LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106558.D
Acq On : 19 Jun 2018 1:02
Operator : JU/SJ
Sample : J3564-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-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-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	3.407	174	182	186	rBV	18907	34527	1.44%	0.085%
2	5.196	482	486	492	rBV	106651	124686	5.20%	0.308%
3	5.254	492	496	502	rVB5	26635	55931	2.33%	0.138%
4	5.613	554	557	564	rBV	1390823	1330834	55.50%	3.289%
5	5.707	569	573	580	rBV	117131	114357	4.77%	0.283%
6	5.760	580	582	586	rBV2	44954	44456	1.85%	0.110%
7	5.860	595	599	602	rBV3	38880	45006	1.88%	0.111%
8	5.890	602	604	607	rVB	48475	44118	1.84%	0.109%
9	6.131	642	645	648	rVB2	47321	49508	2.06%	0.122%
10	6.207	655	658	660	rBV3	52143	41129	1.72%	0.102%
11	6.284	668	671	680	rVB4	31772	56134	2.34%	0.139%
12	6.390	686	689	693	rBV4	24120	40118	1.67%	0.099%
13	6.566	716	719	722	rBV	113806	99394	4.14%	0.246%
14	6.619	722	728	734	rVV	661770	871235	36.33%	2.153%
15	6.666	734	736	740	rVB2	46902	46720	1.95%	0.115%
16	6.748	746	750	753	rBV	2296796	2119910	88.41%	5.240%
17	6.807	756	760	763	rVB2	96208	96523	4.03%	0.239%
18	6.842	763	766	768	rBV2	43682	44773	1.87%	0.111%
19	6.890	771	774	776	rVV3	45215	38101	1.59%	0.094%
20	6.919	776	779	782	rVB	112118	95568	3.99%	0.236%
21	6.966	782	787	790	rBV	846263	690935	28.81%	1.708%
22	7.025	795	797	801	rVB2	76516	68608	2.86%	0.170%
23	7.125	810	814	816	rBV	2167106	1853459	77.29%	4.581%
24	7.148	816	818	822	rVB2	372818	365463	15.24%	0.903%
25	7.207	822	828	831	rBV3	455324	367329	15.32%	0.908%
26	7.237	831	833	838	rVB4	53387	83156	3.47%	0.206%
27	7.301	838	844	845	rBV2	310573	376910	15.72%	0.932%
28	7.313	845	846	851	rVB	332163	243912	10.17%	0.603%
29	7.360	851	854	857	rBV	189075	186900	7.79%	0.462%
30	7.401	857	861	863	rBV	199701	185530	7.74%	0.459%
31	7.454	867	870	872	rBV2	153531	142089	5.93%	0.351%
32	7.495	872	877	879	rBV2	781825	930023	38.78%	2.299%
33	7.531	879	883	886	rBV2	2009096	2029547	84.64%	5.016%
34	7.554	886	887	889	rVB2	183372	107067	4.46%	0.265%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106558.D
Acq On : 19 Jun 2018 1:02
Operator : JU/SJ
Sample : J3564-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.578	889	891	893	rBV	166189	107415	4.48%	0.265%
36	7.601	893	895	898	rVB3	120041	94353	3.93%	0.233%
37	7.648	900	903	905	rBV	257239	243885	10.17%	0.603%
38	7.689	908	910	911	rBV	53910	39237	1.64%	0.097%
39	7.731	911	917	921	rVB	864794	894412	37.30%	2.211%
40	7.784	921	926	928	rBV3	155298	210861	8.79%	0.521%
41	7.831	928	934	940	rVB3	423496	659854	27.52%	1.631%
42	7.895	940	945	947	rBV3	566822	855566	35.68%	2.115%
43	7.966	953	957	961	rBV4	270669	465846	19.43%	1.151%
44	8.007	961	964	966	rVV2	189947	189910	7.92%	0.469%
45	8.060	970	973	978	rVB4	186232	335494	13.99%	0.829%
46	8.107	978	981	984	rBV	264788	266158	11.10%	0.658%
47	8.160	987	990	992	rBV	257736	259941	10.84%	0.642%
48	8.189	992	995	997	rBV3	334407	362705	15.13%	0.896%
49	8.248	1003	1005	1010	rVB2	1018914	1035172	43.17%	2.559%
50	8.289	1010	1012	1016	rVB	554755	531319	22.16%	1.313%
51	8.331	1016	1019	1021	rVB2	153918	129043	5.38%	0.319%
52	8.372	1021	1026	1027	rBV2	365310	515827	21.51%	1.275%
53	8.395	1028	1030	1036	rVB5	387805	416532	17.37%	1.030%
54	8.442	1036	1038	1040	rBV	517219	405411	16.91%	1.002%
55	8.466	1040	1042	1043	rBV2	82452	65525	2.73%	0.162%
56	8.495	1043	1047	1050	rBV4	625442	857891	35.78%	2.120%
57	8.572	1057	1060	1062	rBV2	227568	222750	9.29%	0.551%
58	8.631	1065	1070	1074	rVV5	512197	762453	31.80%	1.884%
59	8.695	1074	1081	1085	rVV4	641447	1308621	54.57%	3.234%
60	8.731	1085	1087	1091	rVV4	457329	503877	21.01%	1.245%
61	8.795	1095	1098	1101	rVV2	487236	482365	20.12%	1.192%
62	8.831	1101	1104	1107	rVV4	136191	196042	8.18%	0.485%
63	8.878	1110	1112	1115	rBV	316074	344033	14.35%	0.850%
64	8.907	1115	1117	1120	rBV	506916	400387	16.70%	0.990%
65	9.066	1140	1144	1147	rVB5	450175	550542	22.96%	1.361%
66	9.142	1154	1157	1159	rVB2	348521	316044	13.18%	0.781%
67	9.325	1185	1188	1191	rVB	2362165	2303439	96.06%	5.693%
68	9.360	1191	1194	1195	rBV2	281477	239105	9.97%	0.591%
69	9.383	1195	1198	1201	rVB	1177560	986216	41.13%	2.438%
70	9.448	1203	1209	1212	rBV7	354351	845791	35.27%	2.090%
71	9.501	1215	1218	1220	rVV2	533965	623809	26.01%	1.542%

LSC Area Percent Report

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Data File : BF106558.D
Acq On : 19 Jun 2018 1:02
Operator : JU/SJ
Sample : J3564-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.531	1220	1223	1226	rVB3	564091	563716	23.51%	1.393%
73	9.678	1242	1248	1253	rBV6	609447	1281420	53.44%	3.167%
74	10.407	1366	1372	1378	rVB	1145272	2397944	100.00%	5.927%
75	10.819	1440	1442	1444	rBV	466513	422381	17.61%	1.044%
76	10.889	1451	1454	1456	rBV	496971	631263	26.33%	1.560%
77	13.107	1827	1831	1836	rVB	1628693	1770998	73.85%	4.377%
78	14.166	2008	2011	2014	rVB	788152	700658	29.22%	1.732%
79	15.707	2268	2273	2278	rVB2	450195	639296	26.66%	1.580%

Sum of corrected areas: 40459463

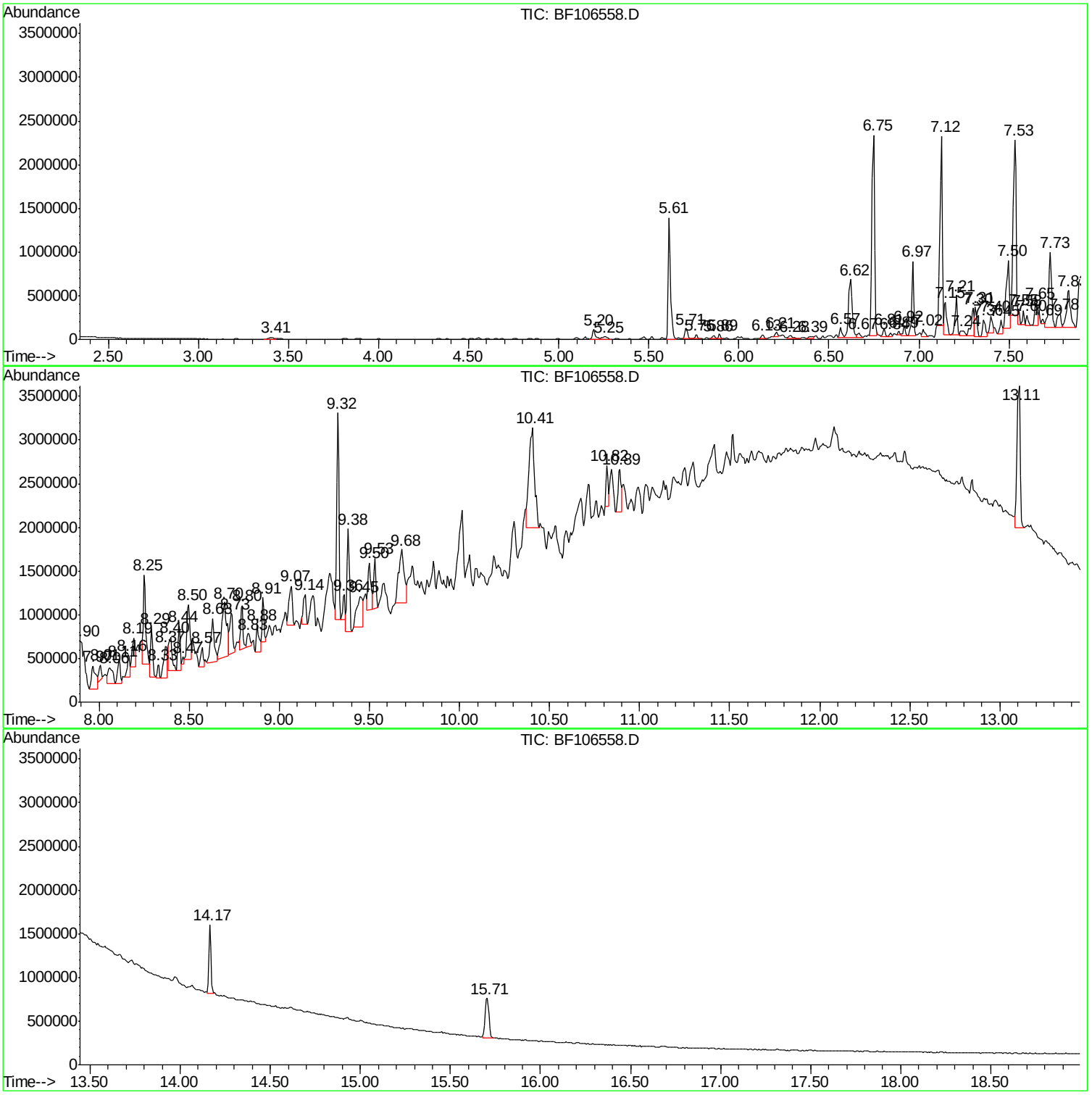
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106558.D
Acq On : 19 Jun 2018 1:02
Operator : JU/SJ
Sample : J3564-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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\BF061818\
Data File : BF106558.D
Acq On : 19 Jun 2018 1:02
Operator : JU/SJ
Sample : J3564-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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

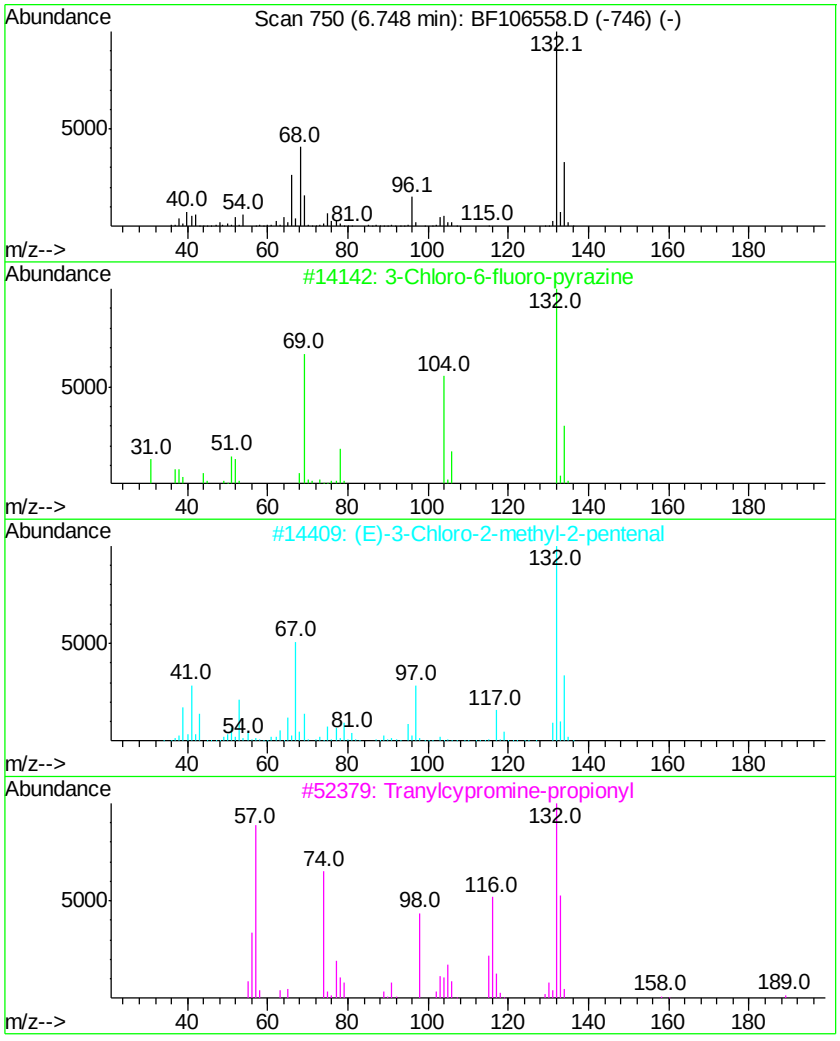
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

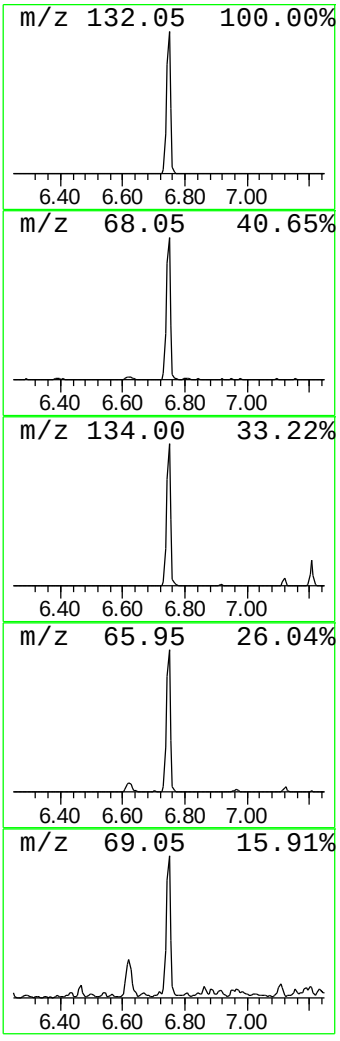
****

Peak Number 1 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	61.36 ng	2119910	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106558.D
Acq On : 19 Jun 2018 1:02
Operator : JU/SJ
Sample : J3564-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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

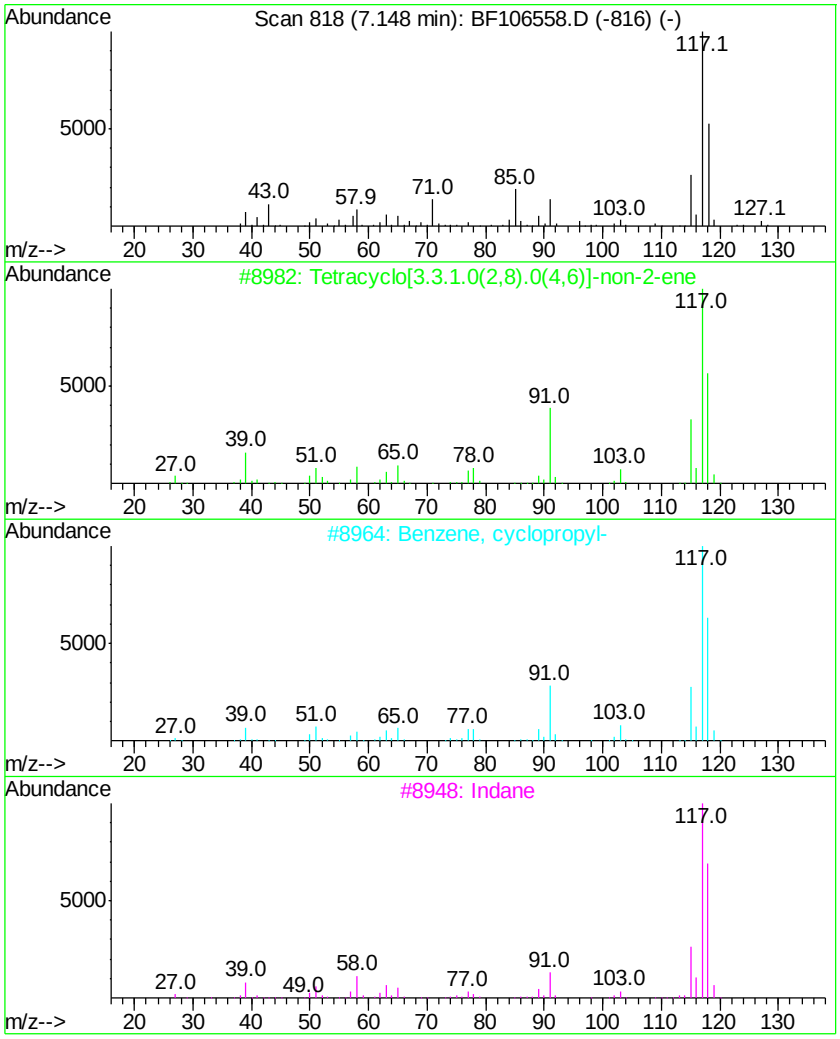
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

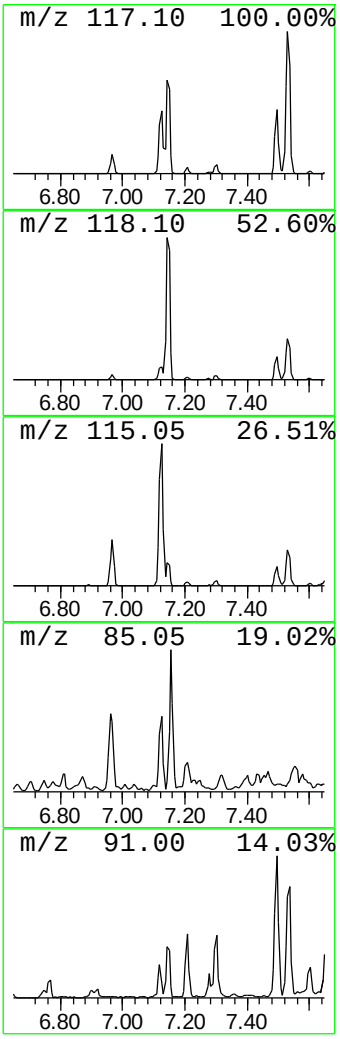
****

Peak Number 3 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	10.58 ng	365463	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Indane	118	C9H10	000496-11-7	55
4	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	53
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106558.D
Acq On : 19 Jun 2018 1:02
Operator : JU/SJ
Sample : J3564-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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

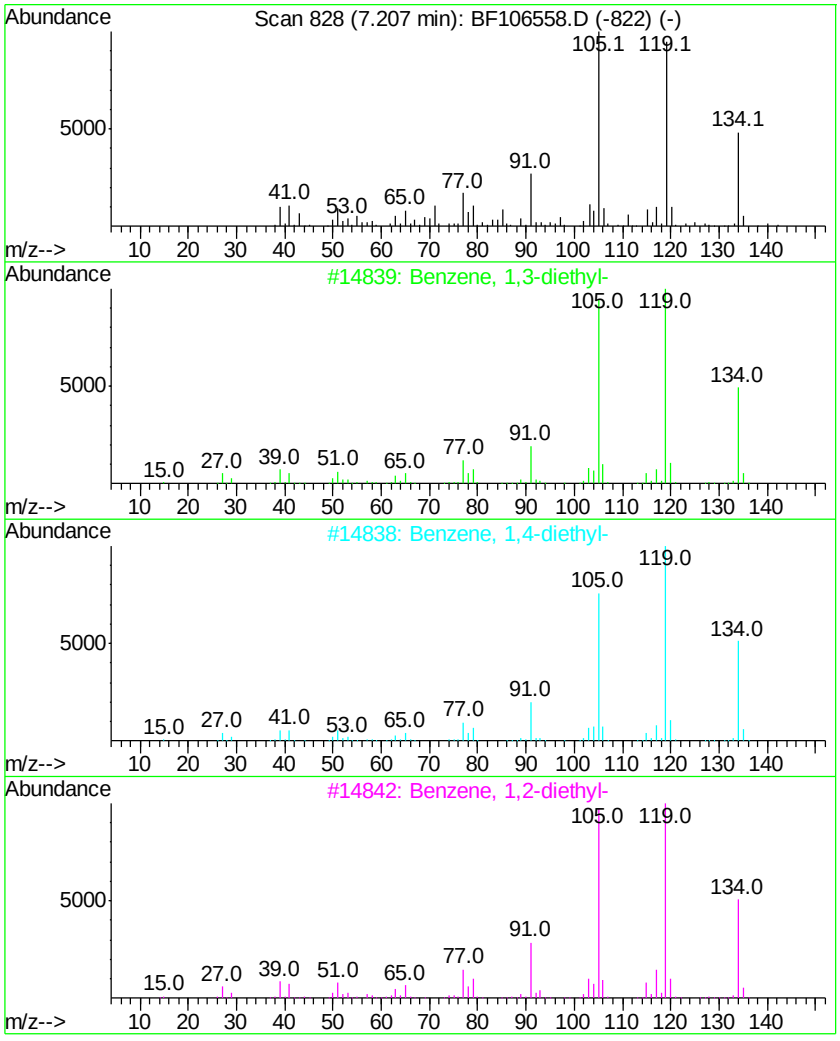
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

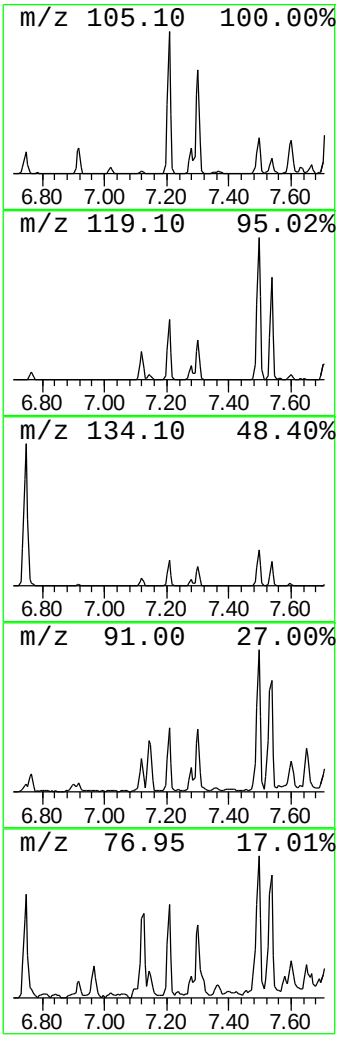
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	10.63 ng	367329	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	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106558.D
Acq On : 19 Jun 2018 1:02
Operator : JU/SJ
Sample : J3564-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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

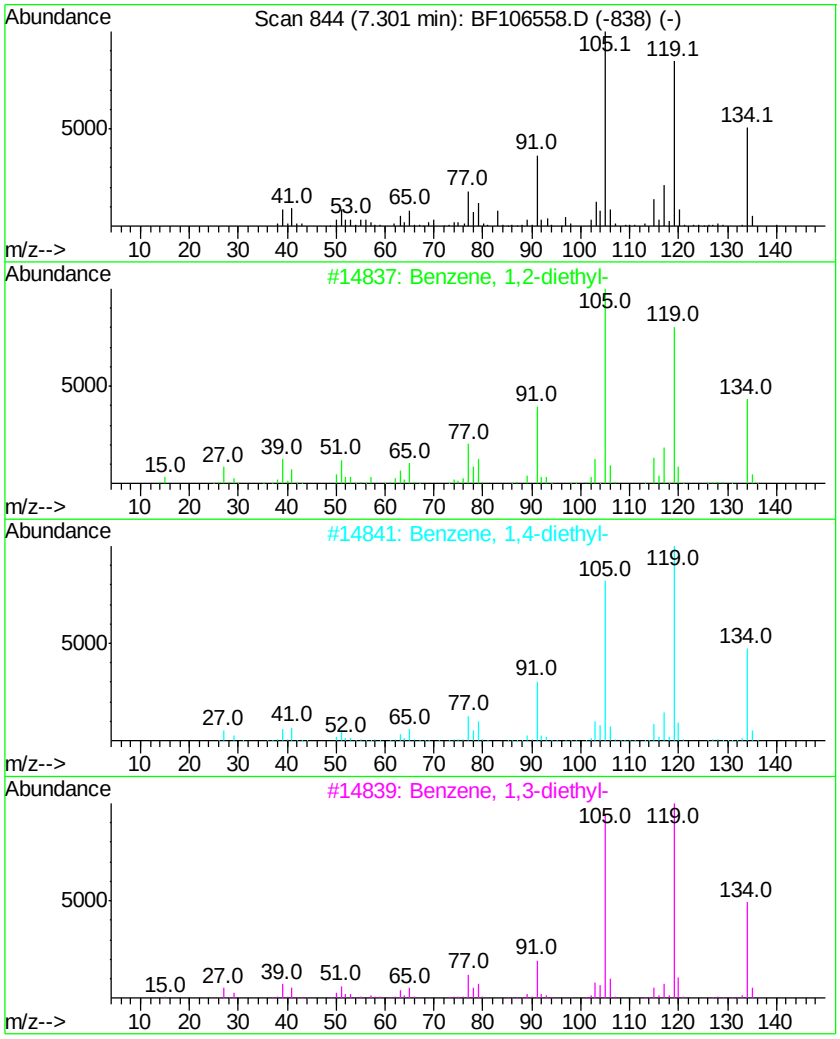
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

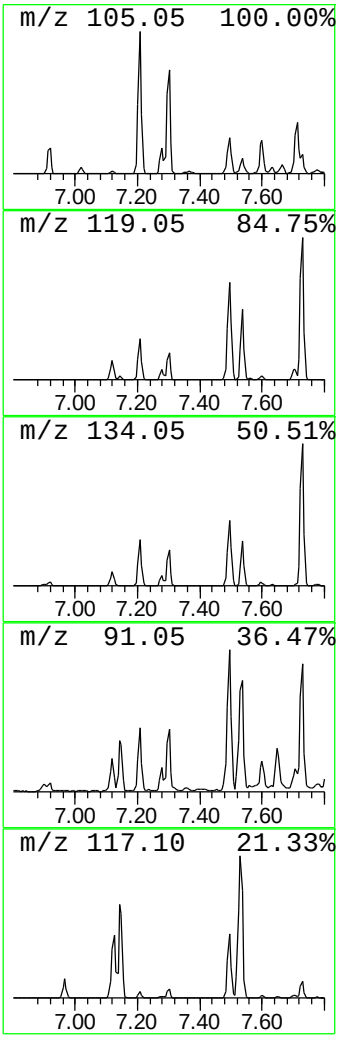
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	10.91 ng	376910	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	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	83
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
5	o-Cymene	134	C10H14	000527-84-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106558.D
Acq On : 19 Jun 2018 1:02
Operator : JU/SJ
Sample : J3564-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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

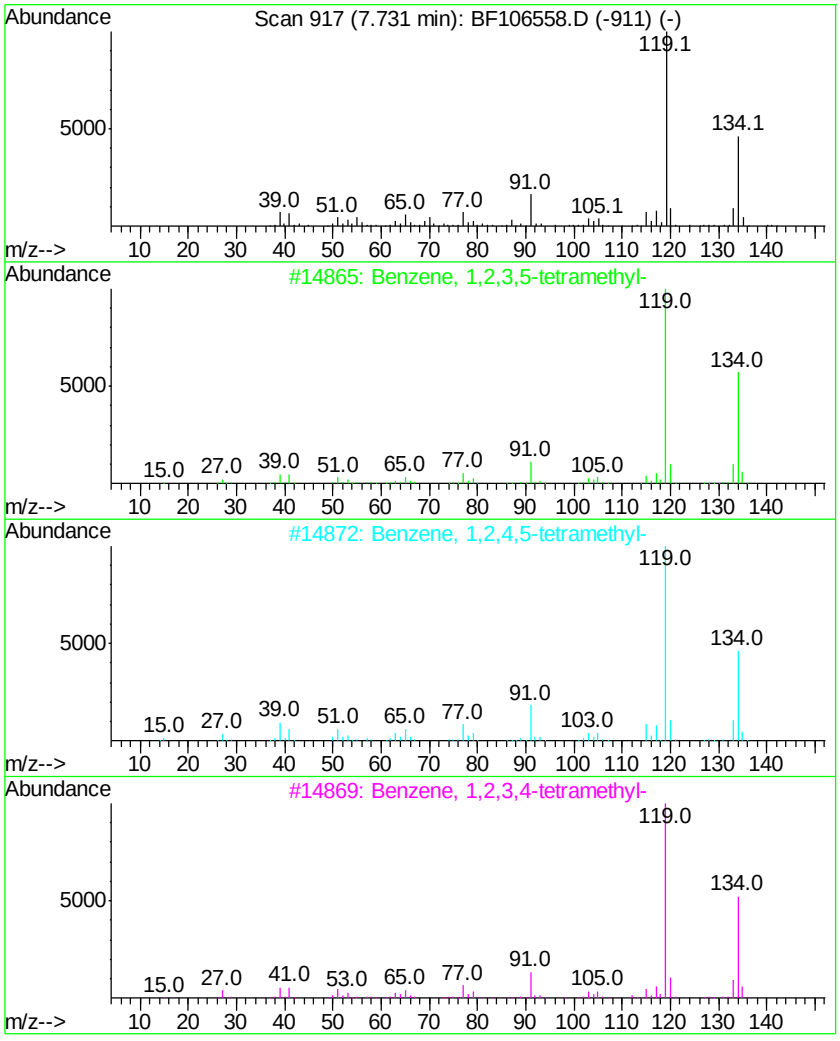
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

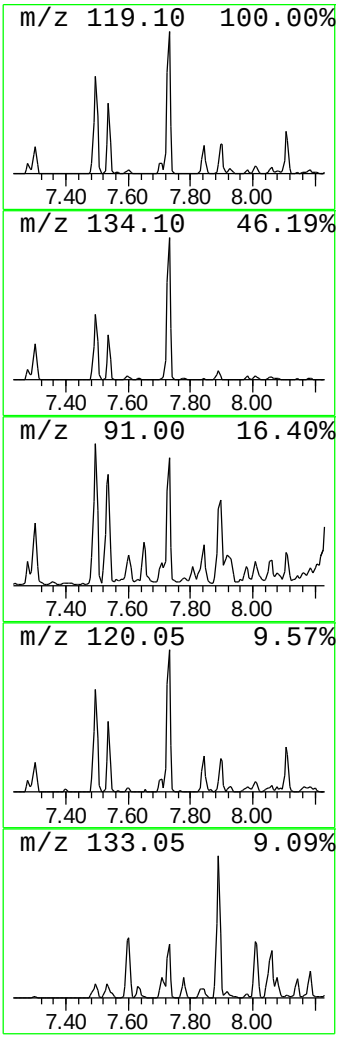
****

Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	17.28 ng	894412	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	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\BF061818\
Data File : BF106558.D
Acq On : 19 Jun 2018 1:02
Operator : JU/SJ
Sample : J3564-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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

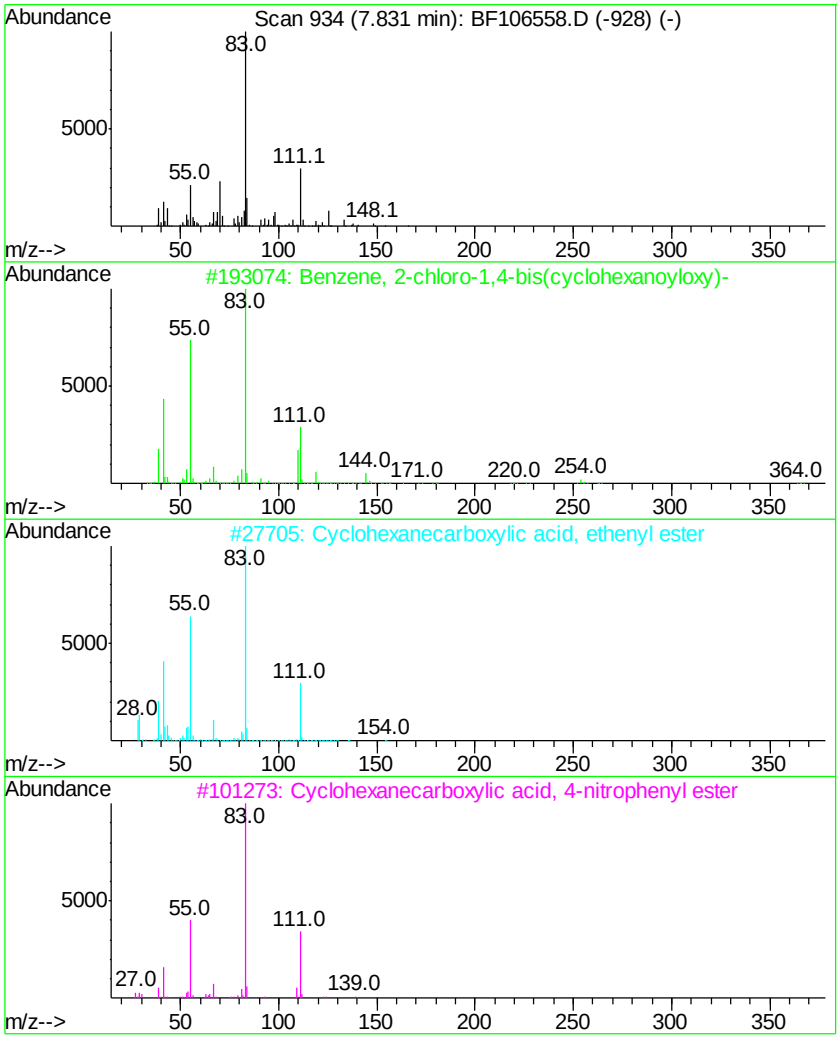
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

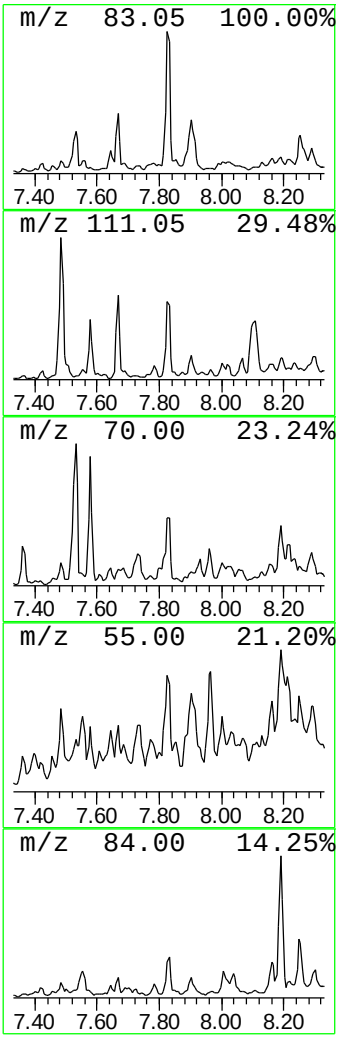
****

Peak Number 7 Benzene, 2-chloro-1,4-bis(c... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	12.75 ng	659854	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-chloro-1,4-bis(cycloh...	364	C20H25ClO4	294874-04-7	53
2	Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	53
3	Cyclohexanecarboxylic acid, 4-ni...	249	C13H15NO4	1000307-70-8	53
4	Cyclohexanecarboxylic acid, 4-fo...	232	C14H16O3	146606-04-4	53
5	5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	50





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Operator : JU/SJ
Sample : J3564-05
Misc :
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Instrument : BNA_F
ClientSampleId : W-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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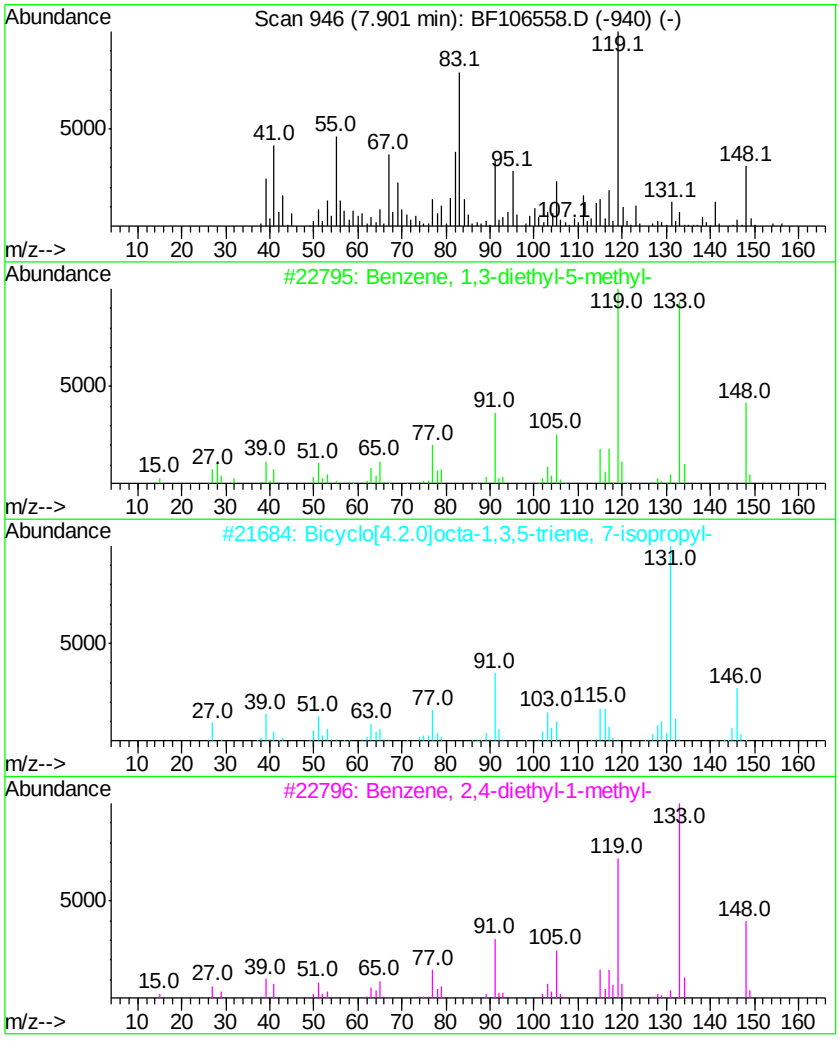
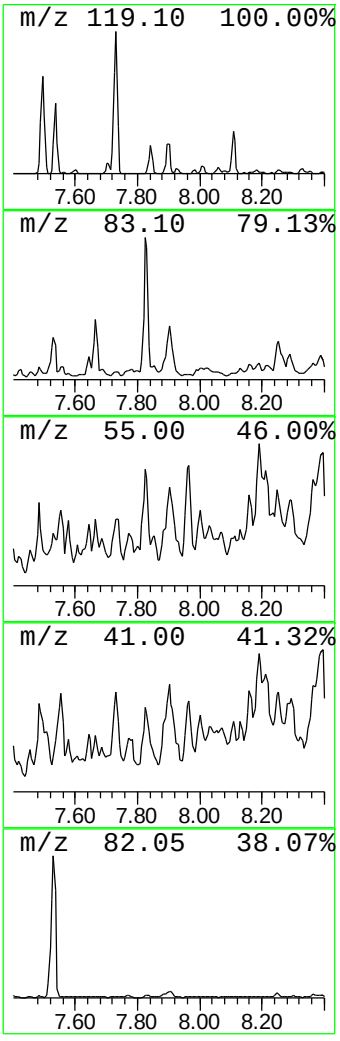
Peak Number 8 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	16.53 ng	855566	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	53
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	46
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	43
5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	41





Library Search Compound Report

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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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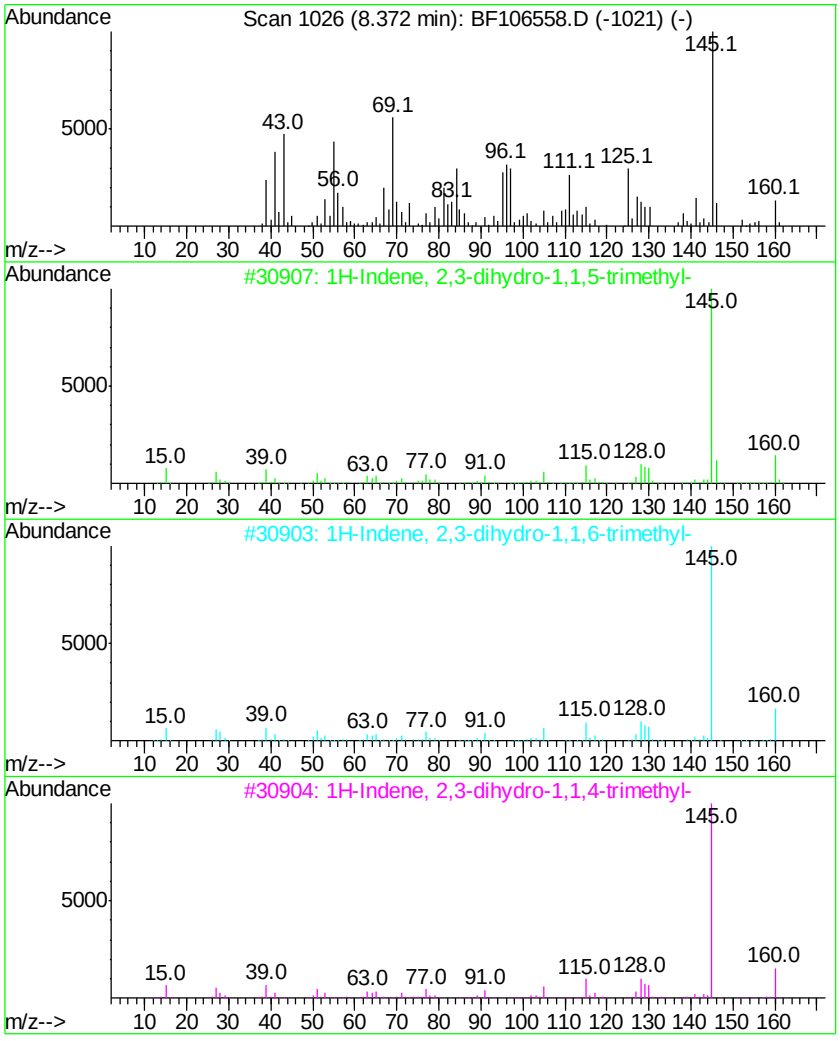
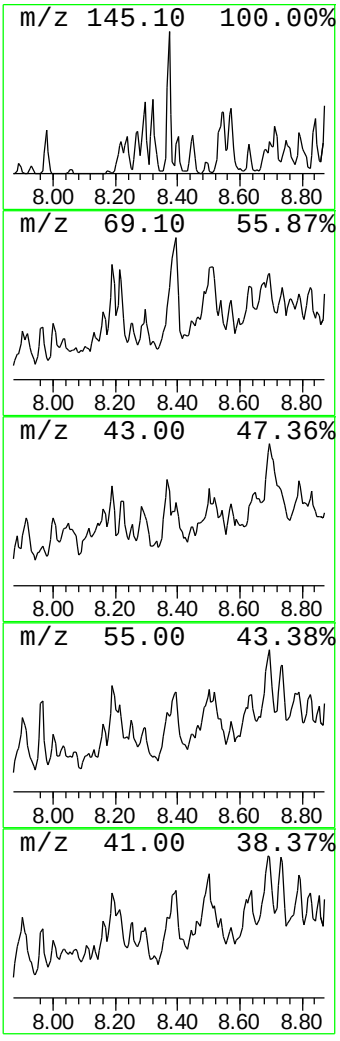
Peak Number 9 unknown8.37 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	9.97 ng	515827	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	46
2	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	42
3	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	42
4	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	42
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	41





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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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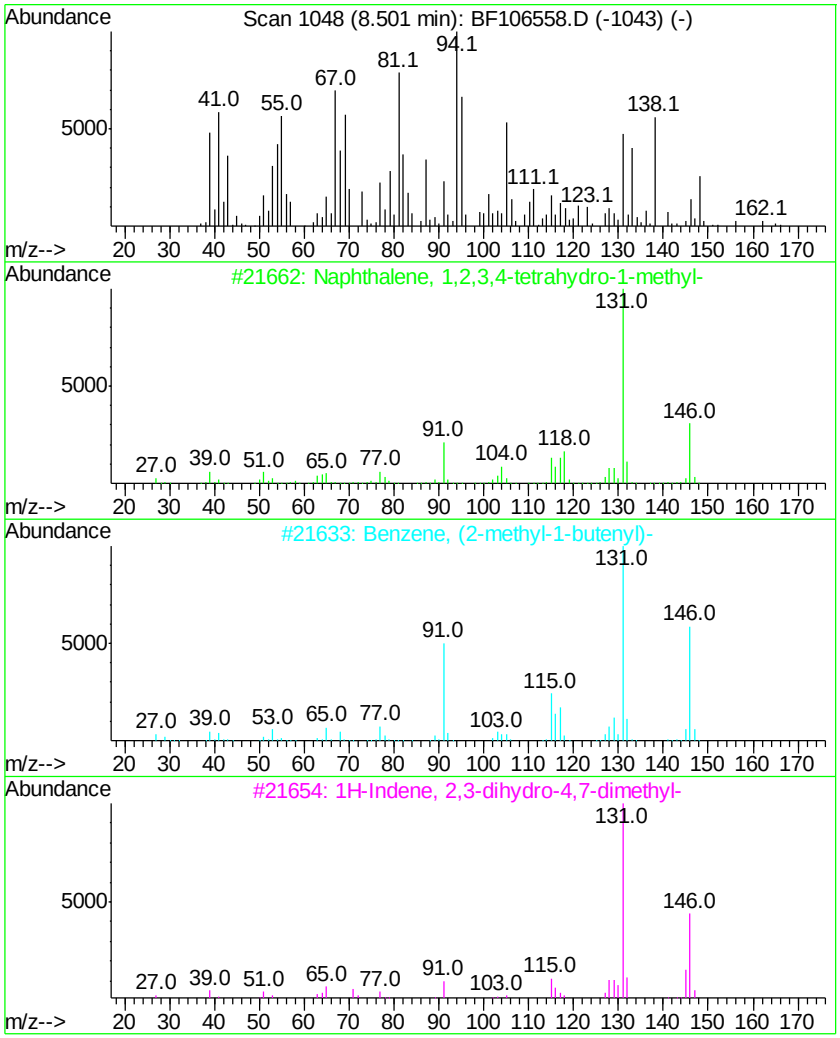
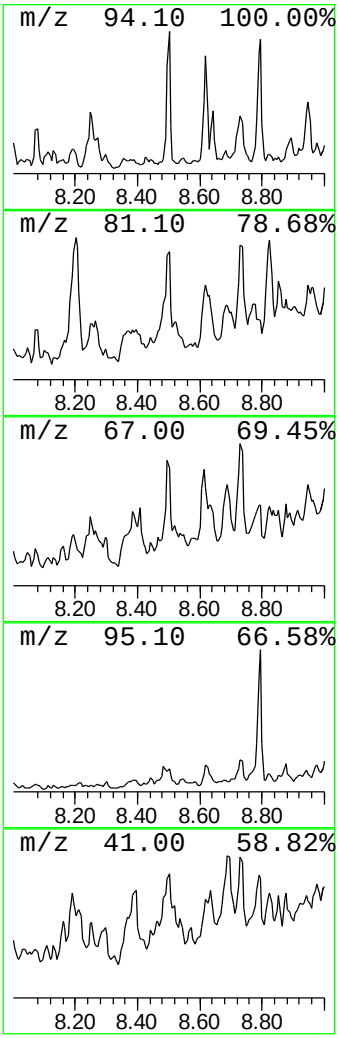
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	16.57 ng	857891	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	96
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	70





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : W-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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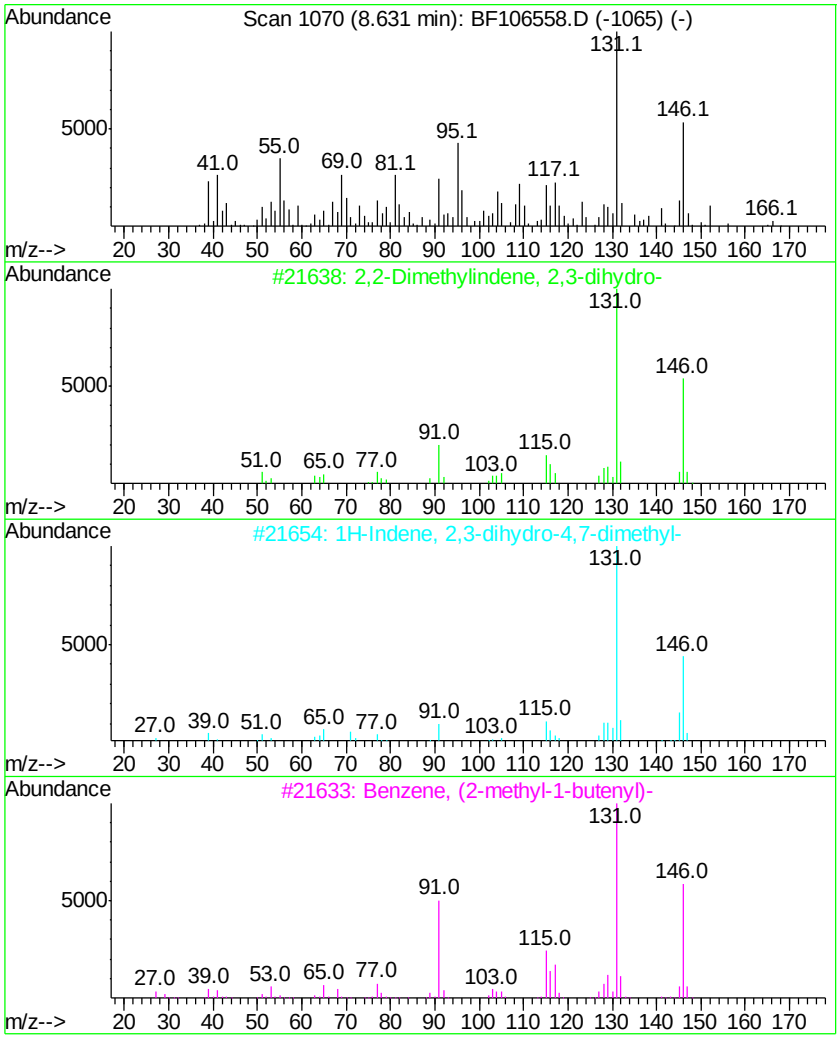
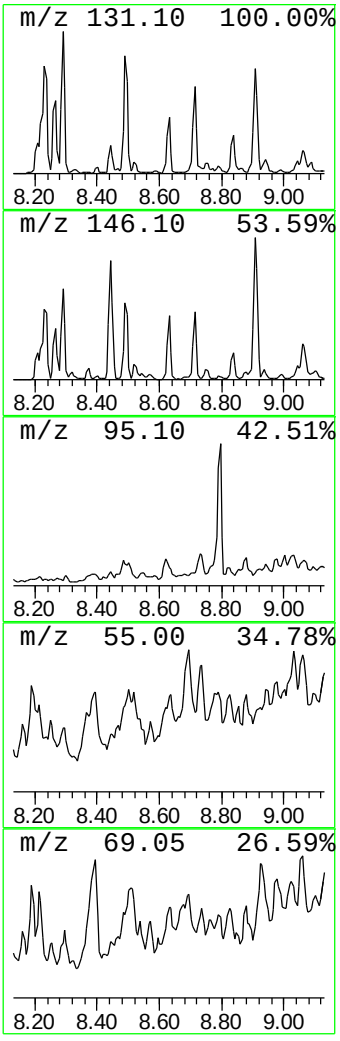
Peak Number 11 2,2-Dimethylindene, 2,3-dih... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	14.73 ng	762453	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	78
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	78
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	78





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Instrument : BNA_F
ClientSampleId : W-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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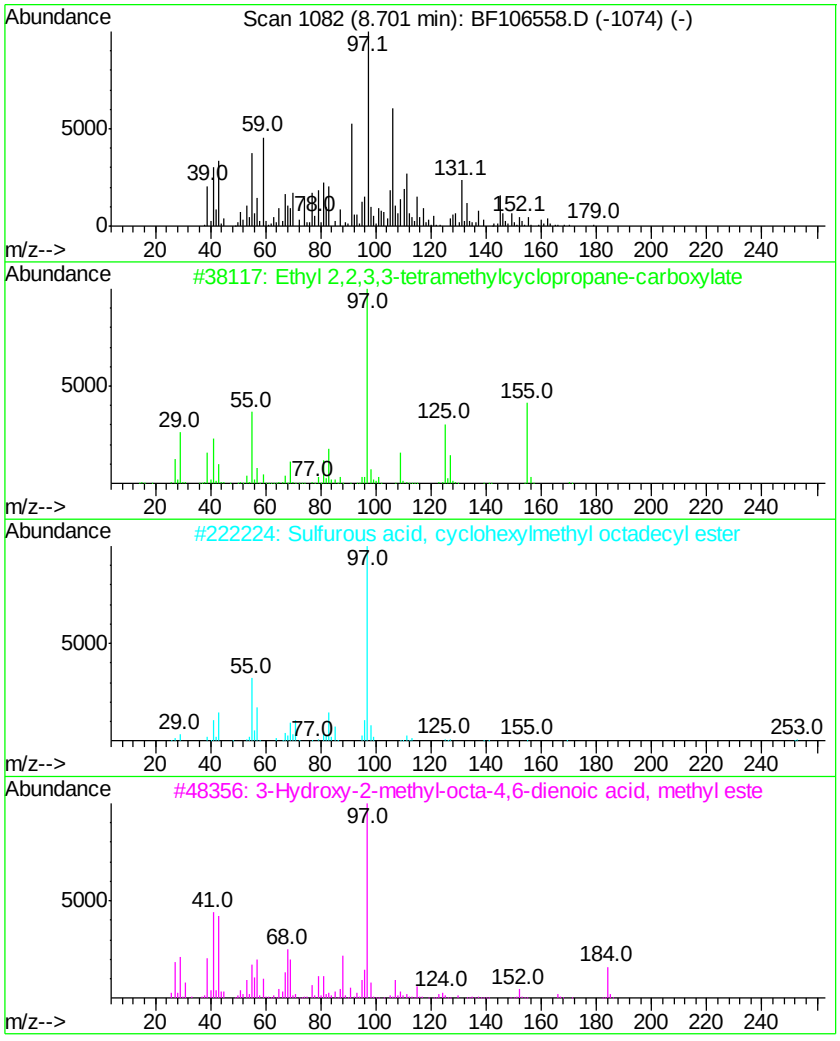
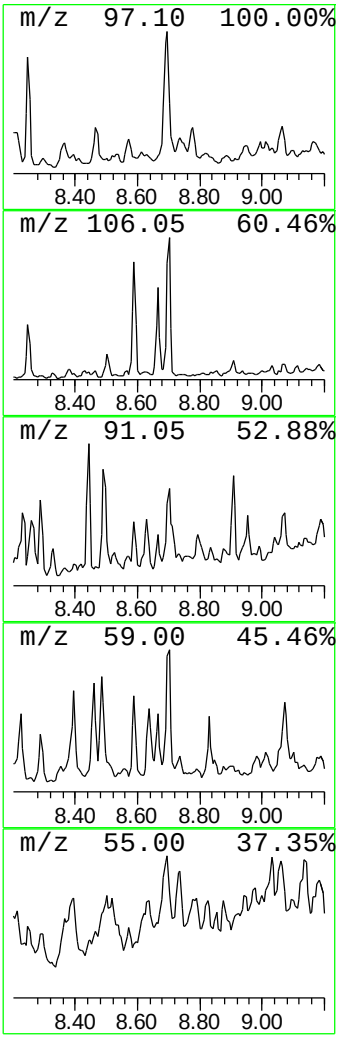
Peak Number 12 unknown8.70 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	25.28 ng	1308620	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 2,2,3,3-tetramethylcyclopr...	170	C10H18O2	000771-10-8	35
2	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	35
3	3-Hydroxy-2-methyl-octa-4,6-dien...	184	C10H16O3	1000187-31-3	35
4	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	35
5	Heptane, 1,7-dibromo-	256	C7H14Br2	004549-31-9	27





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Sample : J3564-05
Misc :
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ClientSampleId : W-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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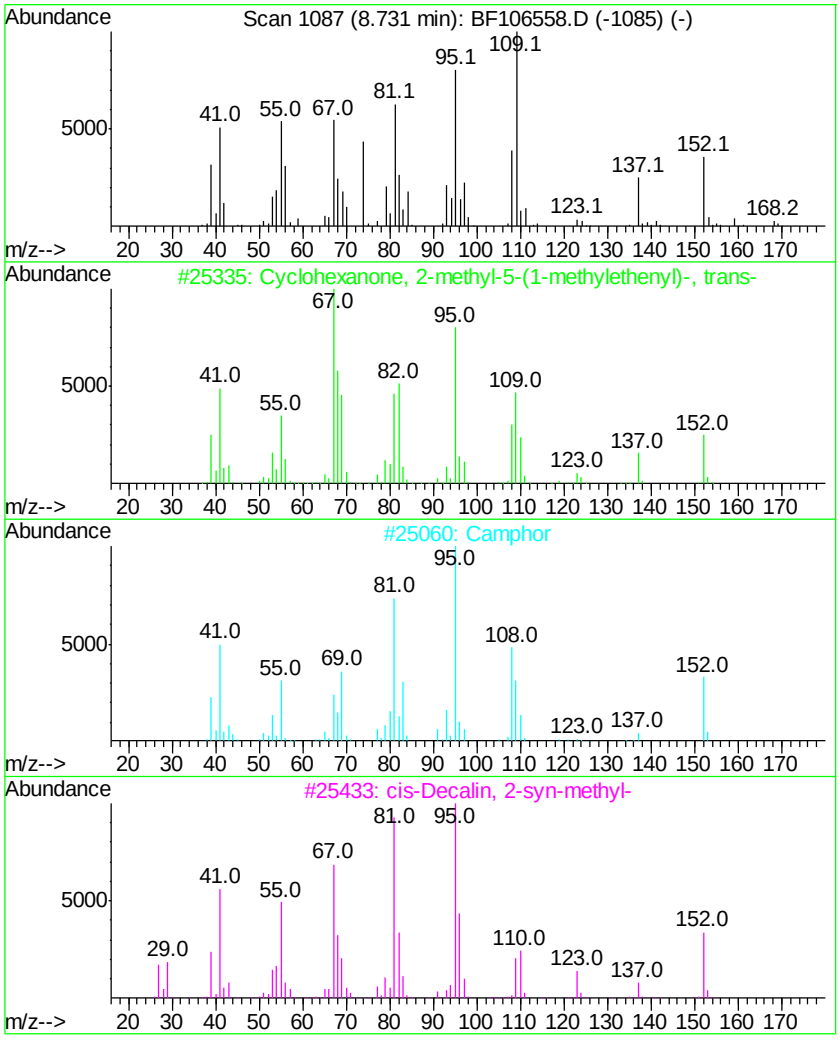
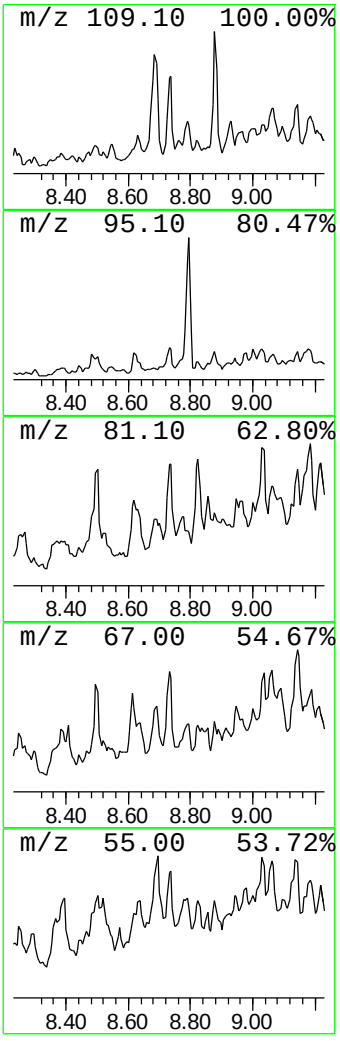
Peak Number 13 Cyclohexanone, 2-methyl-5-(... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	9.74 ng	503877	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	64
2	Camphor	152	C10H16O	000076-22-2	46
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	41
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	25





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Operator : JU/SJ
Sample : J3564-05
Misc :
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Instrument : BNA_F
ClientSampleId : W-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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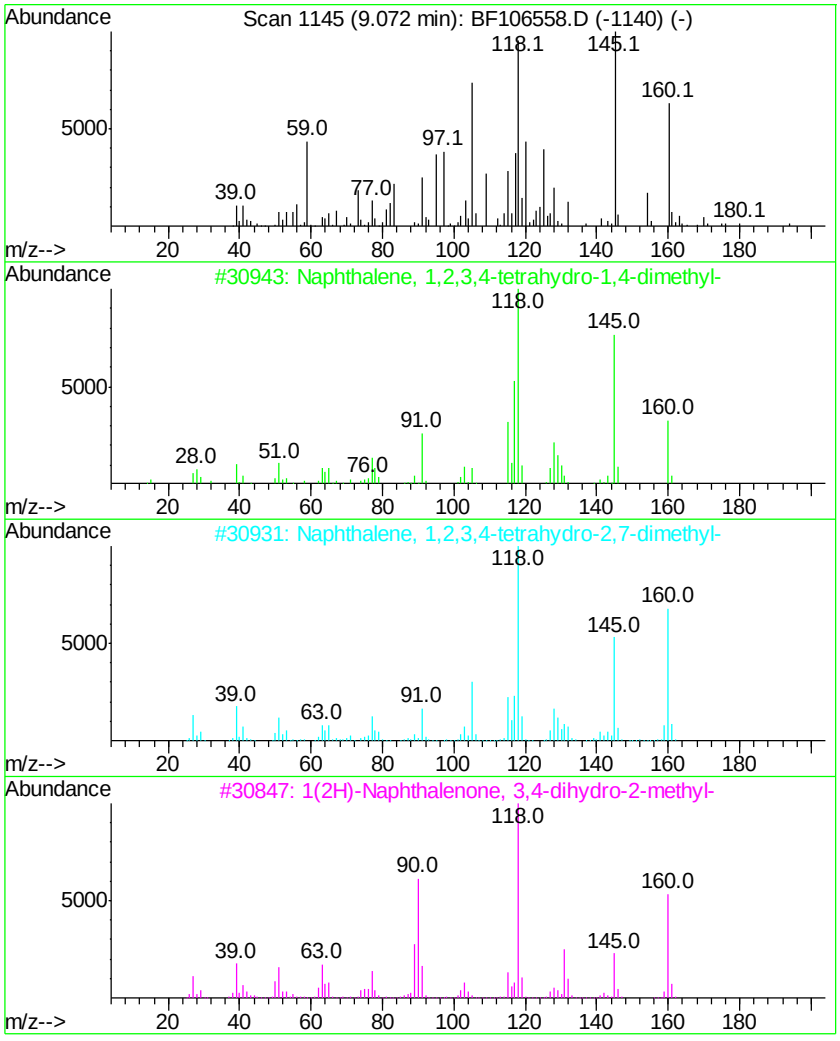
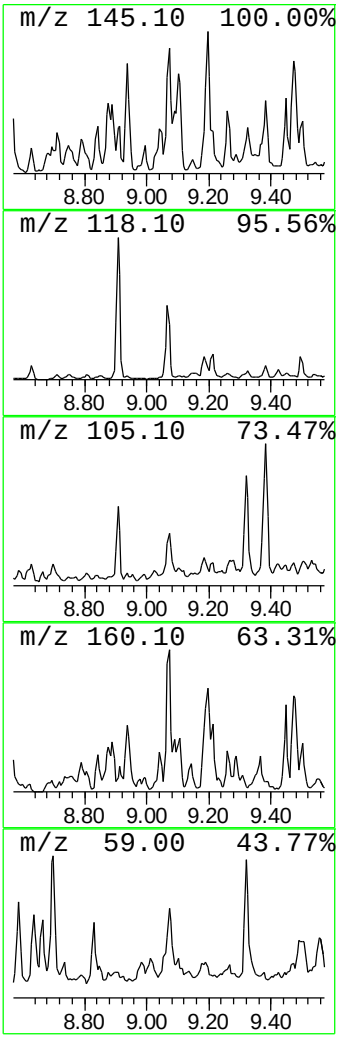
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	10.64 ng	550542	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	46
3	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	38
4	2,5-Dimethylbenzyl cyanide	145	C10H11N	016213-85-7	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	38





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Sample : J3564-05
Misc :
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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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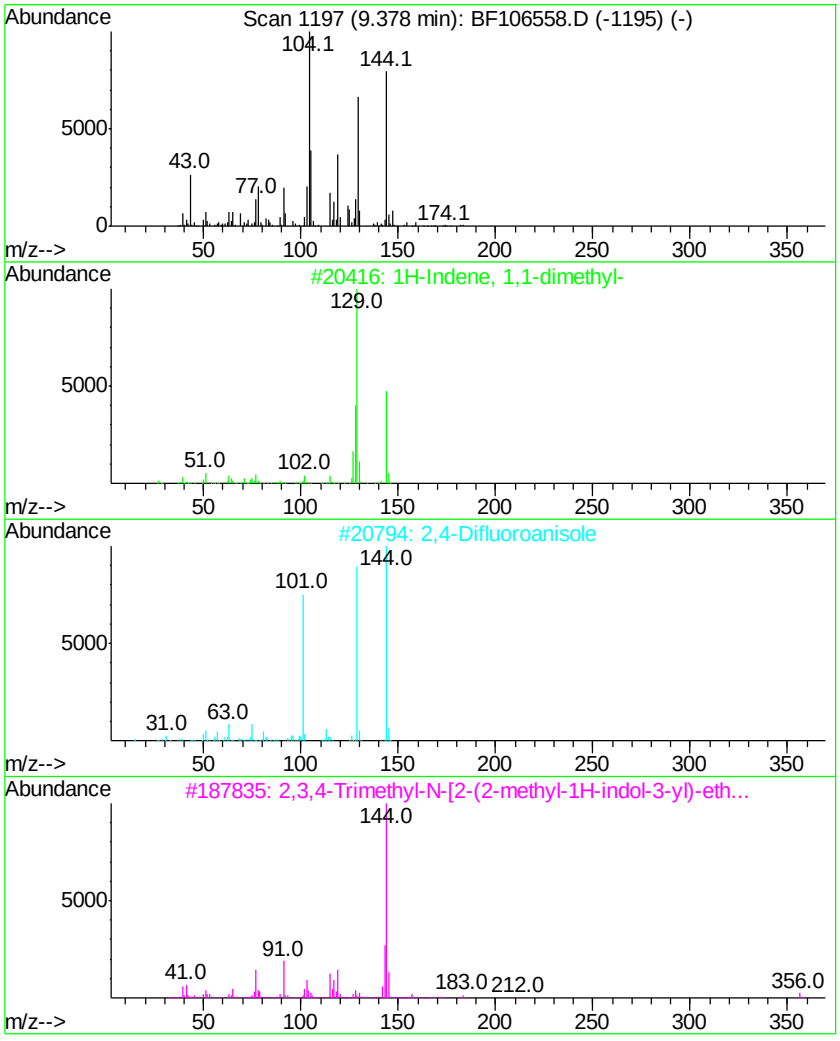
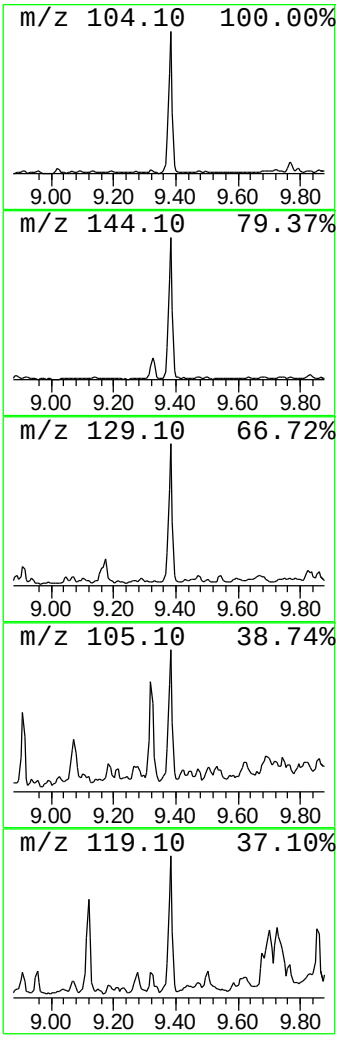
Peak Number 15 unknown9.38 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	15.39 ng	986216	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	30
2	2,4-Difluoroanisole	144	C7H6F2O	000452-10-8	30
3	2,3,4-Trimethyl-N-[2-(2-methyl-1...	356	C20H24N2O2S	1000301-23-6	27
4	2-Methylbenzyl p-toluate	240	C16H16O2	067157-61-3	27
5	1H-Pyrazole, 3-phenyl-	144	C9H8N2	002458-26-6	25





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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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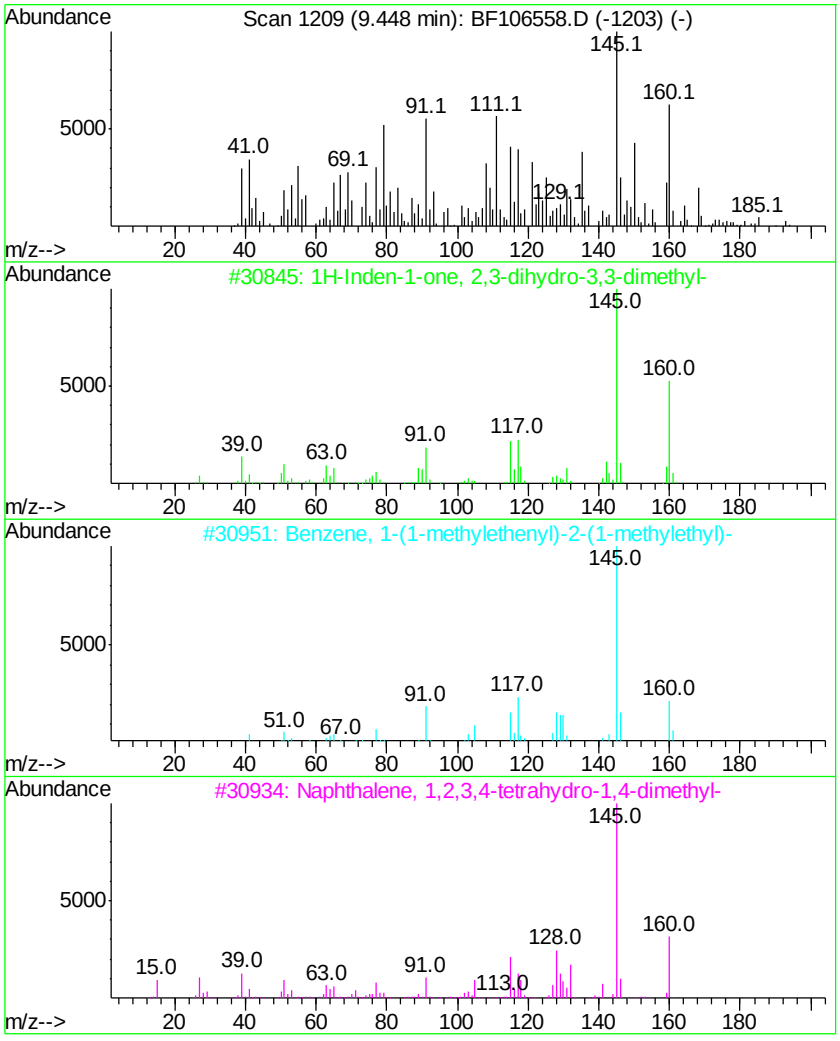
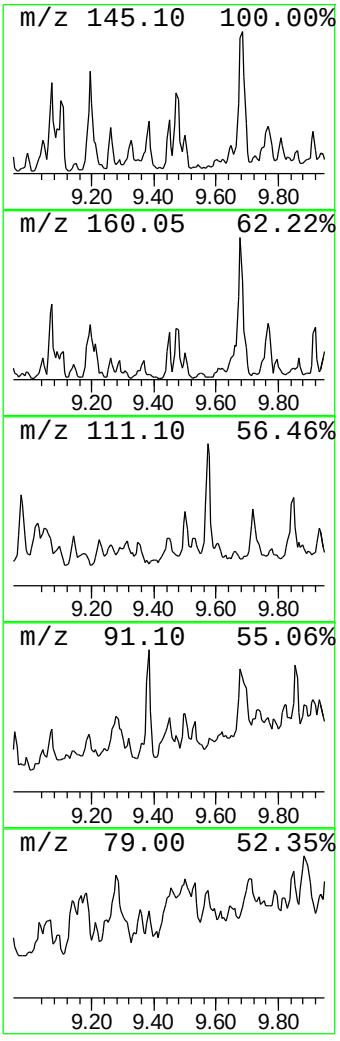
Peak Number 16 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	13.20 ng	845791	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	55
2	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	45
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	42
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	41
5	FENAZAQUIN	306	C20H22N2O	120928-09-8	38





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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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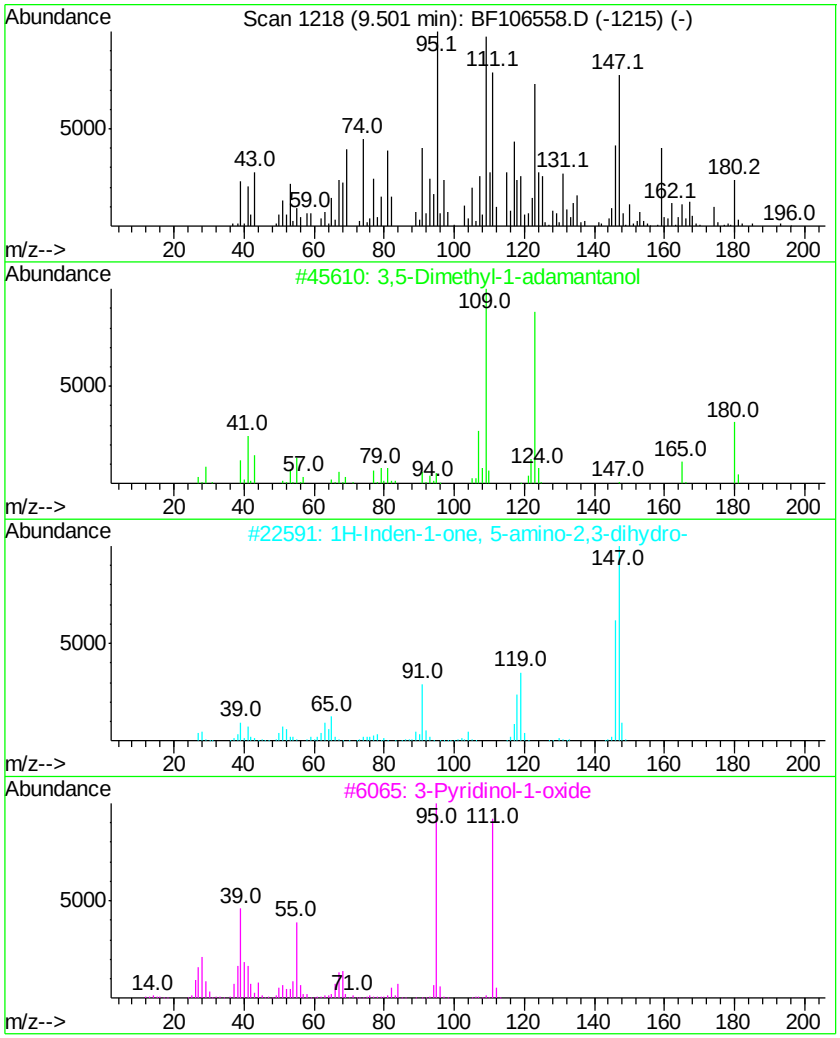
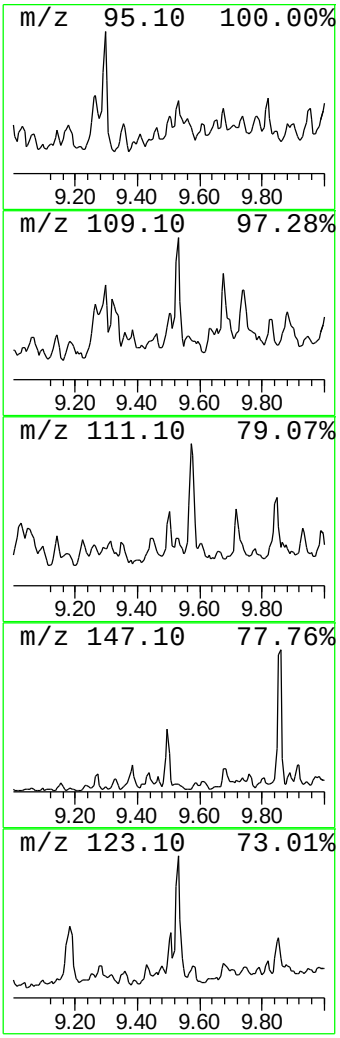
Peak Number 17 unknown9.50 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	9.74 ng	623809	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	25
2	1H-Inden-1-one, 5-amino-2,3-dihy...	147	C9H9NO	003470-54-0	25
3	3-Pyridinol-1-oxide	111	C5H5NO2	006602-28-4	14
4	(4R*,5R*,9S*)-5,9-Dimethylspiro[...	166	C11H18O	063088-19-7	12
5	2-Propenal, 3-phenylamino-	147	C9H9NO	025299-39-2	11





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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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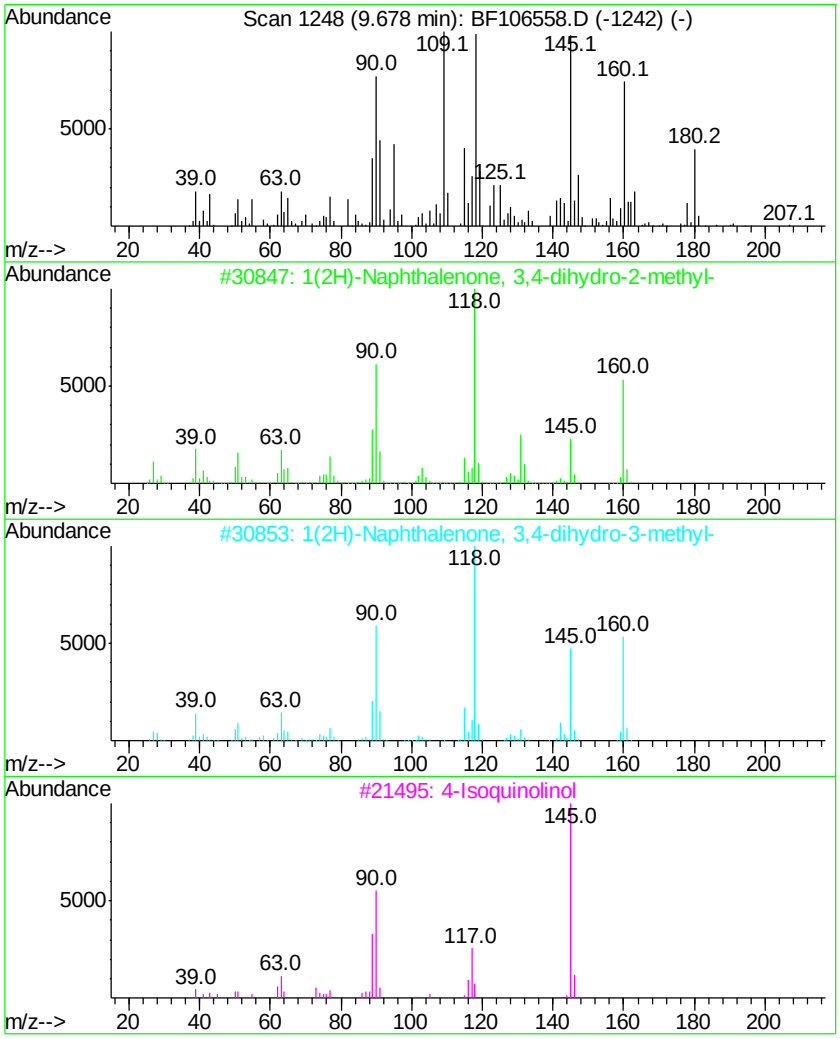
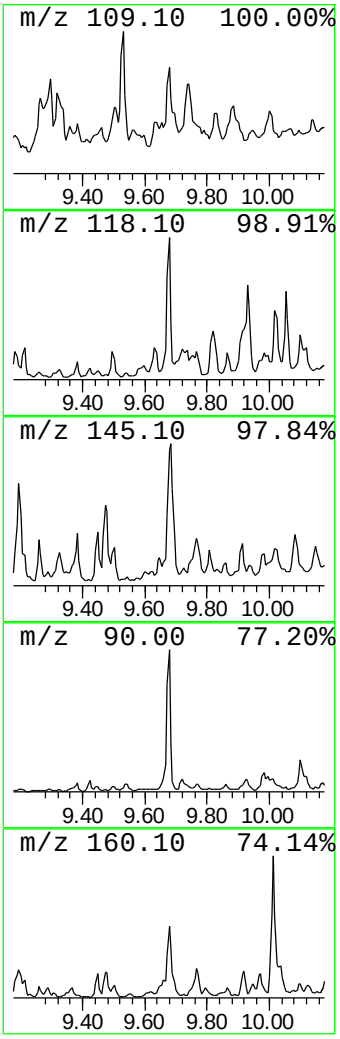
Peak Number 18 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	20.00 ng	1281420	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	58
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	49
3	4-Isoquinolinol	145	C9H7NO	003336-49-0	45
4	Oxazole, 2-phenyl-	145	C9H7NO	020662-88-8	45
5	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106558.D
Acq On : 19 Jun 2018 1:02
Operator : JU/SJ
Sample : J3564-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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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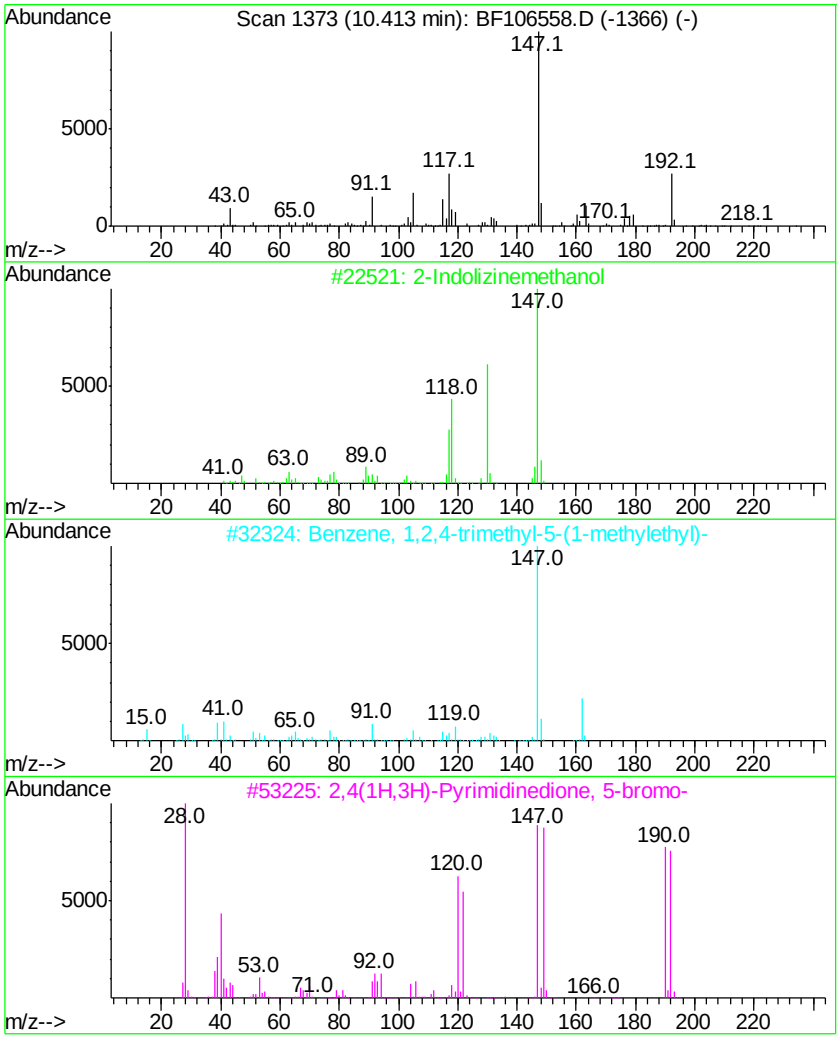
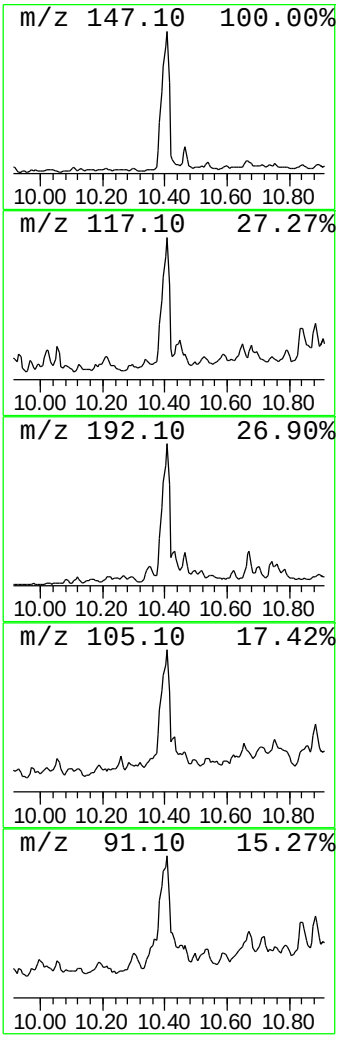
Peak Number 19 2-Indolizinemethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	37.43 ng	2397940	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Indolizinemethanol	147	C9H9NO	022320-21-4	50
2	Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	50
3	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	47
4	1-Butanone, 2-chloro-3-methyl-1-...	238	C14H19ClO	055955-90-3	47
5	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106558.D
Acq On : 19 Jun 2018 1:02
Operator : JU/SJ
Sample : J3564-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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

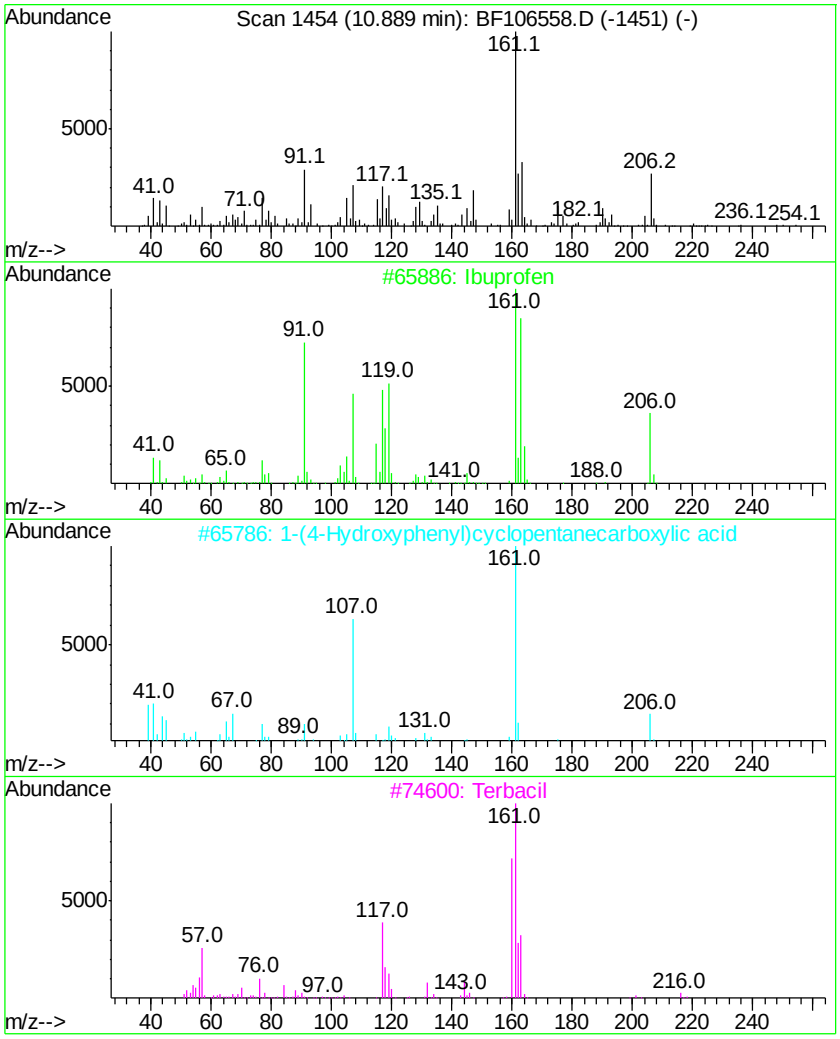
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

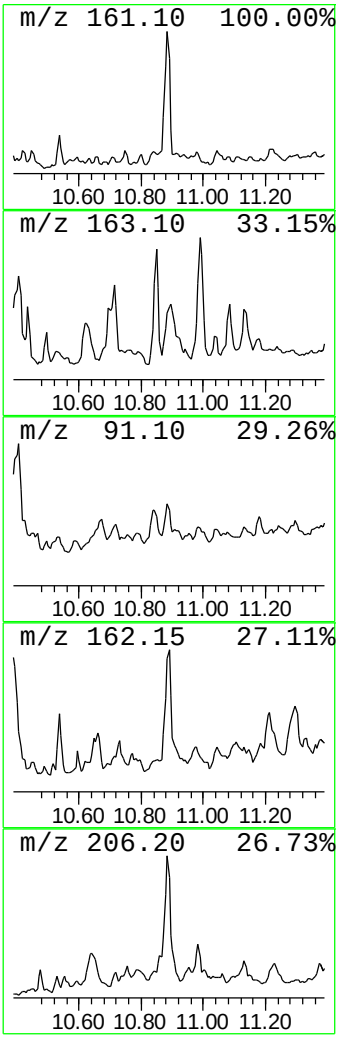
****

Peak Number 20 Ibuprofen Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	20.00 ng	631263	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ibuprofen	206	C13H18O2	015687-27-1	53
2	1-(4-Hydroxyphenyl)cyclopentanec...	206	C12H14O3	091496-64-9	49
3	Terbacil	216	C9H13ClN2O2	005902-51-2	47
4	Benzene, 1,4-bis(1-formylethyl)-	190	C12H14O2	1000160-94-8	43
5	2-(3-Thienyl)pyridine	161	C9H7NS	021298-55-5	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
Data File : BF106558.D
Acq On : 19 Jun 2018 1:02
Operator : JU/SJ
Sample : J3564-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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	61.4	ng	2119910	1	6.97	690935	20.0
Tetracyclo[3.3.1....	7.15	10.6	ng	365463	1	6.97	690935	20.0
Benzene, 1,3-diet...	7.21	10.6	ng	367329	1	6.97	690935	20.0
Benzene, 1,2-diet...	7.30	10.9	ng	376910	1	6.97	690935	20.0
Benzene, 1,2,3,5-...	7.73	17.3	ng	894412	2	8.25	1035170	20.0
Benzene, 2-chloro...	7.83	12.8	ng	659854	2	8.25	1035170	20.0
Benzene, 1,3-diet...	7.90	16.5	ng	855566	2	8.25	1035170	20.0
unknown8.37	8.37	10.0	ng	515827	2	8.25	1035170	20.0
Naphthalene, 1,2,...	8.50	16.6	ng	857891	2	8.25	1035170	20.0
2,2-Dimethylinden...	8.63	14.7	ng	762453	2	8.25	1035170	20.0
unknown8.70	8.70	25.3	ng	1308620	2	8.25	1035170	20.0
Cyclohexanone, 2-...	8.73	9.7	ng	503877	2	8.25	1035170	20.0
Naphthalene, 1,2,...	9.07	10.6	ng	550542	2	8.25	1035170	20.0
unknown9.38	9.38	15.4	ng	986216	3	10.01	1281420	20.0
1H-Inden-1-one, 2...	9.45	13.2	ng	845791	3	10.01	1281420	20.0
unknown9.50	9.50	9.7	ng	623809	3	10.01	1281420	20.0
1(2H)-Naphthaleno...	9.68	20.0	ng	1281420	3	10.01	1281420	20.0
2-Indolizinemethanol	10.41	37.4	ng	2397940	3	10.01	1281420	20.0
Ibuprofen	10.89	20.0	ng	631263	4	11.51	631263	20.0