LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106559.D
Acq On : 19 Jun 2018 1:29
Operator : JU/SJ
Sample : J3564-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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	5.201	483	487	492	rBV	115304	134715	5.35%	0.244%
2	5.478	527	534	537	rBV	32007	37489	1.49%	0.068%
3	5.519	537	541	545	rVB	35408	38519	1.53%	0.070%
4	5.619	554	558	564	rBV	1495614	1524064	60.56%	2.762%
5	5.713	569	574	576	rVV	129093	130432	5.18%	0.236%
6	5.766	580	583	589	rVB2	64700	70580	2.80%	0.128%
7	5.866	595	600	602	rBV3	53005	59568	2.37%	0.108%
8	5.895	602	605	608	rVV	61469	52112	2.07%	0.094%
9	6.131	641	645	649	rVB2	53058	63031	2.50%	0.114%
10	6.213	655	659	661	rBV2	54985	52685	2.09%	0.095%
11	6.395	687	690	693	rBV3	33971	51446	2.04%	0.093%
12	6.425	693	695	699	rVB3	37601	40581	1.61%	0.074%
13	6.495	704	707	709	rBV3	31123	37893	1.51%	0.069%
14	6.566	717	719	722	rBV2	126208	116049	4.61%	0.210%
15	6.625	722	729	734	rVV	753438	1058746	42.07%	1.919%
16	6.672	734	737	741	rVB2	47784	62982	2.50%	0.114%
17	6.748	746	750	755	rVB	2477307	2467746	98.06%	4.472%
18	6.813	755	761	763	rVB3	108391	154155	6.13%	0.279%
19	6.842	763	766	768	rBV2	50206	49385	1.96%	0.089%
20	6.889	771	774	777	rBV3	90641	82008	3.26%	0.149%
21	6.919	777	779	783	rVB2	129520	118418	4.71%	0.215%
22	6.966	783	787	791	rBV	933735	791946	31.47%	1.435%
23	7.031	795	798	801	rVB3	76209	79100	3.14%	0.143%
24	7.060	801	803	807	rVB3	27951	37540	1.49%	0.068%
25	7.125	807	814	816	rBV	2436276	2471841	98.23%	4.479%
26	7.148	816	818	823	rVB2	303368	347117	13.79%	0.629%
27	7.207	823	828	831	rBV2	554266	469629	18.66%	0.851%
28	7.236	831	833	838	rBV5	54191	89636	3.56%	0.162%
29	7.278	838	840	841	rBV	85122	60229	2.39%	0.109%
30	7.301	841	844	845	rBV2	353411	284114	11.29%	0.515%
31	7.319	845	847	851	rVB	409152	331078	13.16%	0.600%
32	7.366	851	855	858	rBV2	176681	220074	8.75%	0.399%
33	7.407	858	862	864	rBV	216435	250642	9.96%	0.454%
34	7.460	868	871	872	rBV2	156950	155092	6.16%	0.281%

LSC Area Percent Report

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Acq On : 19 Jun 2018 1:29
Operator : JU/SJ
Sample : J3564-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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	7.495	872	877	880	rBV2	1379841	1519457	60.38%	2.753%
36	7.536	880	884	886	rVB	2380949	2354078	93.55%	4.266%
37	7.578	889	891	893	rVB3	237532	182125	7.24%	0.330%
38	7.601	893	895	898	rVB2	162260	136476	5.42%	0.247%
39	7.648	900	903	905	rBV	359728	302272	12.01%	0.548%
40	7.672	905	907	908	rVB	152754	104960	4.17%	0.190%
41	7.689	908	910	911	rBV	75561	39872	1.58%	0.072%
42	7.731	914	917	919	rBV	966328	711307	28.27%	1.289%
43	7.784	922	926	928	rBV3	168106	219734	8.73%	0.398%
44	7.831	928	934	941	rVB3	572346	834523	33.16%	1.512%
45	7.895	941	945	947	rBV3	593960	842444	33.48%	1.527%
46	7.919	947	949	953	rVB2	690621	711739	28.28%	1.290%
47	7.978	956	959	962	rBV3	518984	634636	25.22%	1.150%
48	8.007	962	964	968	rVB3	216757	221731	8.81%	0.402%
49	8.060	968	973	979	rVB5	329088	614953	24.44%	1.114%
50	8.113	979	982	984	rBV	308838	288773	11.48%	0.523%
51	8.136	984	986	987	rBV	54113	45150	1.79%	0.082%
52	8.166	987	991	993	rBV	315101	336306	13.36%	0.609%
53	8.195	993	996	997	rBV2	311683	297095	11.81%	0.538%
54	8.236	998	1003	1004	rVV2	543891	852162	33.86%	1.544%
55	8.254	1004	1006	1010	rVB3	1345495	1307178	51.95%	2.369%
56	8.289	1010	1012	1017	rVB	509418	517441	20.56%	0.938%
57	8.331	1017	1019	1021	rVB	211086	153044	6.08%	0.277%
58	8.372	1021	1026	1027	rBV2	353104	429132	17.05%	0.778%
59	8.413	1027	1033	1036	rVB4	541224	1014685	40.32%	1.839%
60	8.442	1036	1038	1041	rBV	606124	551334	21.91%	0.999%
61	8.472	1041	1043	1044	rBV	123362	112589	4.47%	0.204%
62	8.501	1044	1048	1050	rBV3	734688	931469	37.02%	1.688%
63	8.525	1050	1052	1058	rVB5	309434	455052	18.08%	0.825%
64	8.630	1066	1070	1072	rBV2	592954	816385	32.44%	1.479%
65	8.701	1078	1082	1086	rBV4	686247	1291013	51.30%	2.339%
66	8.736	1086	1088	1094	rVB4	579173	724538	28.79%	1.313%
67	8.795	1094	1098	1102	rBV2	696179	800484	31.81%	1.451%
68	8.836	1102	1105	1107	rBV3	253232	295488	11.74%	0.535%
69	8.895	1111	1115	1116	rBV4	432544	558912	22.21%	1.013%
70	8.913	1116	1118	1120	rVB	958637	730105	29.01%	1.323%
71	8.948	1120	1124	1128	rBV6	482354	848778	33.73%	1.538%

LSC Area Percent Report

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Data File : BF106559.D
Acq On : 19 Jun 2018 1:29
Operator : JU/SJ
Sample : J3564-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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	8.995	1130	1132	1135	rVB3	261200	218222	8.67%	0.395%
73	9.036	1137	1139	1142	rBV3	349168	384403	15.28%	0.697%
74	9.072	1142	1145	1149	rVV3	643634	706097	28.06%	1.279%
75	9.272	1176	1179	1181	rBV4	456520	632294	25.13%	1.146%
76	9.301	1181	1184	1186	rVV3	978460	1153970	45.86%	2.091%
77	9.330	1186	1189	1192	rVB	2492906	2516449	100.00%	4.560%
78	9.366	1192	1195	1196	rBV3	481602	448113	17.81%	0.812%
79	9.389	1196	1199	1203	rVB	1111276	1136211	45.15%	2.059%
80	9.454	1207	1210	1212	rBV4	425396	532379	21.16%	0.965%
81	9.507	1216	1219	1222	rBV5	592837	847397	33.67%	1.536%
82	9.536	1222	1224	1227	rVB2	479946	412795	16.40%	0.748%
83	9.678	1243	1248	1252	rBV6	807295	1470764	58.45%	2.665%
84	9.860	1276	1279	1283	rVB3	742430	781194	31.04%	1.416%
85	9.895	1283	1285	1287	rBV3	306166	362943	14.42%	0.658%
86	9.977	1296	1299	1301	rBV3	342935	384264	15.27%	0.696%
87	10.019	1302	1306	1310	rVB2	999982	1445205	57.43%	2.619%
88	10.107	1318	1321	1323	rBV3	346966	418875	16.65%	0.759%
89	10.325	1353	1358	1362	rBV	673279	1310497	52.08%	2.375%
90	10.866	1445	1450	1453	rBV4	524570	993804	39.49%	1.801%
91	10.901	1453	1456	1464	rVB5	515221	1030176	40.94%	1.867%
92	13.107	1827	1831	1834	rVB	1686170	1759704	69.93%	3.189%
93	14.165	2008	2011	2022	rVB	827412	810668	32.21%	1.469%
94	15.701	2268	2272	2283	rVB	460144	651481	25.89%	1.181%

Sum of corrected areas: 55185967

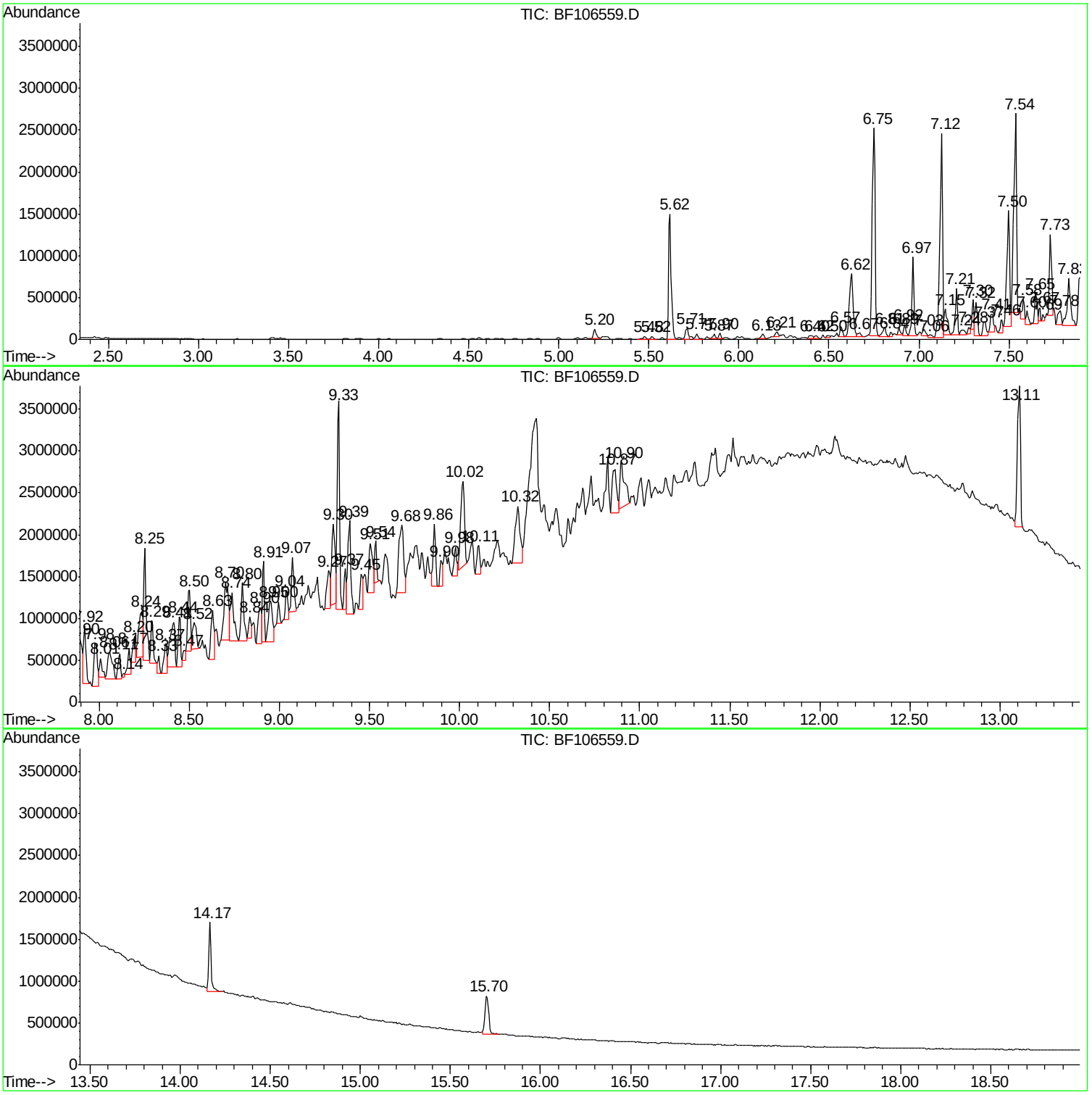
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106559.D
Acq On : 19 Jun 2018 1:29
Operator : JU/SJ
Sample : J3564-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106559.D
Acq On : 19 Jun 2018 1:29
Operator : JU/SJ
Sample : J3564-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

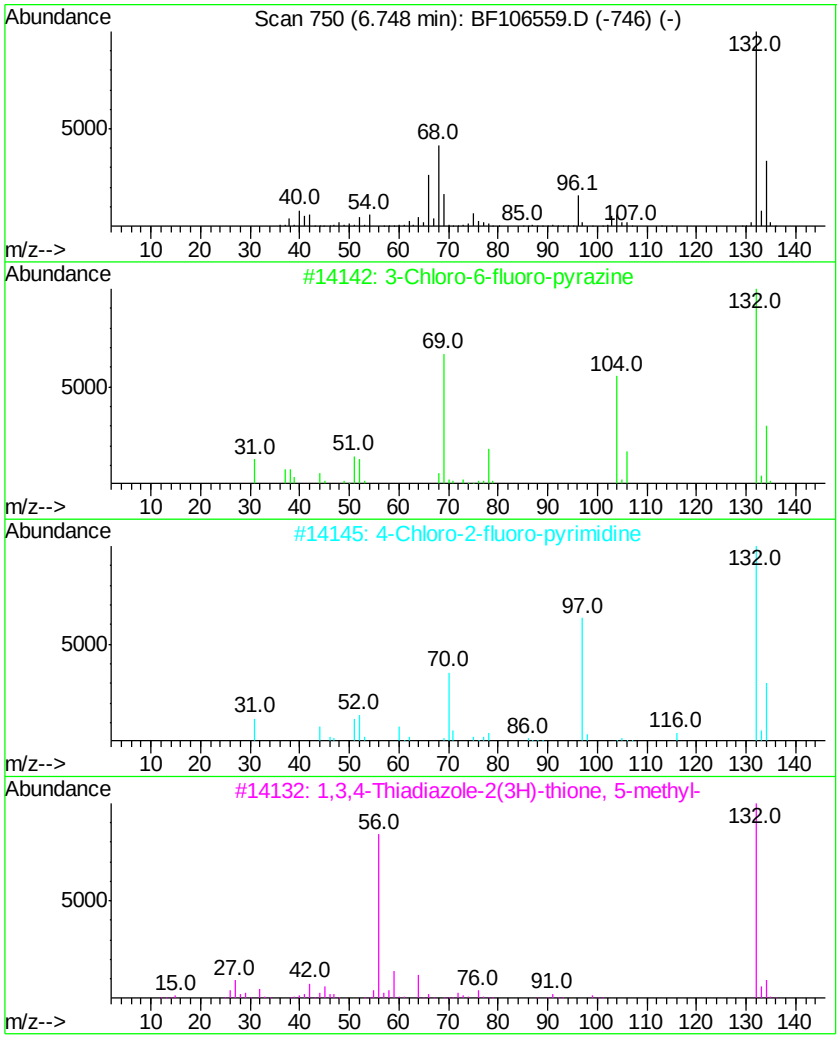
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

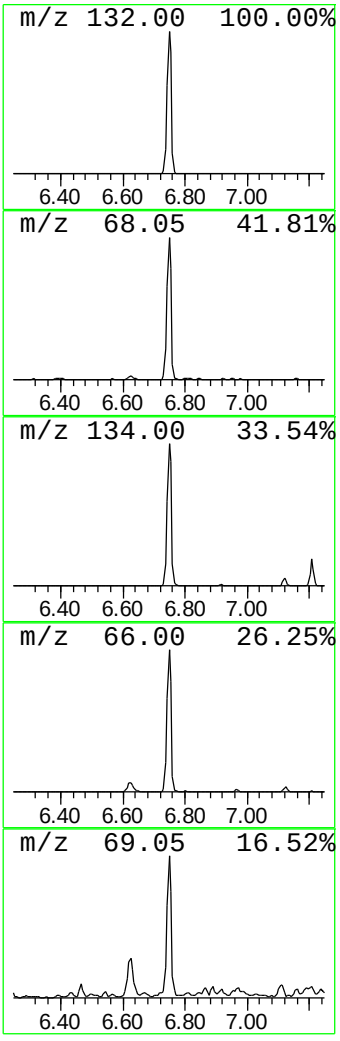
****

Peak Number 1 unknown6.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	62.32 ng	2467750	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106559.D
Acq On : 19 Jun 2018 1:29
Operator : JU/SJ
Sample : J3564-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

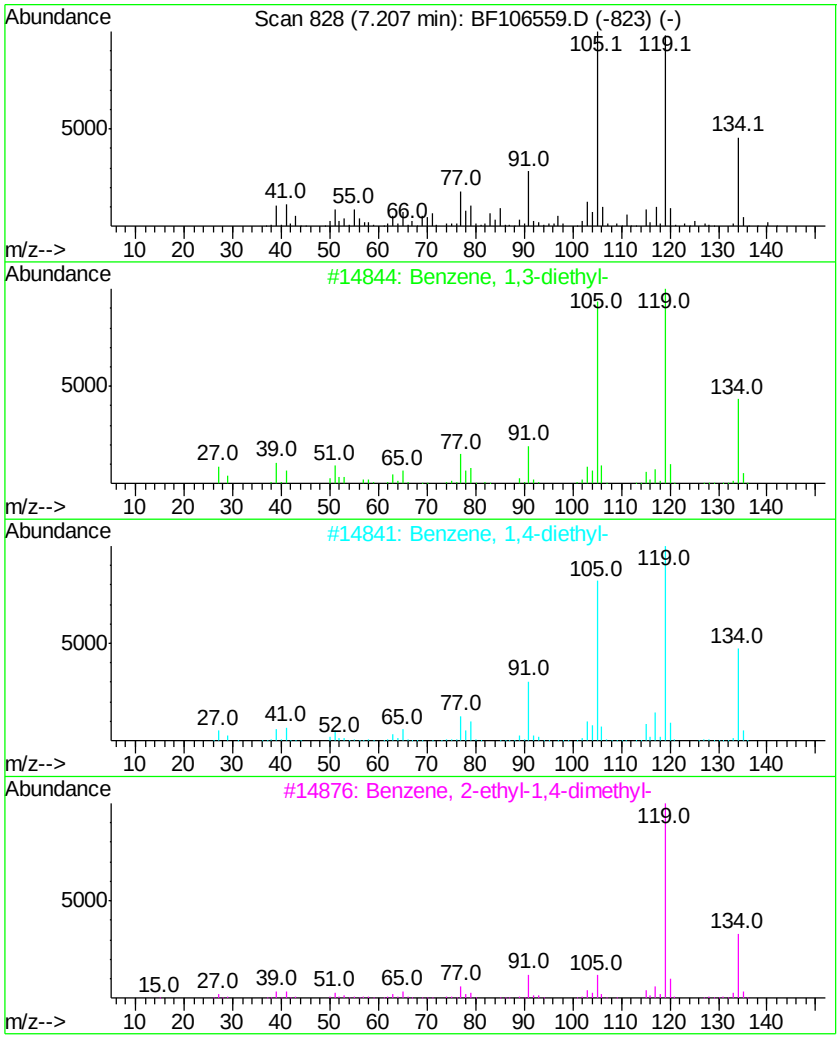
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

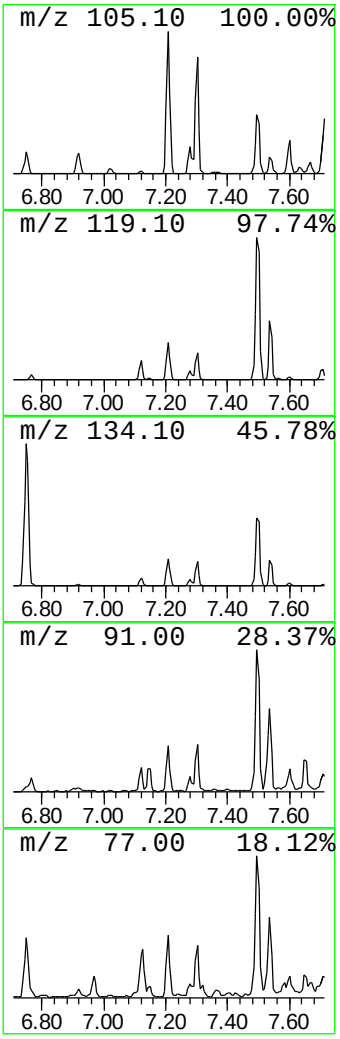
****

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	11.86 ng	469629	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	o-Cymene	134	C10H14	000527-84-4	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106559.D
Acq On : 19 Jun 2018 1:29
Operator : JU/SJ
Sample : J3564-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

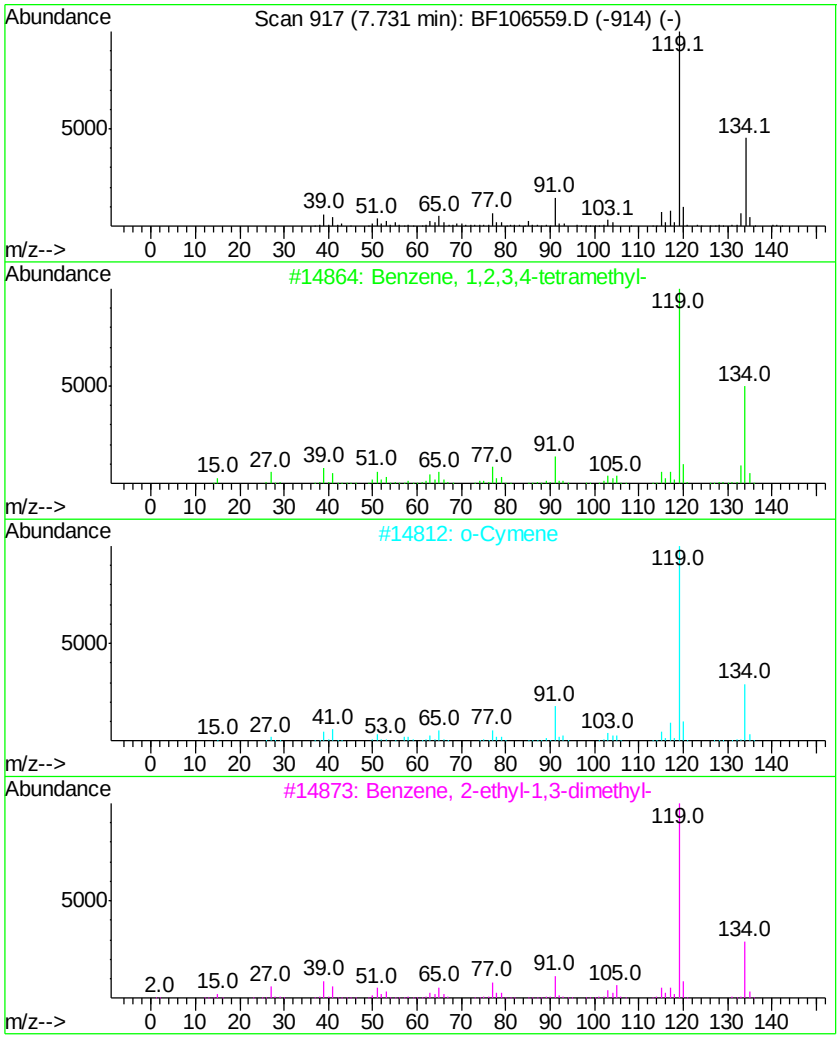
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

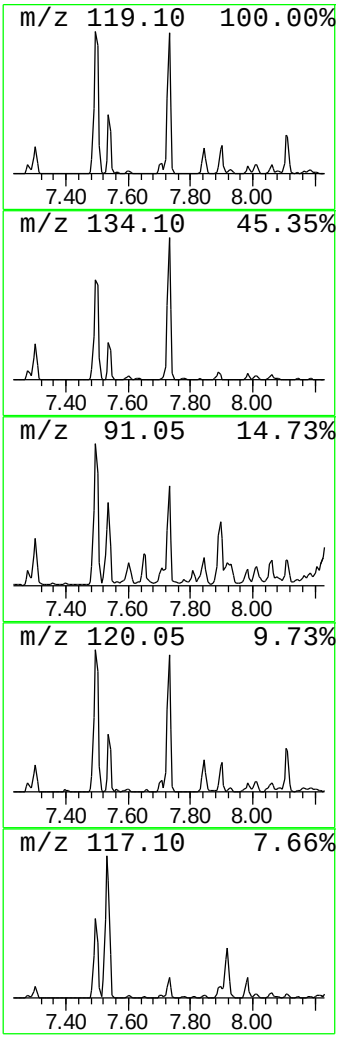
****

Peak Number 4 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	10.88 ng	711307	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106559.D
Acq On : 19 Jun 2018 1:29
Operator : JU/SJ
Sample : J3564-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

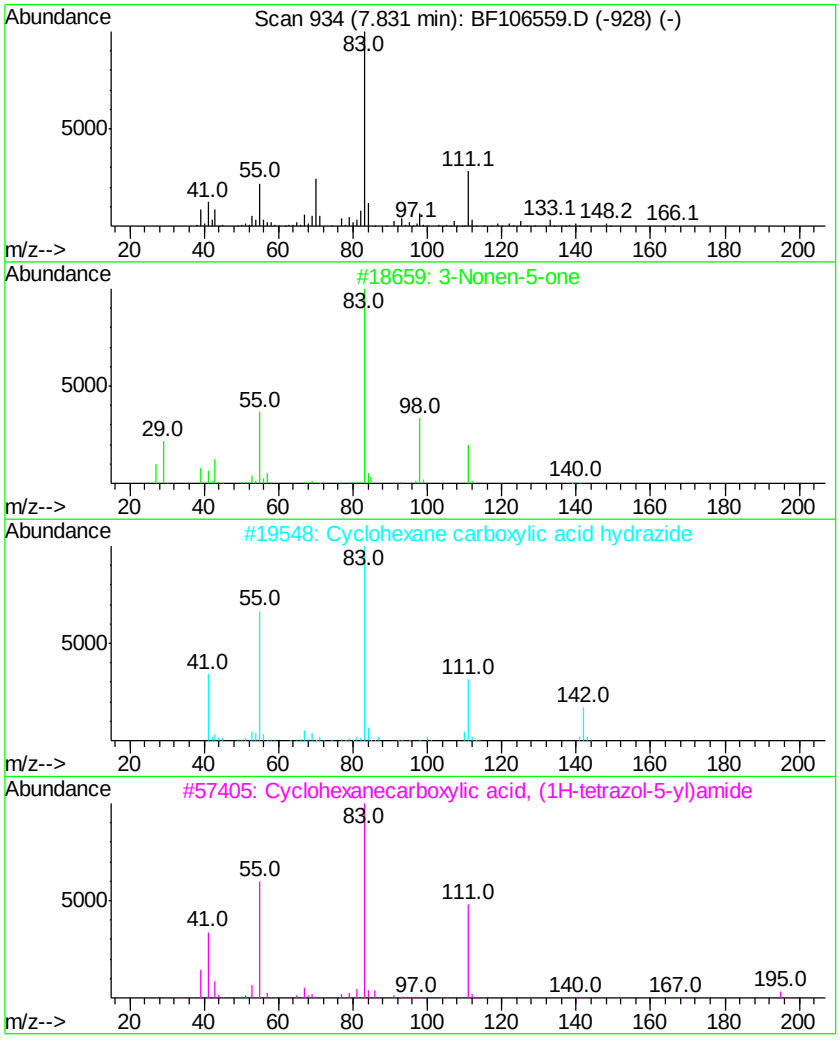
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

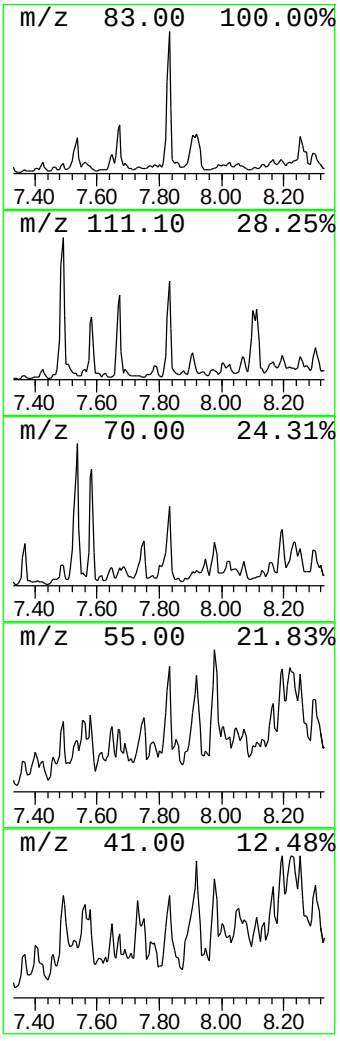
****

Peak Number 5 3-Nonen-5-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	12.77 ng	834523	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonen-5-one	140	C9H16O	082456-34-6	59
2	Cyclohexane carboxylic acid hydr...	142	C7H14N2O	038941-47-8	59
3	Cyclohexanecarboxylic acid, (1H-...	195	C8H13N5O	1000310-78-1	53
4	Benzene, 2-chloro-1,4-bis(cycloh...	364	C20H25ClO4	294874-04-7	53
5	Cyclohexanespiro-5'-(2',4',4'-tr...	181	C11H19NO	091875-85-3	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106559.D
Acq On : 19 Jun 2018 1:29
Operator : JU/SJ
Sample : J3564-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

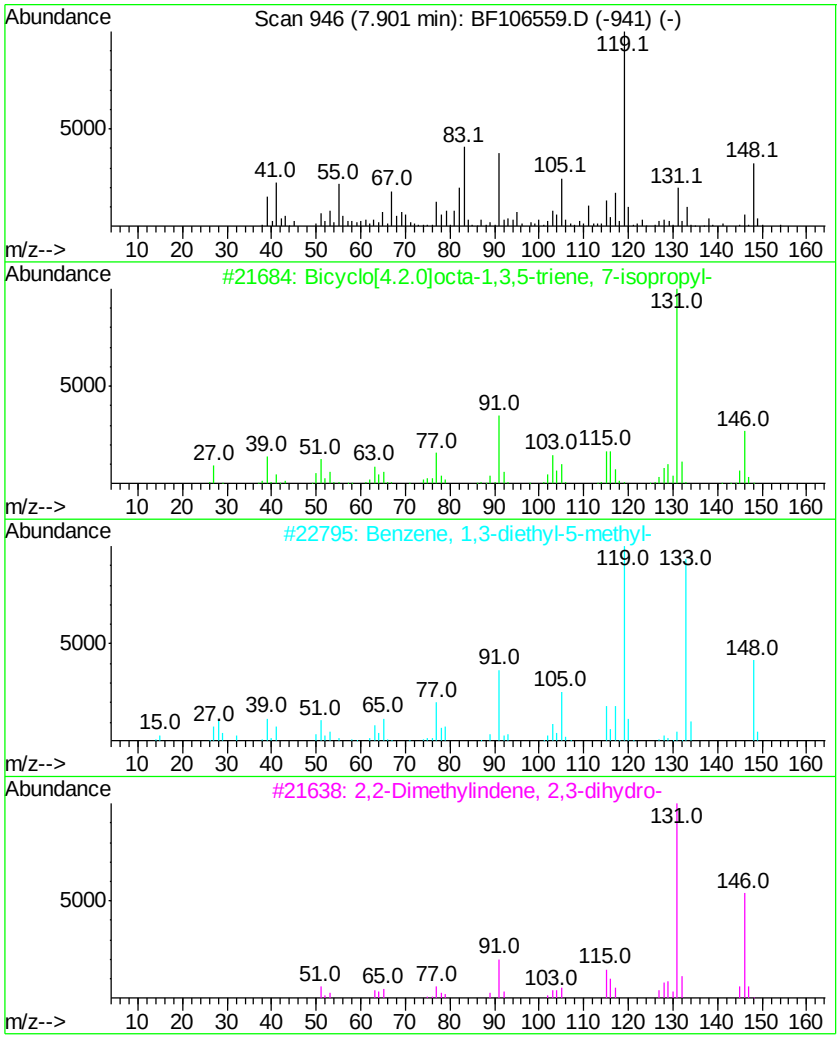
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

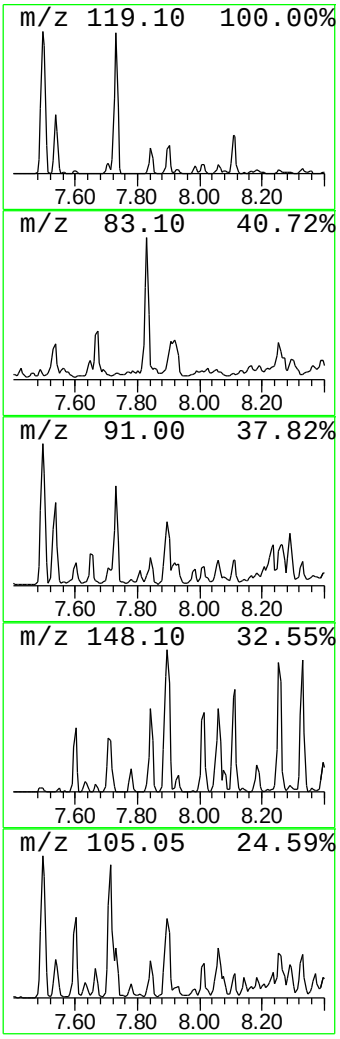
****

Peak Number 6 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	12.89 ng	842444	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	74
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	60
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	51
4	1-o-Tolylprop-2-en-1-one	146	C10H10O	039627-60-6	49
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	47





Library Search Compound Report

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Acq On : 19 Jun 2018 1:29
Operator : JU/SJ
Sample : J3564-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

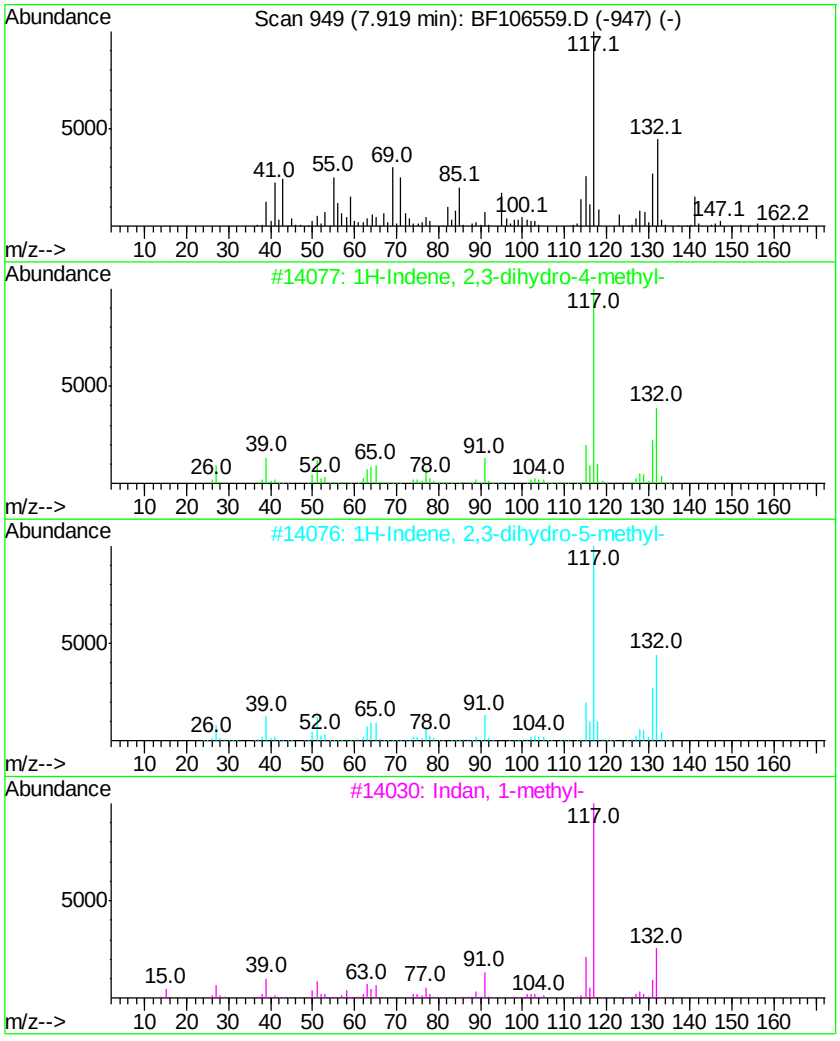
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

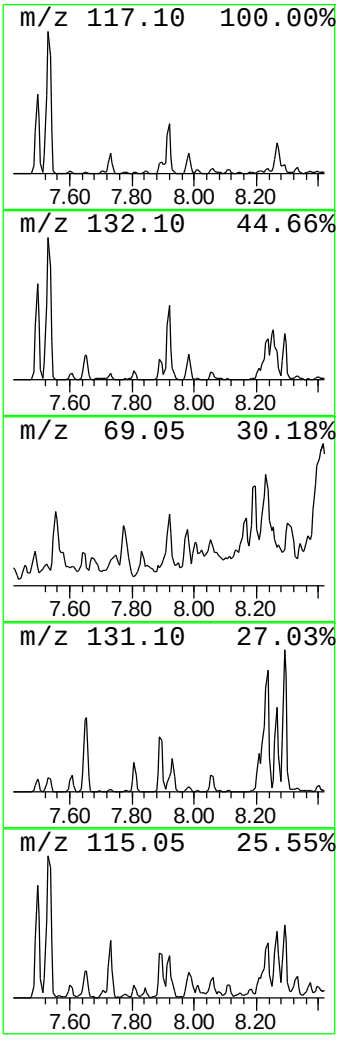
****

Peak Number 7 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	10.89 ng	711739	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	62
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	62
3	Indan, 1-methyl-	132	C10H12	000767-58-8	58
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

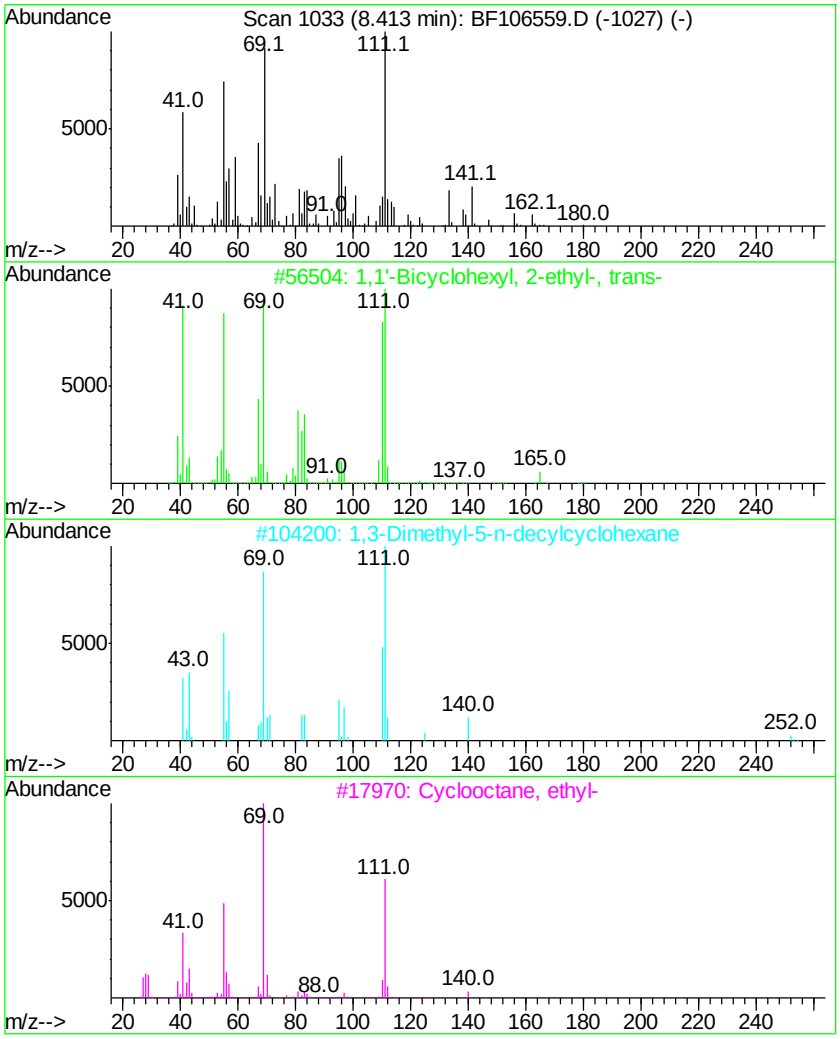
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

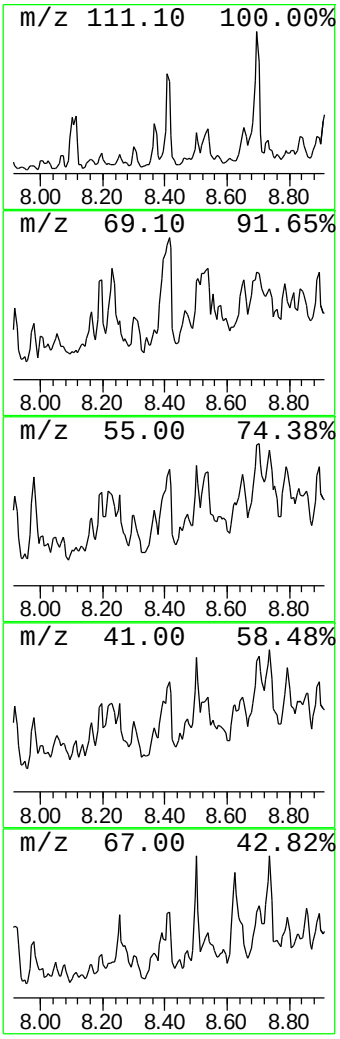
****

Peak Number 8 1,1'-Bicyclohexyl, 2-ethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	15.52 ng	1014690	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclohexyl, 2-ethyl-, trans-	194	C14H26	050991-13-4	50
2	1,3-Dimethyl-5-n-decylcyclohexane	252	C18H36	086710-36-3	47
3	Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	38
5	Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	38





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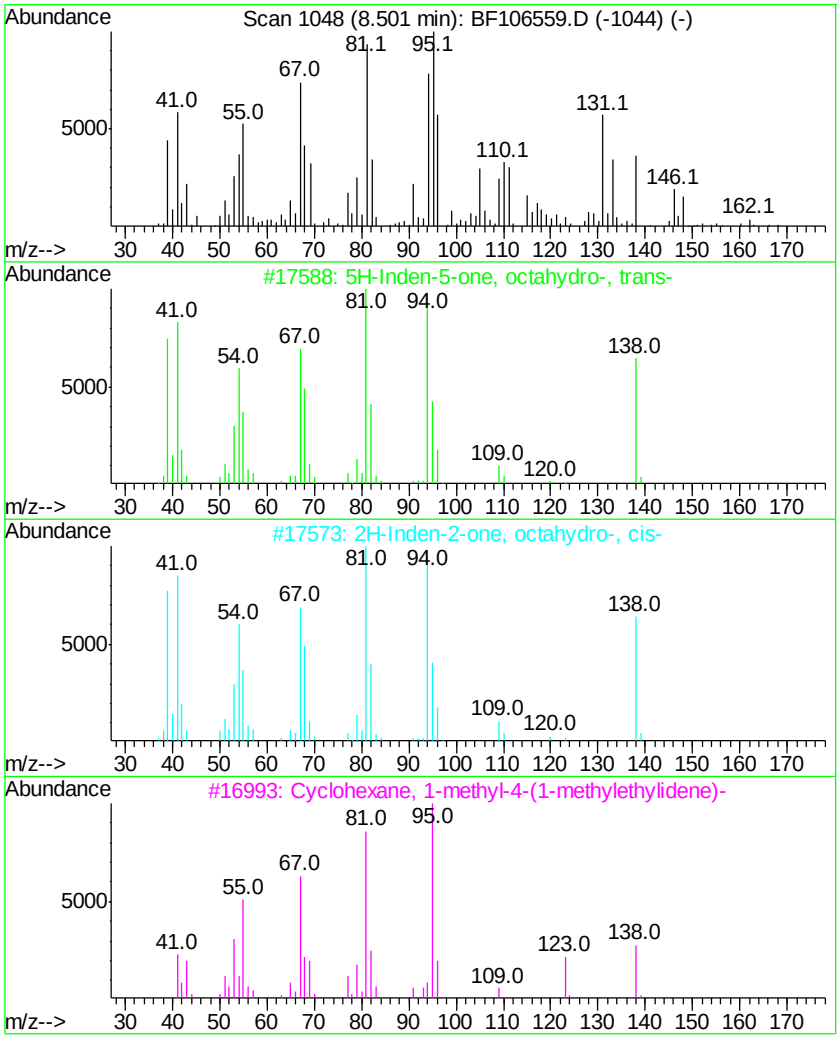
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

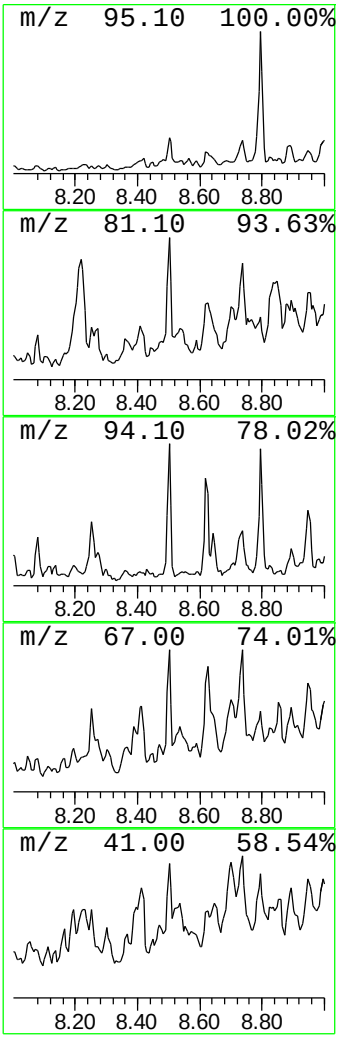
****

Peak Number 9 5H-Inden-5-one, octahydro-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	14.25 ng	931469	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	60
2	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	60
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	60
4	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	55
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	49





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Sample : J3564-06
Misc :
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Instrument : BNA_F
ClientSampleId : W-01

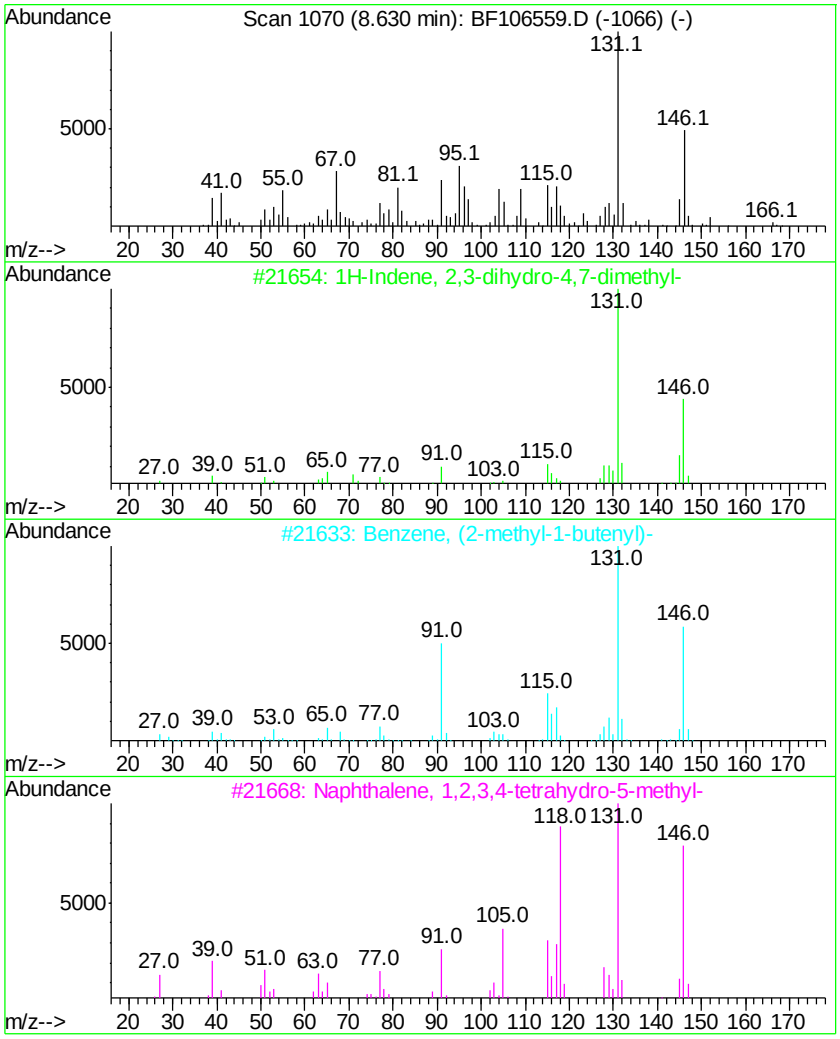
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

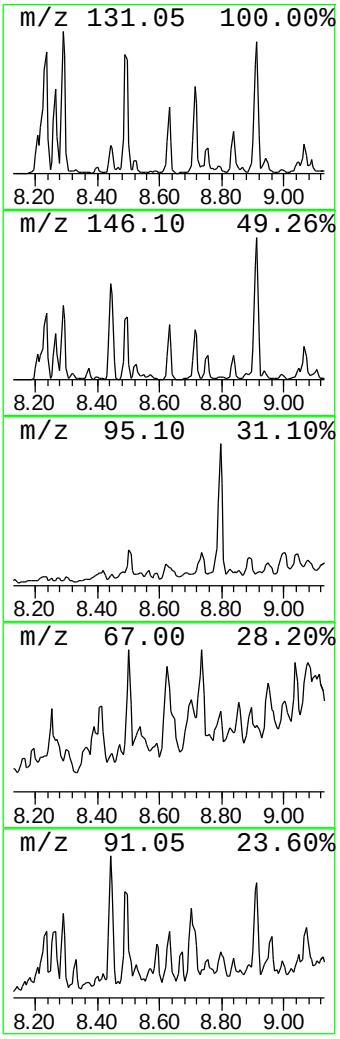
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	12.49 ng	816385	Naphthalene-d8	8.25

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	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64





Library Search Compound Report

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Acq On : 19 Jun 2018 1:29
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Sample : J3564-06
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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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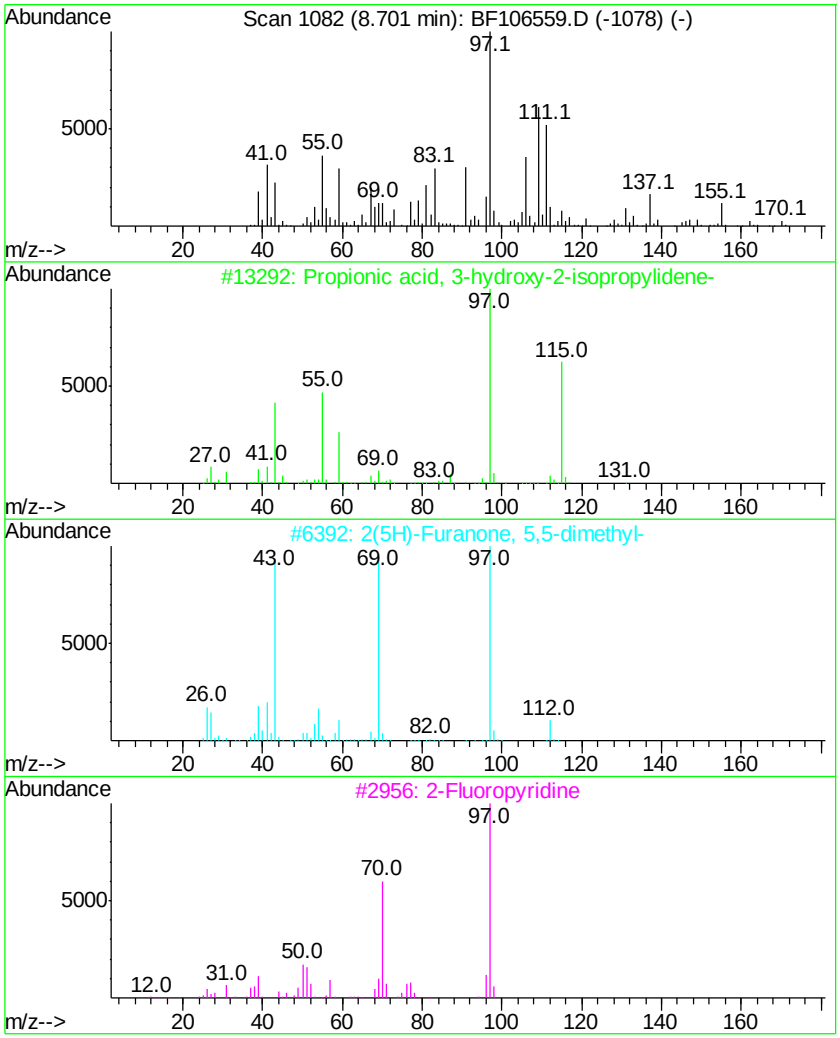
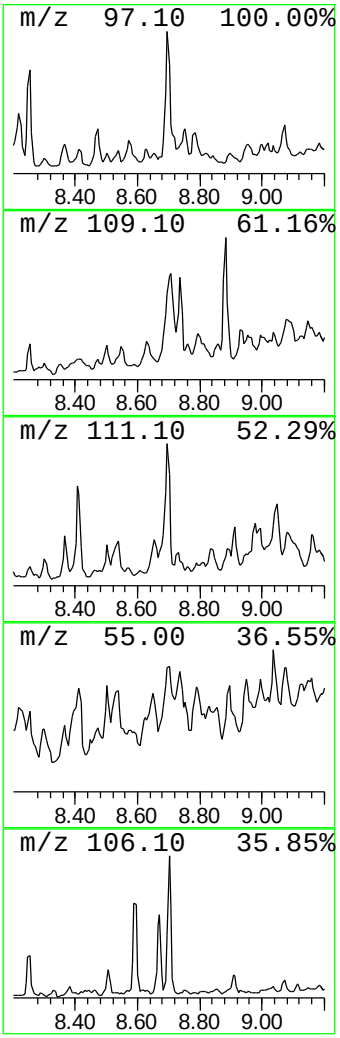
Peak Number 11 unknown8.70 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	19.75 ng	1291010	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propionic acid, 3-hydroxy-2-isop...	130	C6H10O3	1000153-27-1	27
2	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	27
3	2-Fluoropyridine	97	C5H4FN	000372-48-5	25
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	22
5	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	22





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ClientSampleId : W-01

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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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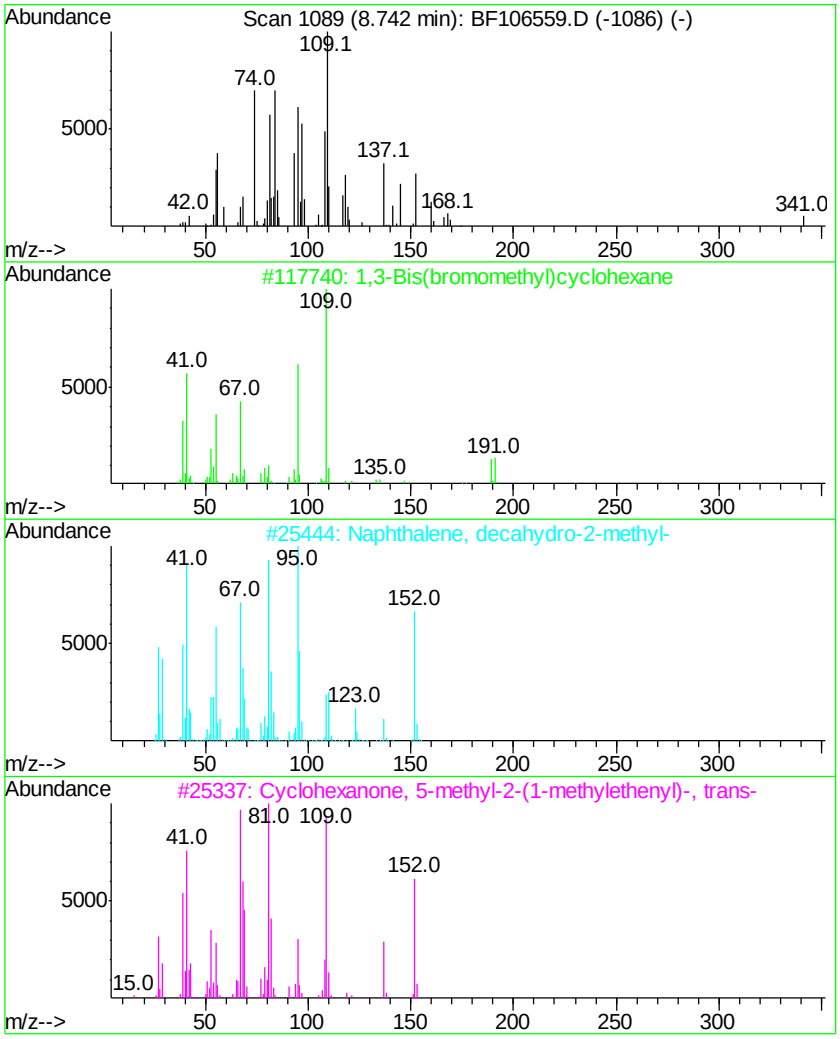
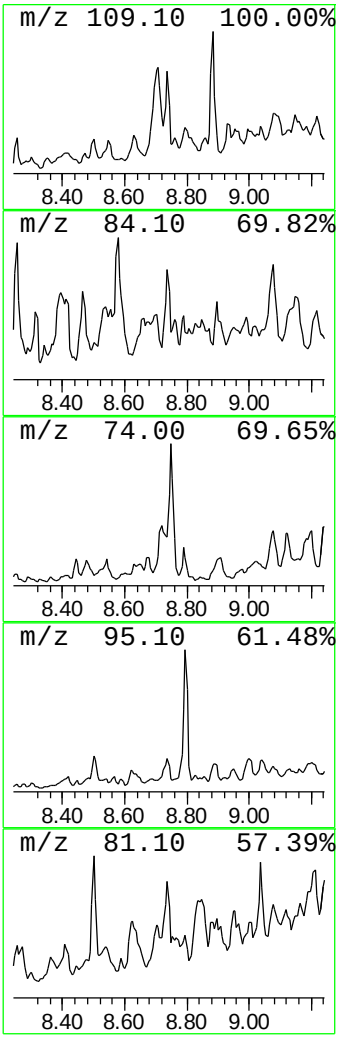
Peak Number 12 unknown8.74 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	11.09 ng	724538	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Bis(bromomethyl)cyclohexane	268	C8H14Br2	1000216-89-9	47
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	38
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	38
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	38





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Instrument : BNA_F
ClientSampleId : W-01

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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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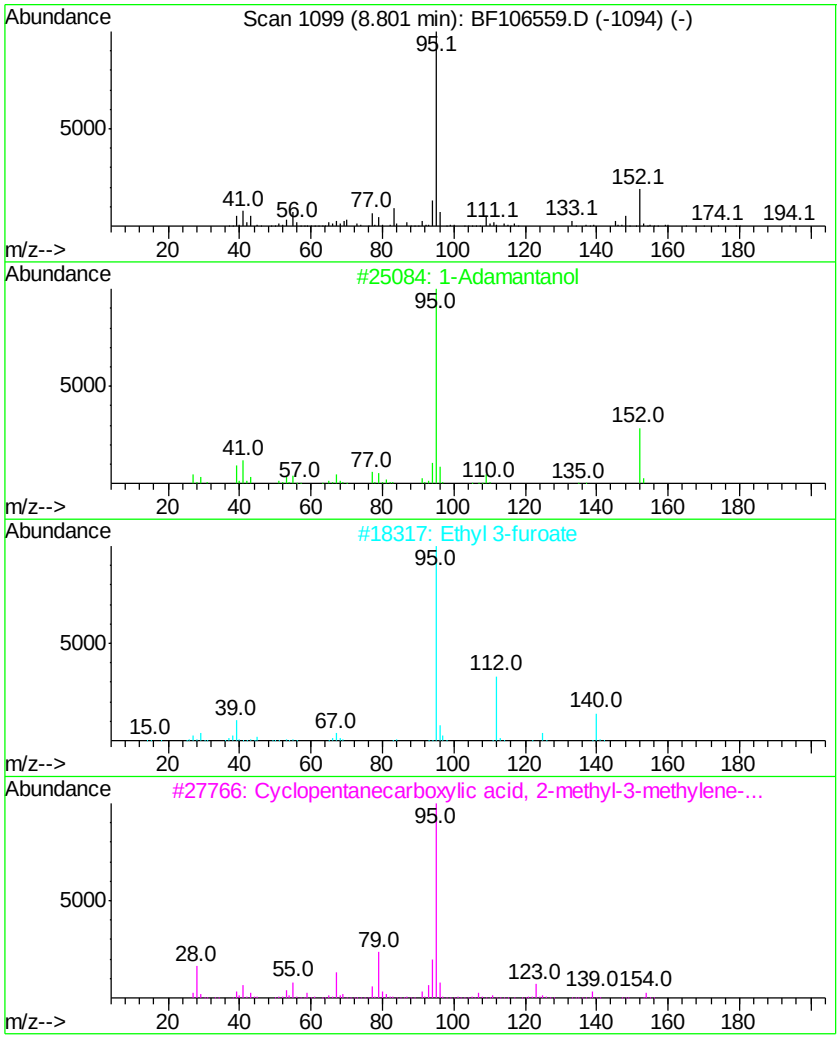
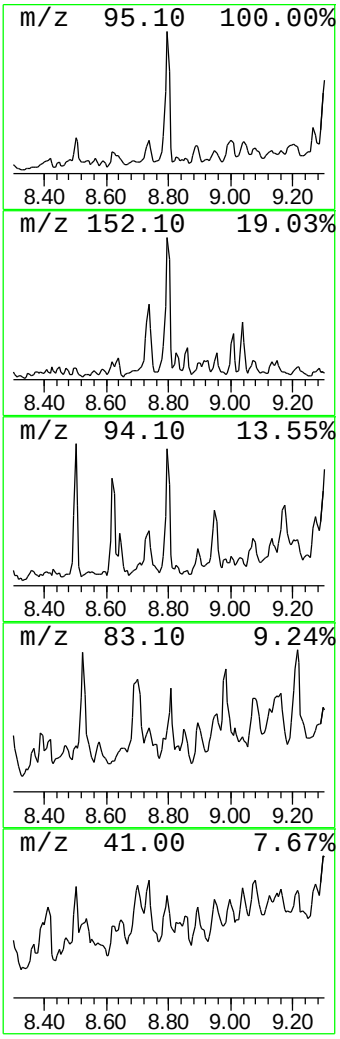
Peak Number 13 1-Adamantanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	12.25 ng	800484	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	87
2	Ethyl 3-furoate	140	C7H8O3	000614-98-2	42
3	Cyclopentanecarboxylic acid, 2-m...	154	C9H14O2	074764-25-3	38
4	Bicyclo[2.2.1]heptane, 2-(1-bute...	150	C11H18	055170-90-6	36
5	exo-2-Bromonorbornane	174	C7H11Br	002534-77-2	36





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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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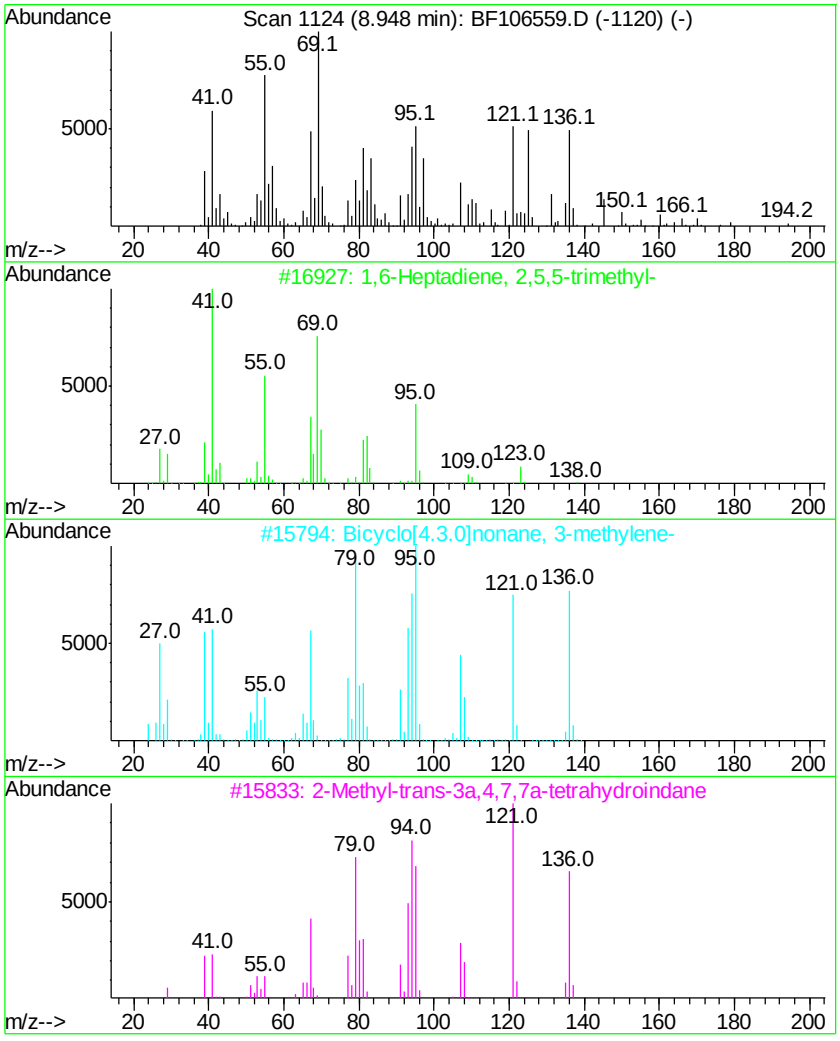
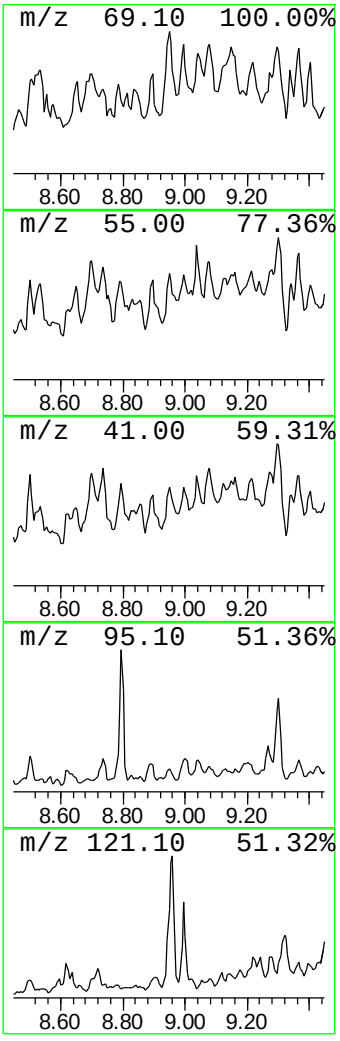
Peak Number 15 unknown8.95 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	12.99 ng	848778	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	38
2	Bicyclo[4.3.0]nonane, 3-methylene-	136	C10H16	1000152-00-6	38
3	2-Methyl-trans-3a,4,7,7a-tetrahy...	136	C10H16	1000145-84-2	35
4	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	30
5	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	30





Library Search Compound Report

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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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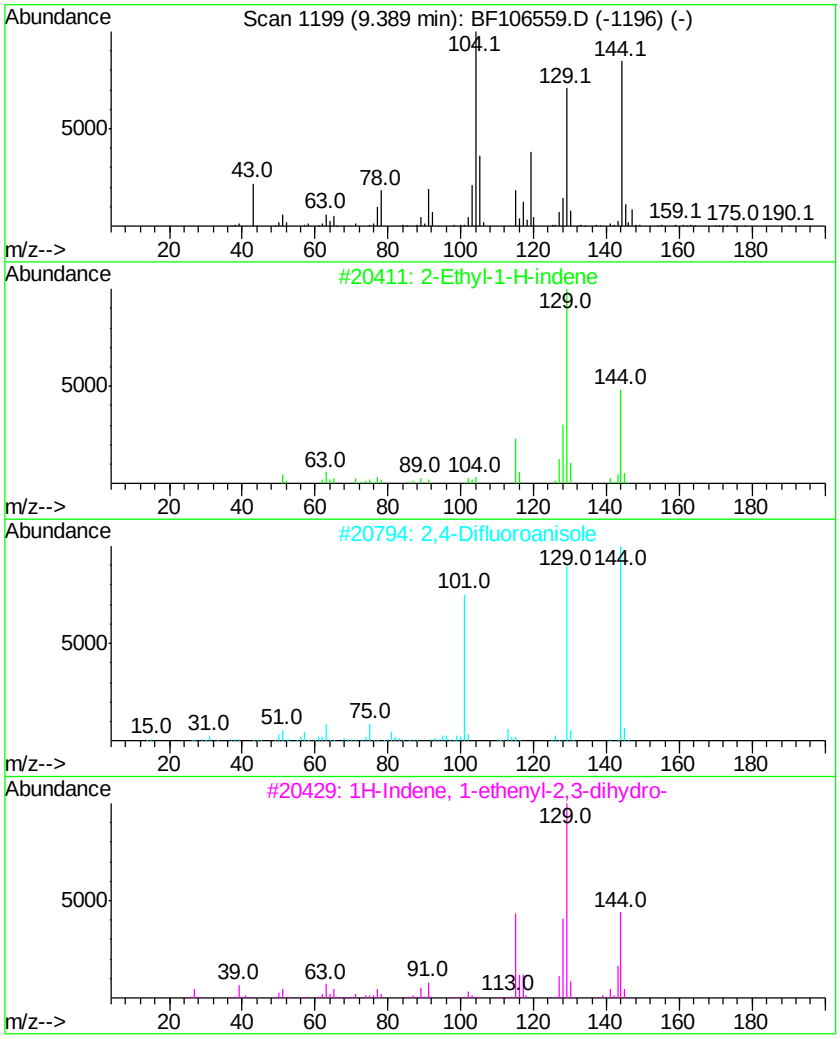
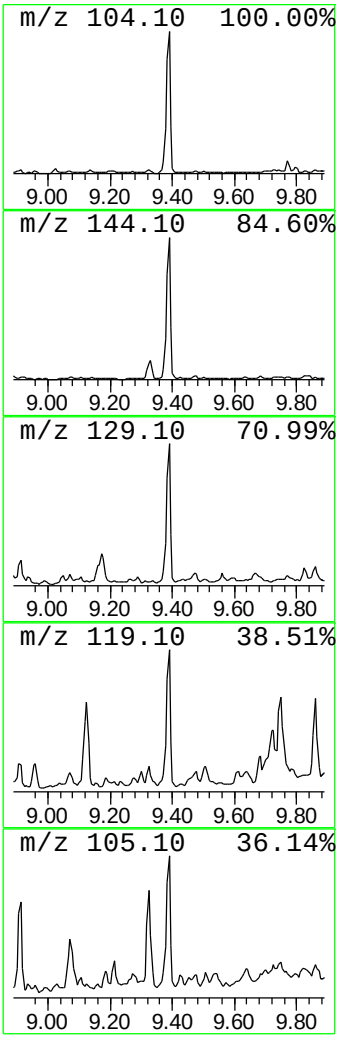
Peak Number 16 unknown9.39 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	15.72 ng	1136210	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	32
2	2,4-Difluoroanisole	144	C7H6F2O	000452-10-8	27
3	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	27
4	1,5-Naphthyridine, 4-methyl-	144	C9H8N2	007675-33-4	18
5	Phthalazine, 1-methyl-	144	C9H8N2	005004-46-6	18





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

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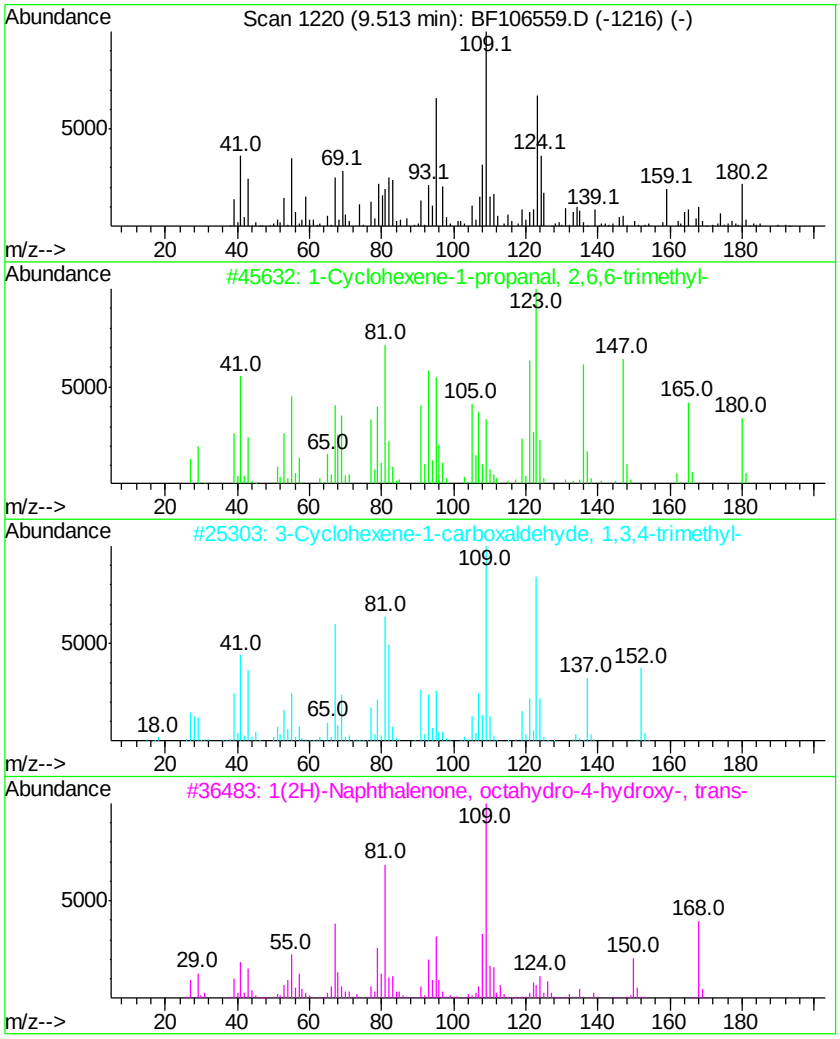
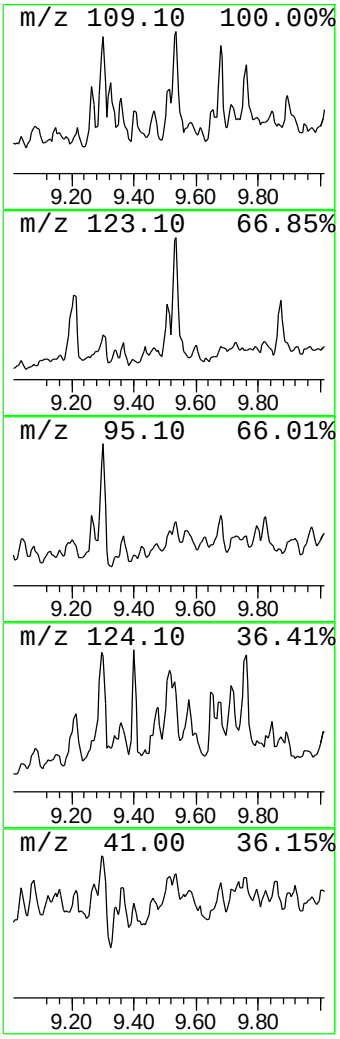
Peak Number 17 unknown9.51 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	11.73 ng	847397	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene-1-propanal, 2,6,6-...	180	C12H20O	035477-44-2	43
2	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	35
3	1(2H)-Naphthalenone, octahydro-4...	168	C10H16O2	021766-50-7	22
4	Benzoyl chloride, 4-fluoro-	158	C7H4ClFO	000403-43-0	18
5	4-Nitrophenyl bicyclo[4.1.0]hept...	261	C14H15NO4	328938-65-4	14





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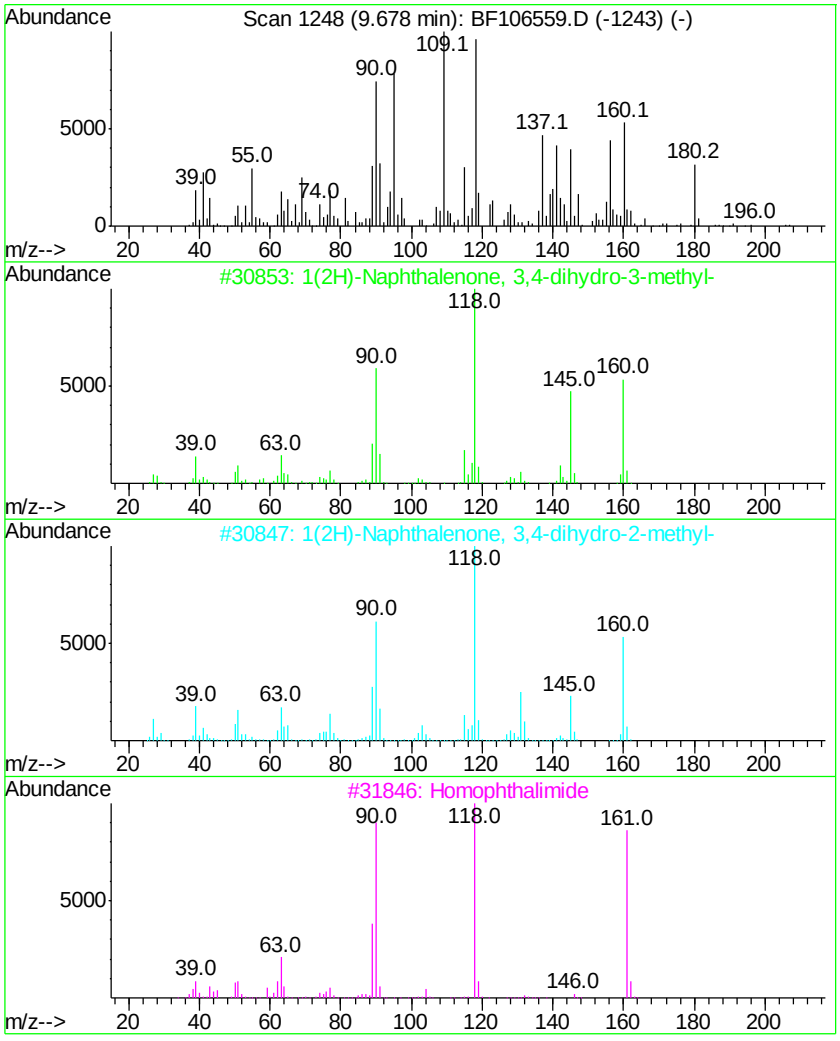
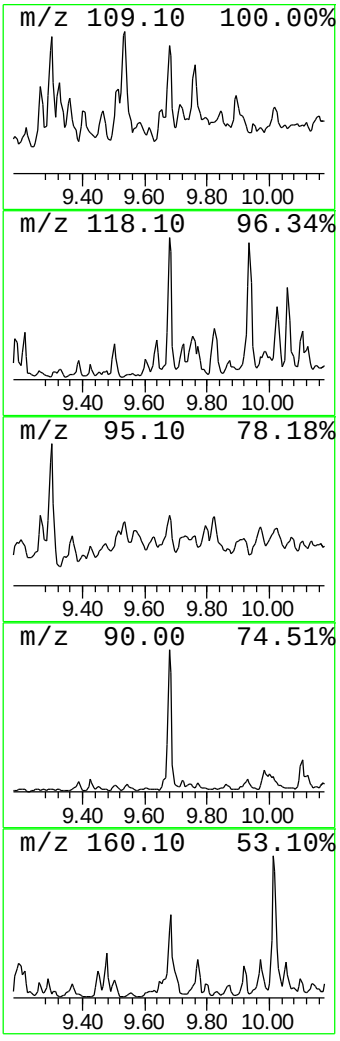
Peak Number 18 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	20.35 ng	1470760	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	78
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	55
3	Homophthalimide	161	C9H7NO2	004456-77-3	38
4	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	38
5	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106559.D
Acq On : 19 Jun 2018 1:29
Operator : JU/SJ
Sample : J3564-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

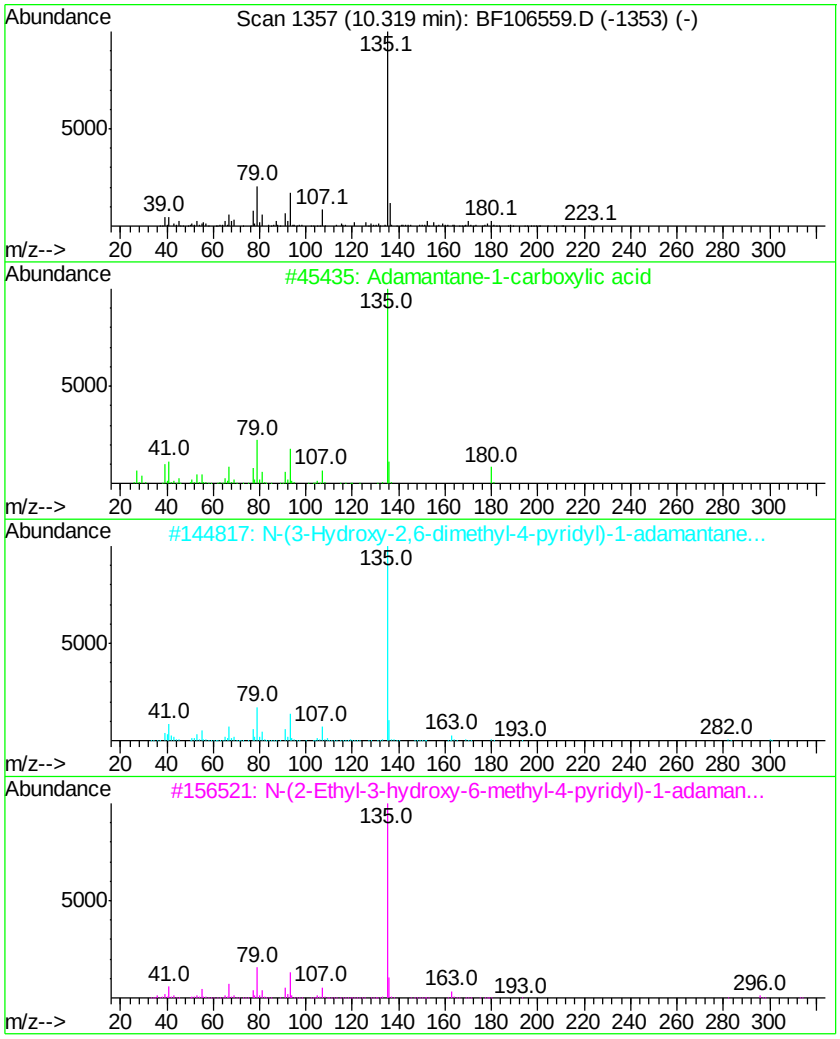
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

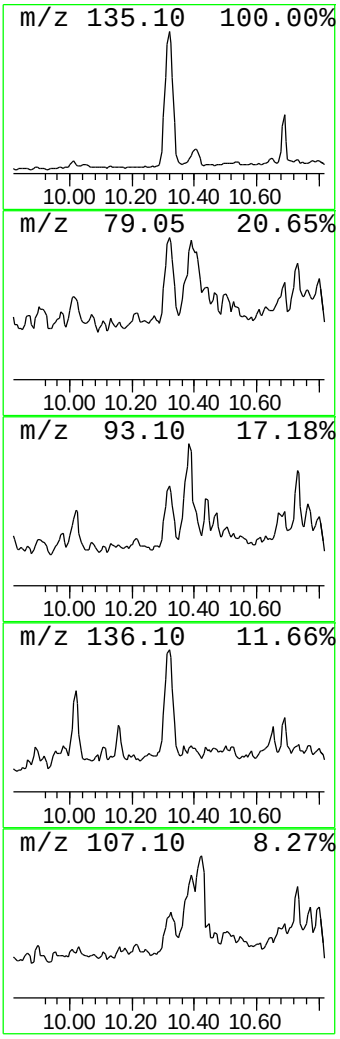
****

Peak Number 19 Adamantane-1-carboxylic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	18.14 ng	1310500	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	76
2	N-(3-Hydroxy-2,6-dimethyl-4-pyri...	300	C18H24N2O2	1000260-99-3	72
3	N-(2-Ethyl-3-hydroxy-6-methyl-4-...	314	C19H26N2O2	1000260-99-4	72
4	3-Adamantan-1-yl-3-oxo-propionit...	203	C13H17NO	1000296-74-6	64
5	Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106559.D
Acq On : 19 Jun 2018 1:29
Operator : JU/SJ
Sample : J3564-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

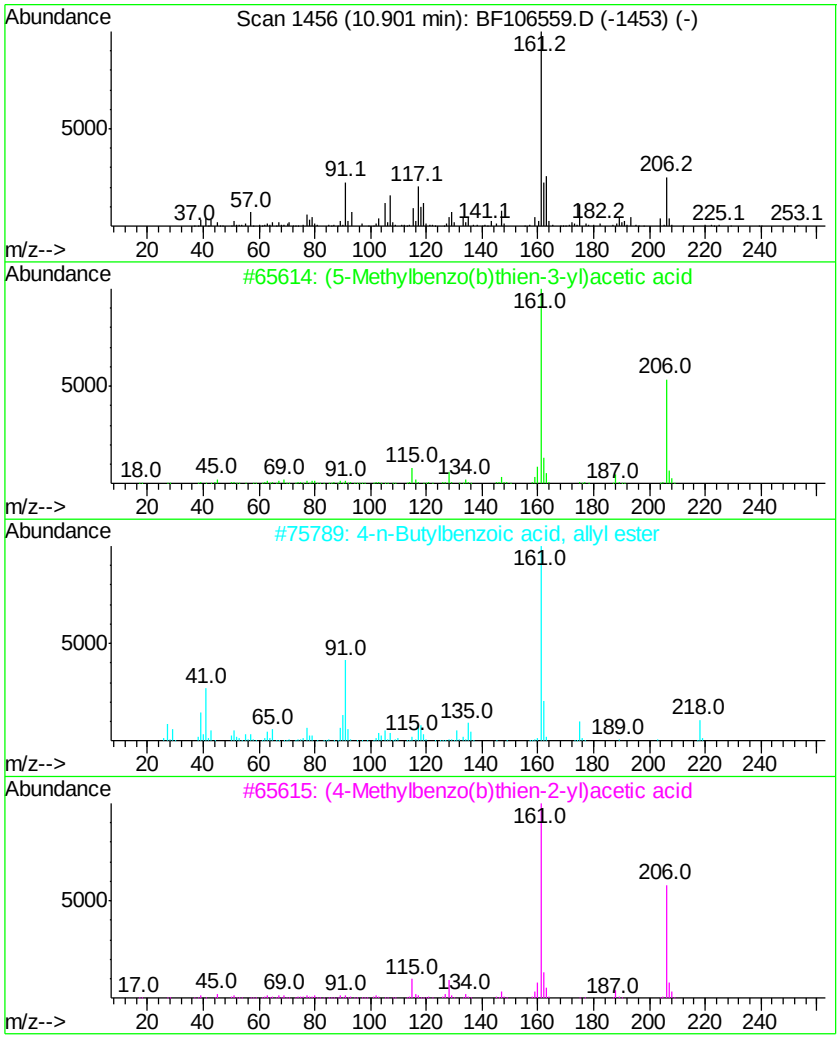
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

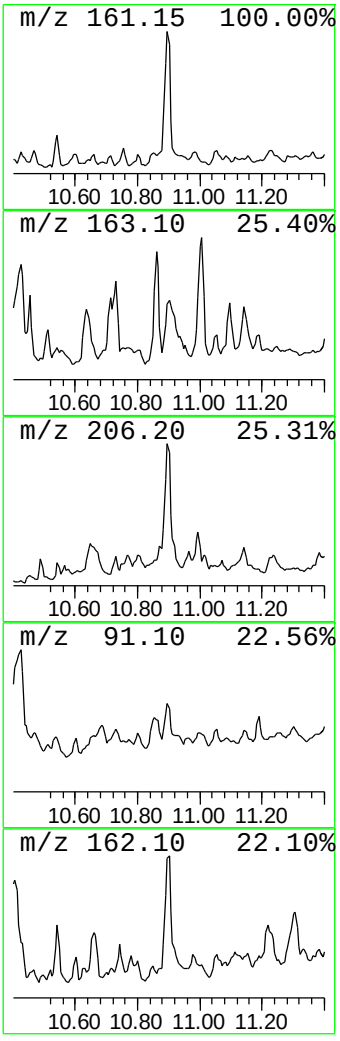
****

Peak Number 20 unknown10.90 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	20.00 ng	1030180	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(5-Methylbenzo(b)thien-3-yl)acet...	206	C11H10O2S	001735-12-2	43
2	4-n-Butylbenzoic acid, allyl ester	218	C14H18O2	1000293-35-8	40
3	(4-Methylbenzo(b)thien-2-yl)acet...	206	C11H10O2S	001734-37-8	38
4	2-Amino-5,6-dimethylbenzimidazole	161	C9H11N3	029096-75-1	38
5	2,2-Dimethyl-2-[2,4,6-trimethylp...	206	C13H18O2	1000128-93-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
Data File : BF106559.D
Acq On : 19 Jun 2018 1:29
Operator : JU/SJ
Sample : J3564-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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
unknown6.75	6.75	62.3	ng	2467750	1	6.97	791946	20.0
Benzene, 1,3-diet...	7.21	11.9	ng	469629	1	6.97	791946	20.0
Benzene, 1,2,3,4-...	7.73	10.9	ng	711307	2	8.25	1307180	20.0
3-Nonen-5-one	7.83	12.8	ng	834523	2	8.25	1307180	20.0
Bicyclo[4.2.0]oct...	7.90	12.9	ng	842444	2	8.25	1307180	20.0
1H-Indene, 2,3-di...	7.92	10.9	ng	711739	2	8.25	1307180	20.0
1,1'-Bicyclohexyl...	8.41	15.5	ng	1014690	2	8.25	1307180	20.0
5H-Inden-5-one, o...	8.50	14.3	ng	931469	2	8.25	1307180	20.0
1H-Indene, 2,3-di...	8.63	12.5	ng	816385	2	8.25	1307180	20.0
unknown8.70	8.70	19.8	ng	1291010	2	8.25	1307180	20.0
unknown8.74	8.74	11.1	ng	724538	2	8.25	1307180	20.0
1-Adamantanol	8.80	12.3	ng	800484	2	8.25	1307180	20.0
unknown8.95	8.95	13.0	ng	848778	2	8.25	1307180	20.0
unknown9.39	9.39	15.7	ng	1136210	3	10.01	1445210	20.0
unknown9.51	9.51	11.7	ng	847397	3	10.01	1445210	20.0
1(2H)-Naphthaleno...	9.68	20.4	ng	1470760	3	10.01	1445210	20.0
Adamantane-1-carb...	10.32	18.1	ng	1310500	3	10.01	1445210	20.0
unknown10.90	10.90	20.0	ng	1030180	4	11.52	1030180	20.0