LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106324.D
Acq On : 12 Jun 2018 5:31
Operator : JU/SJ
Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-35

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-BF061118.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	3.825	246	253	258	rVB	98873	155273	2.79%	0.158%
2	4.166	305	311	316	rBV	349959	441811	7.93%	0.448%
3	4.666	392	396	400	rBV2	126759	171609	3.08%	0.174%
4	4.760	409	412	417	rBV3	221788	267356	4.80%	0.271%
5	5.001	447	453	455	rBV	176608	185311	3.33%	0.188%
6	5.201	483	487	490	rBV2	239394	330111	5.93%	0.335%
7	5.272	494	499	503	rVB4	120918	156688	2.81%	0.159%
8	5.590	546	553	558	rVB	2840040	3047888	54.74%	3.092%
9	5.766	577	583	586	rBV	210429	219215	3.94%	0.222%
10	6.001	617	623	625	rBV4	126299	156293	2.81%	0.159%
11	6.143	644	647	650	rBV2	311083	319239	5.73%	0.324%
12	6.372	682	686	688	rBV	166318	182643	3.28%	0.185%
13	6.584	717	722	725	rBV	1996811	1864727	33.49%	1.892%
14	6.654	730	734	738	rBV	377726	373483	6.71%	0.379%
15	6.743	743	749	752	rBV	4043334	4331992	77.80%	4.394%
16	6.972	784	788	791	rBV	1573751	1335537	23.98%	1.355%
17	7.131	808	815	817	rBV	4414462	4835139	86.83%	4.905%
18	7.154	817	819	822	rVV	4247940	3416607	61.36%	3.466%
19	7.213	826	829	832	rBV	1227863	1034522	18.58%	1.049%
20	7.284	838	841	843	rBV2	514274	497259	8.93%	0.504%
21	7.307	843	845	851	rVB2	750697	647326	11.62%	0.657%
22	7.366	851	855	858	rBV2	453485	510608	9.17%	0.518%
23	7.478	869	874	875	rBV2	315540	359273	6.45%	0.364%
24	7.501	875	878	880	rVV	1865922	1881396	33.79%	1.908%
25	7.542	880	885	887	rVV2	4680522	5568419	100.00%	5.649%
26	7.607	893	896	902	rBV5	424111	470129	8.44%	0.477%
27	7.654	902	904	910	rVB	386798	452379	8.12%	0.459%
28	7.713	910	914	915	rBV3	250510	264270	4.75%	0.268%
29	7.737	915	918	922	rVB	1331279	1095256	19.67%	1.111%
30	7.778	922	925	928	rVB3	158907	182441	3.28%	0.185%
31	7.813	928	931	933	rBV	361011	309209	5.55%	0.314%
32	7.848	934	937	939	rBV2	289405	259298	4.66%	0.263%
33	7.901	942	946	948	rBV2	602698	697427	12.52%	0.707%
34	7.925	948	950	955	rVB2	1022982	1222455	21.95%	1.240%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106324.D
Acq On : 12 Jun 2018 5:31
Operator : JU/SJ
Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-35

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.989	955	961	963	rBV	2338975	2339345	42.01%	2.373%
36	8.013	963	965	970	rVB4	286143	344186	6.18%	0.349%
37	8.066	970	974	975	rBV3	285415	415961	7.47%	0.422%
38	8.113	980	982	984	rBV	278478	214049	3.84%	0.217%
39	8.189	991	995	1000	rBV6	629351	1108396	19.91%	1.124%
40	8.254	1000	1006	1011	rVB3	2134659	2989517	53.69%	3.033%
41	8.295	1011	1013	1017	rVB	850688	710995	12.77%	0.721%
42	8.337	1017	1020	1022	rVB2	211066	180456	3.24%	0.183%
43	8.384	1022	1028	1030	rBV4	801471	1463962	26.29%	1.485%
44	8.425	1033	1035	1037	rBV2	220613	173295	3.11%	0.176%
45	8.448	1037	1039	1041	rBV2	435595	317997	5.71%	0.323%
46	8.472	1041	1043	1045	rBV	365055	319786	5.74%	0.324%
47	8.507	1045	1049	1051	rBV3	959755	1277881	22.95%	1.296%
48	8.531	1051	1053	1058	rVB4	542299	578529	10.39%	0.587%
49	8.595	1061	1064	1066	rBV2	271191	266461	4.79%	0.270%
50	8.637	1066	1071	1073	rBV3	702638	699625	12.56%	0.710%
51	8.684	1073	1079	1081	rBV5	1089786	1555356	27.93%	1.578%
52	8.701	1081	1082	1084	rVV2	285449	234111	4.20%	0.237%
53	8.725	1084	1086	1089	rVB3	589957	642856	11.54%	0.652%
54	8.760	1089	1092	1096	rVB5	599278	688328	12.36%	0.698%
55	8.795	1096	1098	1099	rBV	466173	361967	6.50%	0.367%
56	8.842	1105	1106	1109	rVB3	390360	246973	4.44%	0.251%
57	8.872	1109	1111	1116	rVB4	263596	305883	5.49%	0.310%
58	8.913	1116	1118	1121	rBV3	657750	891032	16.00%	0.904%
59	8.942	1121	1123	1125	rVB3	811546	604996	10.86%	0.614%
60	8.978	1125	1129	1132	rBV3	538854	620905	11.15%	0.630%
61	9.025	1133	1137	1138	rBV2	562361	801936	14.40%	0.813%
62	9.036	1138	1139	1144	rVV4	403575	587061	10.54%	0.596%
63	9.136	1151	1156	1157	rBV4	421653	659643	11.85%	0.669%
64	9.266	1171	1178	1181	rBV6	1303535	2203876	39.58%	2.236%
65	9.331	1185	1189	1193	rVV	4888626	5507371	98.90%	5.587%
66	9.378	1193	1197	1200	rVB3	766744	991540	17.81%	1.006%
67	9.484	1212	1215	1217	rBV3	457870	613360	11.01%	0.622%
68	9.619	1236	1238	1240	rBV2	399788	376097	6.75%	0.382%
69	9.642	1240	1242	1246	rVV4	500975	734089	13.18%	0.745%
70	9.684	1246	1249	1253	rVV4	701599	1057856	19.00%	1.073%
71	9.719	1253	1255	1259	rVV3	591513	730987	13.13%	0.742%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106324.D
Acq On : 12 Jun 2018 5:31
Operator : JU/SJ
Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-35

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.778	1263	1265	1268	rVB4	374957	376066	6.75%	0.381%
73	9.860	1276	1279	1280	rBV	564458	522489	9.38%	0.530%
74	9.919	1286	1289	1290	rBV3	313747	352720	6.33%	0.358%
75	9.972	1295	1298	1302	rVV3	934217	1322985	23.76%	1.342%
76	10.013	1302	1305	1308	rVB	1545435	1534071	27.55%	1.556%
77	10.089	1316	1318	1320	rVB3	498096	378772	6.80%	0.384%
78	10.119	1320	1323	1325	rBV2	754406	596034	10.70%	0.605%
79	10.148	1325	1328	1330	rBV2	406169	338730	6.08%	0.344%
80	10.254	1343	1346	1347	rBV2	299365	254896	4.58%	0.259%
81	10.278	1347	1350	1352	rVV	837039	858114	15.41%	0.870%
82	10.331	1355	1359	1360	rVV	923382	1034198	18.57%	1.049%
83	10.354	1360	1363	1366	rVV2	1228642	1821829	32.72%	1.848%
84	10.389	1366	1369	1377	rVB2	1745720	2527706	45.39%	2.564%
85	10.466	1378	1382	1387	rVB7	1099738	1452594	26.09%	1.473%
86	10.578	1398	1401	1402	rBV	542793	541275	9.72%	0.549%
87	10.713	1421	1424	1426	rBV2	484345	513344	9.22%	0.521%
88	10.736	1426	1428	1432	rVB2	342032	329463	5.92%	0.334%
89	10.807	1434	1440	1442	rVB2	2587803	2853437	51.24%	2.894%
90	10.930	1459	1461	1465	rVB3	393700	391924	7.04%	0.398%
91	10.978	1467	1469	1471	rVB	302933	201975	3.63%	0.205%
92	11.130	1493	1495	1497	rBV2	266988	250171	4.49%	0.254%
93	11.507	1555	1559	1561	rBV	1328067	1218793	21.89%	1.236%
94	11.883	1621	1623	1627	rVB2	192100	241324	4.33%	0.245%
95	12.025	1644	1647	1650	rVV	457171	373049	6.70%	0.378%
96	12.054	1650	1652	1656	rVB3	189591	179546	3.22%	0.182%
97	12.801	1776	1779	1783	rBV	234843	222236	3.99%	0.225%
98	13.089	1823	1828	1831	rBV	4486212	4334125	77.83%	4.396%
99	14.142	2003	2007	2011	rBV	1477411	1351607	24.27%	1.371%
100	15.671	2262	2267	2277	rVB	910117	1148867	20.63%	1.165%

Sum of corrected areas: 98581593

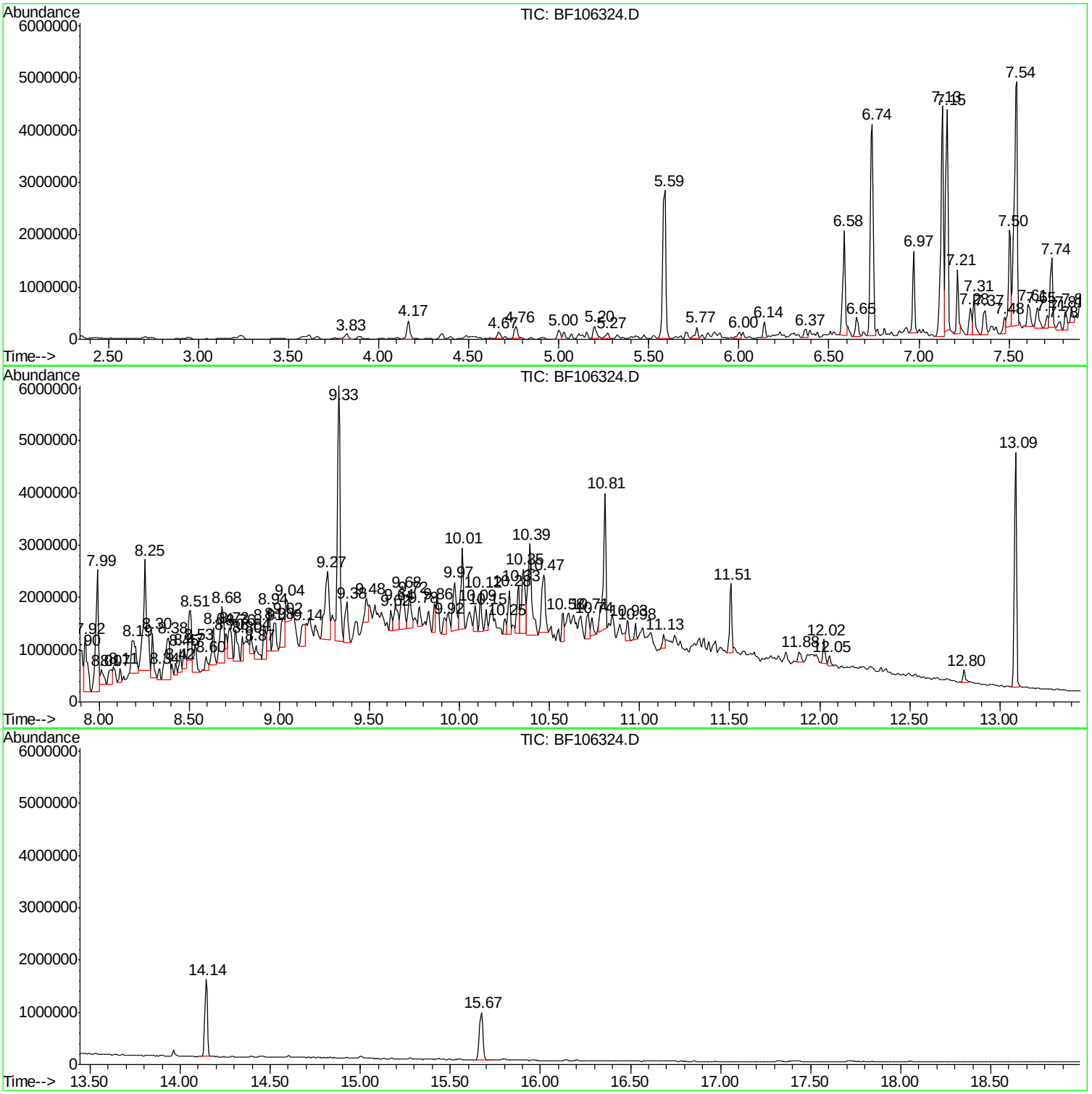
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106324.D
Acq On : 12 Jun 2018 5:31
Operator : JU/SJ
Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-35

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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\BF061118\
Data File : BF106324.D
Acq On : 12 Jun 2018 5:31
Operator : JU/SJ
Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-35

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

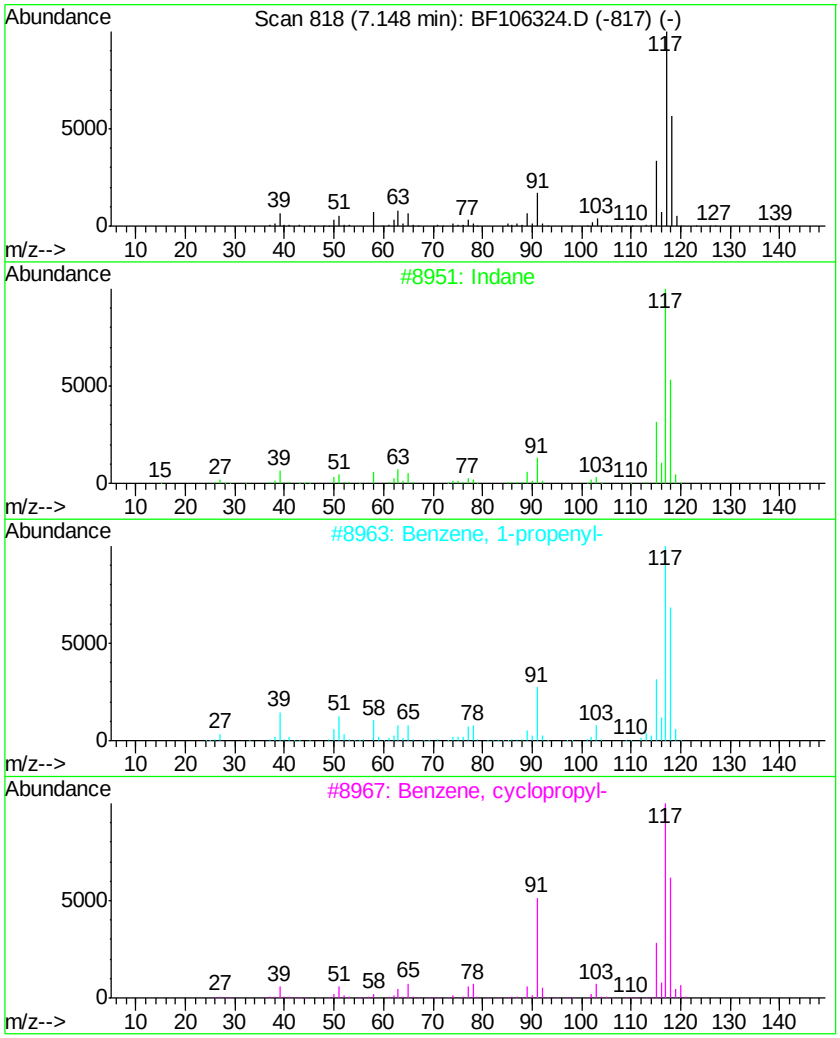
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

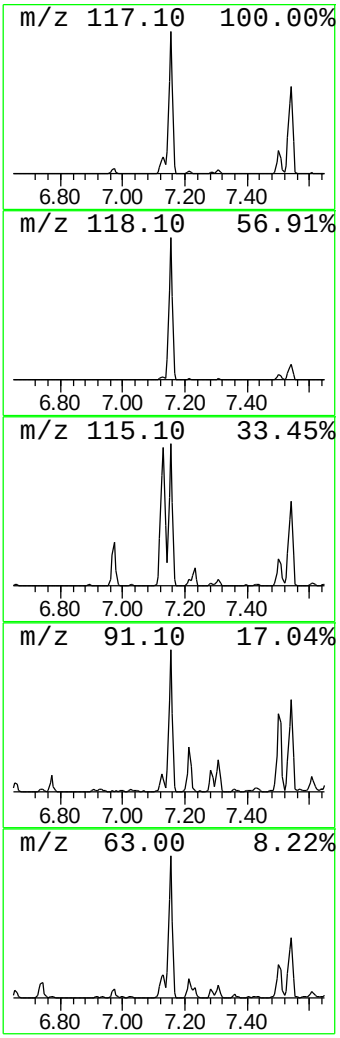
****

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	51.16 ng	3416610	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106324.D
Acq On : 12 Jun 2018 5:31
Operator : JU/SJ
Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-35

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

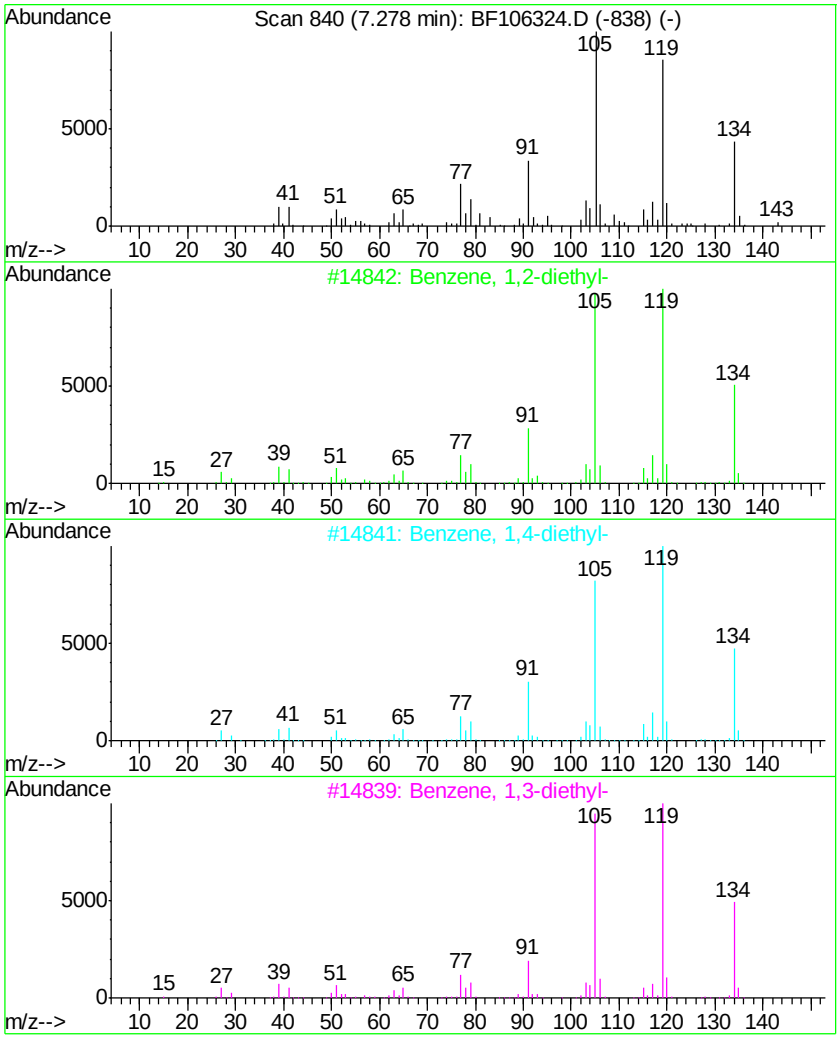
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

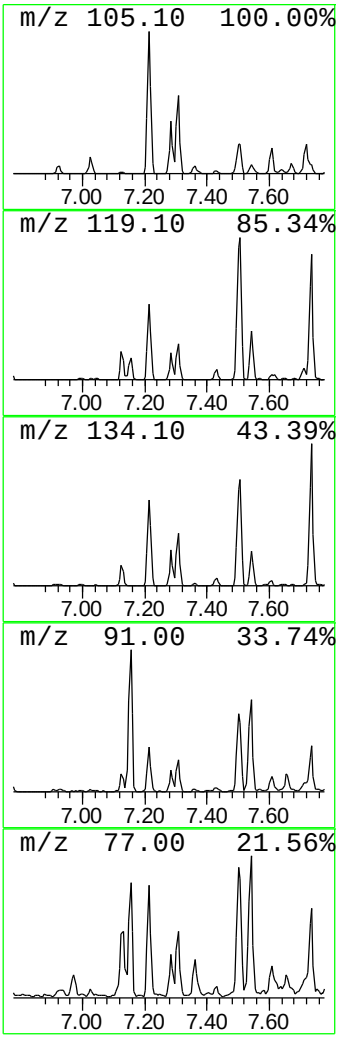
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	7.45 ng	497259	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106324.D
Acq On : 12 Jun 2018 5:31
Operator : JU/SJ
Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-35

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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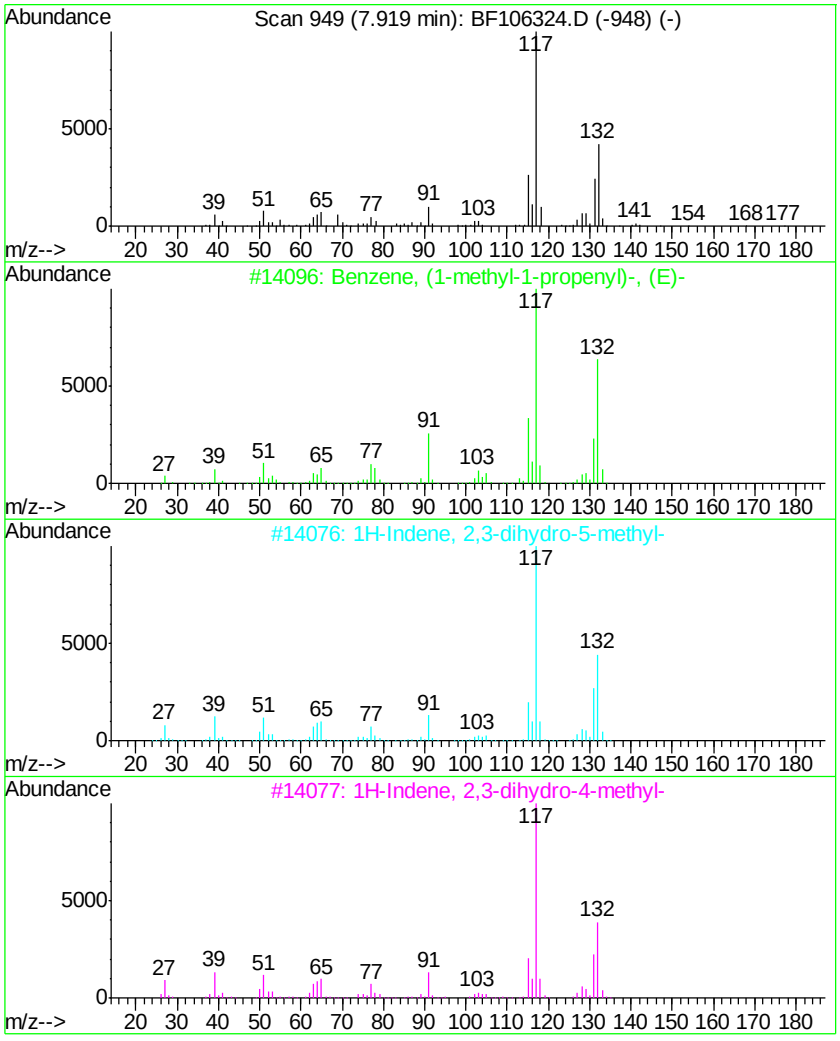
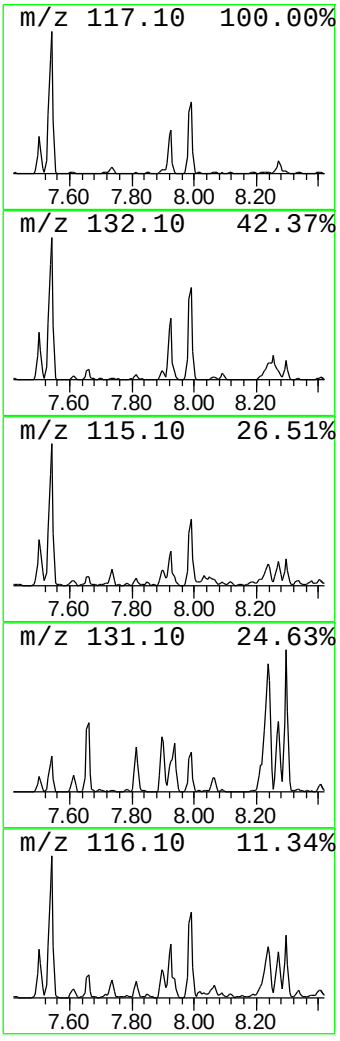
Peak Number 6 Benzene, (1-methyl-1-propen... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	8.18 ng	1222460	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106324.D
Acq On : 12 Jun 2018 5:31
Operator : JU/SJ
Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-35

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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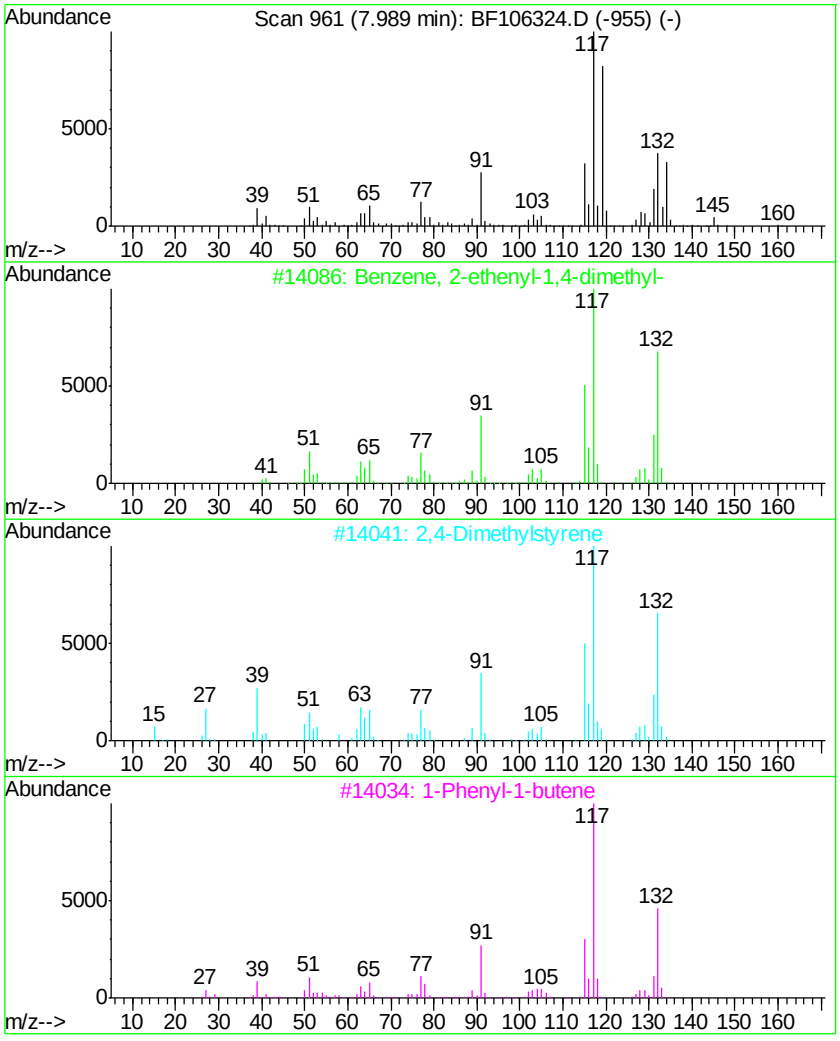
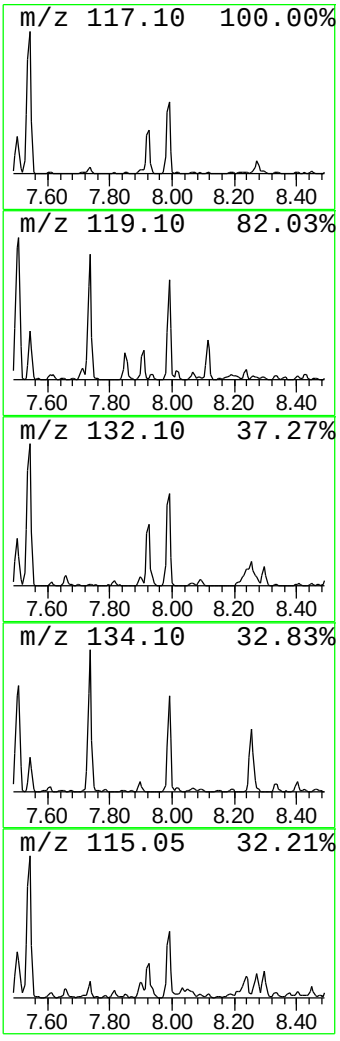
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	15.65 ng	2339350	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106324.D
Acq On : 12 Jun 2018 5:31
Operator : JU/SJ
Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-35

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

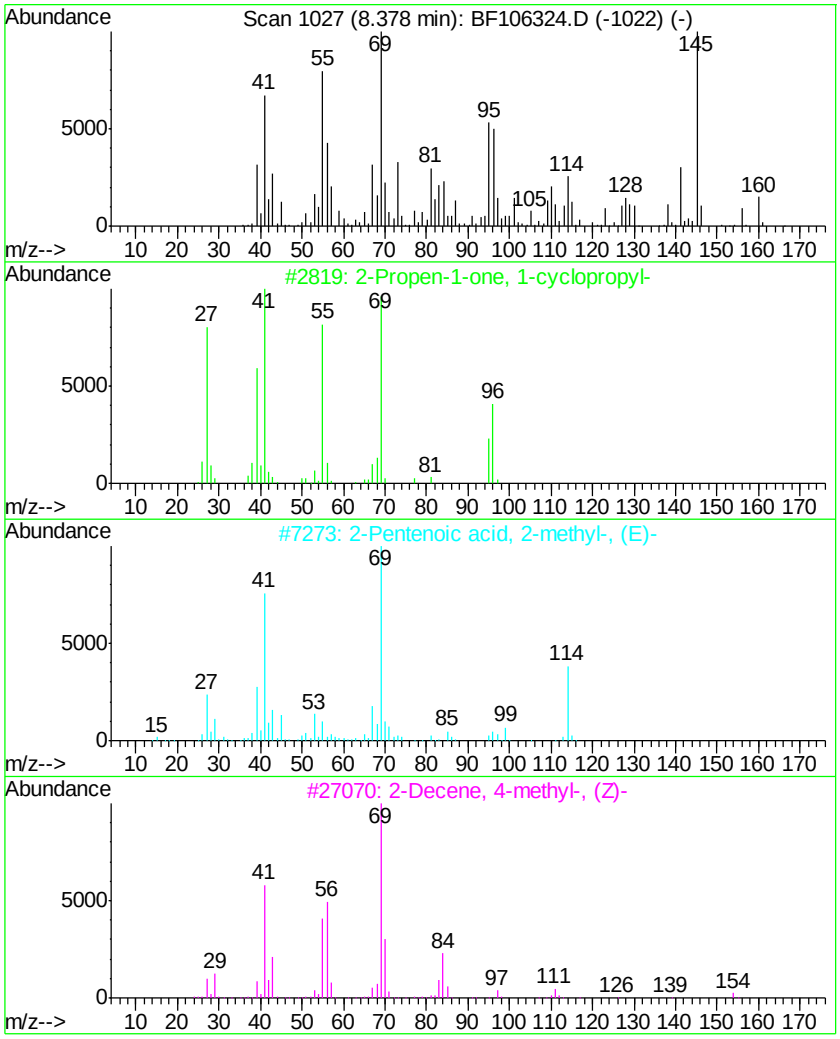
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

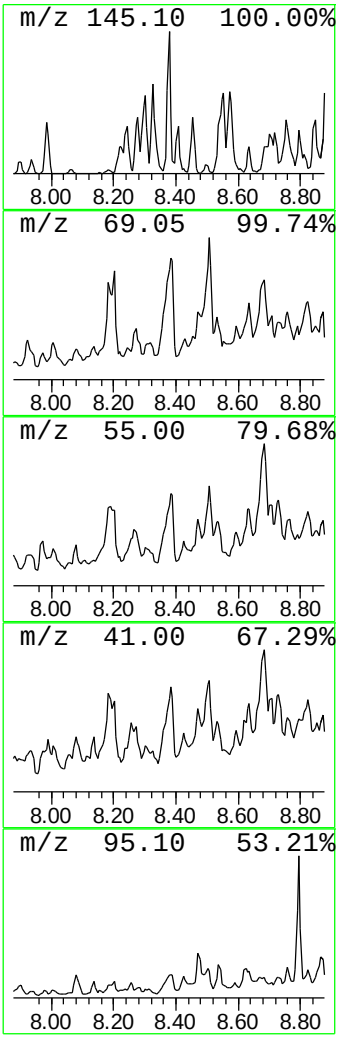
****

Peak Number 8 unknown8.38 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	9.79 ng	1463960	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	35
2	2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	25
3	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	22
4	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	22
5	1,2-Dimethylcyclopropanecarboxyl...	114	C6H10O2	1000191-14-6	22





Library Search Compound Report

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Data File : BF106324.D
Acq On : 12 Jun 2018 5:31
Operator : JU/SJ
Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-35

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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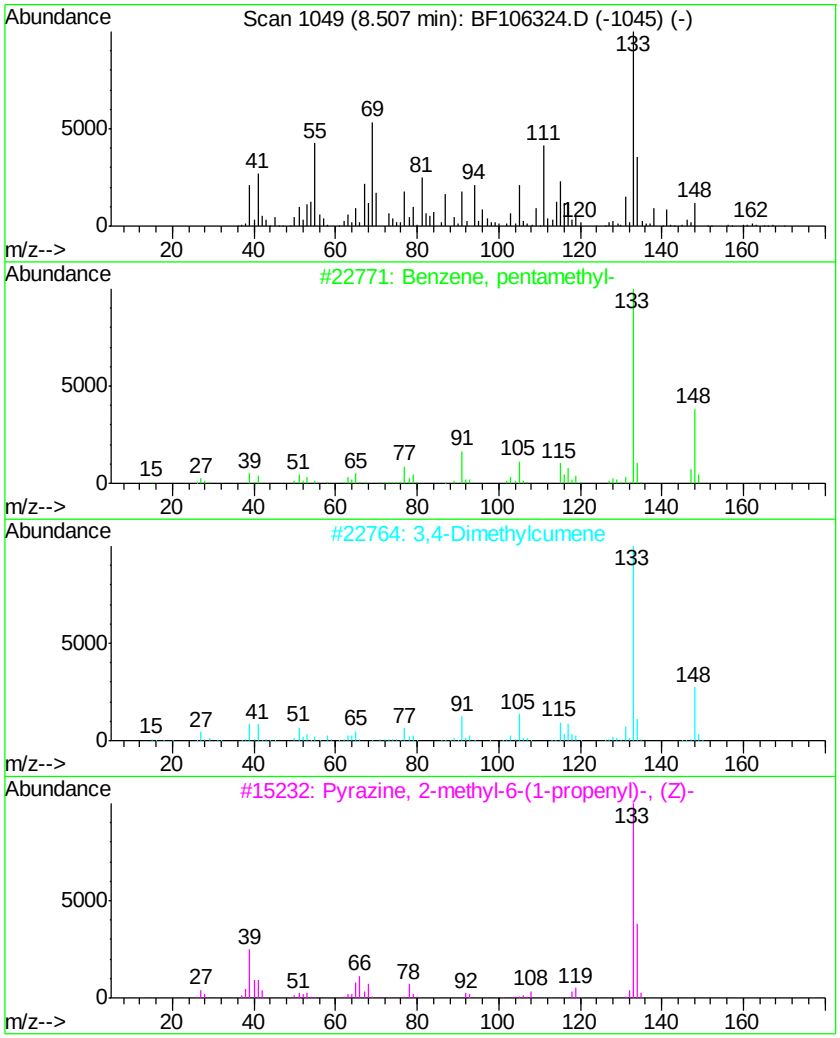
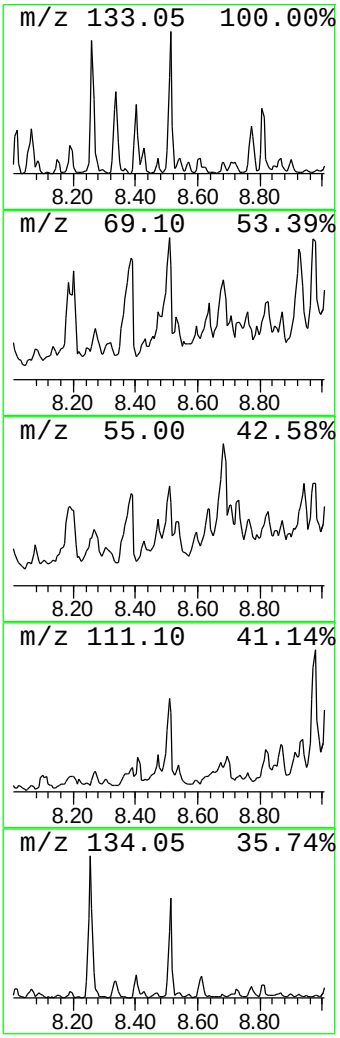
Peak Number 9 Benzene, pentamethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	8.55 ng	1277880	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	46
3	Pyrazine, 2-methyl-6-(1-propenyl...	134	C8H10N2	055138-67-5	41
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	38
5	1H-Indazol-3-amine	133	C7H7N3	000874-05-5	38





Library Search Compound Report

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Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-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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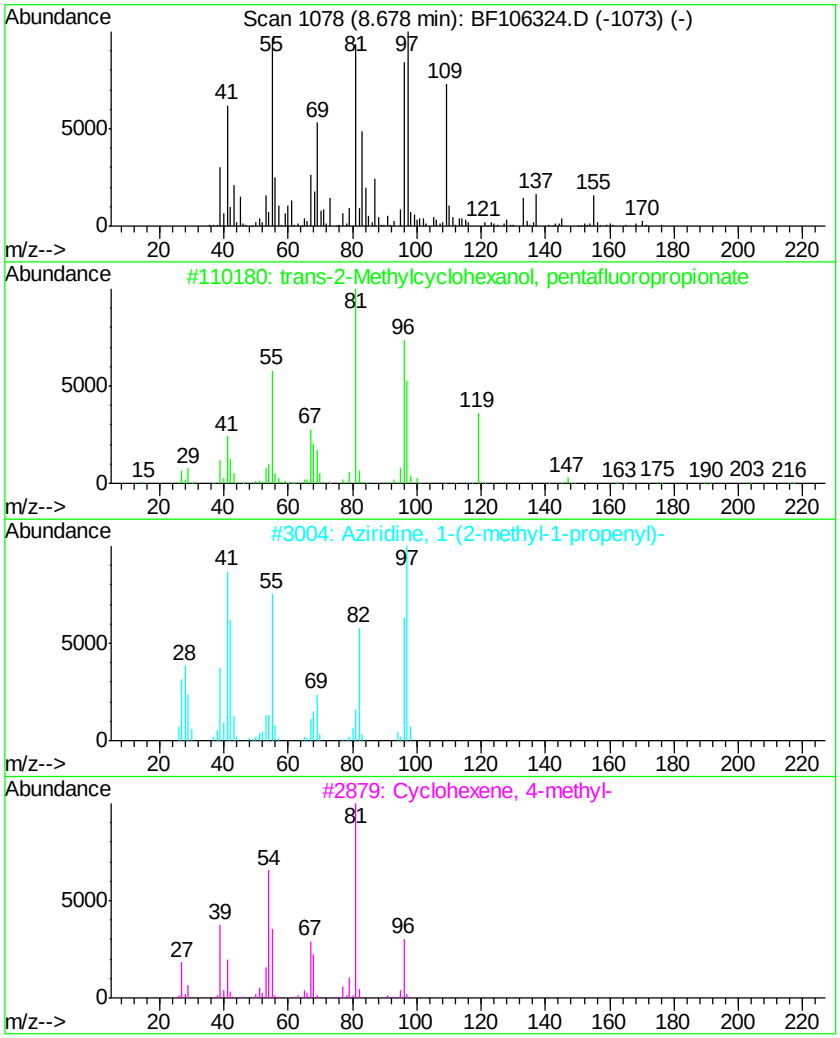
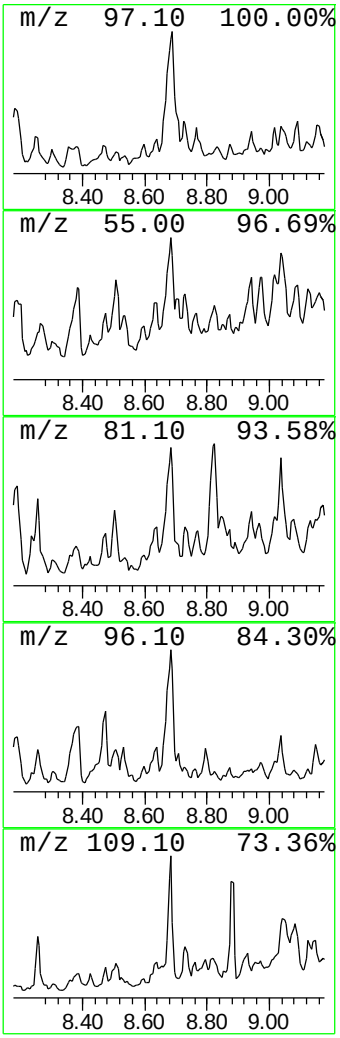
Peak Number 10 unknown8.68 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	10.41 ng	1555360	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Methylcyclohexanol, pent...	260	C10H13F5O2	1000364-13-4	35
2	Aziridine, 1-(2-methyl-1-propenyl)-	97	C6H11N	080839-93-6	27
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	22
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	22
5	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	22





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Instrument : BNA_F
ClientSampleId : MW-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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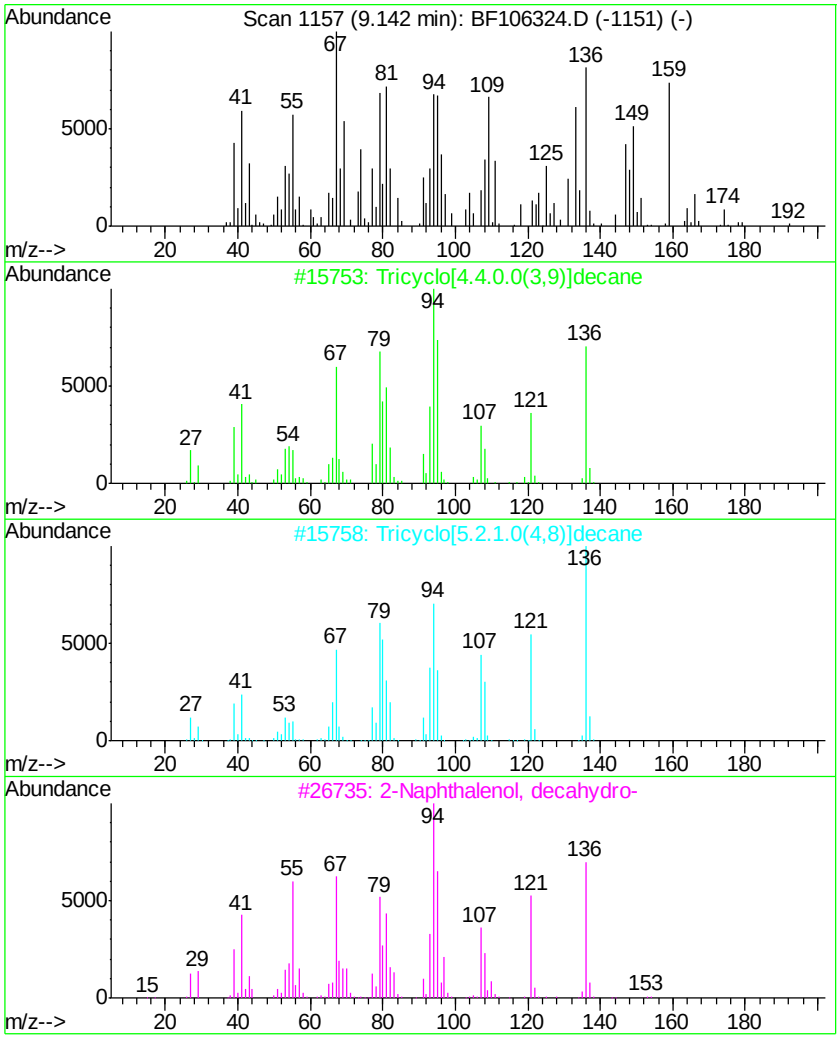
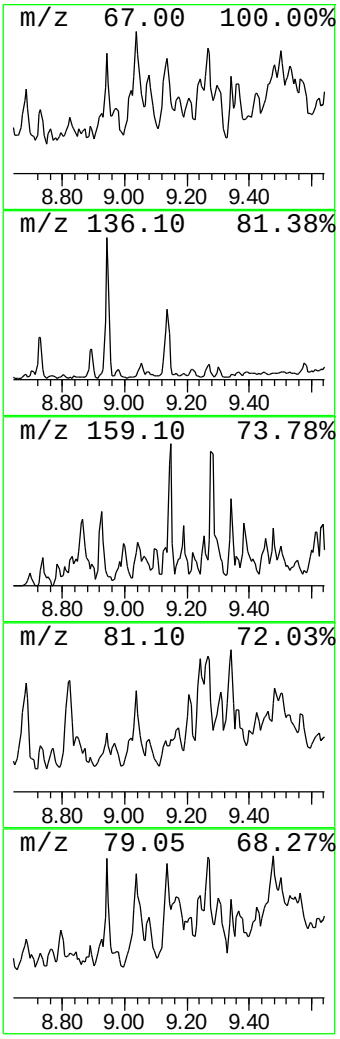
Peak Number 11 Tricyclo[4.4.0.0(3,9)]decane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	8.60 ng	659643	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.4.0.0(3,9)]decane	136	C10H16	029185-96-4	89
2	Tricyclo[5.2.1.0(4,8)]decane	136	C10H16	042836-61-3	70
3	2-Naphthalenol, decahydro-	154	C10H18O	000825-51-4	64
4	Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	62
5	3-Cyclohexene-1-ethanol, .beta.,...	154	C10H18O	013835-75-1	58





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Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-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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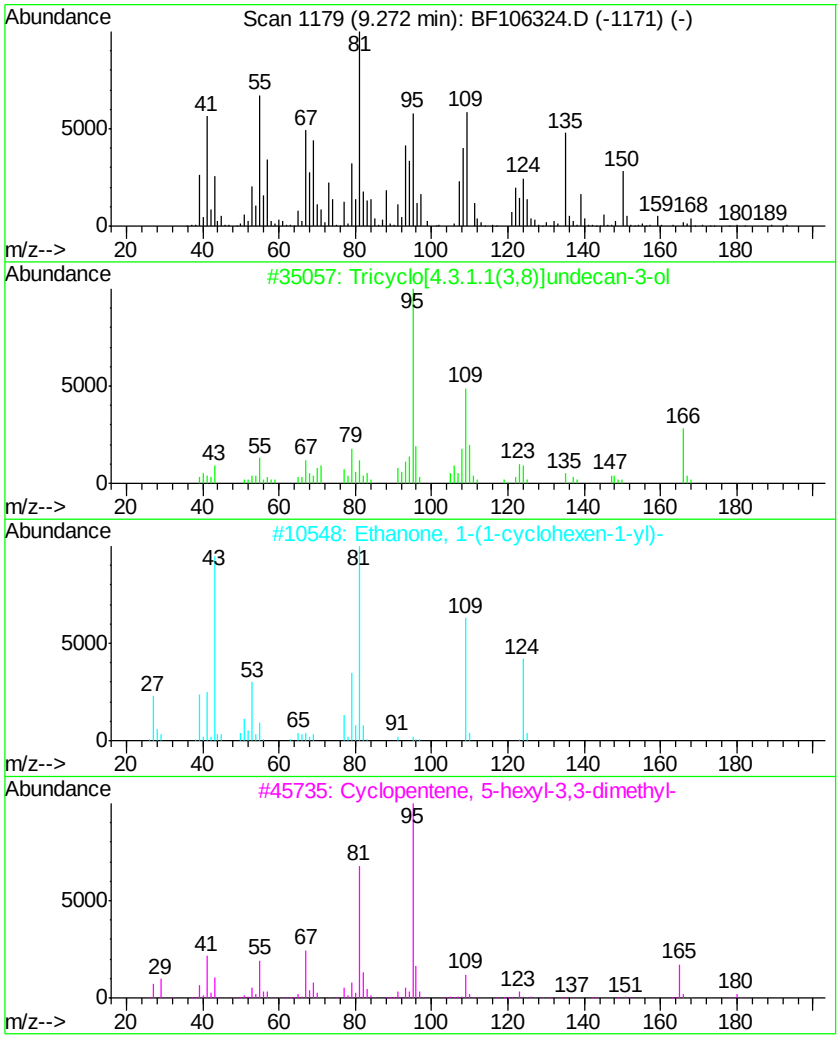
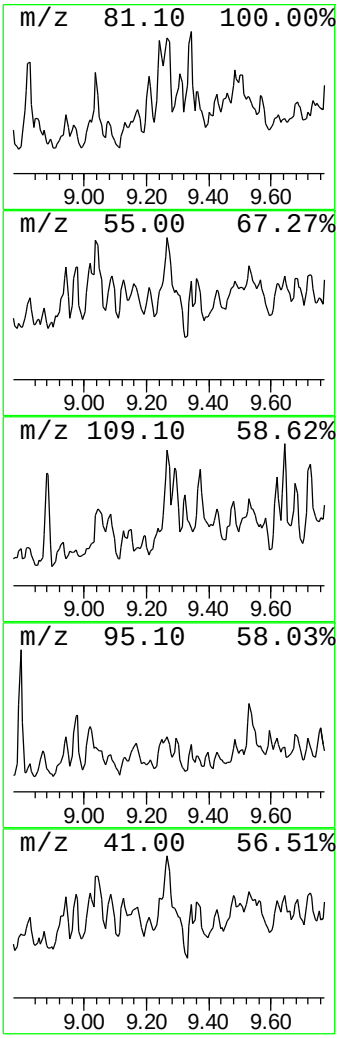
Peak Number 12 unknown9.27 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	28.73 ng	2203880	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	46
2	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	38
3	Cyclopentene, 5-hexyl-3,3-dimethyl-	180	C13H24	061142-66-3	35
4	3,4-Octadiene, 2,2,7,7-tetramethyl-	166	C12H22	061092-76-0	27
5	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	25





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Sample : J3311-02
Misc :
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ClientSampleId : MW-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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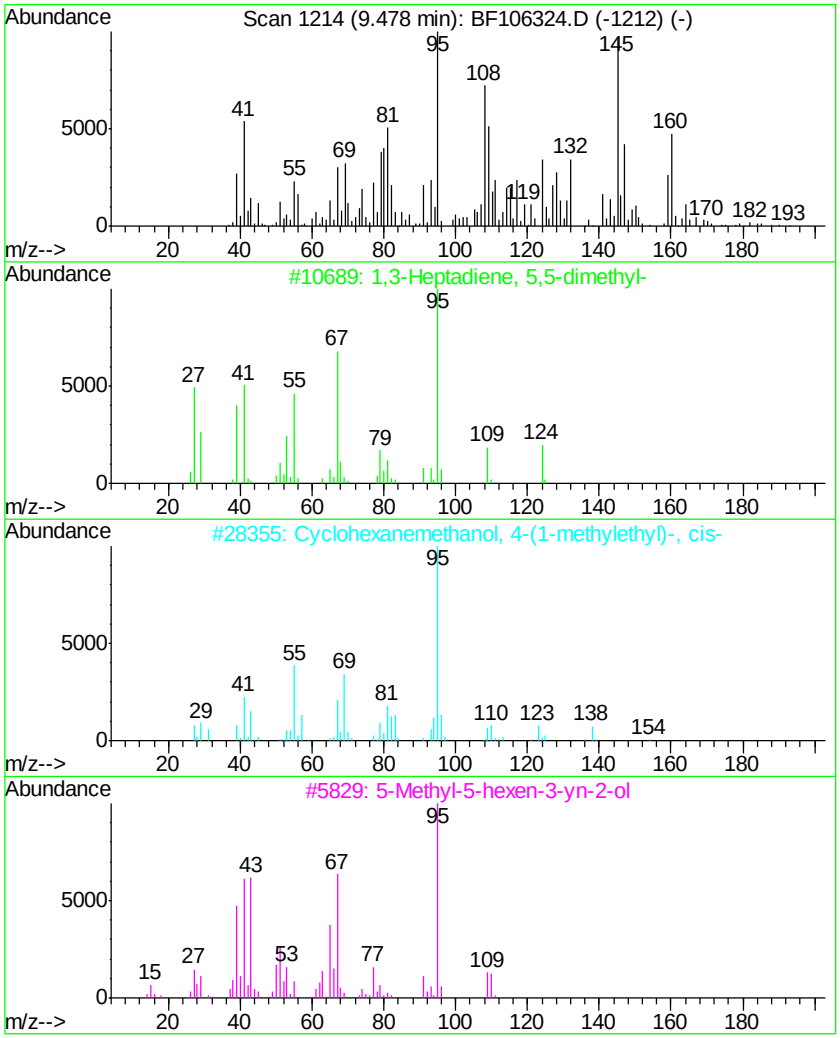
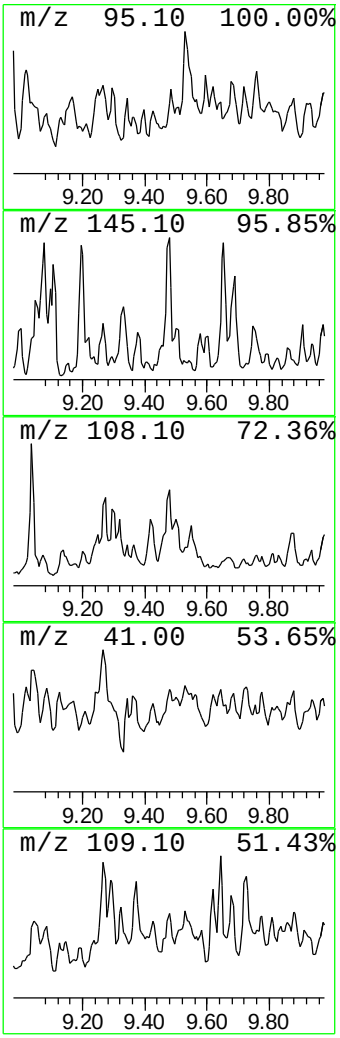
Peak Number 13 unknown9.48 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	8.00 ng	613360	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Heptadiene, 5,5-dimethyl-	124	C9H16	024618-86-8	16
2	Cyclohexanemethanol, 4-(1-methyl...	156	C10H20O	013828-37-0	14
3	5-Methyl-5-hexen-3-yn-2-ol	110	C7H10O	068017-33-4	14
4	trans,trans-1,7-Dimethylspiro[4....	166	C12H22	1000111-72-6	14
5	Hexanoic acid, 3,5-dimethylcyclo...	226	C14H26O2	1000279-28-3	12





Library Search Compound Report

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Sample : J3311-02
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ClientSampleId : MW-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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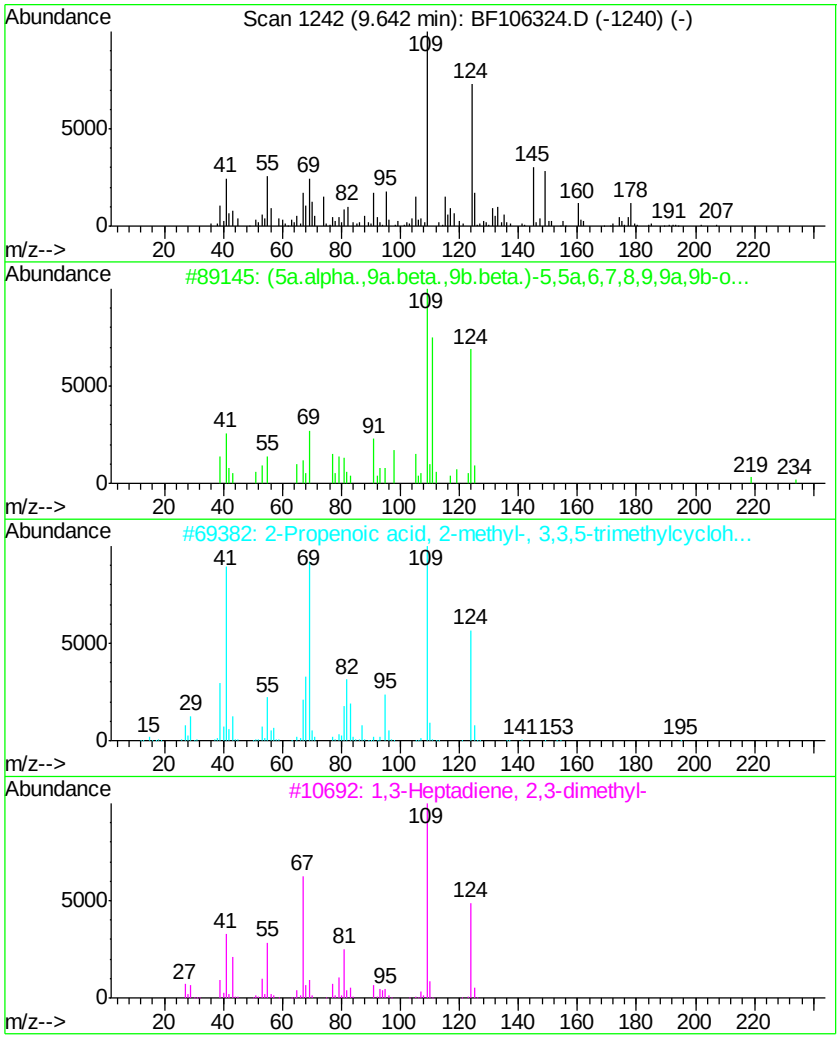
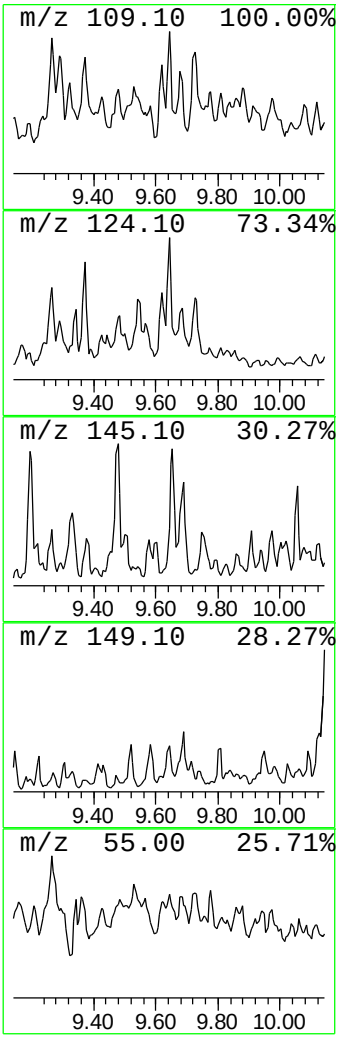
Peak Number 14 (5a.alpha.,9a.beta.,9b.beta... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	9.57 ng	734089	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(5a.alpha.,9a.beta.,9b.beta.)-5,...	234	C15H22O2	002326-89-8	50
2	2-Propenoic acid, 2-methyl-, 3,3...	210	C13H22O2	007779-31-9	50
3	1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	47
4	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	47
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	47





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-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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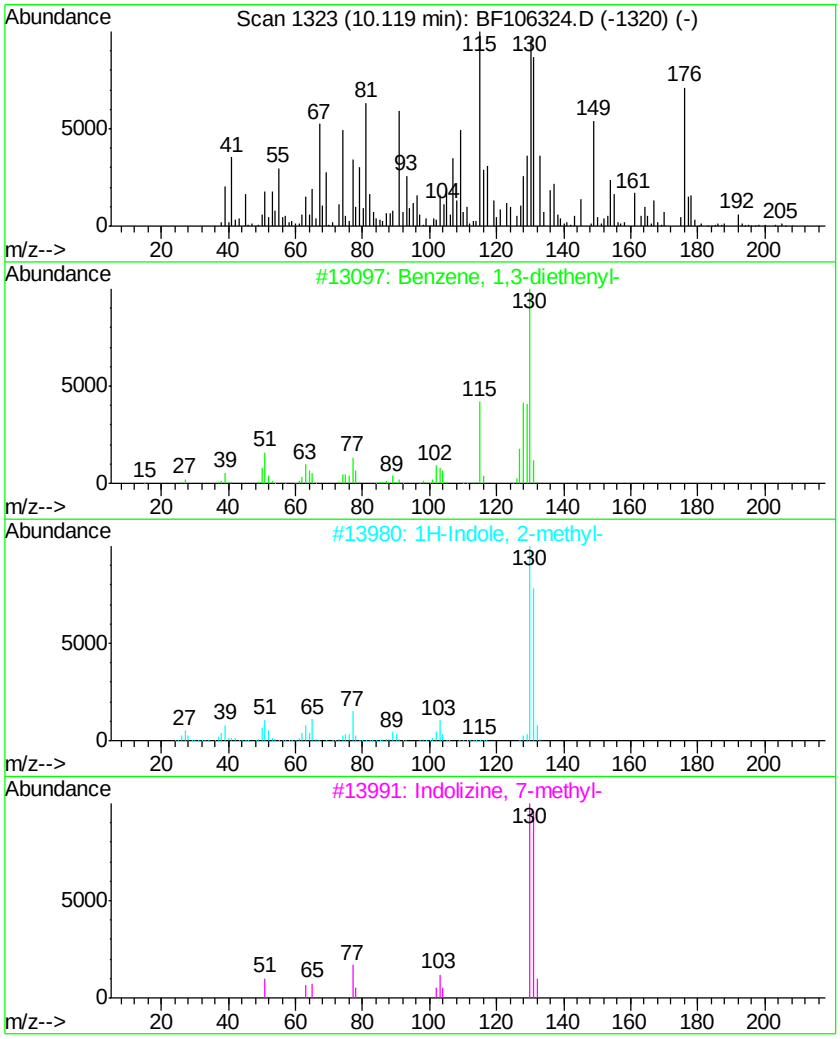
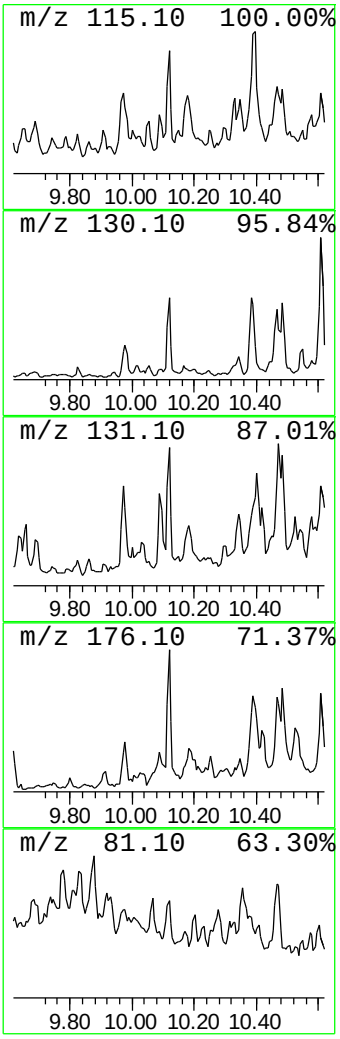
Peak Number 15 unknown10.12 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	7.77 ng	596034	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	38
2	1H-Indole, 2-methyl-	131	C9H9N	000095-20-5	38
3	Indolizine, 7-methyl-	131	C9H9N	001761-12-2	30
4	Indolizine, 5-methyl-	131	C9H9N	001761-19-9	30
5	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	30





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Sample : J3311-02
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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-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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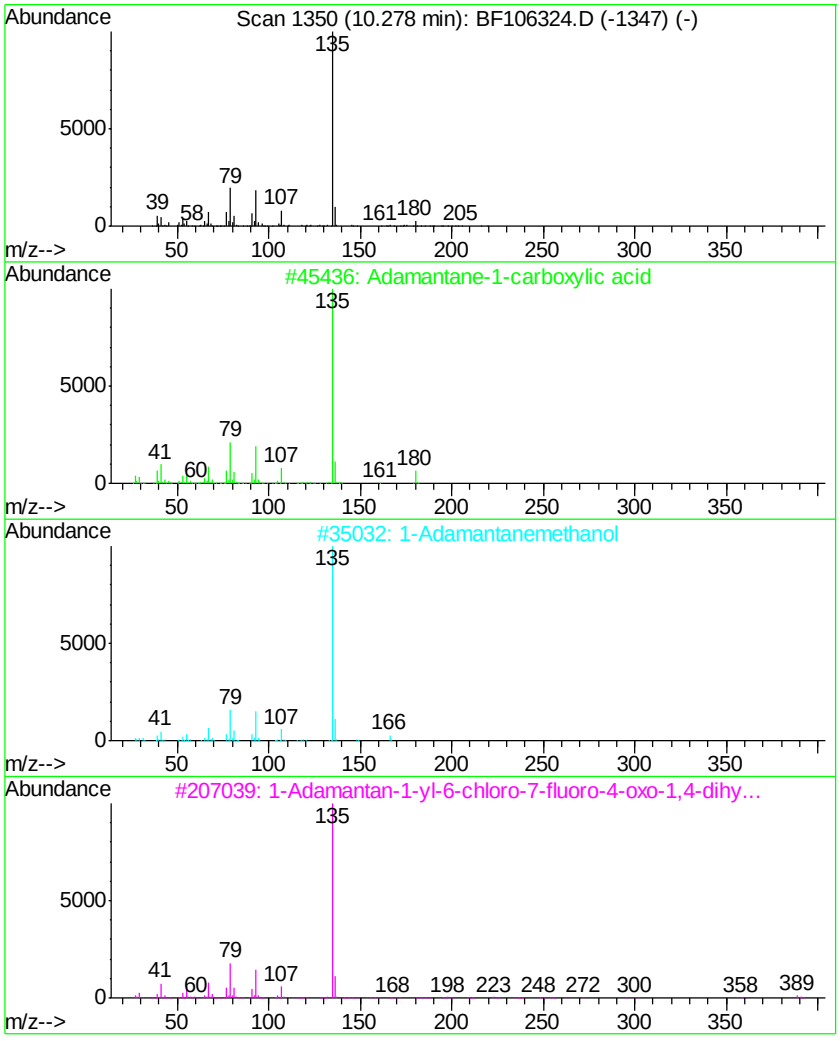
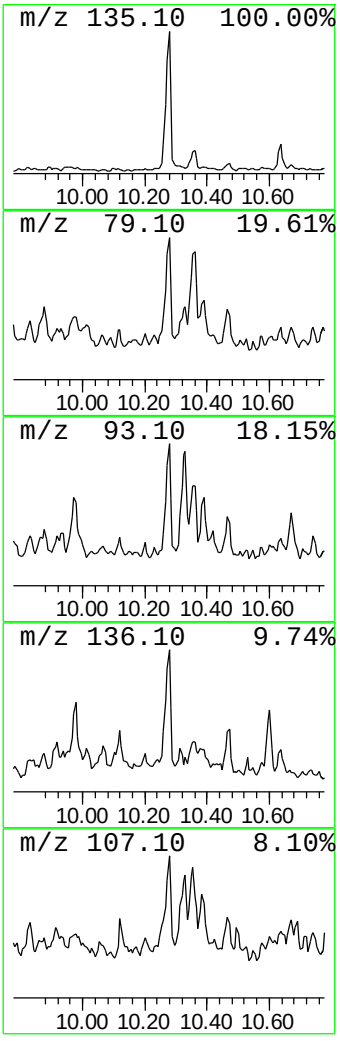
Peak Number 16 Adamantane-1-carboxylic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	11.19 ng	858114	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	94
2	1-Adamantanemethanol	166	C11H18O	000770-71-8	91
3	1-Adamantan-1-yl-6-chloro-7-fluo...	389	C21H21ClFNO3	1000210-85-2	90
4	Adamantane-1-carbohydrazide, N2-...	316	C18H21FN2O2	332037-11-3	90
5	1-Adamantyl bromomethyl ketone	256	C12H17BrO	005122-82-7	90





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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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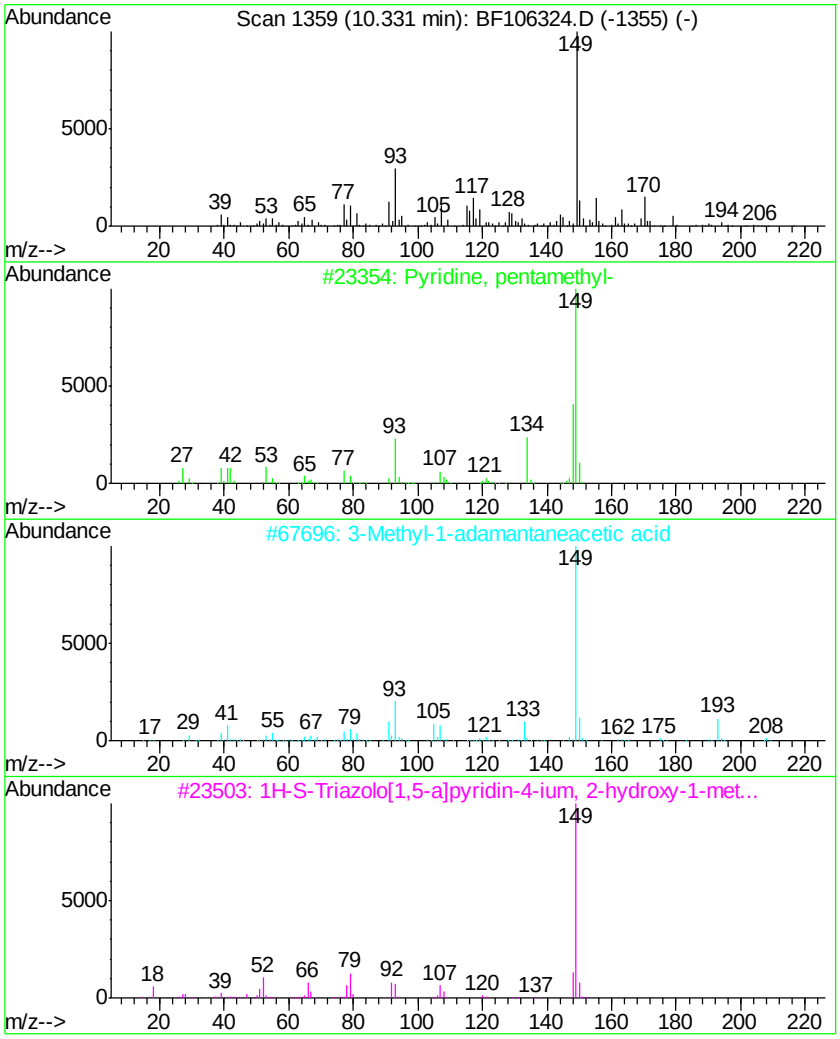
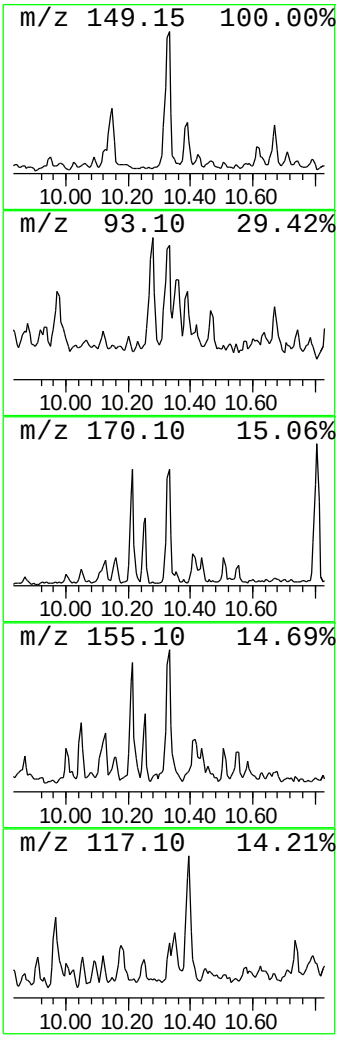
Peak Number 17 Pyridine, pentamethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	13.48 ng	1034200	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	64
2	3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	59
3	1H-S-Triazolo[1,5-a]pyridin-4-iu...	149	C7H7N3O	013980-64-8	52
4	Phthalic acid, 7-methyloct-3-yn-...	330	C20H26O4	1000315-42-5	50
5	Phthalic acid, 2,7-dimethyloct-7...	356	C22H28O4	1000315-49-7	47





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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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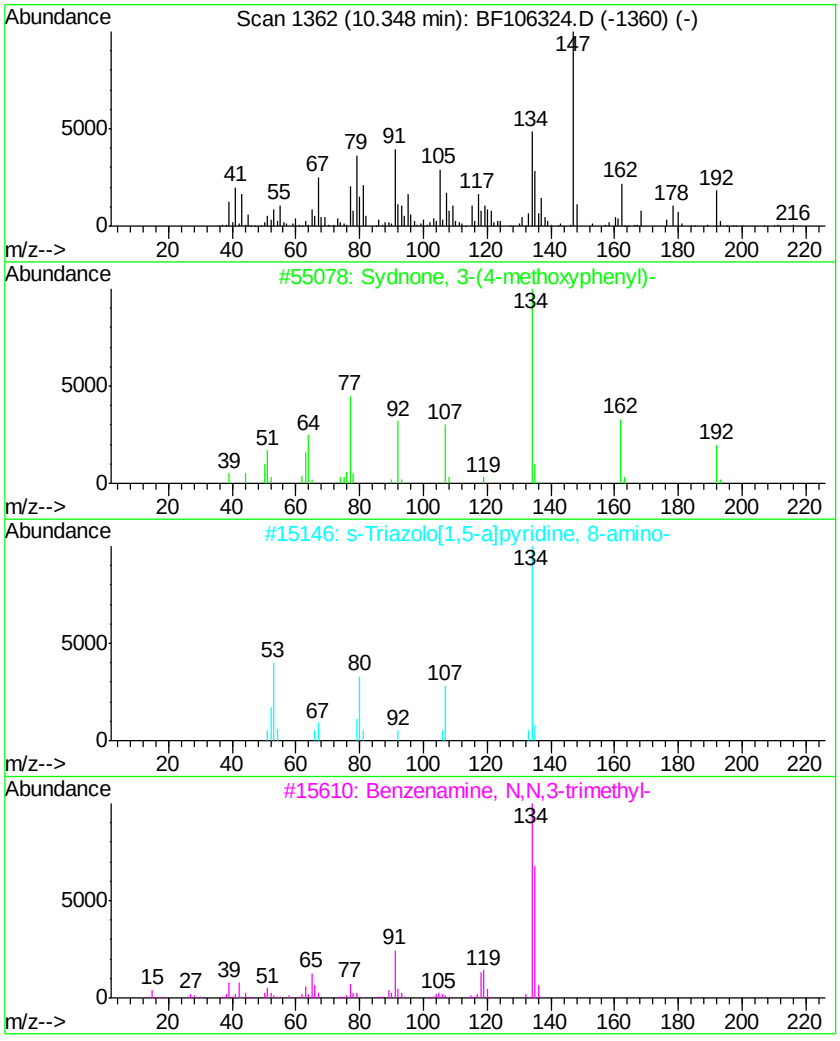
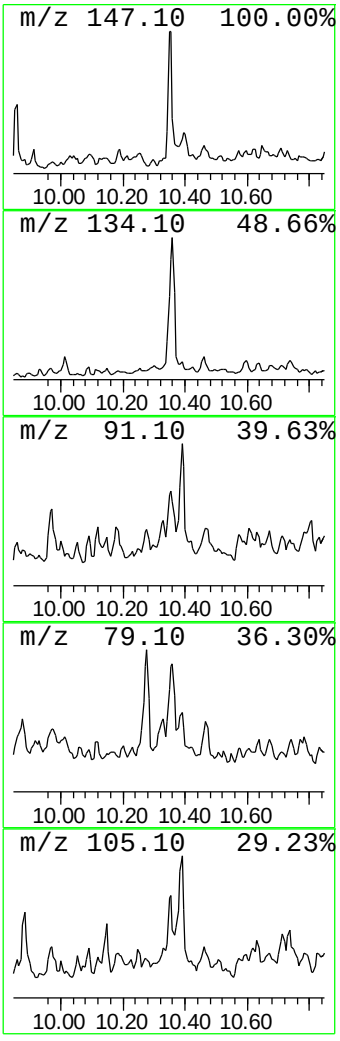
Peak Number 18 unknown10.35 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	23.75 ng	1821830	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sydnone, 3-(4-methoxyphenyl)-	192	C9H8N2O3	003815-80-3	27
2	s-Triazolo[1,5-a]pyridine, 8-amino-	134	C6H6N4	031052-95-6	25
3	Benzenamine, N,N,3-trimethyl-	135	C9H13N	000121-72-2	22
4	1H-[1,2,4]Triazole-3-carboxylic ...	203	C9H9N5O	1000294-35-1	22
5	1,3,5,6,7-Pentamethylbicyclo[3.2...	162	C12H18	003099-00-1	18





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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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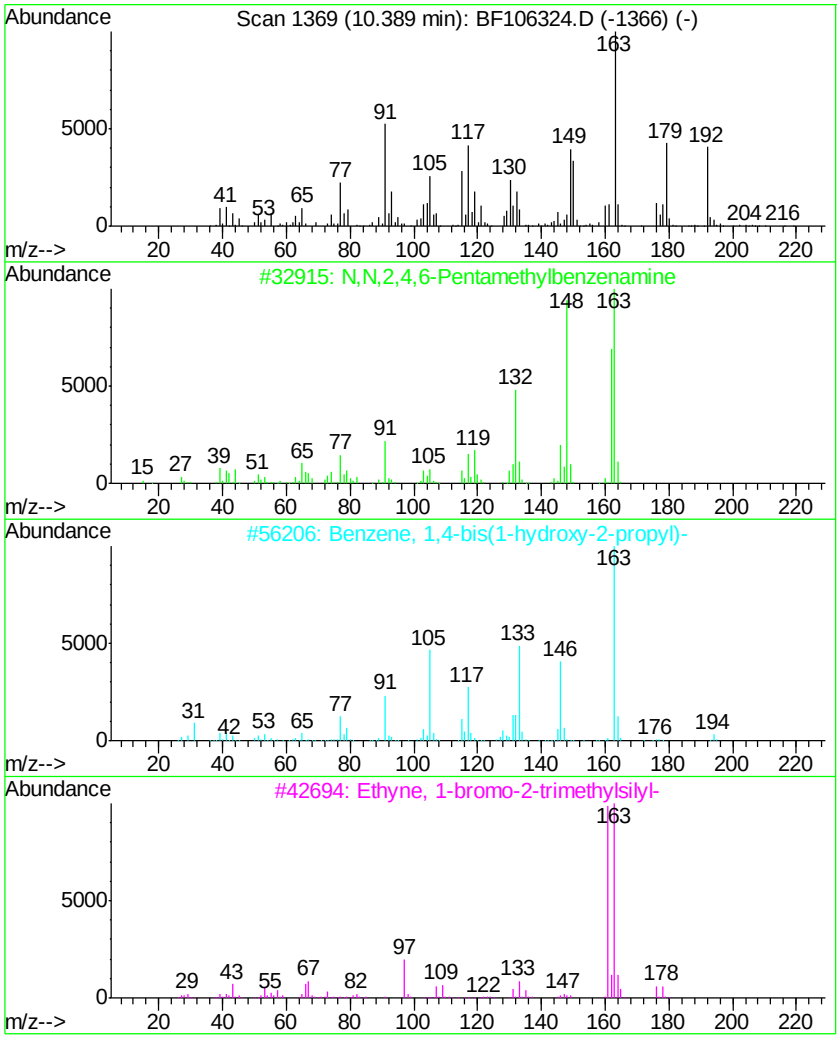
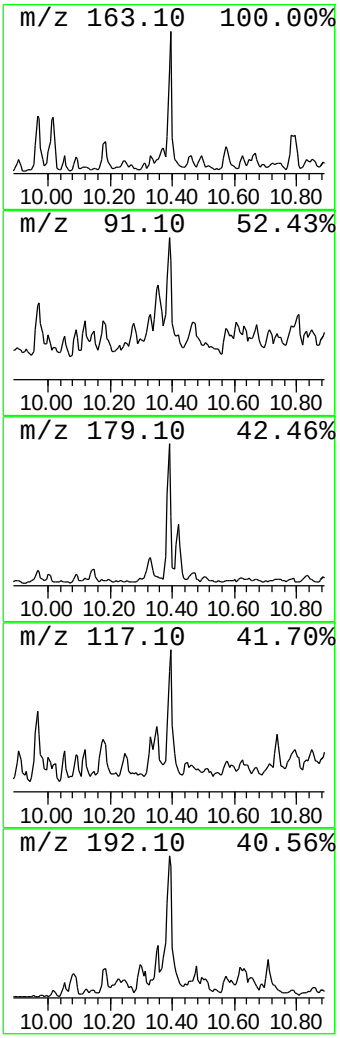
Peak Number 19 unknown10.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	32.95 ng	2527710	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N,2,4,6-Pentamethylbenzenamine	163	C11H17N	013021-15-3	27
2	Benzene, 1,4-bis(1-hydroxy-2-pro...	194	C12H18O2	1000161-06-4	25
3	Ethyne, 1-bromo-2-trimethylsilyl-	176	C5H9BrSi	018243-59-9	18
4	3,5-Dimethylphenyl isothiocyanate	163	C9H9NS	040046-30-8	18
5	1,4-Benzenedicarboxylic acid, et...	208	C11H12O4	022163-52-6	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106324.D
Acq On : 12 Jun 2018 5:31
Operator : JU/SJ
Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-35

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

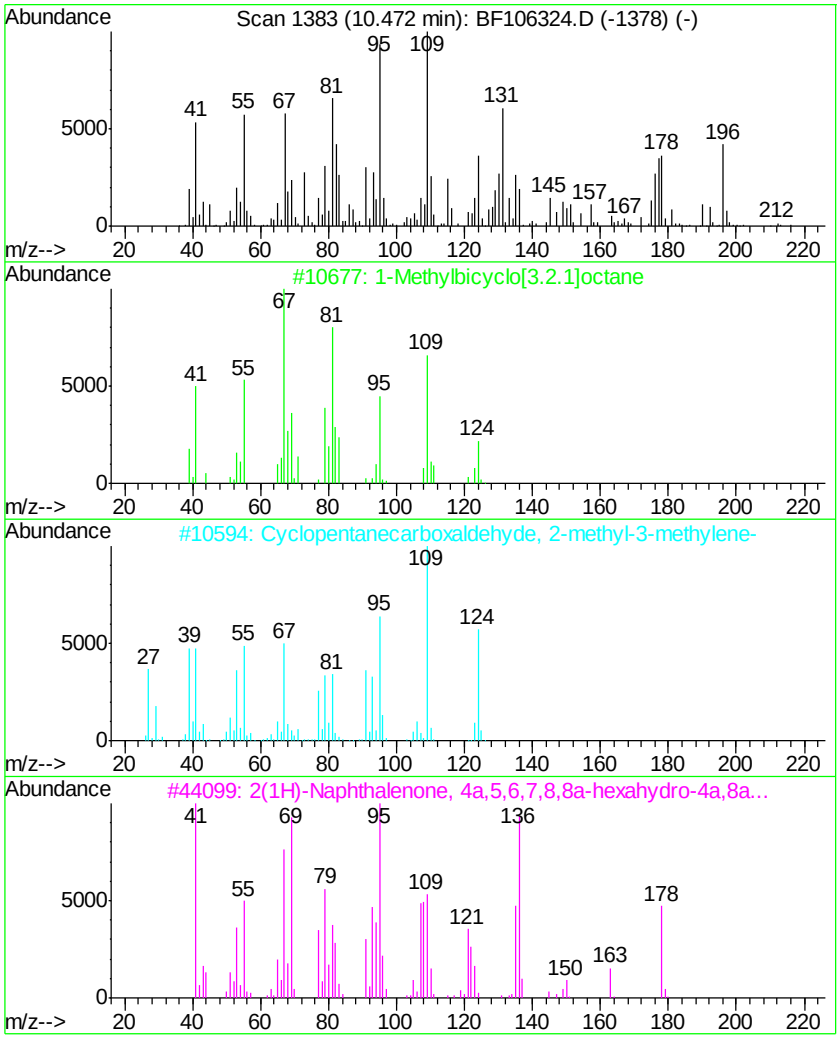
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

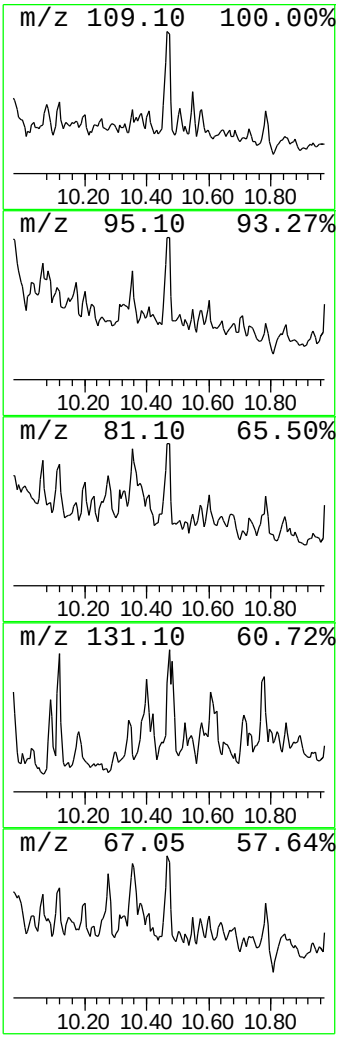
****

Peak Number 20 unknown10.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	18.94 ng	1452590	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	38
2	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	30
3	2(1H)-Naphthalenone, 4a,5,6,7,8,...	178	C12H18O	013485-66-0	30
4	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	30
5	Pyridine, 4-methyl-, 1-oxide	109	C6H7NO	001003-67-4	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
Data File : BF106324.D
Acq On : 12 Jun 2018 5:31
Operator : JU/SJ
Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-35

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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
Indane	7.15	51.2	ng	3416610	1	6.97	1335540	20.0
Benzene, 1,2-diet...	7.28	7.5	ng	497259	1	6.97	1335540	20.0
Benzene, (1-methy...	7.92	8.2	ng	1222460	2	8.25	2989520	20.0
Benzene, 2-etheny...	7.99	15.7	ng	2339350	2	8.25	2989520	20.0
unknown8.38	8.38	9.8	ng	1463960	2	8.25	2989520	20.0
Benzene, pentamet...	8.51	8.6	ng	1277880	2	8.25	2989520	20.0
unknown8.68	8.68	10.4	ng	1555360	2	8.25	2989520	20.0
Tricyclo[4.4.0.0(...	9.14	8.6	ng	659643	3	10.01	1534070	20.0
unknown9.27	9.27	28.7	ng	2203880	3	10.01	1534070	20.0
unknown9.48	9.48	8.0	ng	613360	3	10.01	1534070	20.0
(5a.alpha.,9a.bet...	9.64	9.6	ng	734089	3	10.01	1534070	20.0
unknown10.12	10.12	7.8	ng	596034	3	10.01	1534070	20.0
Adamantane-1-carb...	10.28	11.2	ng	858114	3	10.01	1534070	20.0
Pyridine, pentame...	10.33	13.5	ng	1034200	3	10.01	1534070	20.0
unknown10.35	10.35	23.8	ng	1821830	3	10.01	1534070	20.0
unknown10.39	10.39	33.0	ng	2527710	3	10.01	1534070	20.0
unknown10.47	10.47	18.9	ng	1452590	3	10.01	1534070	20.0