LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107065.D
Acq On : 3 Jul 2018 2:03
Operator : JU/SJ
Sample : J3799-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ULMW-02

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-BF061918.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	5.189	481	485	502	rVB	70296	99085	6.08%	0.457%
2	5.601	551	555	562	rBV	767973	730543	44.84%	3.371%
3	6.360	678	684	686	rBV	42518	46391	2.85%	0.214%
4	6.425	691	695	699	rVB2	29386	34440	2.11%	0.159%
5	6.478	701	704	708	rBV	35157	33644	2.07%	0.155%
6	6.554	714	717	720	rVB	49543	44093	2.71%	0.203%
7	6.607	722	726	735	rVV	468005	554523	34.04%	2.559%
8	6.736	744	748	752	rBV	1375576	1247701	76.59%	5.757%
9	6.778	752	755	757	rVV	207862	182806	11.22%	0.844%
10	6.954	781	785	792	rBV	436061	408229	25.06%	1.884%
11	7.007	792	794	800	rVB2	89694	81034	4.97%	0.374%
12	7.113	808	812	815	rBV	1312201	1171812	71.93%	5.407%
13	7.136	815	816	819	rVB	72548	60280	3.70%	0.278%
14	7.195	823	826	828	rBV2	45090	39694	2.44%	0.183%
15	7.266	835	838	840	rBV	58297	52344	3.21%	0.242%
16	7.283	840	841	848	rVB6	32039	34878	2.14%	0.161%
17	7.407	860	862	865	rBV	52763	43970	2.70%	0.203%
18	7.436	865	867	869	rVB	47226	34987	2.15%	0.161%
19	7.483	869	875	878	rBV	159882	183863	11.29%	0.848%
20	7.525	878	882	885	rBV	1001070	985928	60.52%	4.549%
21	7.595	890	894	895	rBV3	38413	42133	2.59%	0.194%
22	7.719	912	915	917	rBV2	100045	93193	5.72%	0.430%
23	7.742	917	919	925	rVB	148921	142972	8.78%	0.660%
24	7.825	929	933	935	rBV5	25440	38296	2.35%	0.177%
25	7.878	939	942	945	rBV3	137394	164036	10.07%	0.757%
26	7.901	945	946	950	rVB3	62840	53378	3.28%	0.246%
27	7.942	950	953	955	rBV3	47262	53737	3.30%	0.248%
28	7.972	955	958	960	rBV	196471	157285	9.65%	0.726%
29	7.995	960	962	964	rVB	52622	38417	2.36%	0.177%
30	8.036	965	969	973	rBV3	88127	127705	7.84%	0.589%
31	8.072	973	975	977	rVB	108213	80938	4.97%	0.373%
32	8.095	977	979	982	rVB	80357	63221	3.88%	0.292%
33	8.178	986	993	994	rBV2	130286	208229	12.78%	0.961%
34	8.195	994	996	999	rVV4	94635	115173	7.07%	0.531%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3799-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ULMW-02

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.242	1001	1004	1008	rVV	512856	493728	30.31%	2.278%
36	8.278	1008	1010	1013	rVB2	167633	153439	9.42%	0.708%
37	8.313	1013	1016	1019	rBV2	99861	106098	6.51%	0.490%
38	8.383	1019	1028	1031	rBV3	228033	356316	21.87%	1.644%
39	8.430	1031	1036	1040	rBV2	177600	181762	11.16%	0.839%
40	8.478	1040	1044	1047	rBV3	193755	317938	19.52%	1.467%
41	8.507	1047	1049	1051	rVB3	128711	98188	6.03%	0.453%
42	8.530	1051	1053	1056	rVB3	98729	101837	6.25%	0.470%
43	8.560	1056	1058	1060	rBV2	40313	33643	2.07%	0.155%
44	8.619	1062	1068	1073	rBV5	188645	322805	19.81%	1.490%
45	8.678	1073	1078	1080	rBV4	222402	324603	19.93%	1.498%
46	8.701	1080	1082	1084	rVV2	147901	110477	6.78%	0.510%
47	8.719	1084	1085	1087	rVV	61567	58243	3.58%	0.269%
48	8.736	1087	1088	1090	rVB	121481	68563	4.21%	0.316%
49	8.754	1090	1091	1094	rVB	81634	57961	3.56%	0.267%
50	8.813	1097	1101	1107	rVB7	100679	212217	13.03%	0.979%
51	8.860	1107	1109	1112	rBV3	85624	73682	4.52%	0.340%
52	8.895	1112	1115	1119	rBV2	190275	185242	11.37%	0.855%
53	8.954	1123	1125	1127	rBV2	98542	103376	6.35%	0.477%
54	9.001	1130	1133	1135	rVB2	91729	87526	5.37%	0.404%
55	9.030	1135	1138	1140	rBV2	165653	168445	10.34%	0.777%
56	9.060	1140	1143	1149	rVB3	283153	328029	20.14%	1.514%
57	9.113	1149	1152	1155	rBV3	88759	116414	7.15%	0.537%
58	9.230	1168	1172	1173	rBV3	97816	119198	7.32%	0.550%
59	9.248	1173	1175	1178	rVV4	165621	180834	11.10%	0.834%
60	9.277	1178	1180	1183	rVV2	99020	126326	7.75%	0.583%
61	9.313	1183	1186	1190	rVB	1674664	1629124	100.00%	7.517%
62	9.366	1190	1195	1199	rBV	453623	515472	31.64%	2.379%
63	9.407	1199	1202	1205	rBV3	80433	115166	7.07%	0.531%
64	9.460	1209	1211	1213	rVV	188346	172302	10.58%	0.795%
65	9.483	1213	1215	1220	rVV4	123707	155199	9.53%	0.716%
66	9.548	1224	1226	1229	rBV4	57156	58960	3.62%	0.272%
67	9.619	1236	1238	1240	rBV3	43254	31650	1.94%	0.146%
68	9.666	1241	1246	1249	rVV4	186749	308474	18.93%	1.423%
69	9.707	1251	1253	1256	rVB	250851	204502	12.55%	0.944%
70	9.807	1268	1270	1272	rVB2	70650	55264	3.39%	0.255%
71	9.842	1273	1276	1282	rVB5	162605	276262	16.96%	1.275%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3799-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ULMW-02

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.907	1282	1287	1291	rBV6	117012	202974	12.46%	0.937%
73	9.948	1291	1294	1299	rBV4	112605	215146	13.21%	0.993%
74	10.001	1300	1303	1307	rVB	554066	479102	29.41%	2.211%
75	10.036	1307	1309	1312	rBV2	142996	135833	8.34%	0.627%
76	10.172	1330	1332	1335	rBV4	57642	46132	2.83%	0.213%
77	10.242	1340	1344	1348	rVB4	106614	145162	8.91%	0.670%
78	10.283	1348	1351	1354	rBV4	49623	71799	4.41%	0.331%
79	10.324	1354	1358	1361	rBV4	100815	134047	8.23%	0.619%
80	10.366	1362	1365	1369	rBV4	100148	131129	8.05%	0.605%
81	10.436	1375	1377	1381	rVB4	111874	119769	7.35%	0.553%
82	10.624	1406	1409	1412	rVV5	74778	93856	5.76%	0.433%
83	10.677	1416	1418	1422	rBV4	44465	52537	3.22%	0.242%
84	10.801	1434	1439	1444	rVB	913660	956141	58.69%	4.412%
85	11.036	1476	1479	1482	rBV2	119882	125489	7.70%	0.579%
86	11.130	1493	1495	1498	rBV3	50997	64857	3.98%	0.299%
87	11.213	1506	1509	1515	rVB3	171021	210211	12.90%	0.970%
88	11.377	1535	1537	1540	rVB3	64560	48328	2.97%	0.223%
89	11.501	1554	1558	1561	rVB	411700	359287	22.05%	1.658%
90	11.648	1581	1583	1586	rVB	60329	41622	2.55%	0.192%
91	12.024	1644	1647	1649	rBV3	46891	50676	3.11%	0.234%
92	13.083	1823	1827	1830	rBV	1632298	1468614	90.15%	6.777%
93	13.954	1972	1975	1979	rBV	78075	70067	4.30%	0.323%
94	14.154	2005	2009	2012	rBV	394541	356466	21.88%	1.645%
95	14.901	2133	2136	2141	rVB	67646	69066	4.24%	0.319%
96	15.254	2193	2196	2199	rVB	72374	78112	4.79%	0.360%
97	15.654	2261	2264	2267	rBV	65563	76782	4.71%	0.354%
98	15.695	2267	2271	2278	rVB	208160	281897	17.30%	1.301%
99	16.112	2339	2342	2346	rVB	56471	78085	4.79%	0.360%
100	16.648	2430	2433	2439	rVB3	30635	50267	3.09%	0.232%

Sum of corrected areas: 21671676

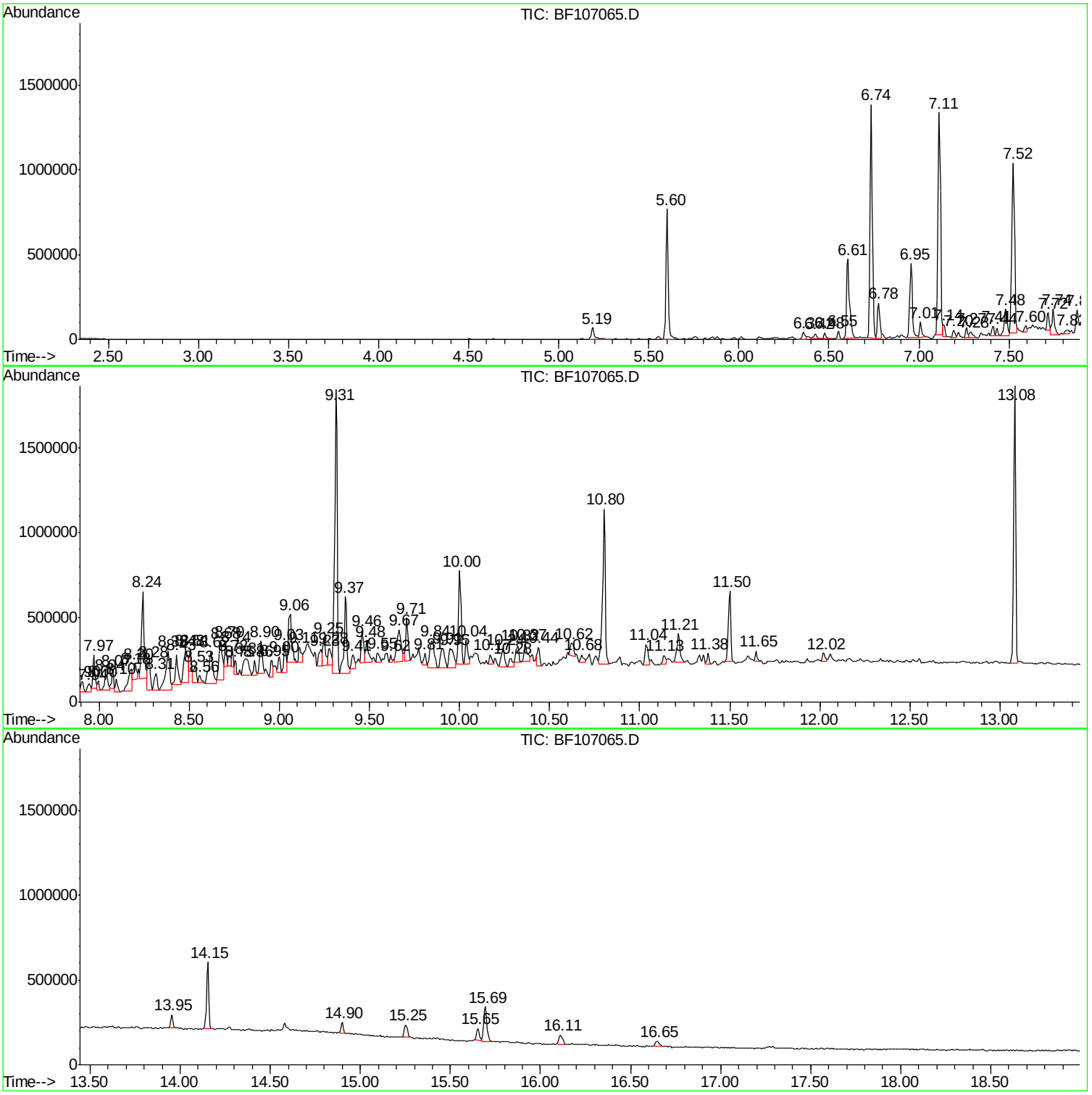
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107065.D
Acq On : 3 Jul 2018 2:03
Operator : JU/SJ
Sample : J3799-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ULMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107065.D
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

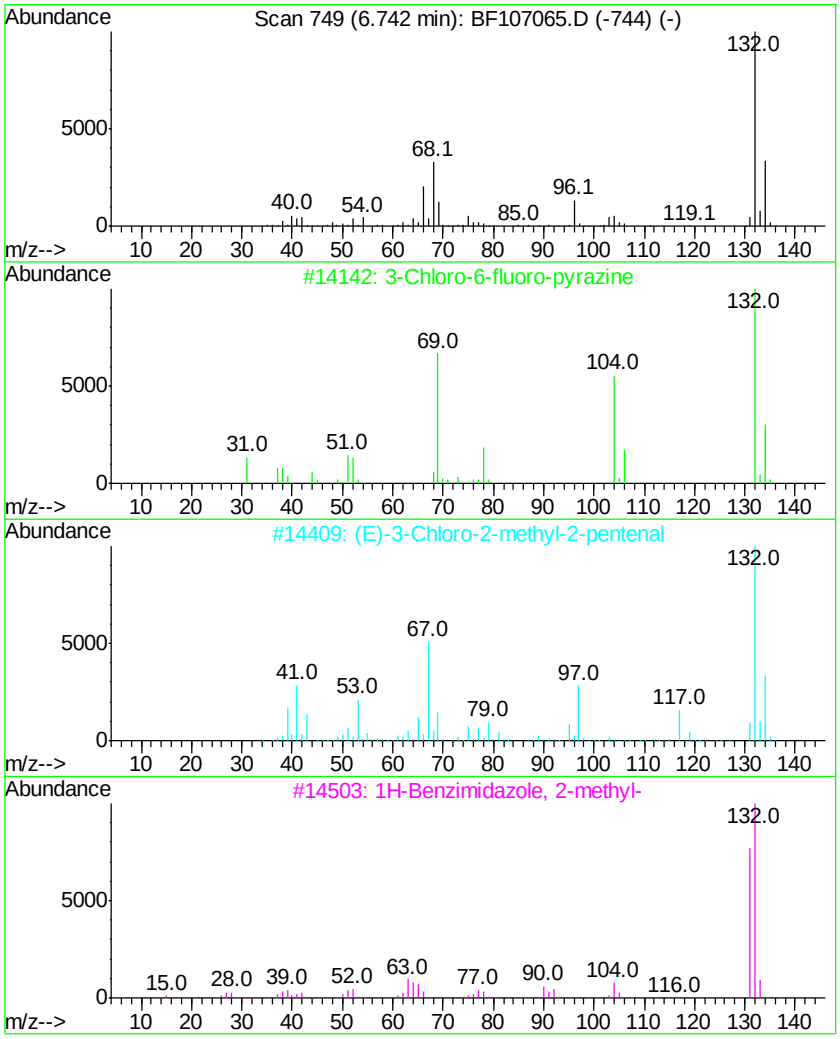
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

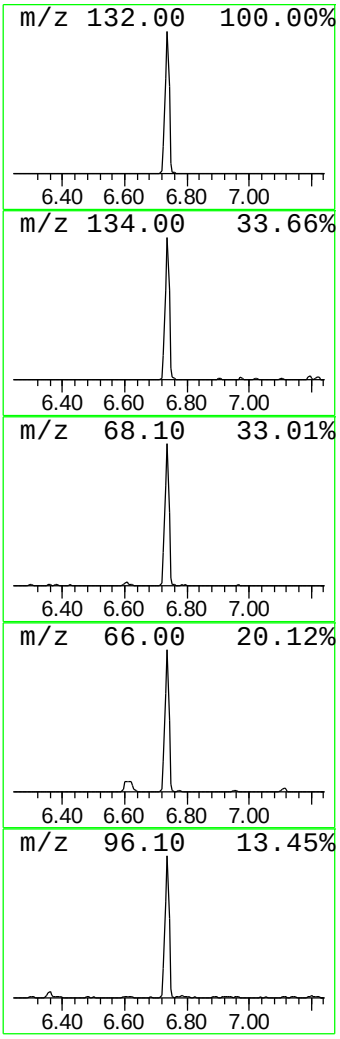
****

Peak Number 1 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	61.13 ng	1247700	1,4-Dichlorobenzene-d4	6.95

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	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ULMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

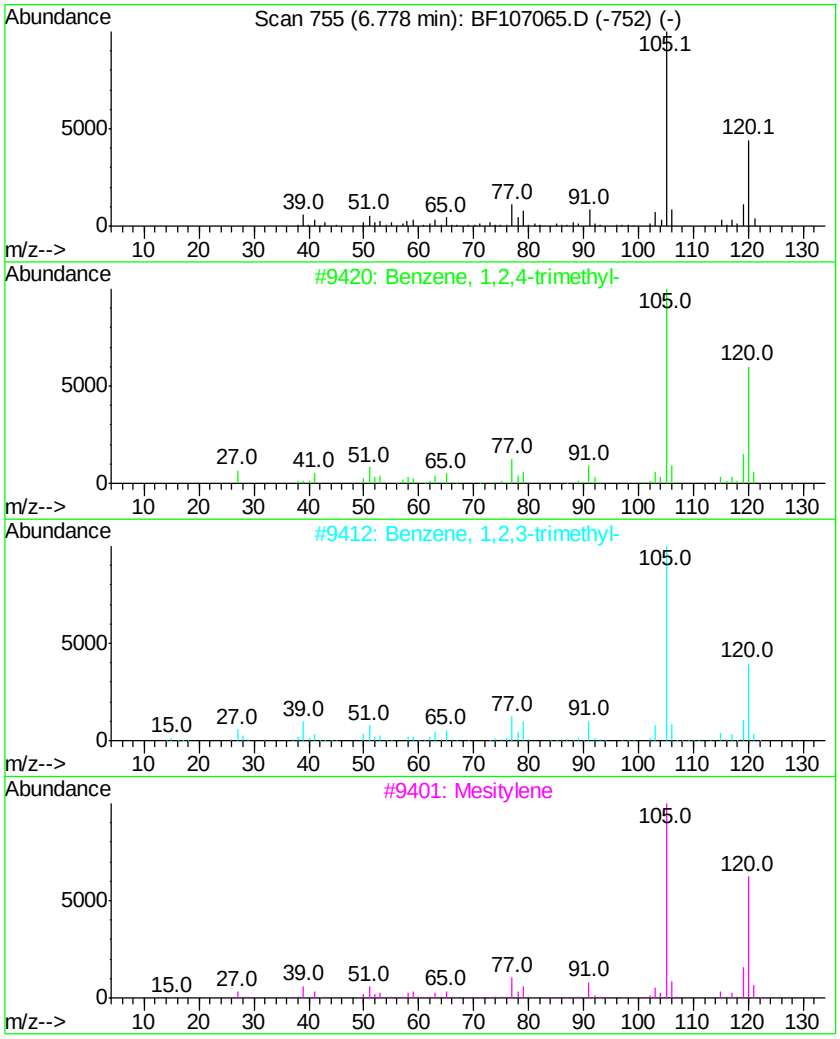
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

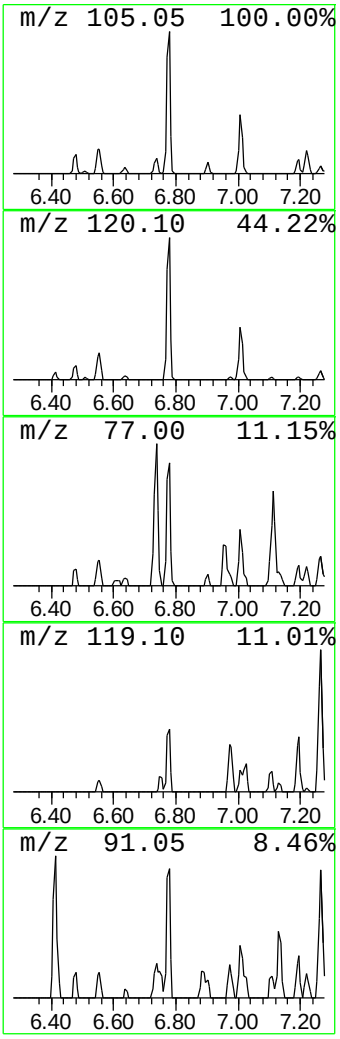
****

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	8.96 ng	182806	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
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Sample : J3799-09
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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ULMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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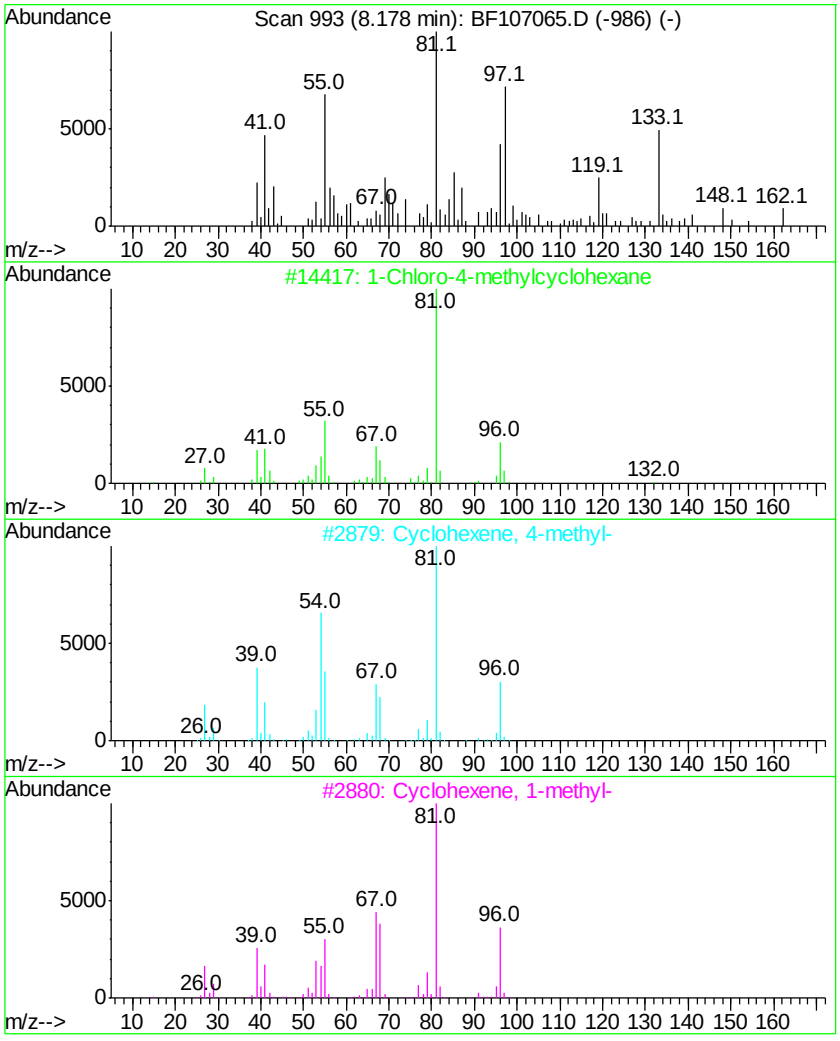
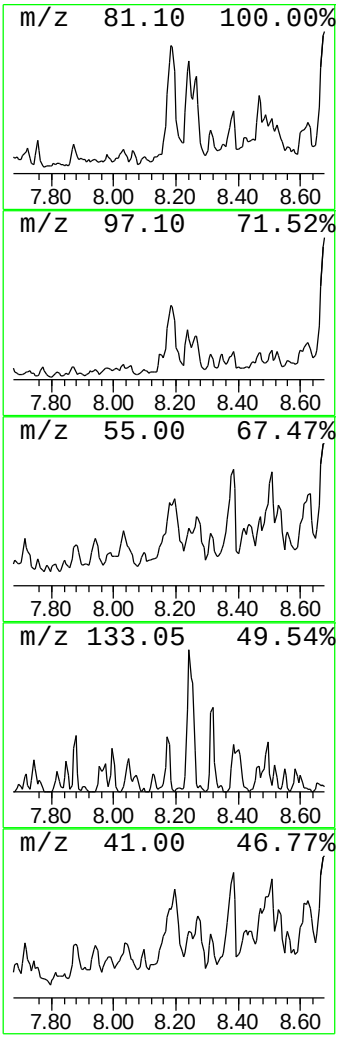
Peak Number 4 unknown8.18 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	8.43 ng	208229	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloro-4-methylcyclohexane	132	C7H13Cl	000931-68-0	35
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	30
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	30
4	Furan, 2-ethyl-	96	C6H8O	003208-16-0	27
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107065.D
Acq On : 3 Jul 2018 2:03
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Sample : J3799-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ULMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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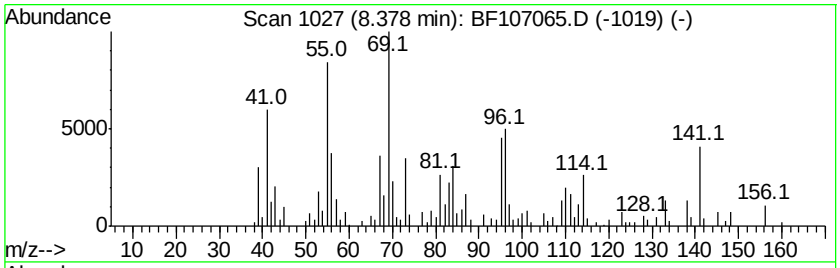
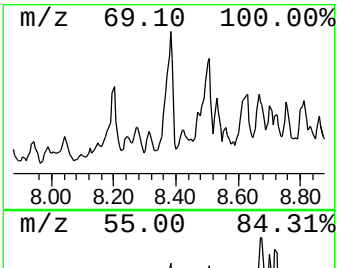
Peak Number 5 unknown8.38 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	14.43 ng	356316	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octen-1-ol, 3,7-dimethyl-	156	C10H20O	040607-48-5	35
2	2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	35
3	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	27
4	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	25
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107065.D
Acq On : 3 Jul 2018 2:03
Operator : JU/SJ
Sample : J3799-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ULMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

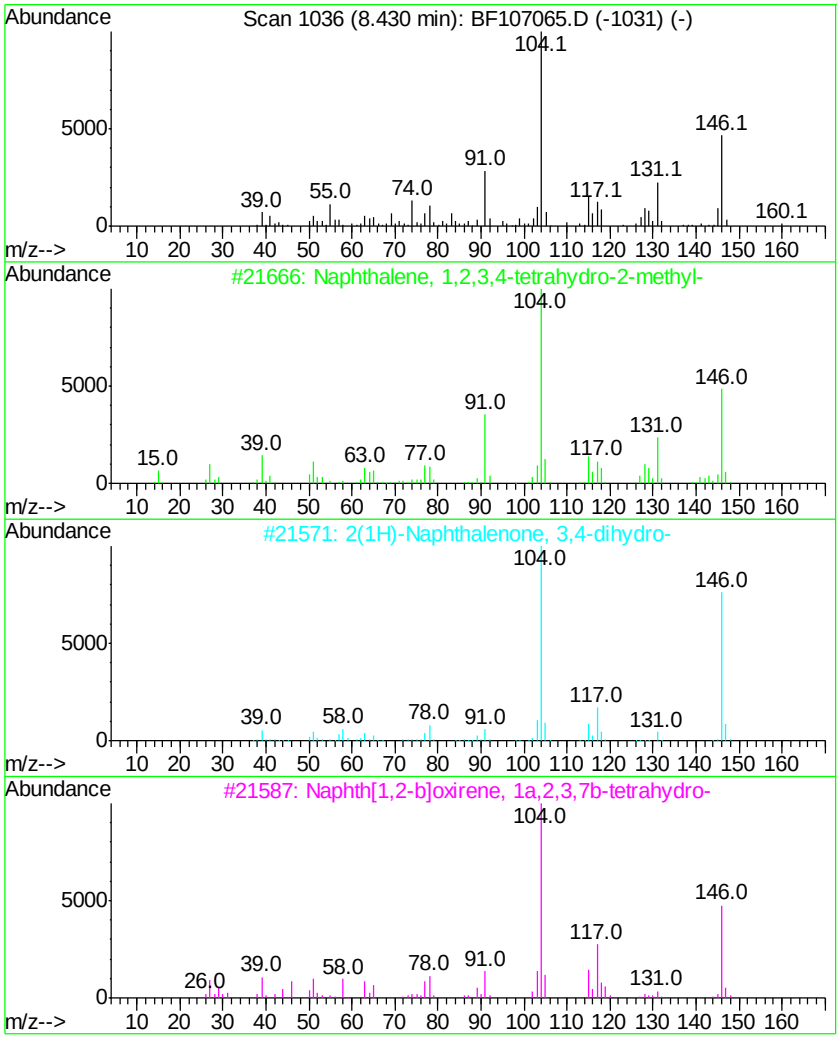
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

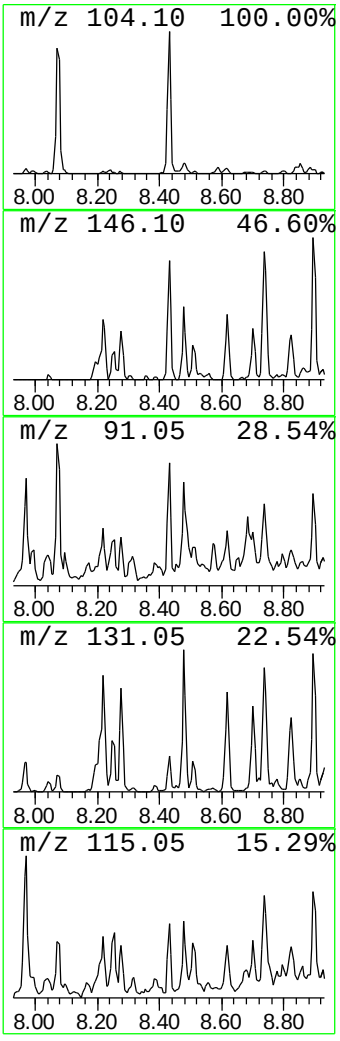
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	7.36 ng	181762	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	59
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	50
4	7-Azabicyclo[4.2.2]deca-2,4,9-tr...	147	C9H9NO	017198-06-0	45
5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	37





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Operator : JU/SJ
Sample : J3799-09
Misc :
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Instrument : BNA_F
ClientSampleId : ULMW-02

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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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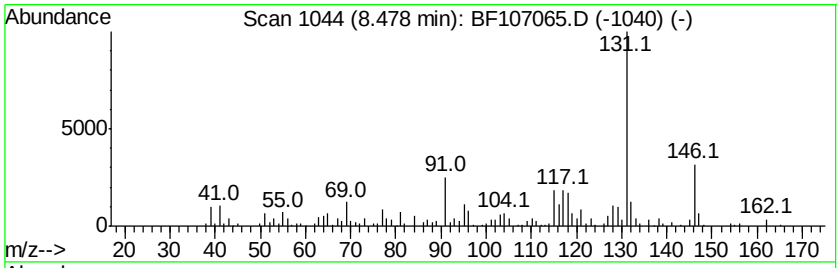
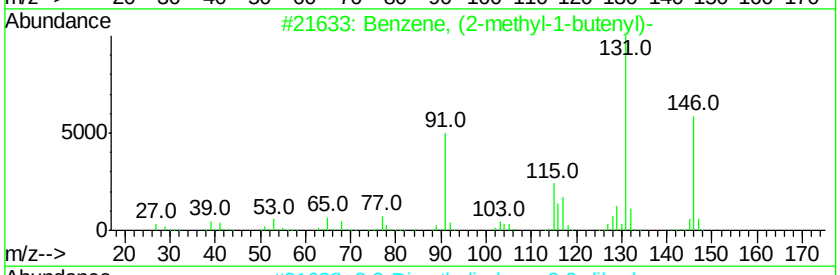
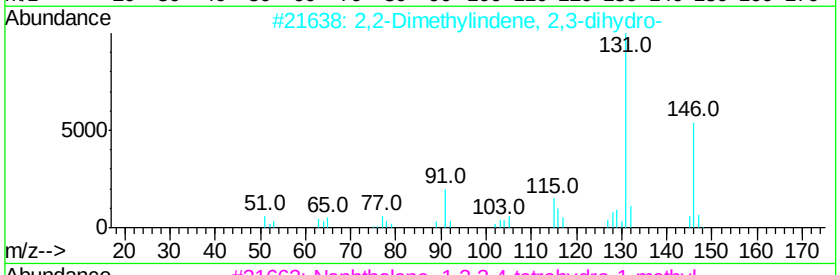
Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 8

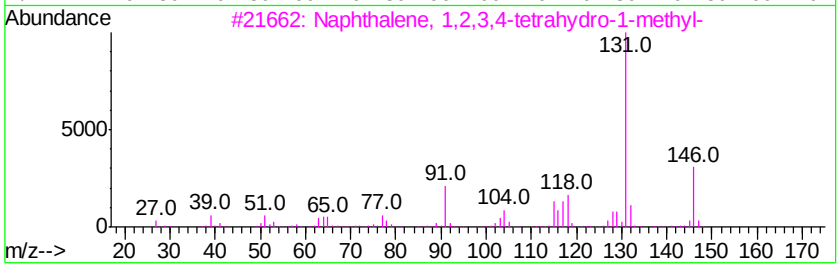
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	12.88 ng	317938	Naphthalene-d8	8.24

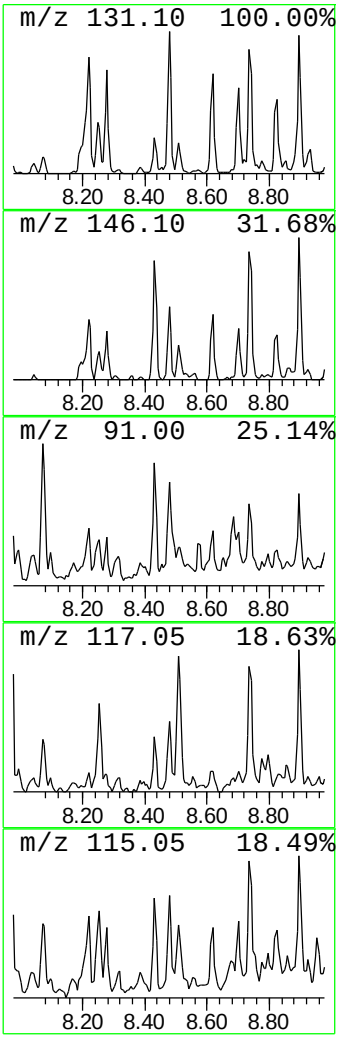
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	76











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ClientSampleId : ULMW-02

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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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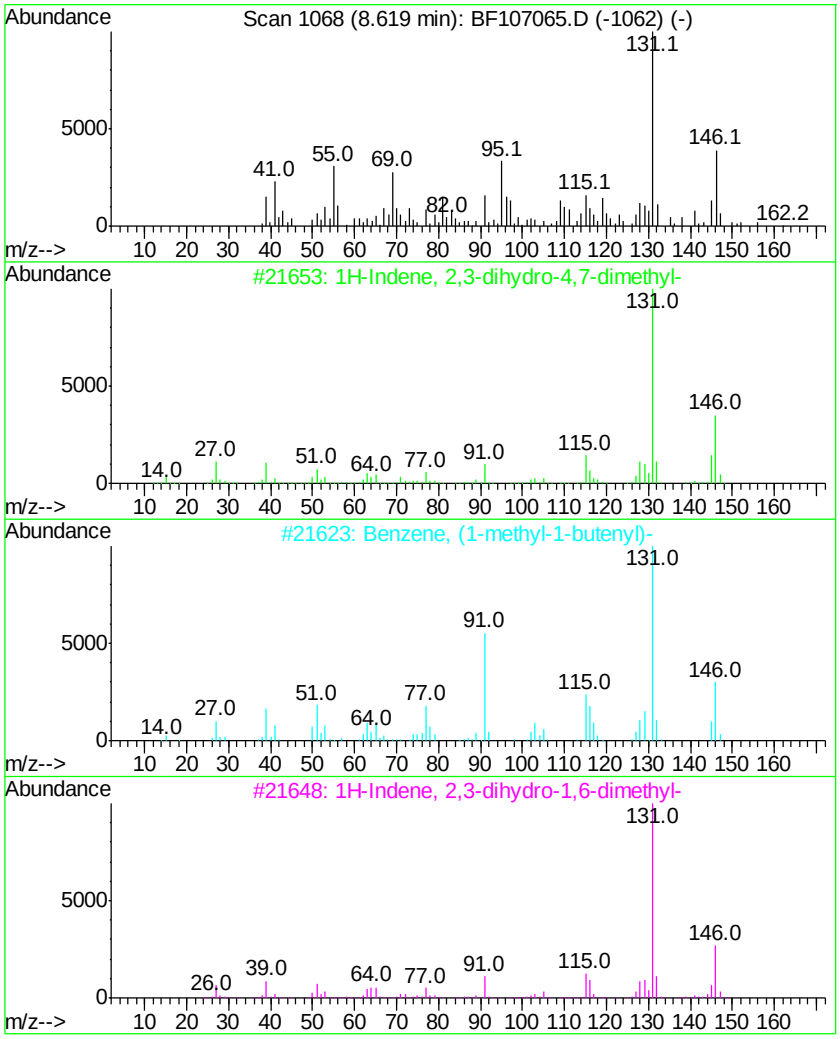
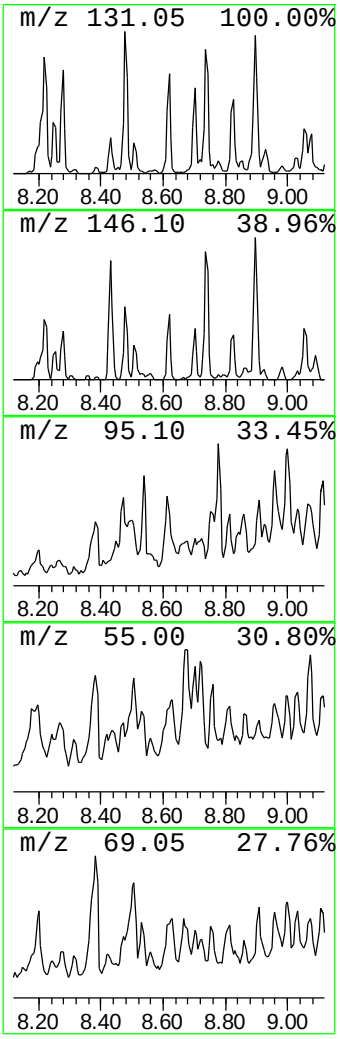
Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	13.08 ng	322805	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81





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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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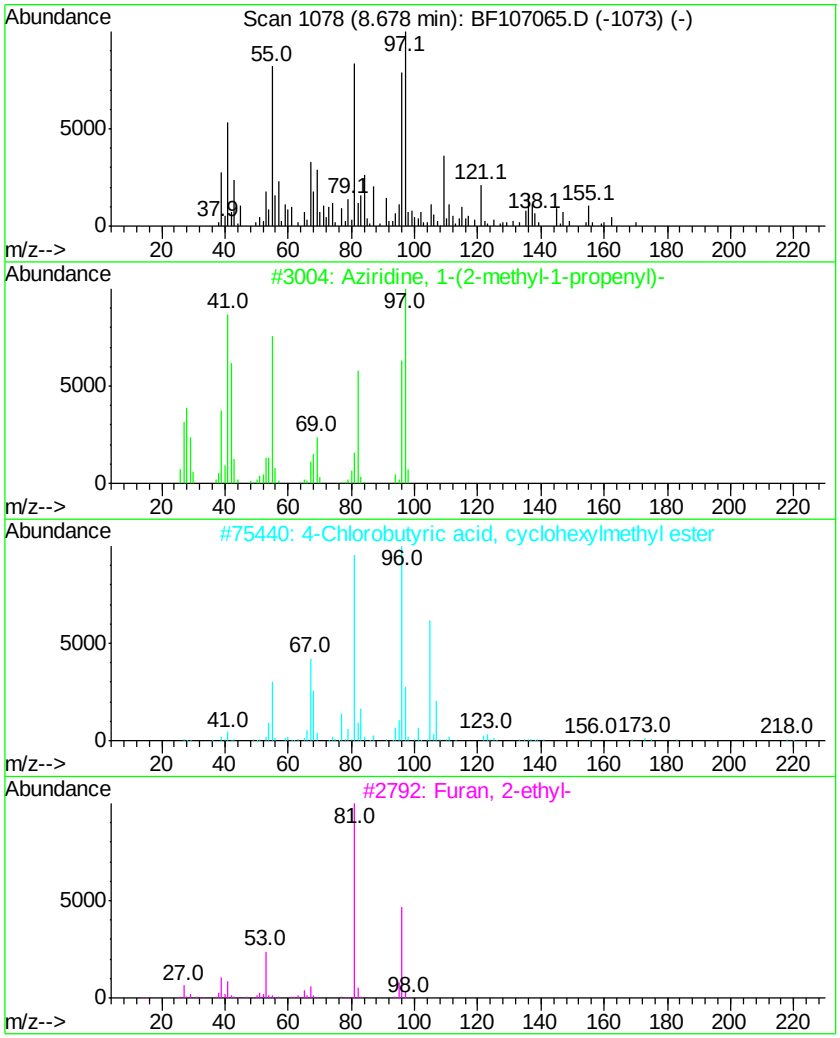
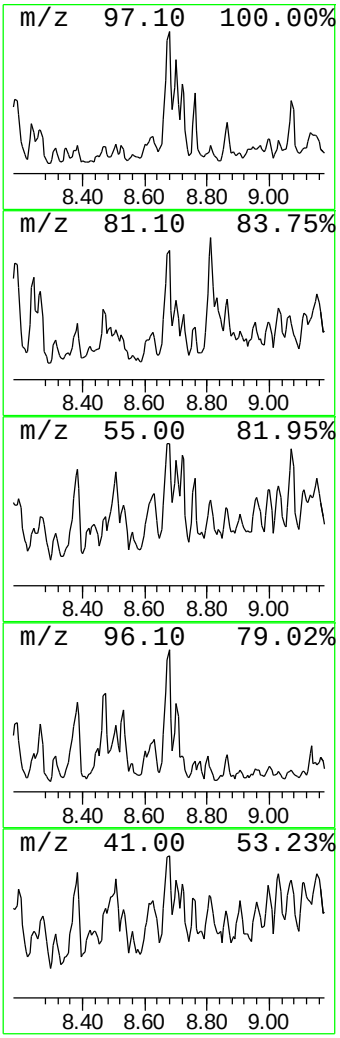
Peak Number 9 unknown8.68 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	13.15 ng	324603	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 1-(2-methyl-1-propenyl)-	97	C6H11N	080839-93-6	43
2	4-Chlorobutyric acid, cyclohexyl...	218	C11H19ClO2	1000357-77-0	38
3	Furan, 2-ethyl-	96	C6H8O	003208-16-0	38
4	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	35
5	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	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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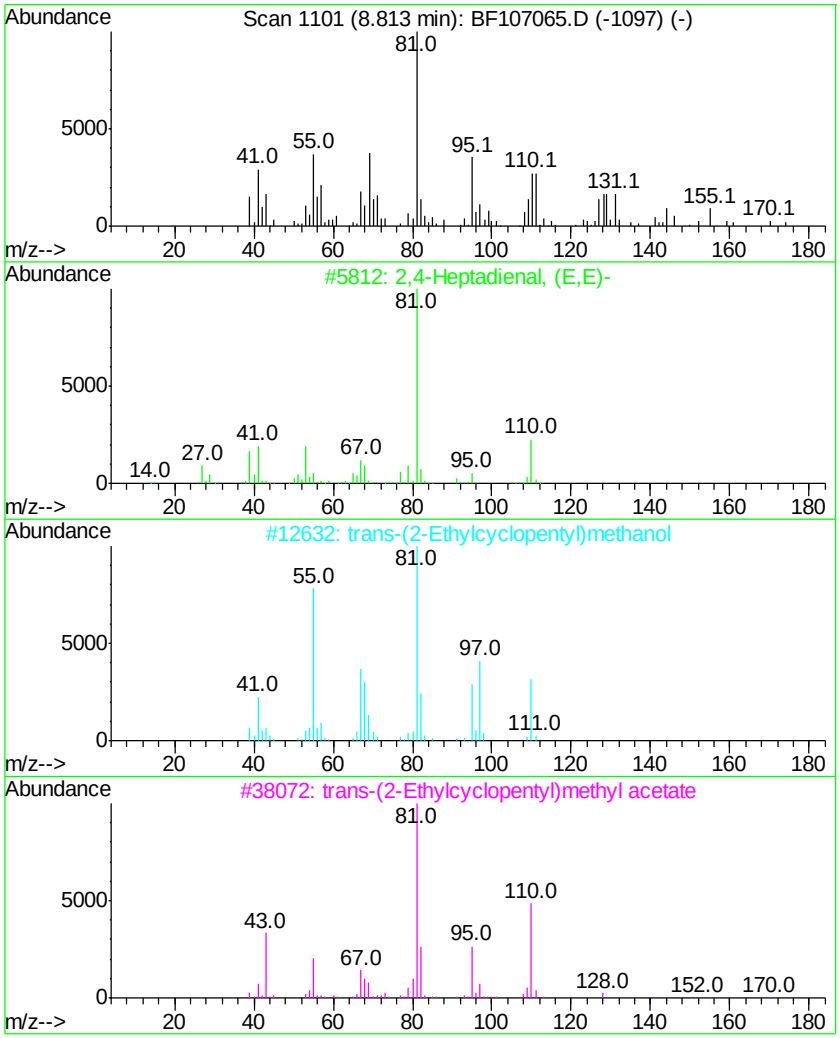
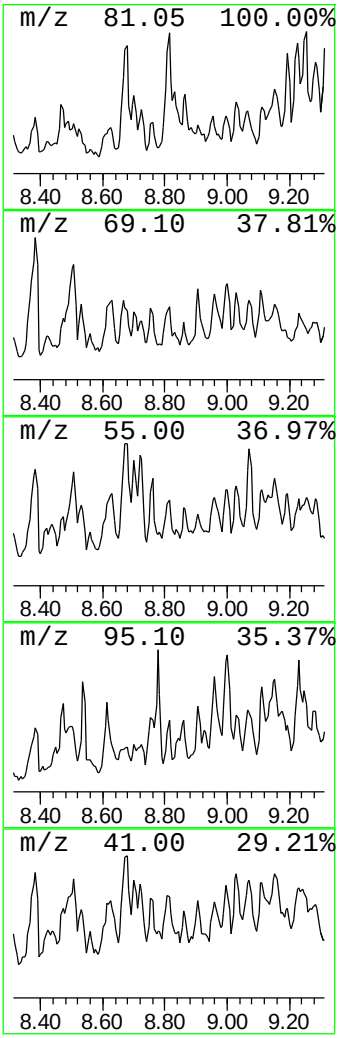
Peak Number 10 unknown8.81 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	8.60 ng	212217	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	43
2	trans-(2-Ethylcyclopentyl)methanol	128	C8H16O	036258-08-9	38
3	trans-(2-Ethylcyclopentyl)methyl...	170	C10H18O2	1000099-13-9	38
4	Bicyclo[2.2.1]heptane, 2-chloro-...	144	C8H13Cl	022768-96-3	38
5	4-Ethylcyclohexanol	128	C8H16O	004534-74-1	37





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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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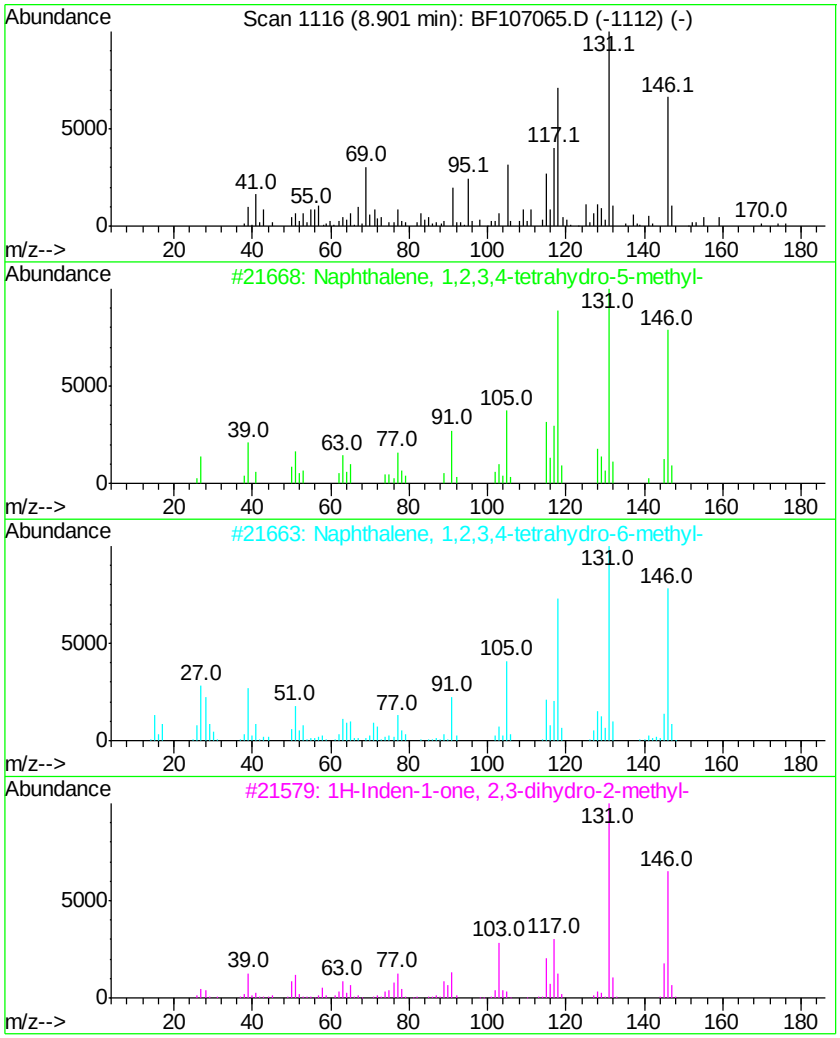
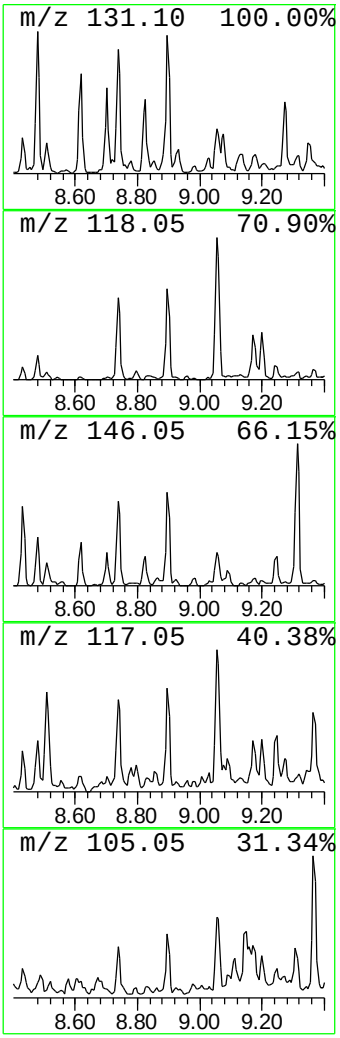
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	7.50 ng	185242	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	68
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	68
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	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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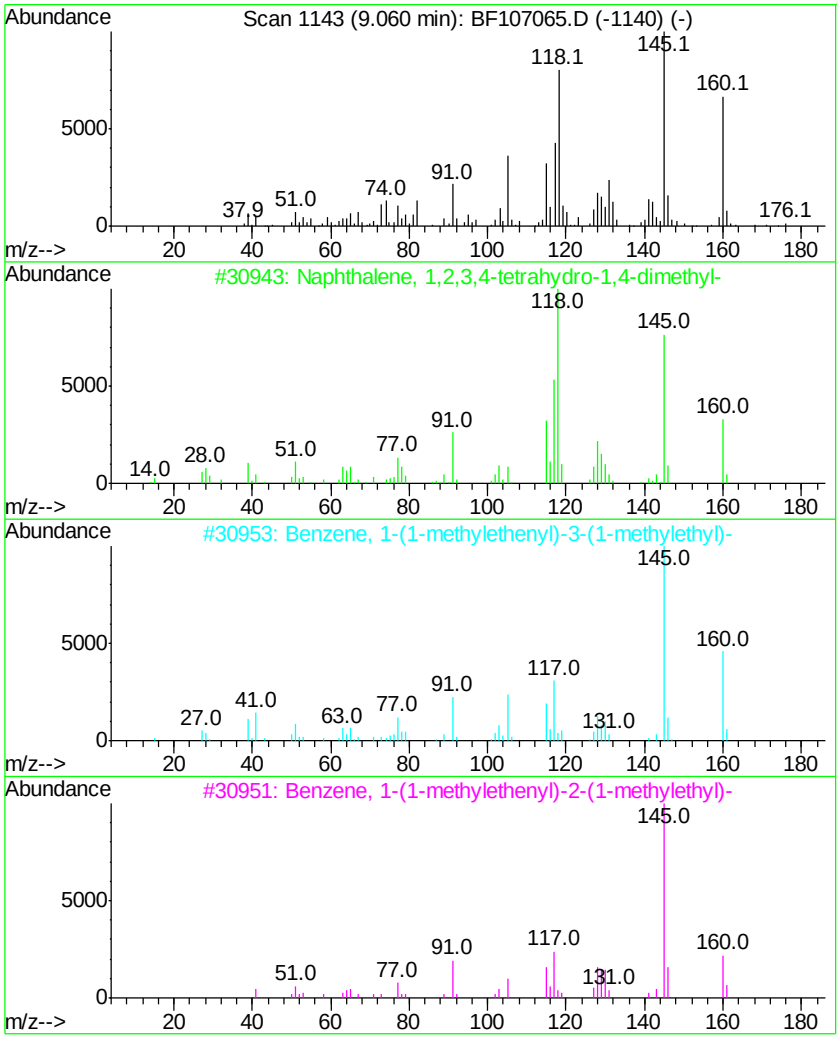
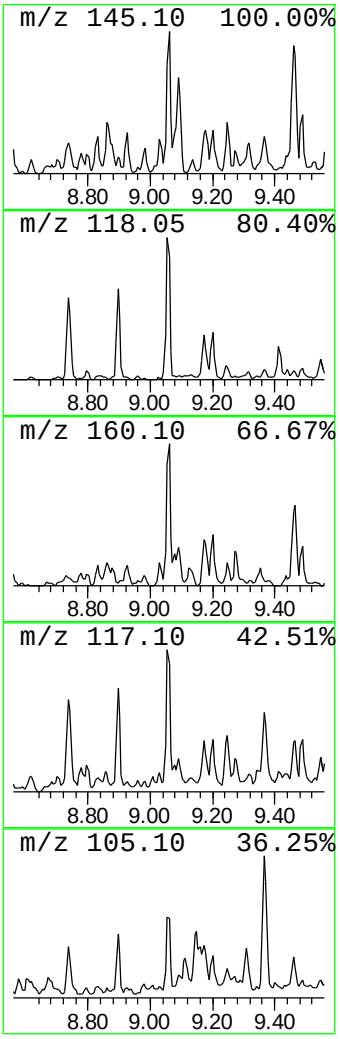
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	13.29 ng	328029	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	90
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	78
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	50
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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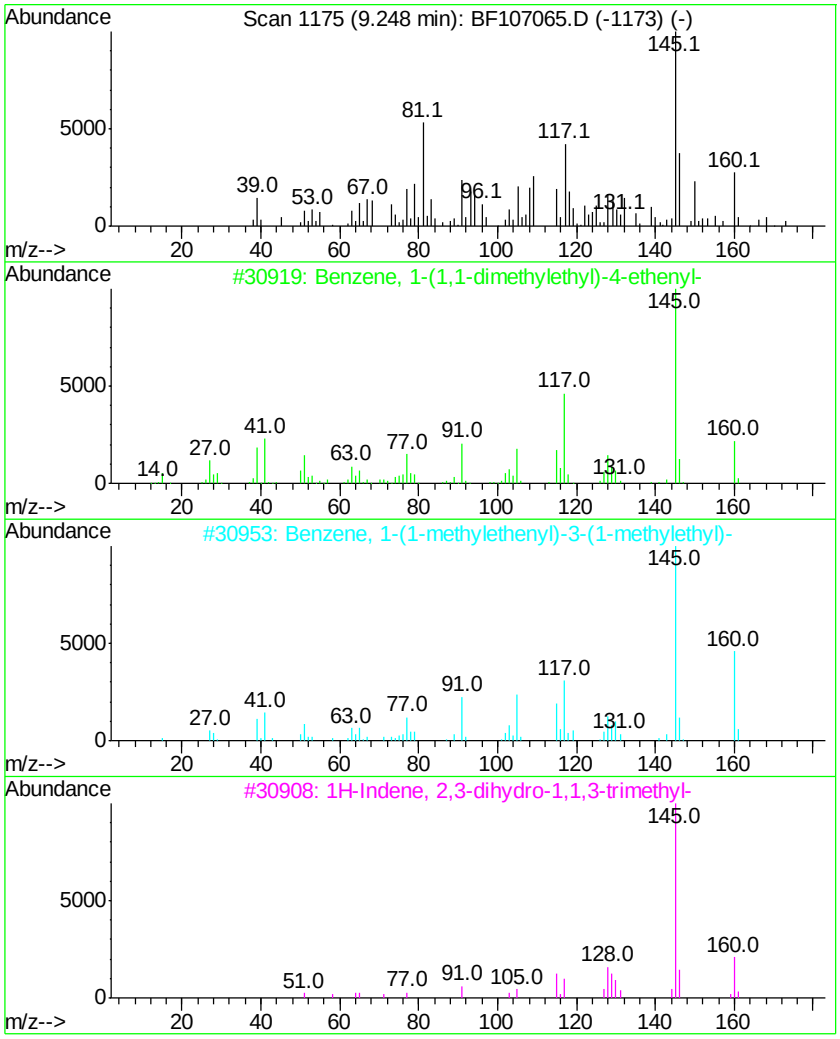
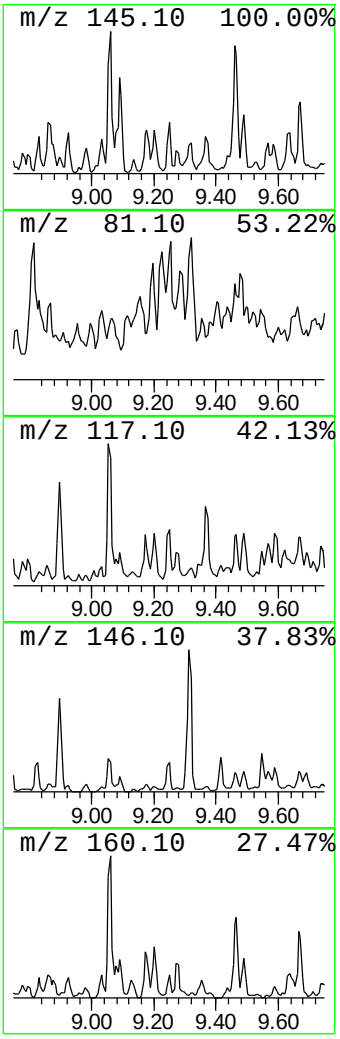
Peak Number 13 Benzene, 1-(1,1-dimethyleth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	7.55 ng	180834	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	60
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	50
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	49





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TIC Library : C:\DATABASE\NIST11.L
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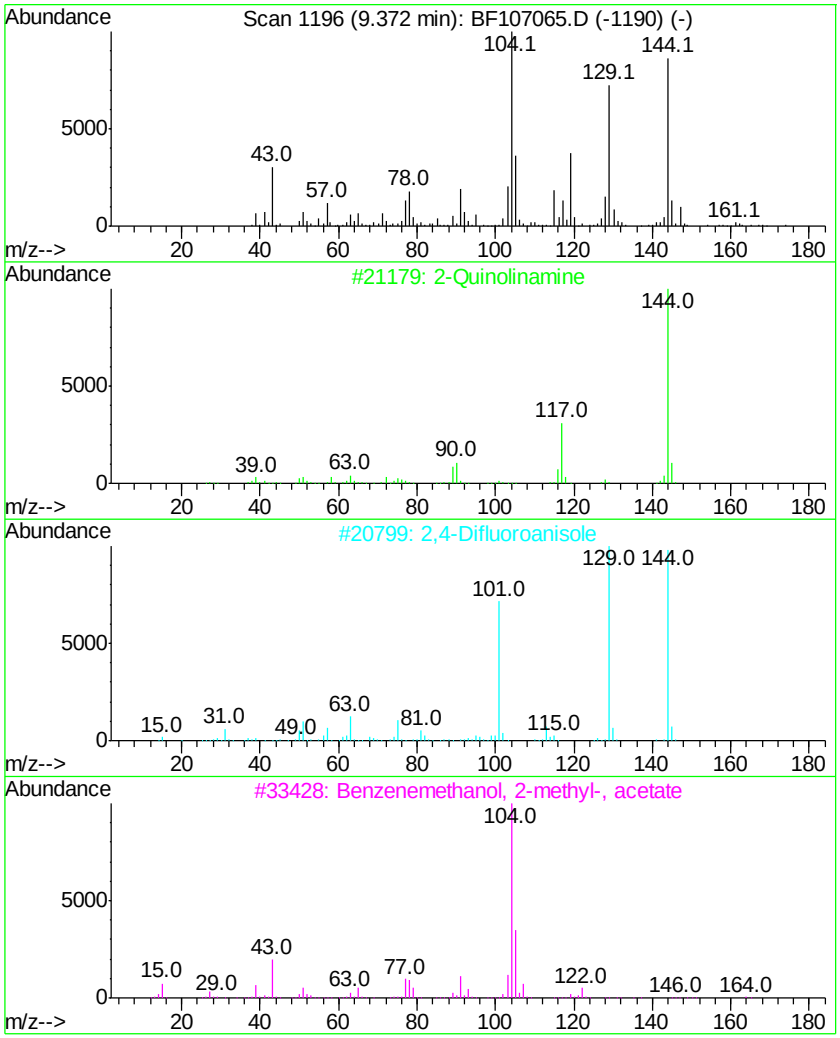
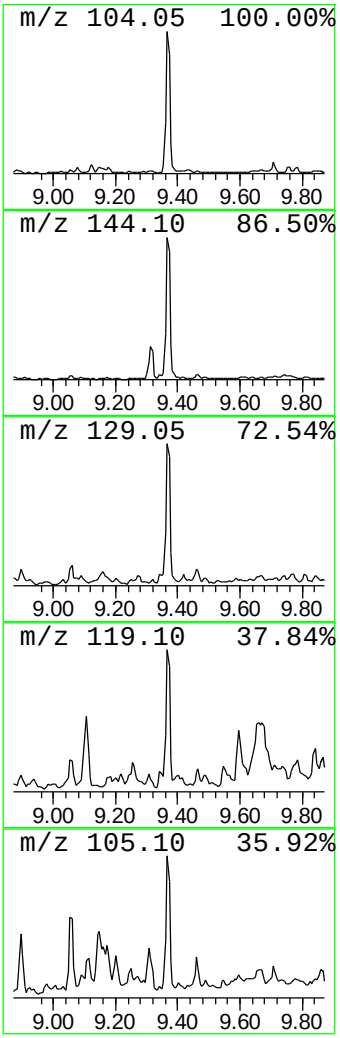
Peak Number 14 unknown9.37 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	21.52 ng	515472	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Quinolinamine	144	C9H8N2	000580-22-3	35
2	2,4-Difluoroanisole	144	C7H6F2O	000452-10-8	27
3	Benzenemethanol, 2-methyl-, acetate	164	C10H12O2	017373-93-2	27
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	27
5	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	27





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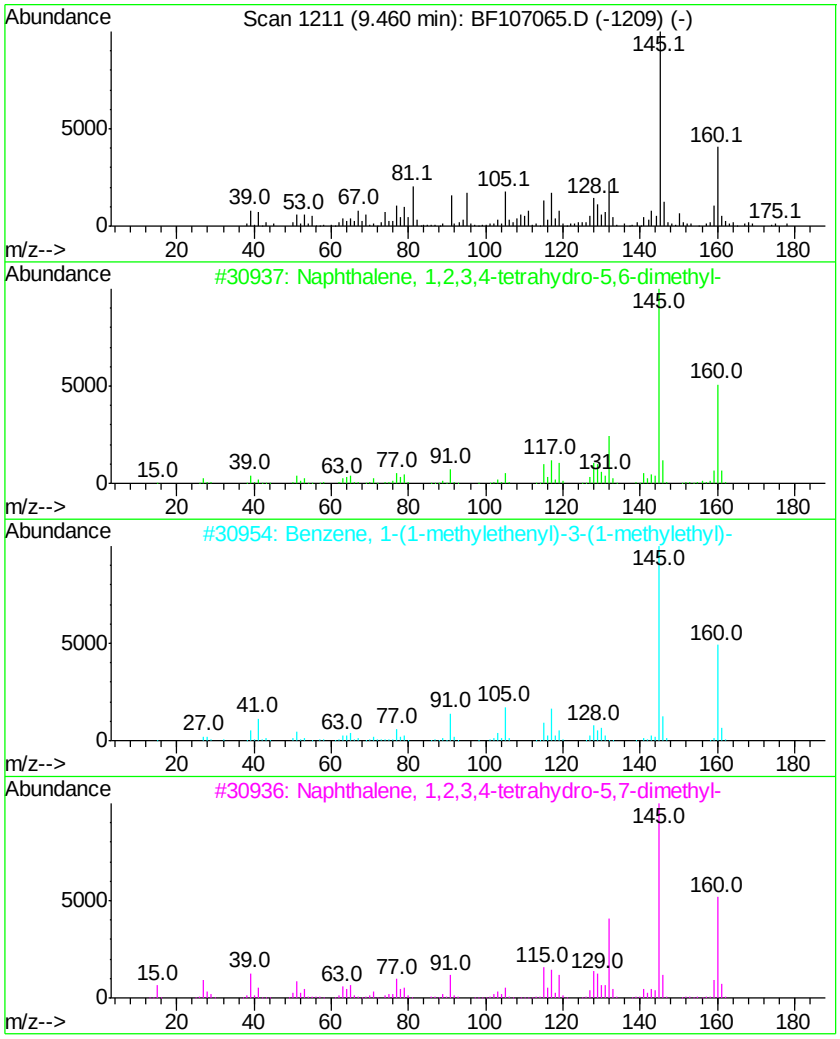
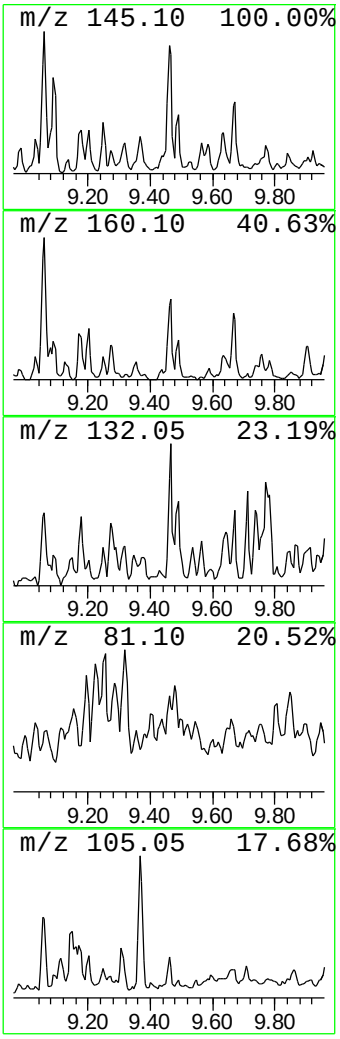
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	7.19 ng	172302	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
4	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	94
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94





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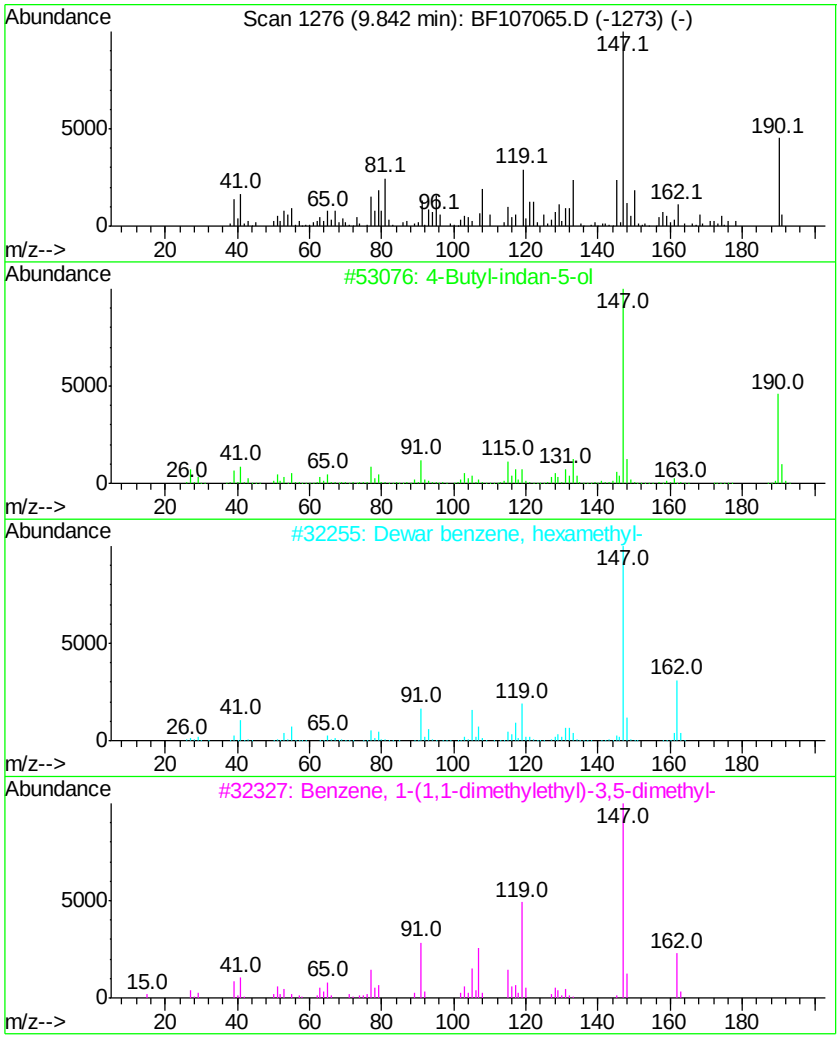
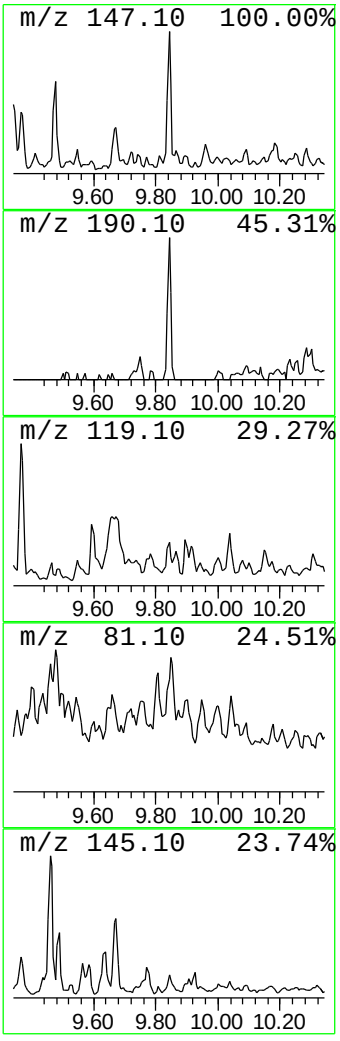
Peak Number 16 4-Butyl-indan-5-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	11.53 ng	276262	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butyl-indan-5-ol	190	C13H18O	1000194-67-3	58
2	Dewar benzene, hexamethyl-	162	C12H18	007641-77-2	49
3	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	45
4	Ethanone, 1,1'-(1,3-phenylene)bis-	162	C10H10O2	006781-42-6	43
5	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	43





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ULMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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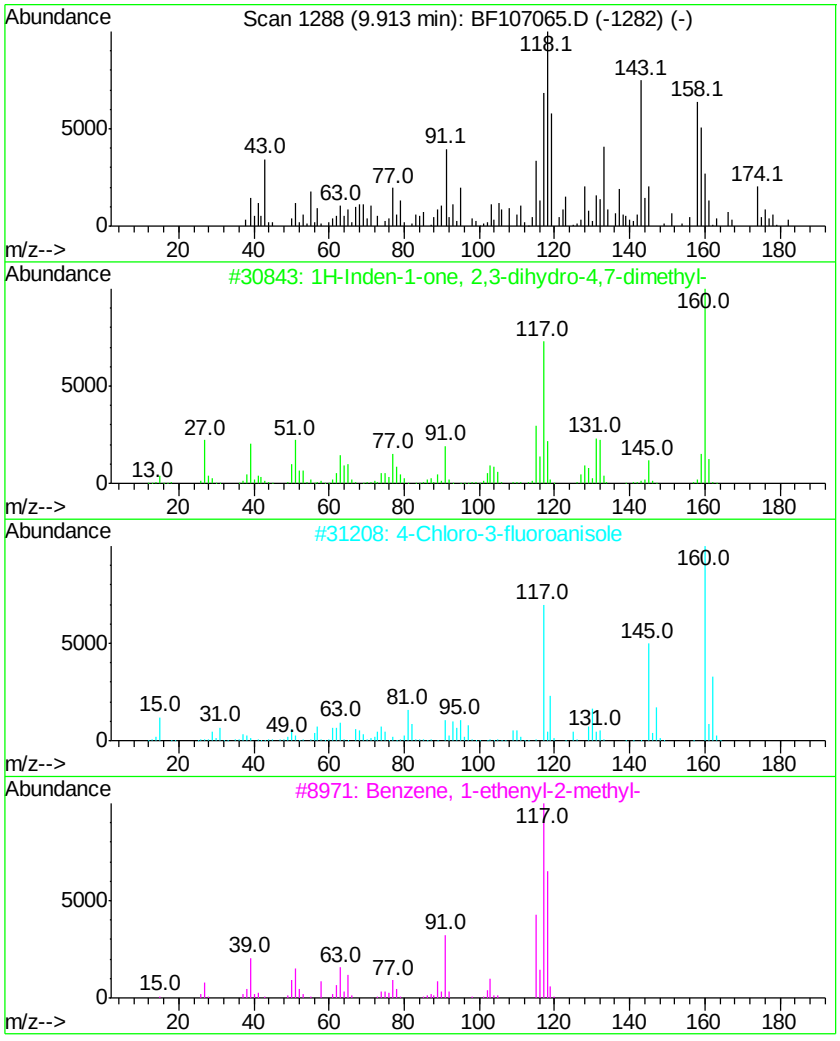
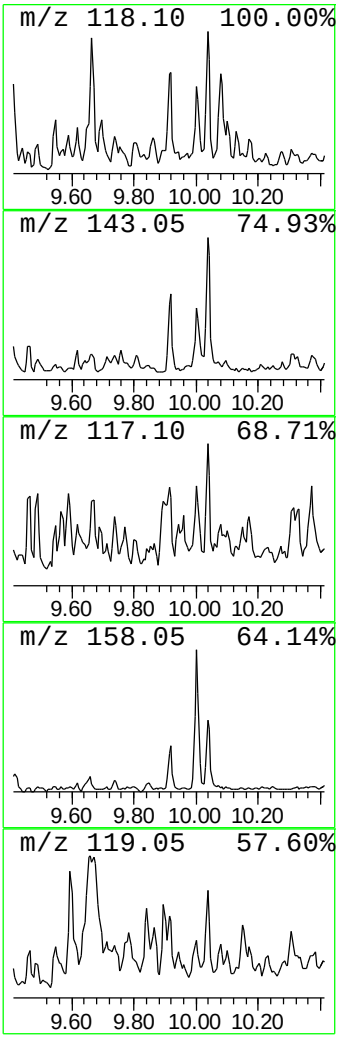
Peak Number 17 unknown9.91 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	8.47 ng	202974	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	38
2	4-Chloro-3-fluoroanisole	160	C7H6ClFO	000501-29-1	35
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	25
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	25
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107065.D
Acq On : 3 Jul 2018 2:03
Operator : JU/SJ
Sample : J3799-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ULMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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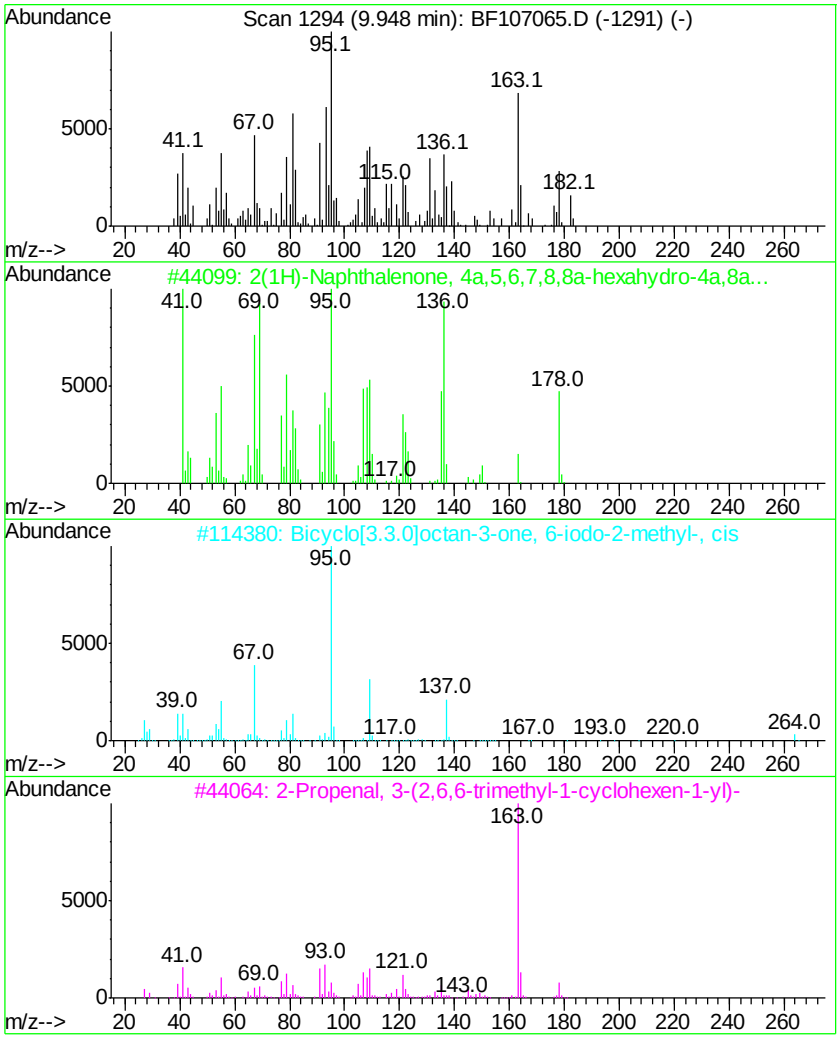
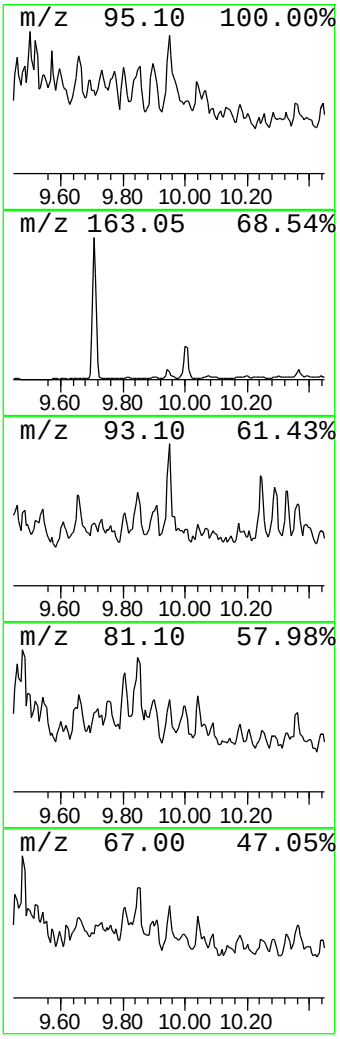
Peak Number 18 unknown9.95 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	8.98 ng	215146	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, 4a,5,6,7,8,...	178	C12H18O	013485-66-0	35
2	Bicyclo[3.3.0]octan-3-one, 6-iod...	264	C9H13IO	1000150-13-4	27
3	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	25
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	22
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107065.D
Acq On : 3 Jul 2018 2:03
Operator : JU/SJ
Sample : J3799-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ULMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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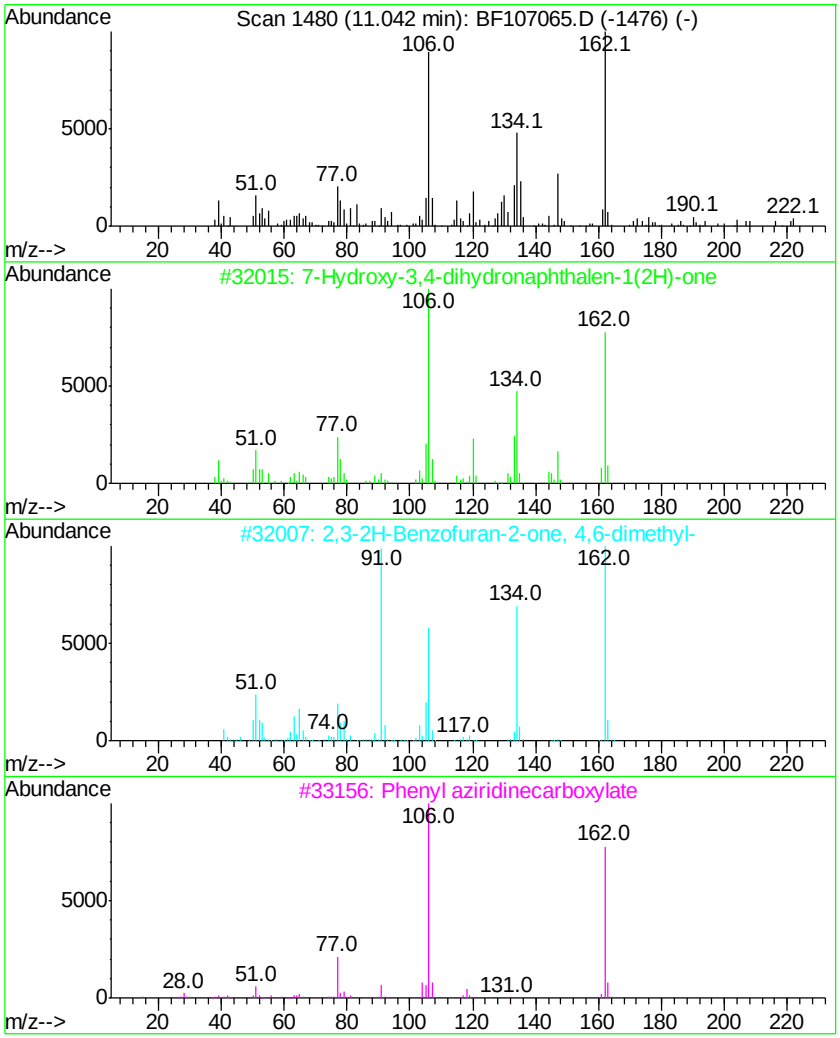
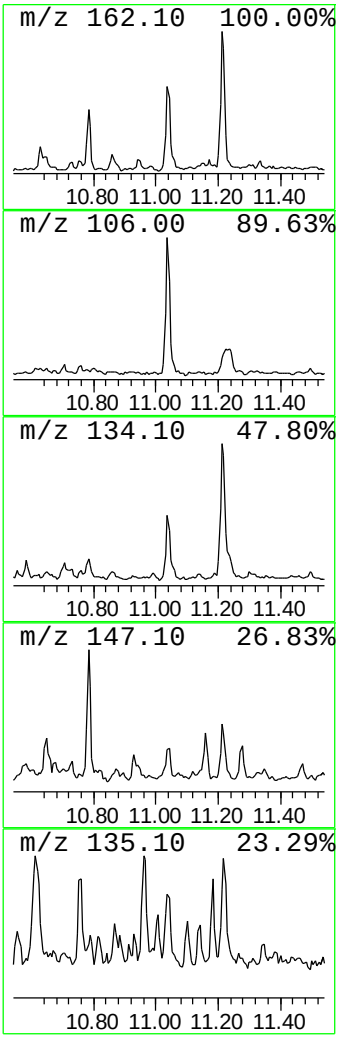
Peak Number 19 7-Hydroxy-3,4-dihydronaphth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	6.99 ng	125489	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hydroxy-3,4-dihydronaphthalen-...	162	C10H10O2	022009-38-7	81
2	2,3-2H-Benzofuran-2-one, 4,6-dim...	162	C10H10O2	033901-25-6	53
3	Phenyl aziridinecarboxylate	163	C9H9NO2	014924-97-1	43
4	2H-1-Benzopyran-2-one, 6-hydroxy-	162	C9H6O3	006093-68-1	41
5	2(3H)-Benzofuranone, 3,3-dimethyl-	162	C10H10O2	013524-76-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107065.D
Acq On : 3 Jul 2018 2:03
Operator : JU/SJ
Sample : J3799-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ULMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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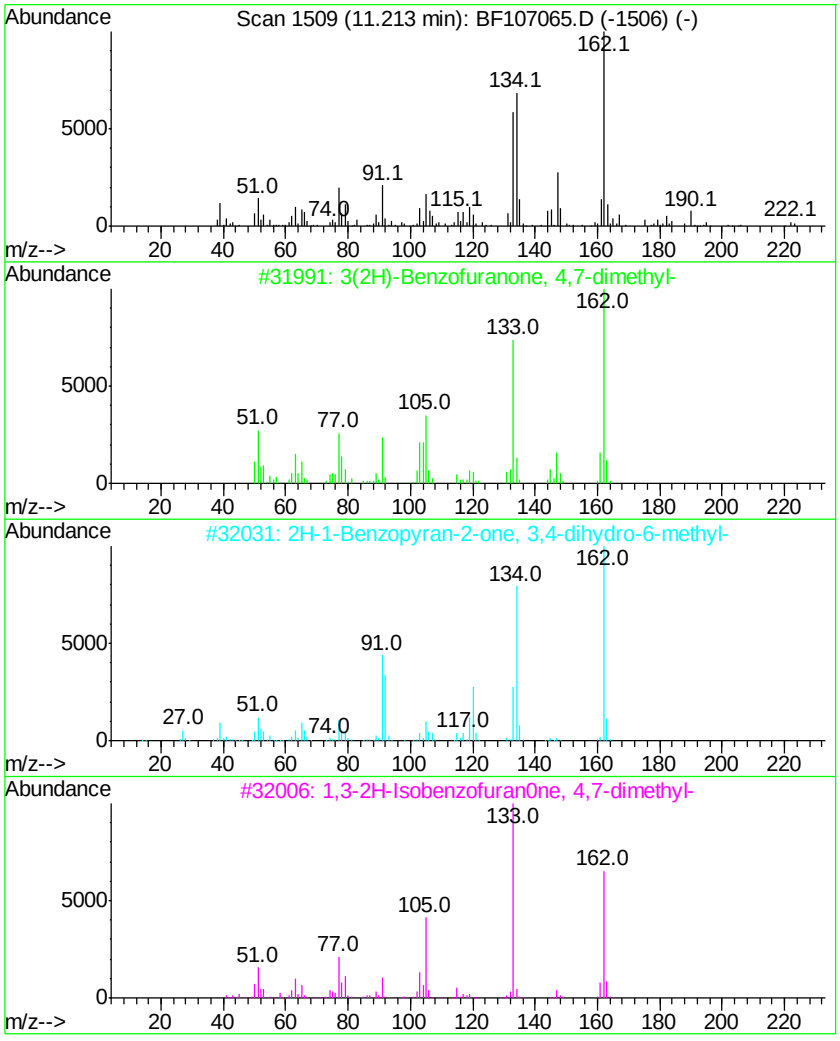
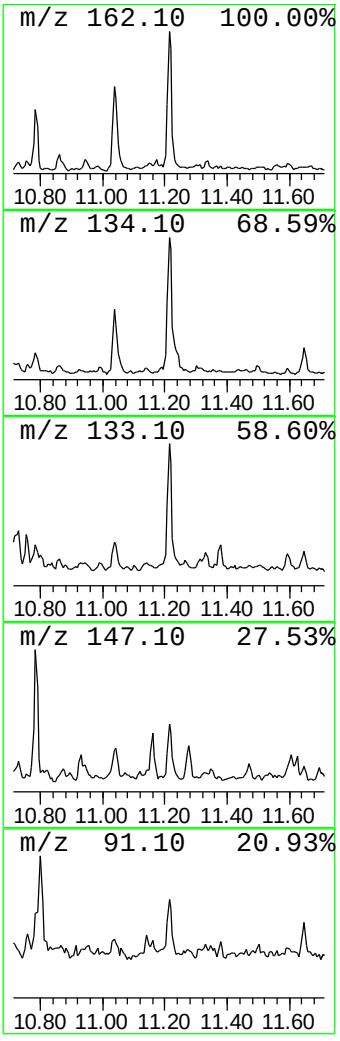
Peak Number 20 3(2H)-Benzofuranone, 4,7-di... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	11.70 ng	210211	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(2H)-Benzofuranone, 4,7-dimethyl-	162	C10H10O2	020895-45-8	64
2	2H-1-Benzopyran-2-one, 3,4-dihyd...	162	C10H10O2	000092-47-7	62
3	1,3-2H-Isobenzofuran0ne, 4,7-dim...	162	C10H10O2	054598-91-3	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	162	C11H14O	001008-19-1	58
5	2,3-2H-Benzofuran-2-one, 4,6-dim...	162	C10H10O2	033901-25-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
Data File : BF107065.D
Acq On : 3 Jul 2018 2:03
Operator : JU/SJ
Sample : J3799-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ULMW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
unknown6.74	6.74	61.1	ng	1247700	1	6.95	408229	20.0
Benzene, 1,2,4-tr...	6.78	9.0	ng	182806	1	6.95	408229	20.0
unknown8.18	8.18	8.4	ng	208229	2	8.24	493728	20.0
unknown8.38	8.38	14.4	ng	356316	2	8.24	493728	20.0
Naphthalene, 1,2,...	8.43	7.4	ng	181762	2	8.24	493728	20.0
Benzene, (2-methy...	8.48	12.9	ng	317938	2	8.24	493728	20.0
1H-Indene, 2,3-di...	8.62	13.1	ng	322805	2	8.24	493728	20.0
unknown8.68	8.68	13.2	ng	324603	2	8.24	493728	20.0
unknown8.81	8.81	8.6	ng	212217	2	8.24	493728	20.0
Naphthalene, 1,2,...	8.90	7.5	ng	185242	2	8.24	493728	20.0
Naphthalene, 1,2,...	9.06	13.3	ng	328029	2	8.24	493728	20.0
Benzene, 1-(1,1-d...	9.25	7.5	ng	180834	3	10.00	479102	20.0
unknown9.37	9.37	21.5	ng	515472	3	10.00	479102	20.0
Naphthalene, 1,2,...	9.46	7.2	ng	172302	3	10.00	479102	20.0
4-Butyl-indan-5-ol	9.84	11.5	ng	276262	3	10.00	479102	20.0
unknown9.91	9.91	8.5	ng	202974	3	10.00	479102	20.0
unknown9.95	9.95	9.0	ng	215146	3	10.00	479102	20.0
7-Hydroxy-3,4-dih...	11.04	7.0	ng	125489	4	11.50	359287	20.0
3(2H)-Benzofurano...	11.21	11.7	ng	210211	4	11.50	359287	20.0