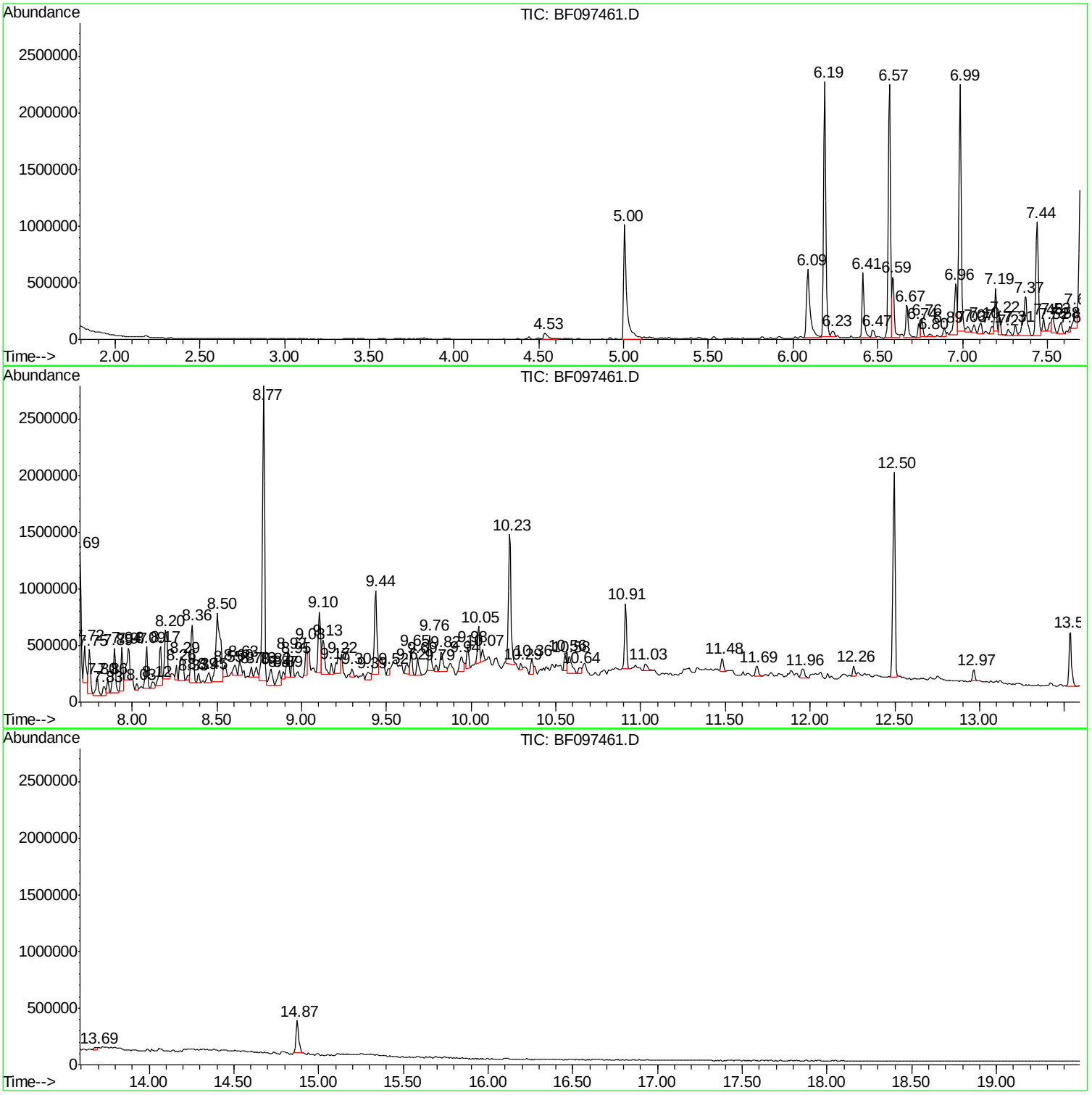
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097461.D
Acq On : 8 Aug 2017 6:56
Operator : SJ/JU
Sample : I4629-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097461.D
Acq On : 8 Aug 2017 6:56
Operator : SJ/JU
Sample : I4629-01
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Instrument : BNA_F
ClientSampleId : RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

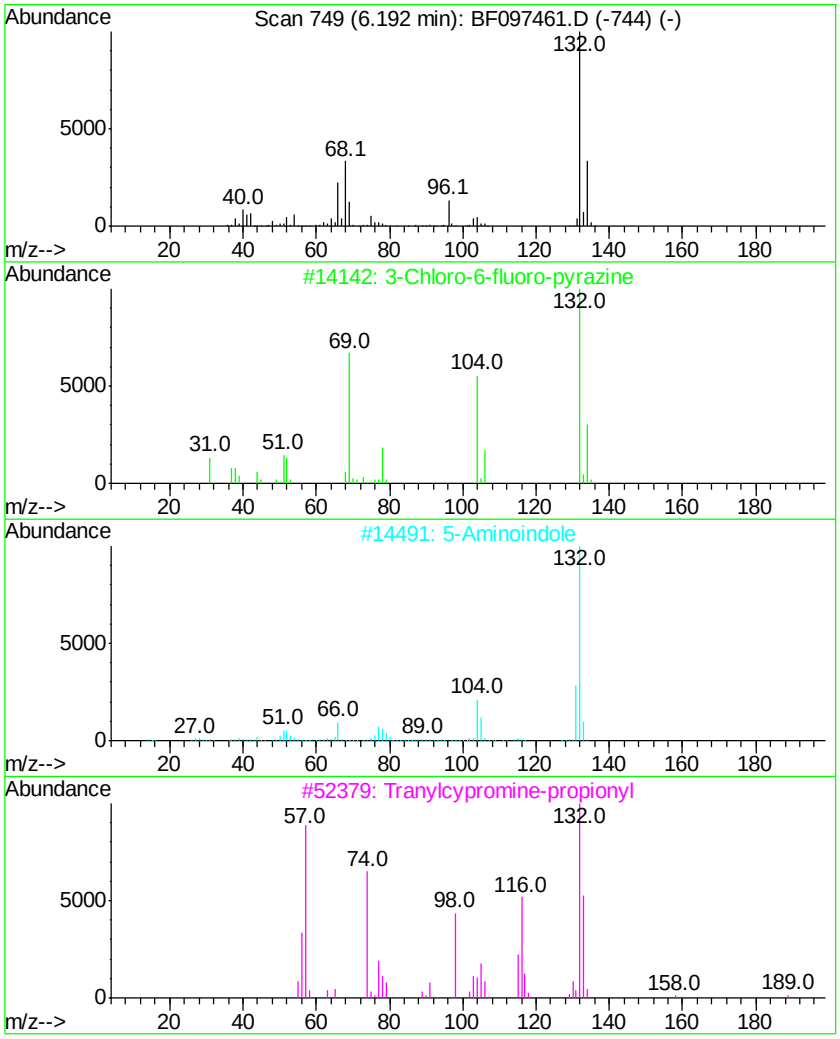
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

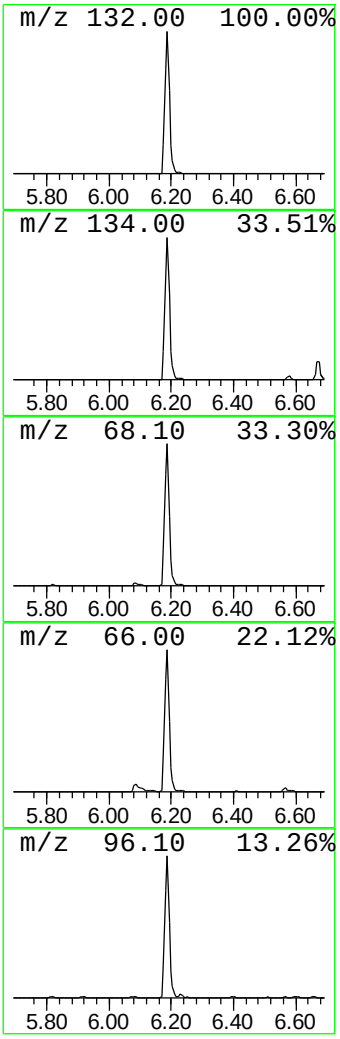
****

Peak Number 1 unknown6.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	83.74 ng	2266160	1,4-Dichlorobenzene-d4	6.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097461.D
Acq On : 8 Aug 2017 6:56
Operator : SJ/JU
Sample : I4629-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

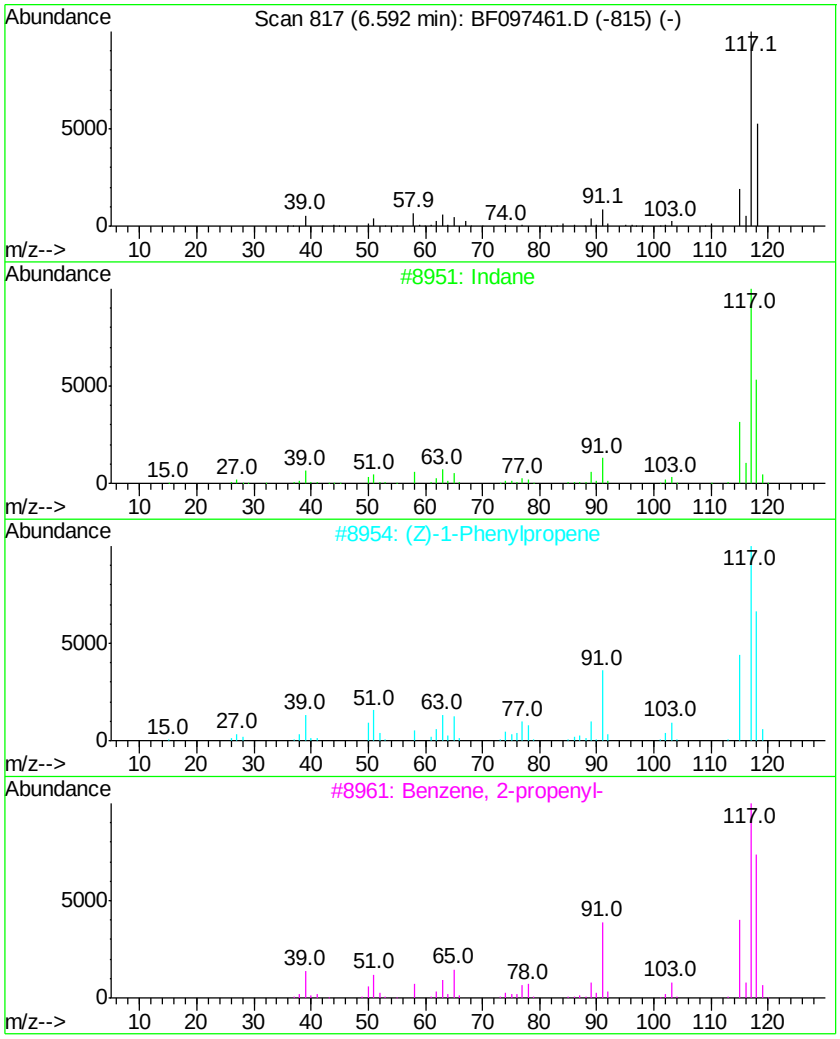
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

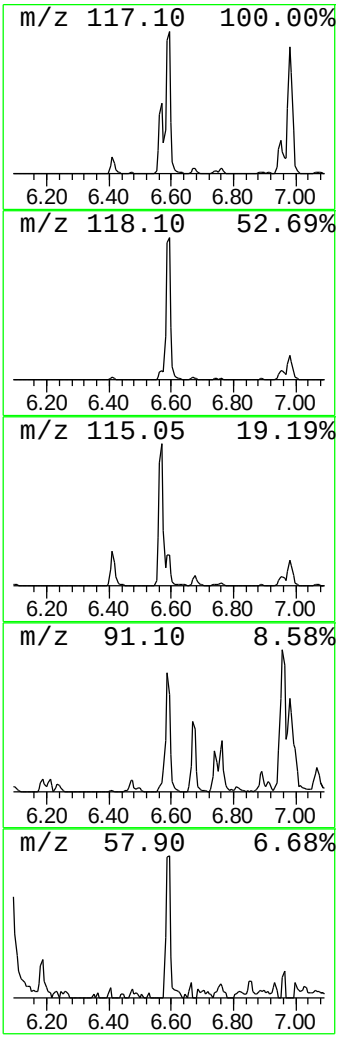
****

Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	18.60 ng	503280	1,4-Dichlorobenzene-d4	6.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	80
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
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Acq On : 8 Aug 2017 6:56
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Sample : I4629-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

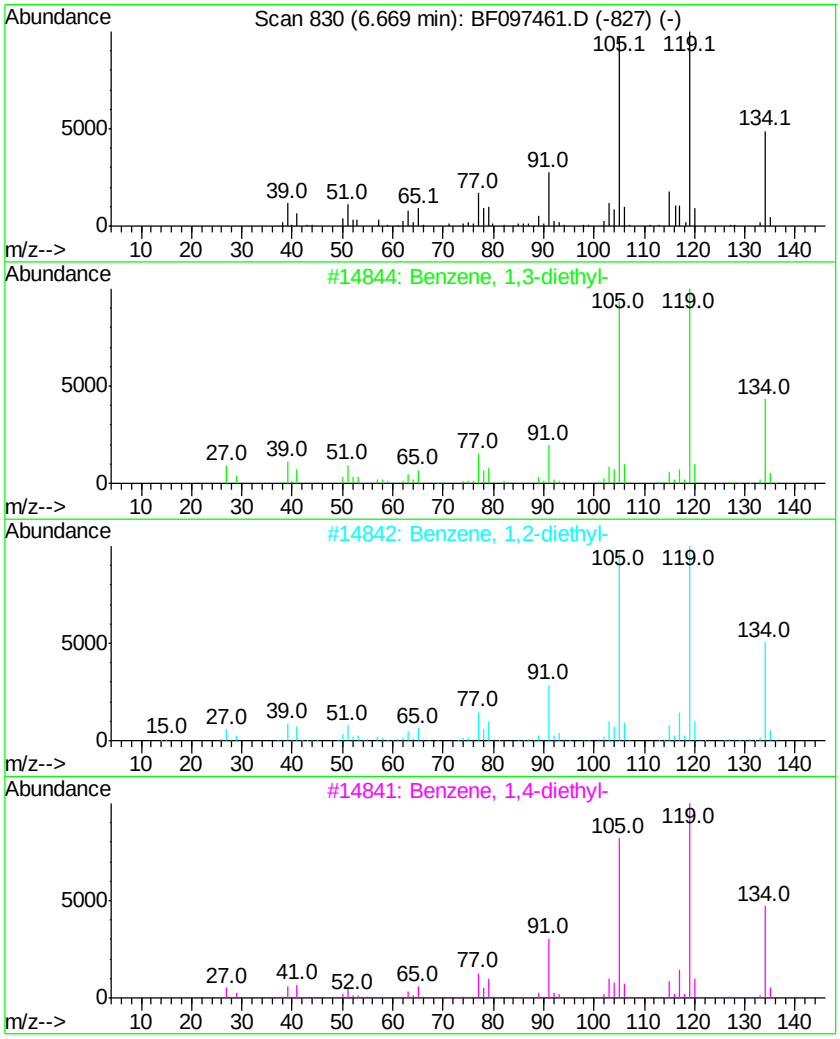
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

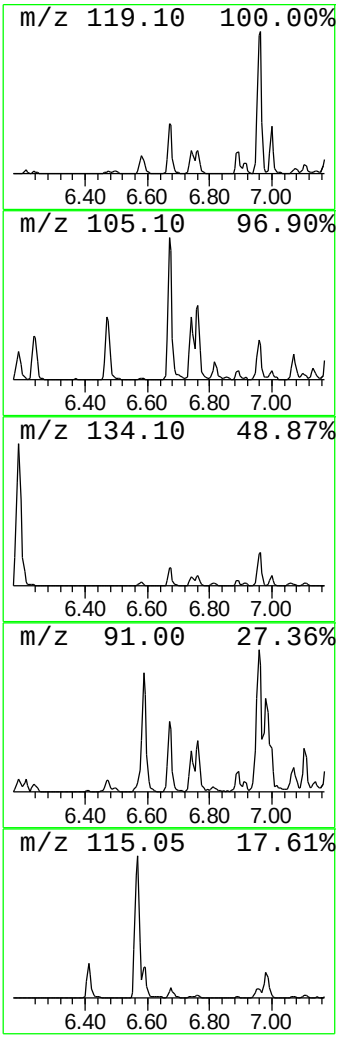
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	11.45 ng	310004	1,4-Dichlorobenzene-d4	6.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
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ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

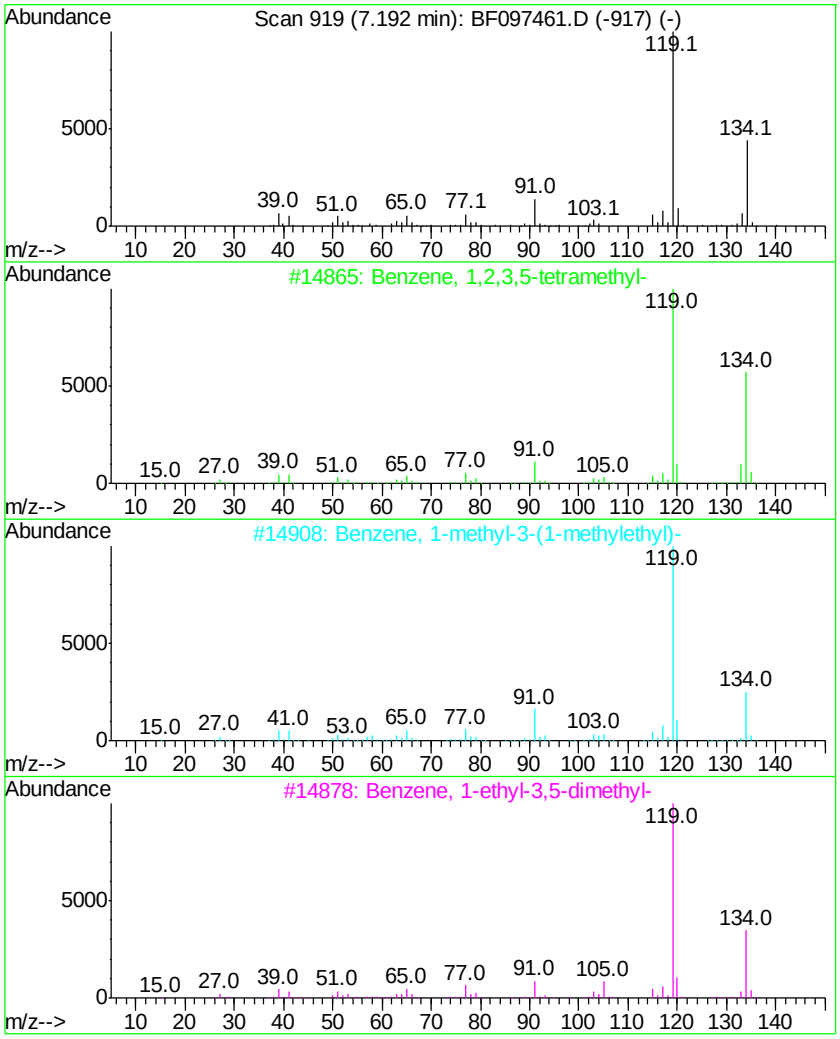
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

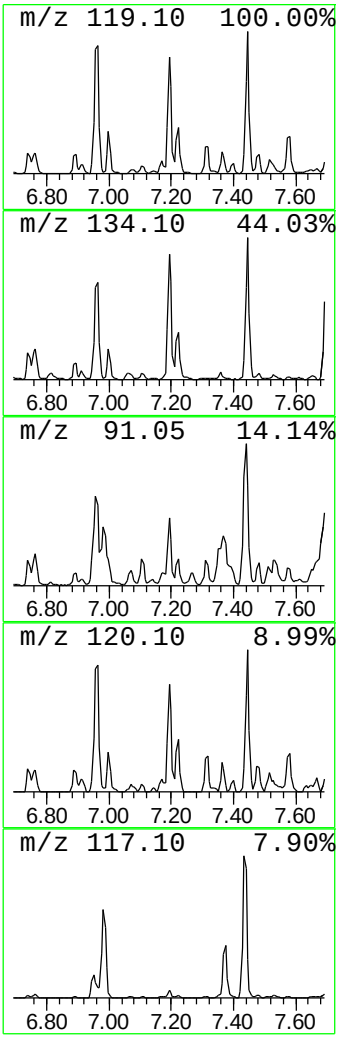
****

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	5.74 ng	291376	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097461.D
Acq On : 8 Aug 2017 6:56
Operator : SJ/JU
Sample : I4629-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

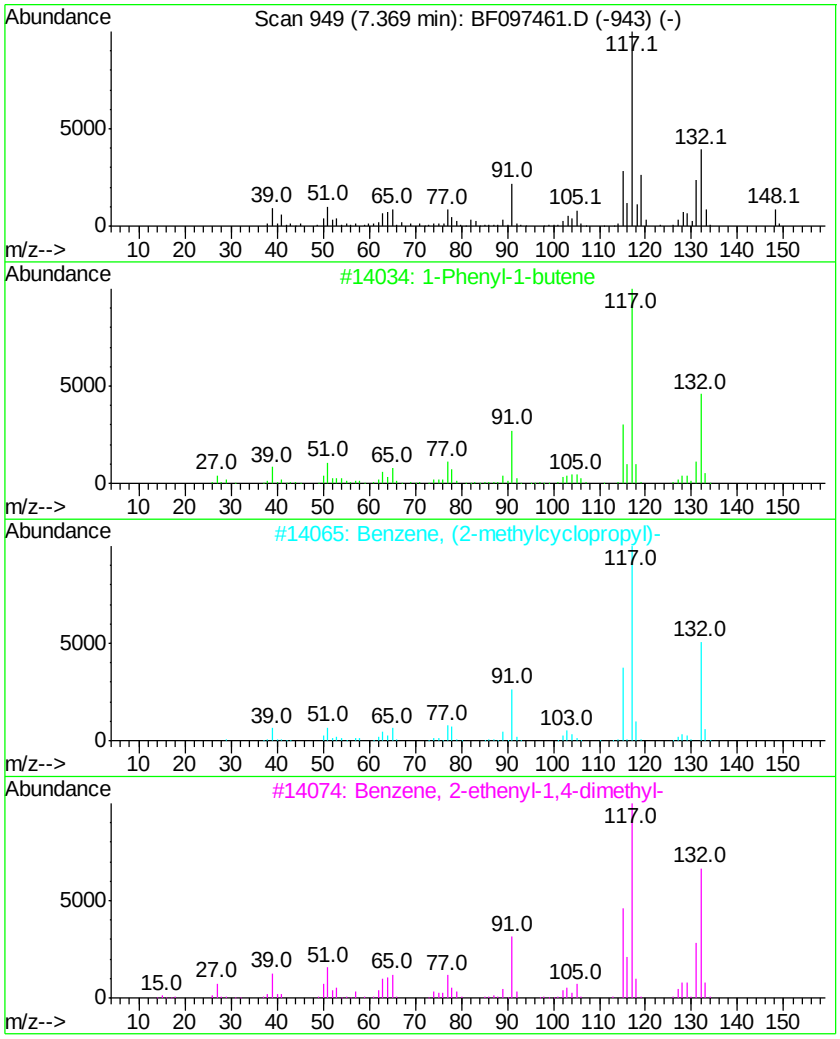
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

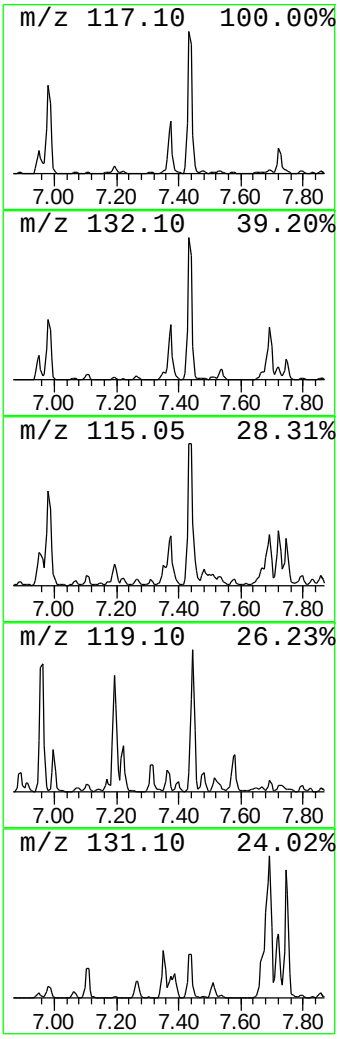
****

Peak Number 6 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	11.97 ng	607576	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	92
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	81





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Acq On : 8 Aug 2017 6:56
Operator : SJ/JU
Sample : I4629-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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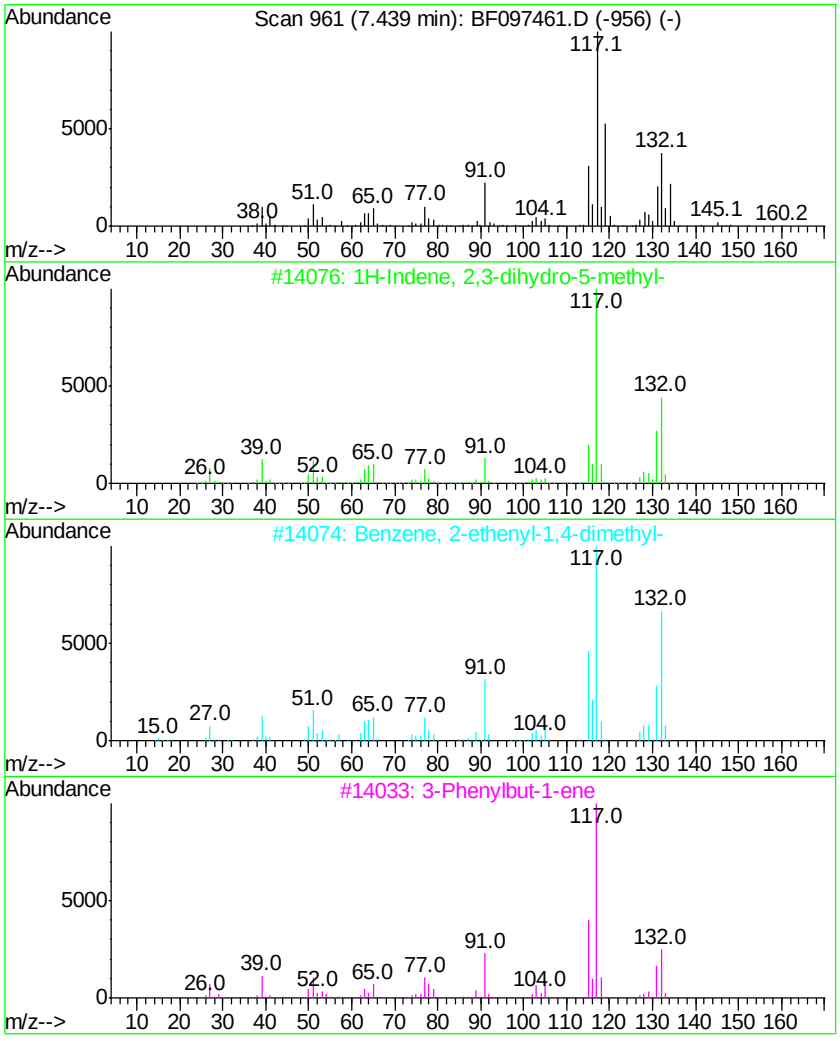
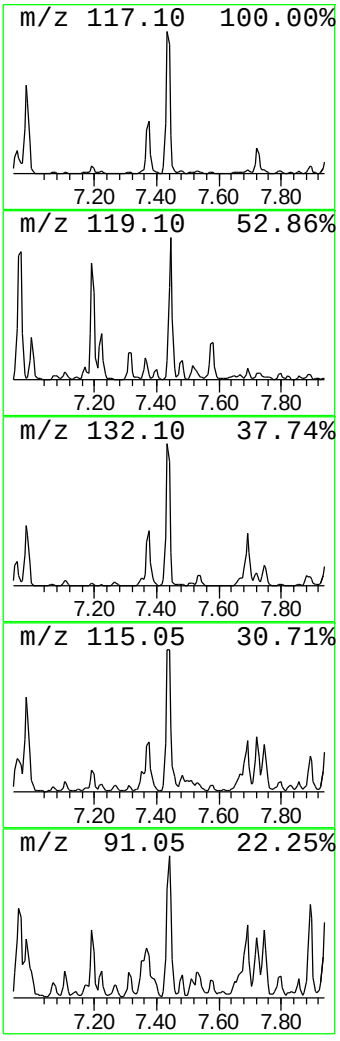
Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	22.69 ng	1151500	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	58





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

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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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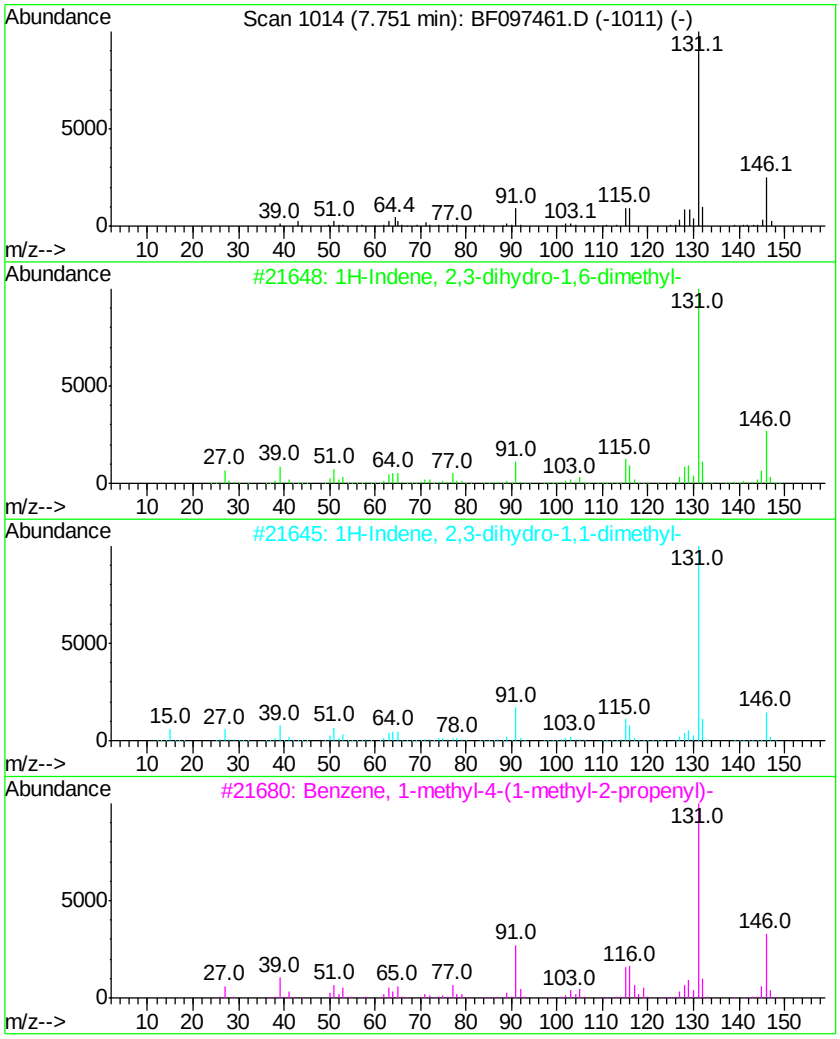
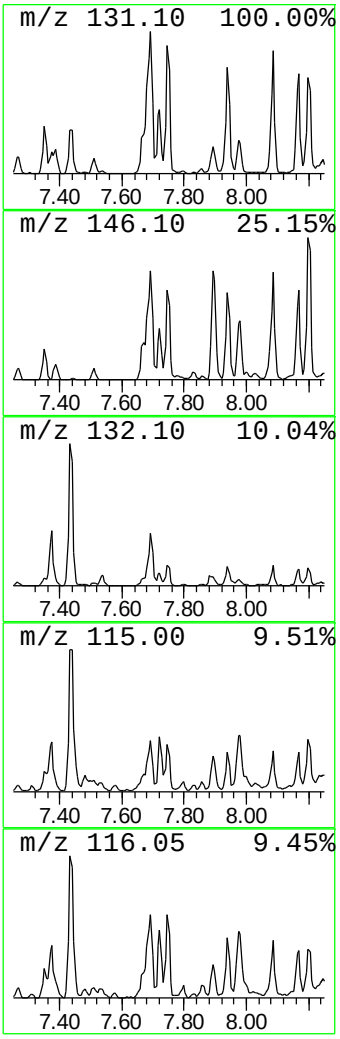
Peak Number 8 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	6.92 ng	351031	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	90





Library Search Compound Report

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ClientSampleId : RW-1

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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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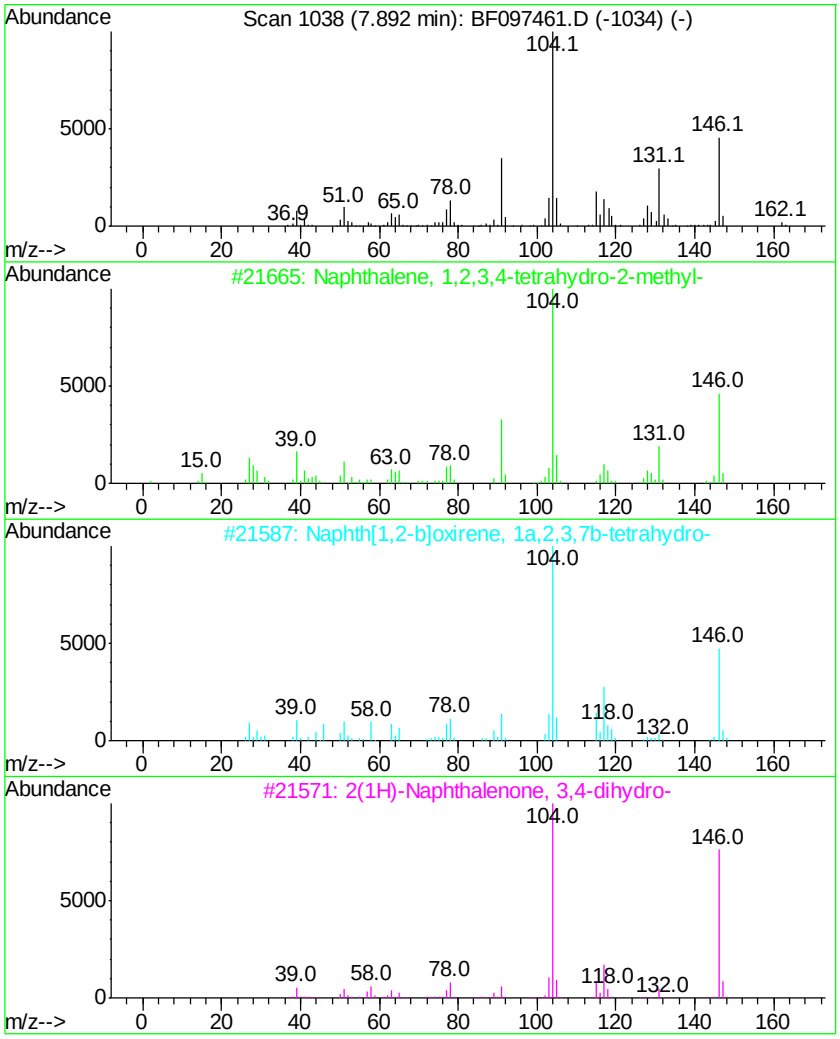
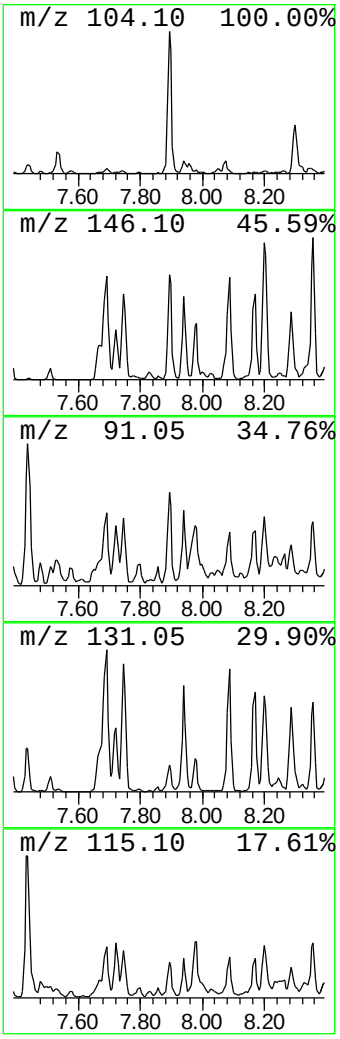
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	7.70 ng	390614	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	58
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	49





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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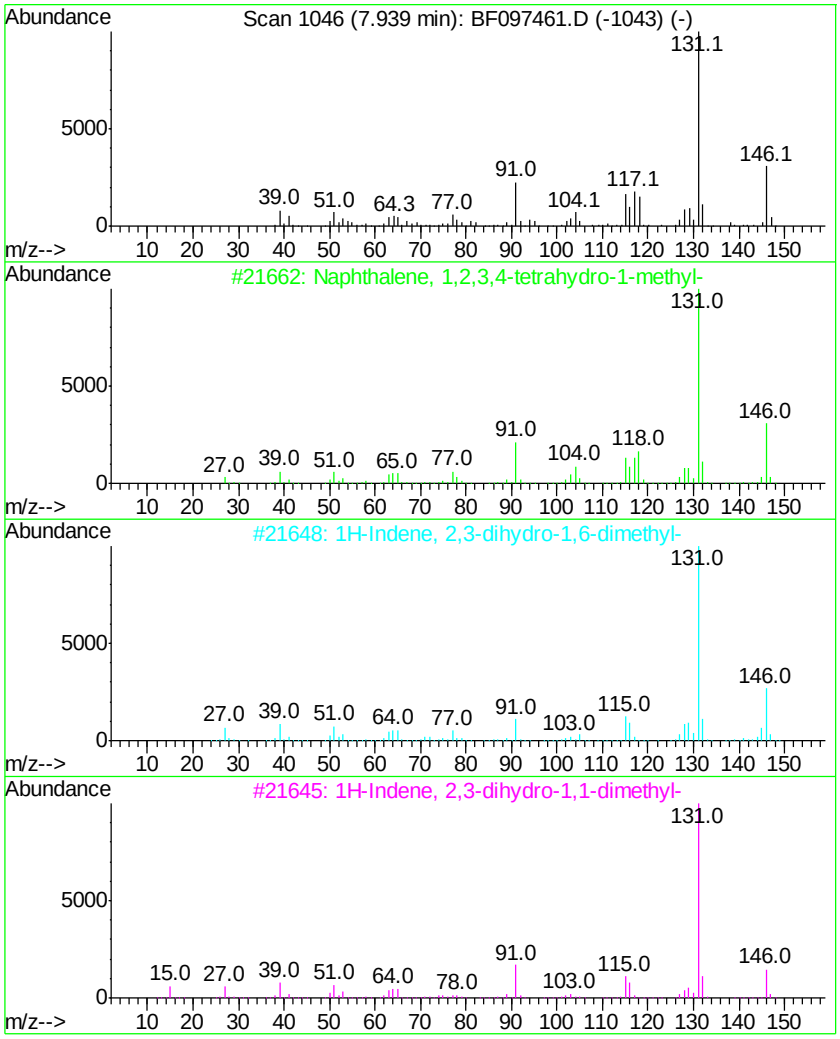
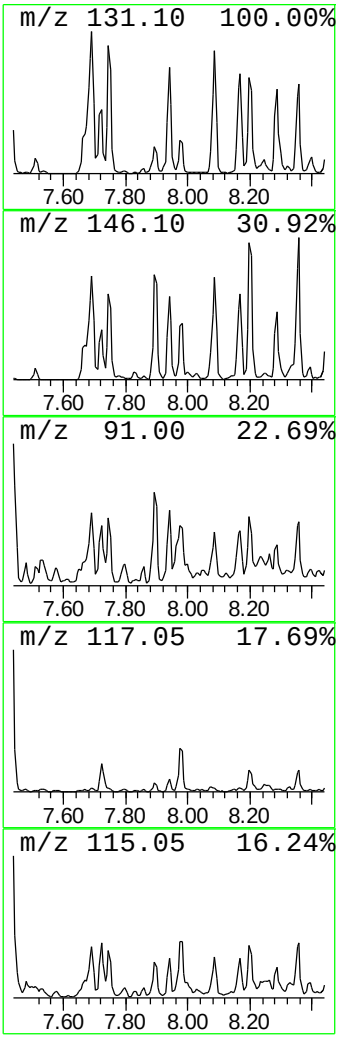
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	6.98 ng	354388	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	95
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90





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Instrument : BNA_F
ClientSampleId : RW-1

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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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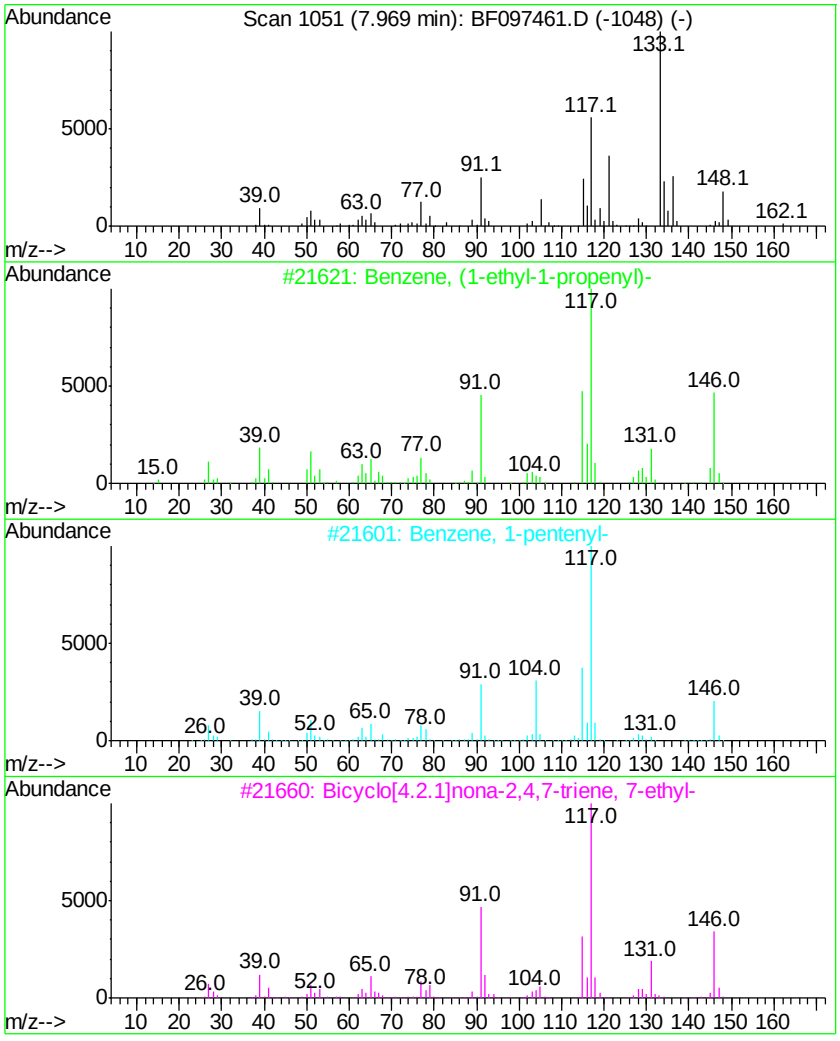
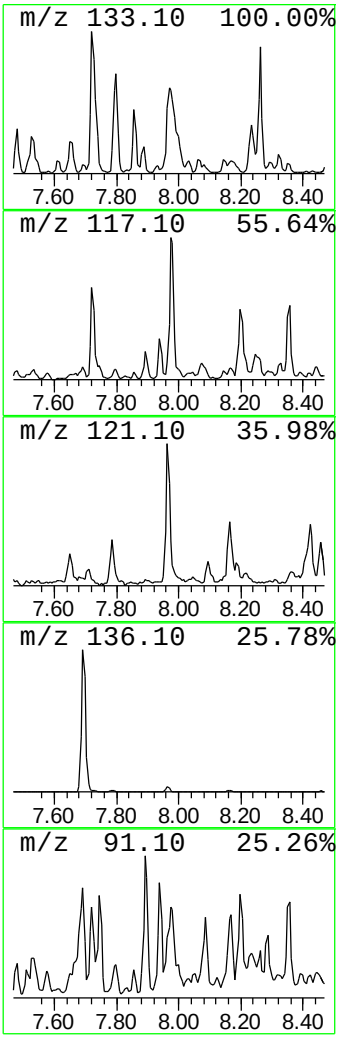
Peak Number 11 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	6.20 ng	314421	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	60
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	49
3	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	49
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	46
5	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	38





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

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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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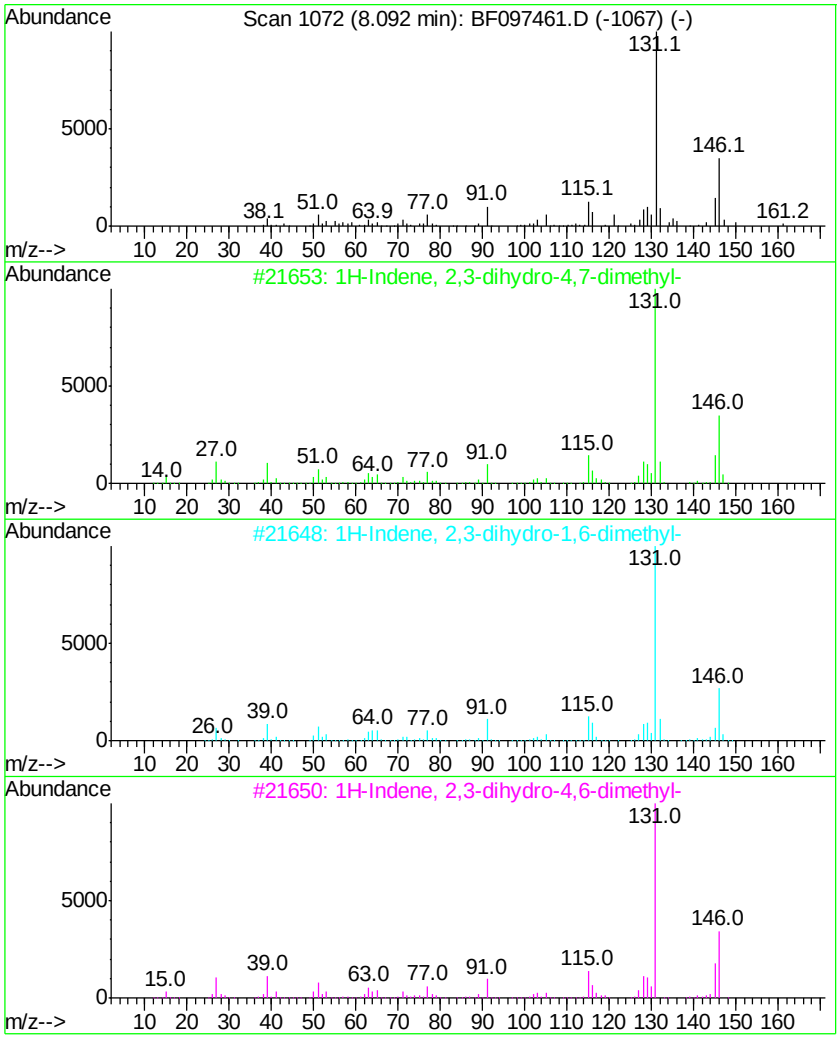
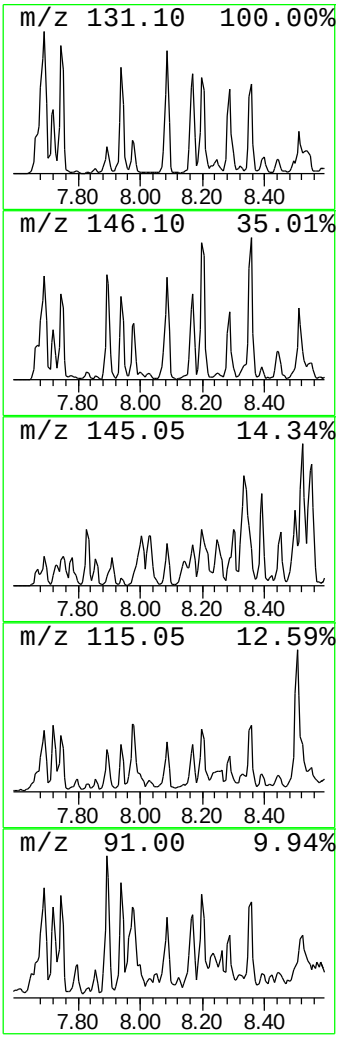
Peak Number 12 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	6.60 ng	334864	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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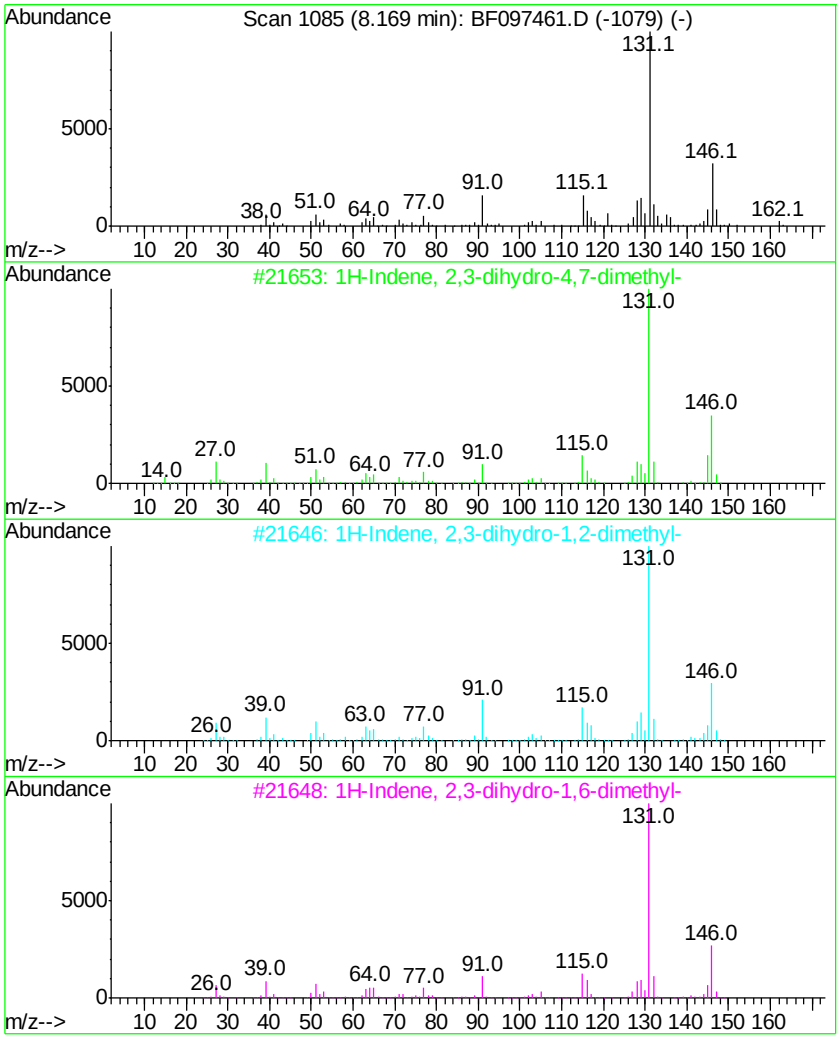
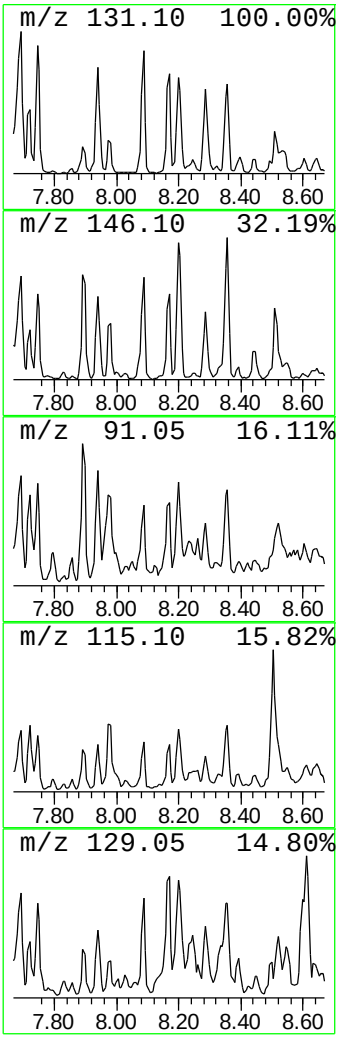
Peak Number 13 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	7.58 ng	384852	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87





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Instrument : BNA_F
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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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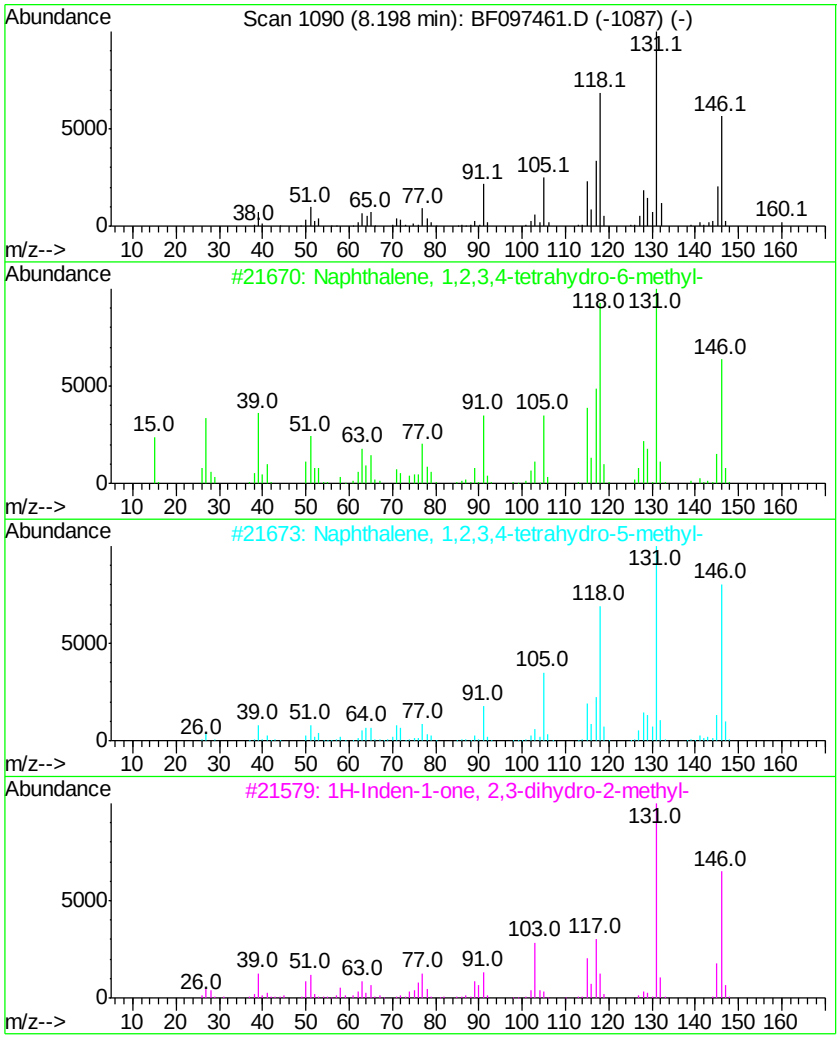
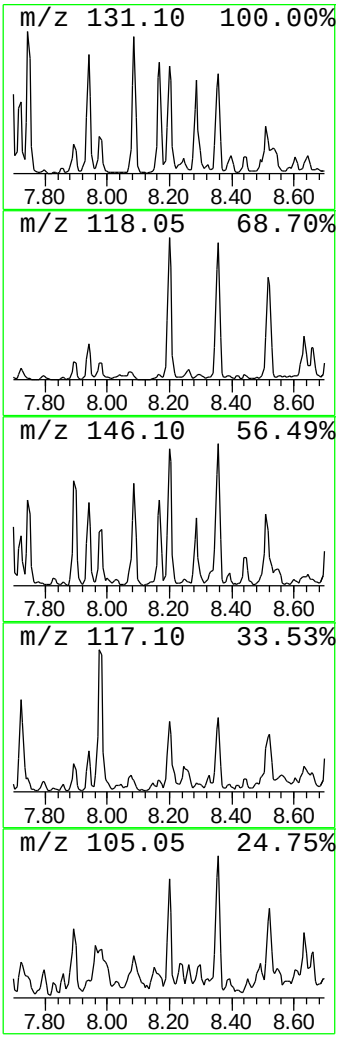
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	8.15 ng	413586	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	68
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64





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Instrument : BNA_F
ClientSampleId : RW-1

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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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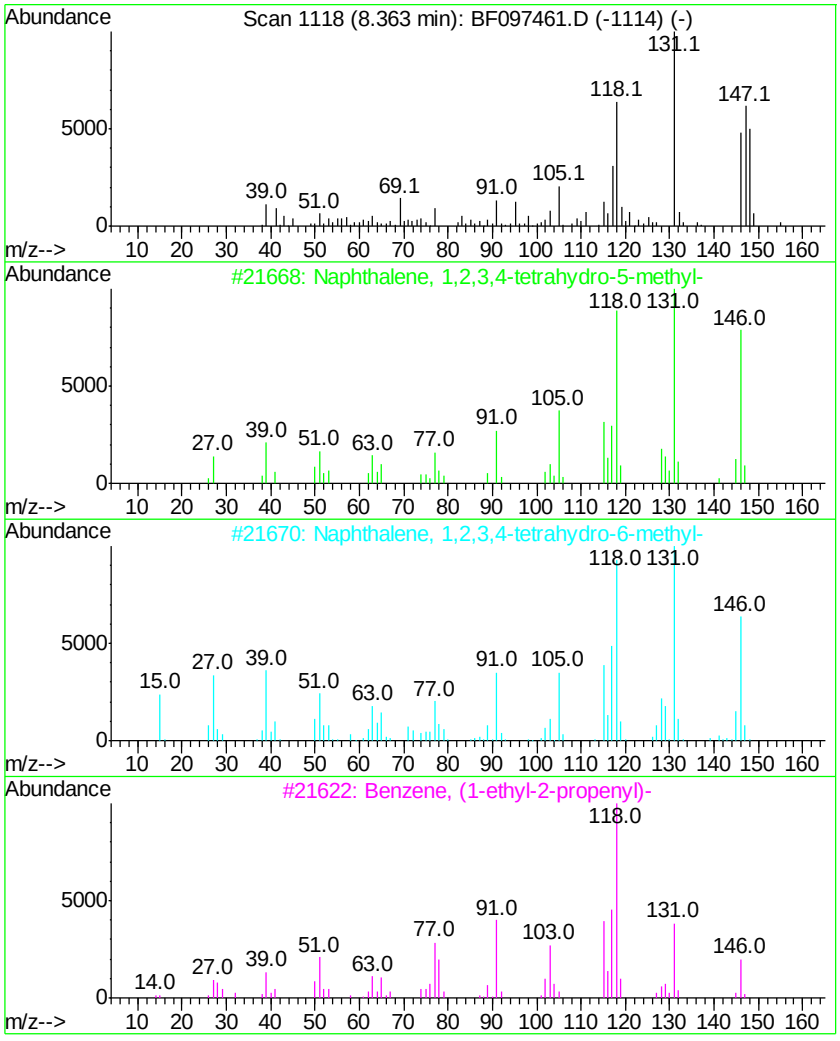
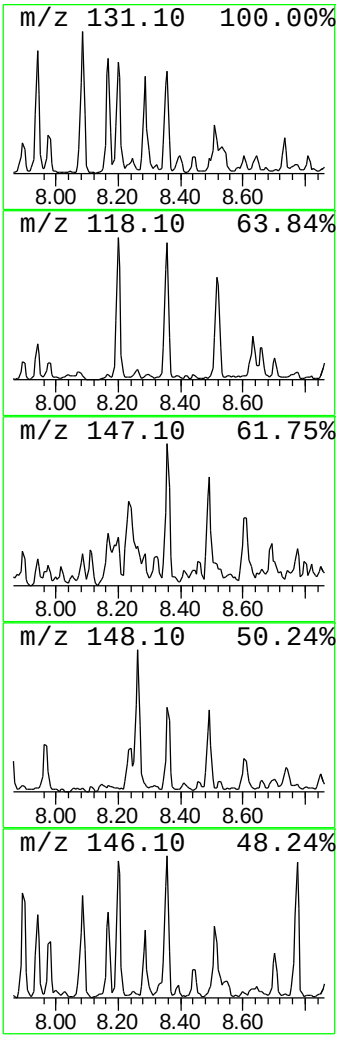
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	8.90 ng	451530	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	52
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	52
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49





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ClientSampleId : RW-1

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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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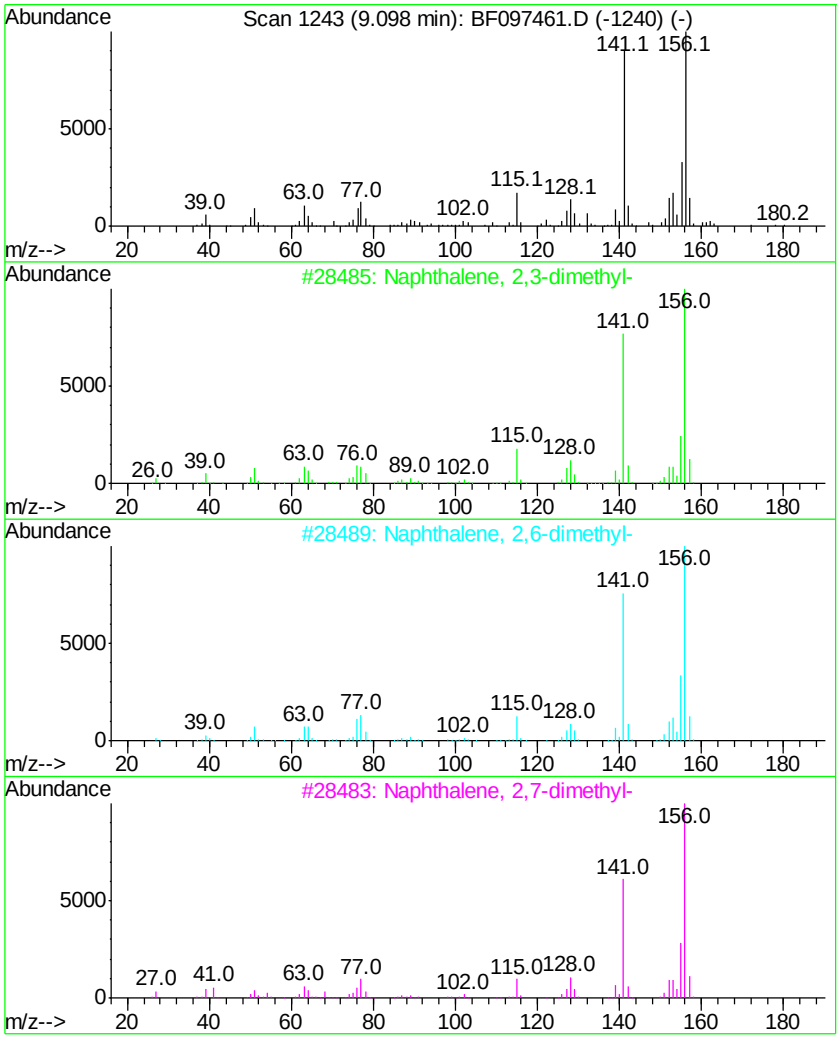
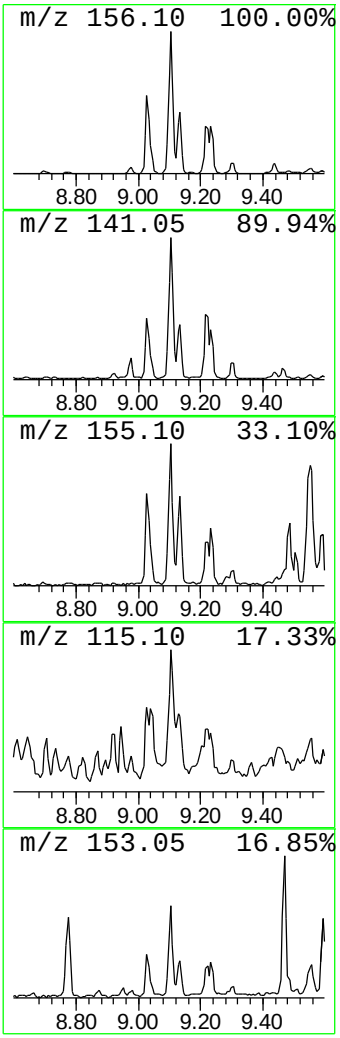
Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	13.59 ng	584450	Acenaphthene-d10	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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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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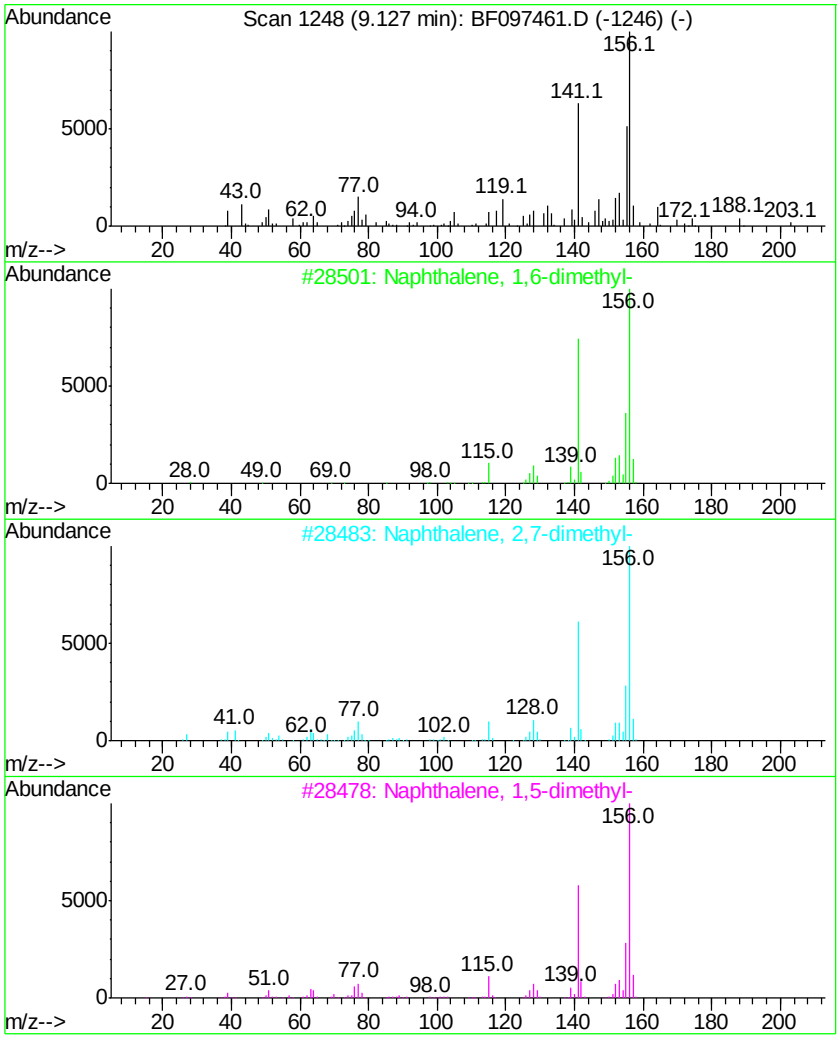
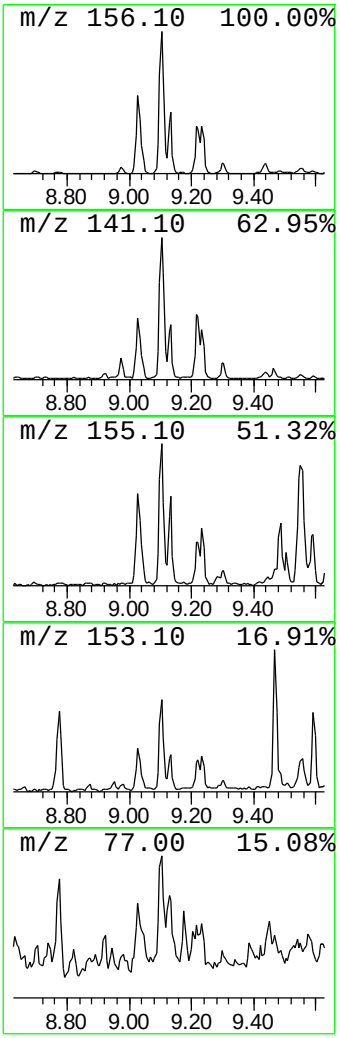
Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	8.63 ng	371204	Acenaphthene-d10	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	70
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	64
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097461.D
Acq On : 8 Aug 2017 6:56
Operator : SJ/JU
Sample : I4629-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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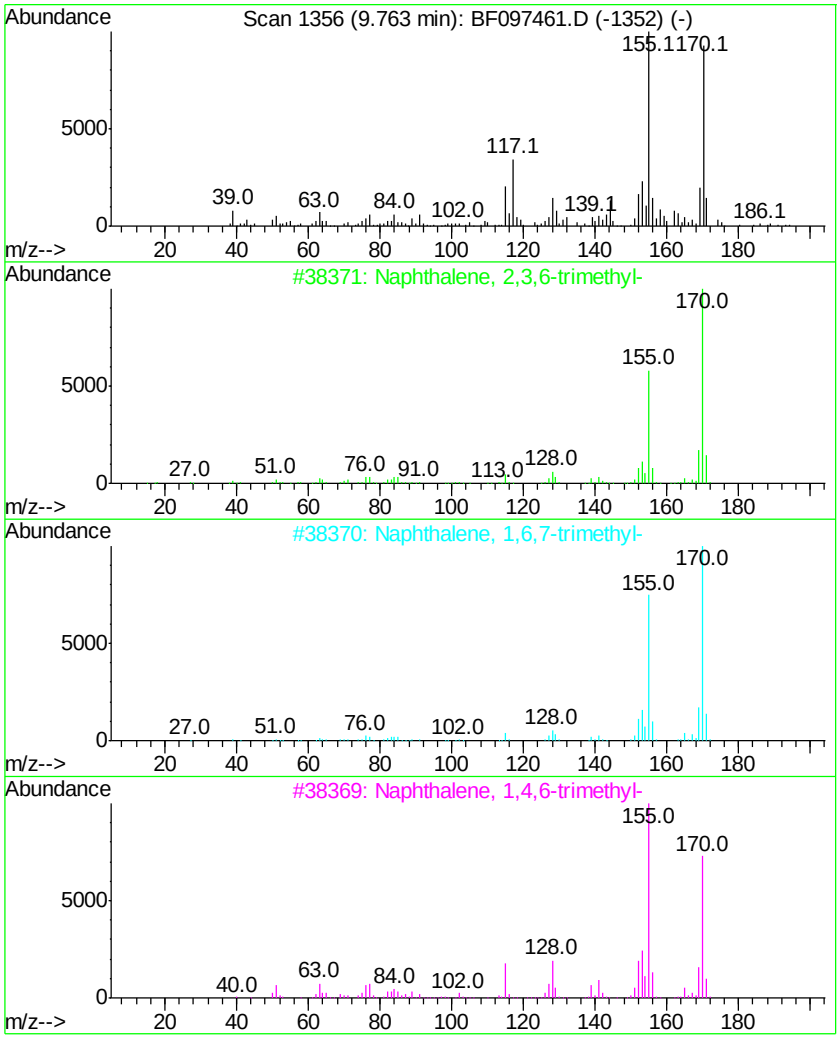
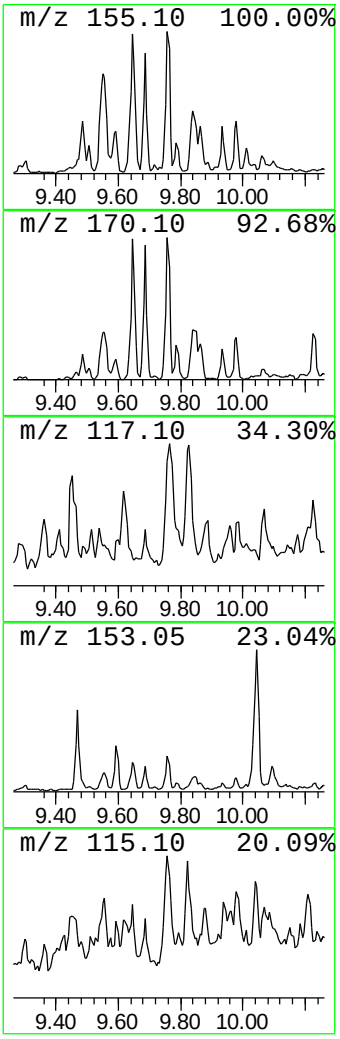
Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	7.73 ng	332521	Acenaphthene-d10	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097461.D
Acq On : 8 Aug 2017 6:56
Operator : SJ/JU
Sample : I4629-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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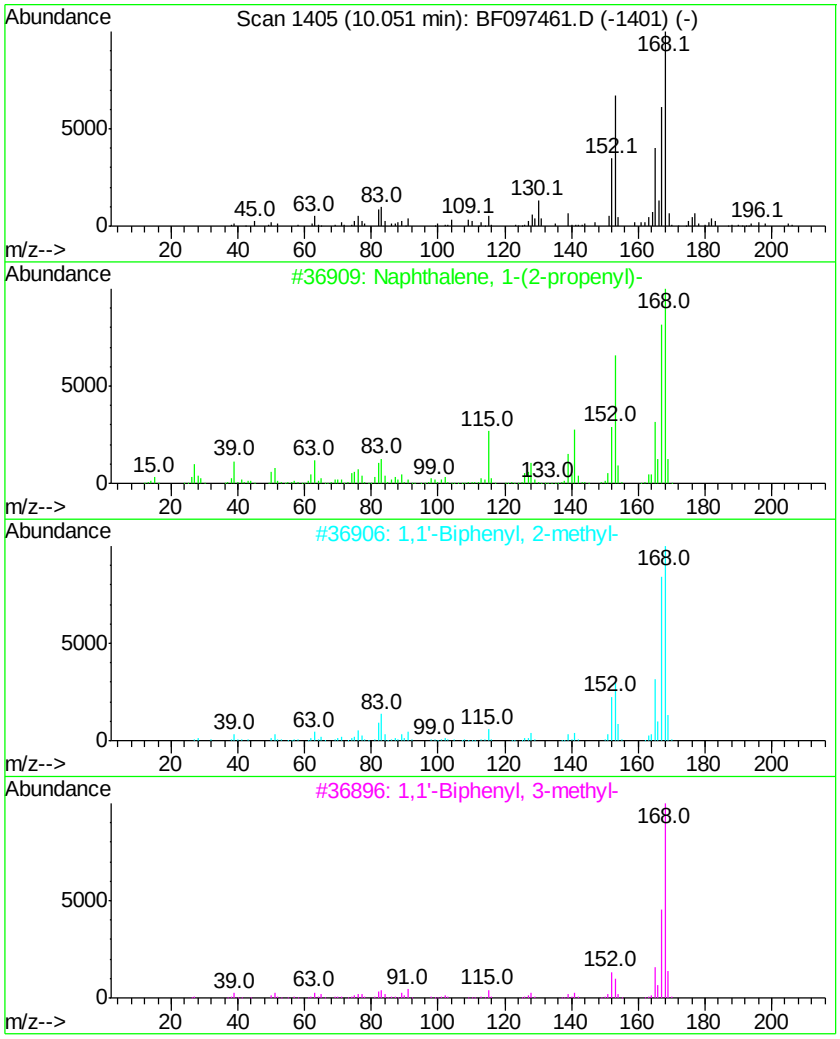
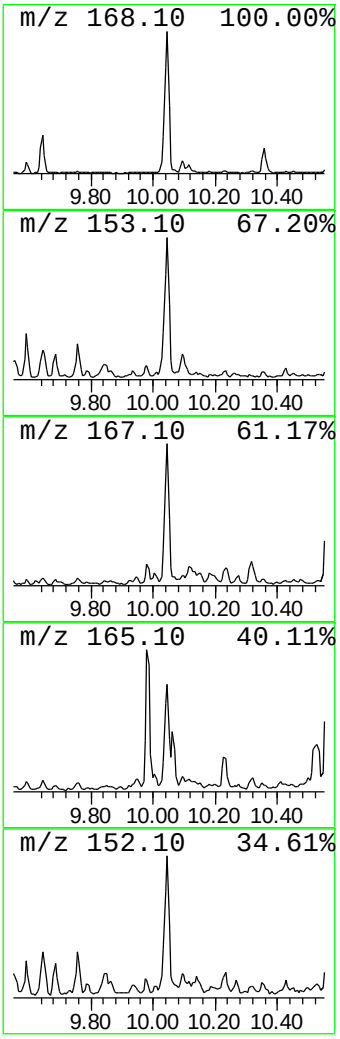
Peak Number 19 Naphthalene, 1-(2-propenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	6.97 ng	299909	Acenaphthene-d10	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	76
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	58
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53
5	Diphenylmethane	168	C13H12	000101-81-5	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097461.D
Acq On : 8 Aug 2017 6:56
Operator : SJ/JU
Sample : I4629-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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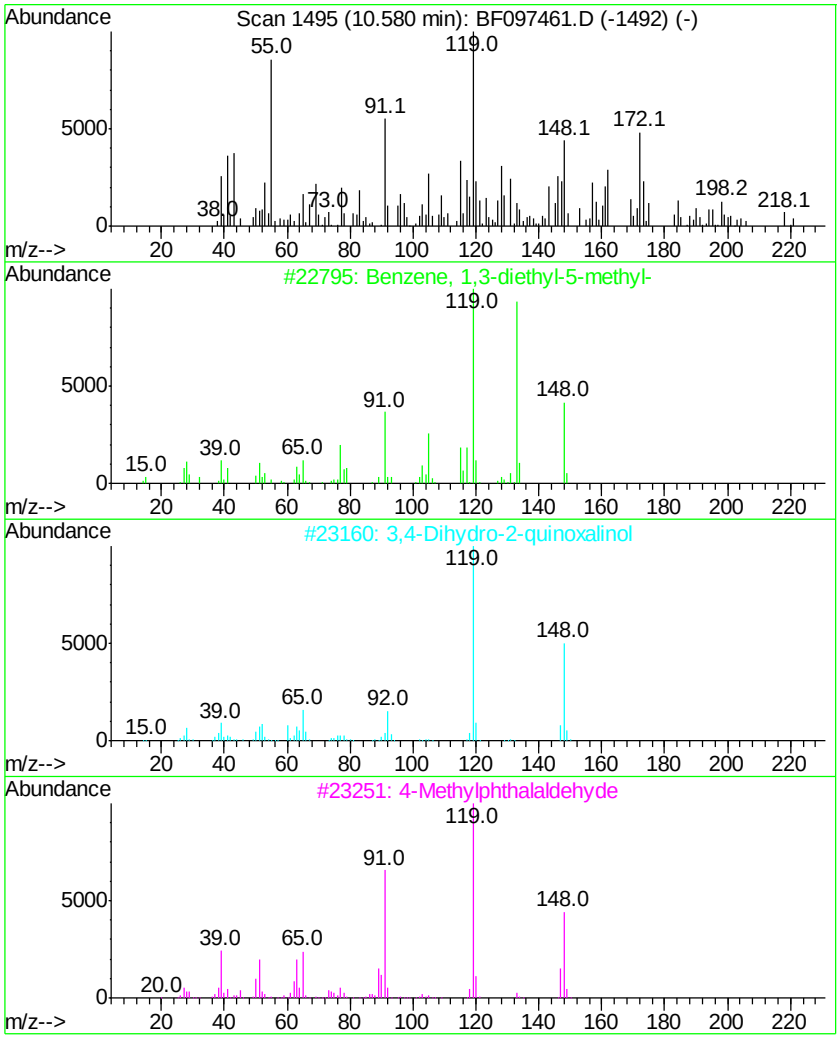
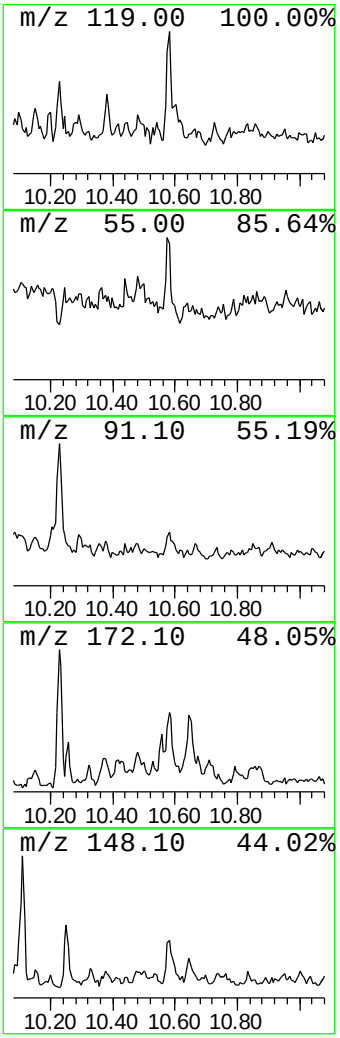
Peak Number 20 unknown10.58 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	10.24 ng	261178	Phenanthrene-d10	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	42
2	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	35
3	4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	35
4	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	30
5	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
Data File : BF097461.D
Acq On : 8 Aug 2017 6:56
Operator : SJ/JU
Sample : I4629-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
unknown6.19	6.19	83.7	ng	2266160	1	6.41	541266	20.0
Indane	6.59	18.6	ng	503280	1	6.41	541266	20.0
Benzene, 1,3-diet...	6.67	11.4	ng	310004	1	6.41	541266	20.0
Benzene, 1,2,3,5-...	7.19	5.7	ng	291376	2	7.69	1015000	20.0
1-Phenyl-1-butene	7.37	12.0	ng	607576	2	7.69	1015000	20.0
1H-Indene, 2,3-di...	7.44	22.7	ng	1151500	2	7.69	1015000	20.0
1H-Indene, 2,3-di...	7.75	6.9	ng	351031	2	7.69	1015000	20.0
Naphthalene, 1,2,...	7.89	7.7	ng	390614	2	7.69	1015000	20.0
Naphthalene, 1,2,...	7.94	7.0	ng	354388	2	7.69	1015000	20.0
Benzene, (1-ethyl...	7.97	6.2	ng	314421	2	7.69	1015000	20.0
1H-Indene, 2,3-di...	8.09	6.6	ng	334864	2	7.69	1015000	20.0
1H-Indene, 2,3-di...	8.17	7.6	ng	384852	2	7.69	1015000	20.0
Naphthalene, 1,2,...	8.20	8.2	ng	413586	2	7.69	1015000	20.0
Naphthalene, 1,2,...	8.36	8.9	ng	451530	2	7.69	1015000	20.0
Naphthalene, 2,3-...	9.10	13.6	ng	584450	3	9.44	860180	20.0
Naphthalene, 1,6-...	9.13	8.6	ng	371204	3	9.44	860180	20.0
Naphthalene, 2,3,...	9.76	7.7	ng	332521	3	9.44	860180	20.0
Naphthalene, 1-(2...	10.05	7.0	ng	299909	3	9.44	860180	20.0
unknown10.58	10.58	10.2	ng	261178	4	10.91	510085	20.0