LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106555.D
Acq On : 18 Jun 2018 23:41
Operator : JU/SJ
Sample : J3564-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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	5.195	483	486	492	rBV	78907	85017	3.42%	0.306%
2	5.613	553	557	564	rBV	1366411	1330737	53.46%	4.794%
3	5.707	570	573	576	rBV2	37910	33322	1.34%	0.120%
4	6.566	716	719	722	rVB	41613	37601	1.51%	0.135%
5	6.607	723	726	733	rVV	854977	865534	34.77%	3.118%
6	6.678	733	738	741	rVB3	20138	31753	1.28%	0.114%
7	6.748	746	750	753	rBV	2120784	2074060	83.32%	7.472%
8	6.889	771	774	777	rBV5	19512	31354	1.26%	0.113%
9	6.966	782	787	791	rBV	826391	685700	27.55%	2.470%
10	7.095	806	809	810	rBV	50426	39372	1.58%	0.142%
11	7.125	810	814	817	rVV	2074540	1908866	76.69%	6.877%
12	7.154	817	819	822	rVB	56782	43738	1.76%	0.158%
13	7.201	822	827	830	rBV4	47313	53684	2.16%	0.193%
14	7.231	830	832	839	rVB4	29527	43496	1.75%	0.157%
15	7.313	843	846	849	rBV	132190	101087	4.06%	0.364%
16	7.360	851	854	856	rBV2	42194	37515	1.51%	0.135%
17	7.401	858	861	863	rBV	49040	39210	1.58%	0.141%
18	7.454	867	870	871	rBV2	39679	37456	1.50%	0.135%
19	7.478	871	874	878	rBV2	120216	129283	5.19%	0.466%
20	7.531	878	883	886	rBV	1688557	1598312	64.21%	5.758%
21	7.578	889	891	893	rVB	63758	47073	1.89%	0.170%
22	7.607	893	896	900	rBV3	69746	83876	3.37%	0.302%
23	7.648	900	903	904	rBV2	46827	50464	2.03%	0.182%
24	7.660	904	905	907	rVB	66829	42342	1.70%	0.153%
25	7.683	907	909	911	rBV2	44965	37527	1.51%	0.135%
26	7.748	918	920	921	rBV	40173	30803	1.24%	0.111%
27	7.772	921	924	929	rVB3	87051	119450	4.80%	0.430%
28	7.825	929	933	940	rVB	192435	234385	9.42%	0.844%
29	7.878	940	942	944	rBV3	39721	41431	1.66%	0.149%
30	7.907	944	947	952	rVB5	56307	83880	3.37%	0.302%
31	7.978	952	959	960	rBV2	76382	113408	4.56%	0.409%
32	7.995	960	962	965	rVV3	55049	63097	2.53%	0.227%
33	8.048	968	971	974	rBV2	80178	82133	3.30%	0.296%
34	8.107	978	981	983	rBV3	35348	34680	1.39%	0.125%

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Instrument : BNA_F
ClientSampleId : MW-17

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

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Peak separation: 5

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

35	8.154	983	989	992	rBV2	97649	122477	4.92%	0.441%
36	8.183	992	994	997	rVB2	109749	100316	4.03%	0.361%
37	8.213	997	999	1001	rBV2	43437	45077	1.81%	0.162%
38	8.248	1001	1005	1010	rVV	1046521	909545	36.54%	3.277%
39	8.295	1010	1013	1017	rVB4	94081	112158	4.51%	0.404%
40	8.360	1020	1024	1026	rBV4	78943	90095	3.62%	0.325%
41	8.401	1026	1031	1033	rBV3	100410	114842	4.61%	0.414%
42	8.495	1044	1047	1049	rVB2	154104	115273	4.63%	0.415%
43	8.525	1049	1052	1057	rVB6	53860	89462	3.59%	0.322%
44	8.566	1057	1059	1060	rBV	78037	68645	2.76%	0.247%
45	8.625	1064	1069	1073	rBV7	78411	142572	5.73%	0.514%
46	8.689	1077	1080	1083	rBV3	156456	183369	7.37%	0.661%
47	8.730	1084	1087	1091	rVB3	194563	203482	8.17%	0.733%
48	8.789	1091	1097	1098	rBV	257762	304610	12.24%	1.097%
49	8.848	1105	1107	1109	rBV2	49073	41122	1.65%	0.148%
50	8.872	1109	1111	1113	rVV	99628	71500	2.87%	0.258%
51	8.966	1122	1127	1129	rBV4	81660	141137	5.67%	0.508%
52	8.995	1129	1132	1134	rVV2	79850	77552	3.12%	0.279%
53	9.066	1140	1144	1147	rBV4	89915	143670	5.77%	0.518%
54	9.107	1149	1151	1155	rVV3	158432	155125	6.23%	0.559%
55	9.172	1158	1162	1166	rBV6	67435	143009	5.75%	0.515%
56	9.207	1166	1168	1171	rVB2	121522	113252	4.55%	0.408%
57	9.248	1171	1175	1178	rBV2	306207	333407	13.39%	1.201%
58	9.289	1179	1182	1184	rBV	248121	218159	8.76%	0.786%
59	9.325	1184	1188	1191	rVB	2630671	2489210	100.00%	8.968%
60	9.354	1191	1193	1194	rBV	90096	80278	3.23%	0.289%
61	9.372	1194	1196	1199	rVB	438465	343993	13.82%	1.239%
62	9.407	1199	1202	1204	rBV4	61903	71773	2.88%	0.259%
63	9.430	1204	1206	1208	rBV3	68326	69541	2.79%	0.251%
64	9.519	1219	1221	1225	rVB2	237833	231280	9.29%	0.833%
65	9.554	1225	1227	1229	rBV	83819	63988	2.57%	0.231%
66	9.672	1244	1247	1250	rBV	433357	380663	15.29%	1.371%
67	9.713	1252	1254	1261	rVB3	208191	276722	11.12%	0.997%
68	9.783	1263	1266	1268	rBV4	91262	90397	3.63%	0.326%
69	9.813	1268	1271	1275	rBV3	151300	253967	10.20%	0.915%
70	9.848	1275	1277	1281	rVB3	158293	142176	5.71%	0.512%
71	9.919	1287	1289	1296	rVB6	114658	205255	8.25%	0.739%

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72	9.977	1297	1299	1301	rBV3	118814	135513	5.44%	0.488%
73	10.007	1301	1304	1309	rVB	770650	672291	27.01%	2.422%
74	10.242	1340	1344	1347	rBV	263770	337008	13.54%	1.214%
75	10.330	1355	1359	1361	rBV3	324974	377173	15.15%	1.359%
76	10.371	1362	1366	1368	rBV3	541702	571012	22.94%	2.057%
77	10.395	1368	1370	1372	rVB2	161646	119437	4.80%	0.430%
78	10.695	1419	1421	1424	rBV4	107560	125942	5.06%	0.454%
79	10.771	1431	1434	1437	rBV2	376136	431718	17.34%	1.555%
80	10.807	1437	1440	1443	rVB	1198816	1046960	42.06%	3.772%
81	11.383	1535	1538	1541	rBV3	325072	370091	14.87%	1.333%
82	11.501	1555	1558	1561	rBV	581954	539988	21.69%	1.945%
83	12.036	1647	1649	1652	rVB2	300710	255271	10.26%	0.920%
84	12.813	1779	1781	1785	rVB	200300	195764	7.86%	0.705%
85	13.089	1824	1828	1831	rBV	2210264	2128974	85.53%	7.670%
86	14.154	2005	2009	2012	rVB	863916	738903	29.68%	2.662%
87	15.689	2265	2270	2277	rVB	540266	700548	28.14%	2.524%

Sum of corrected areas: 27757338

LSC Report - Integrated Chromatogram

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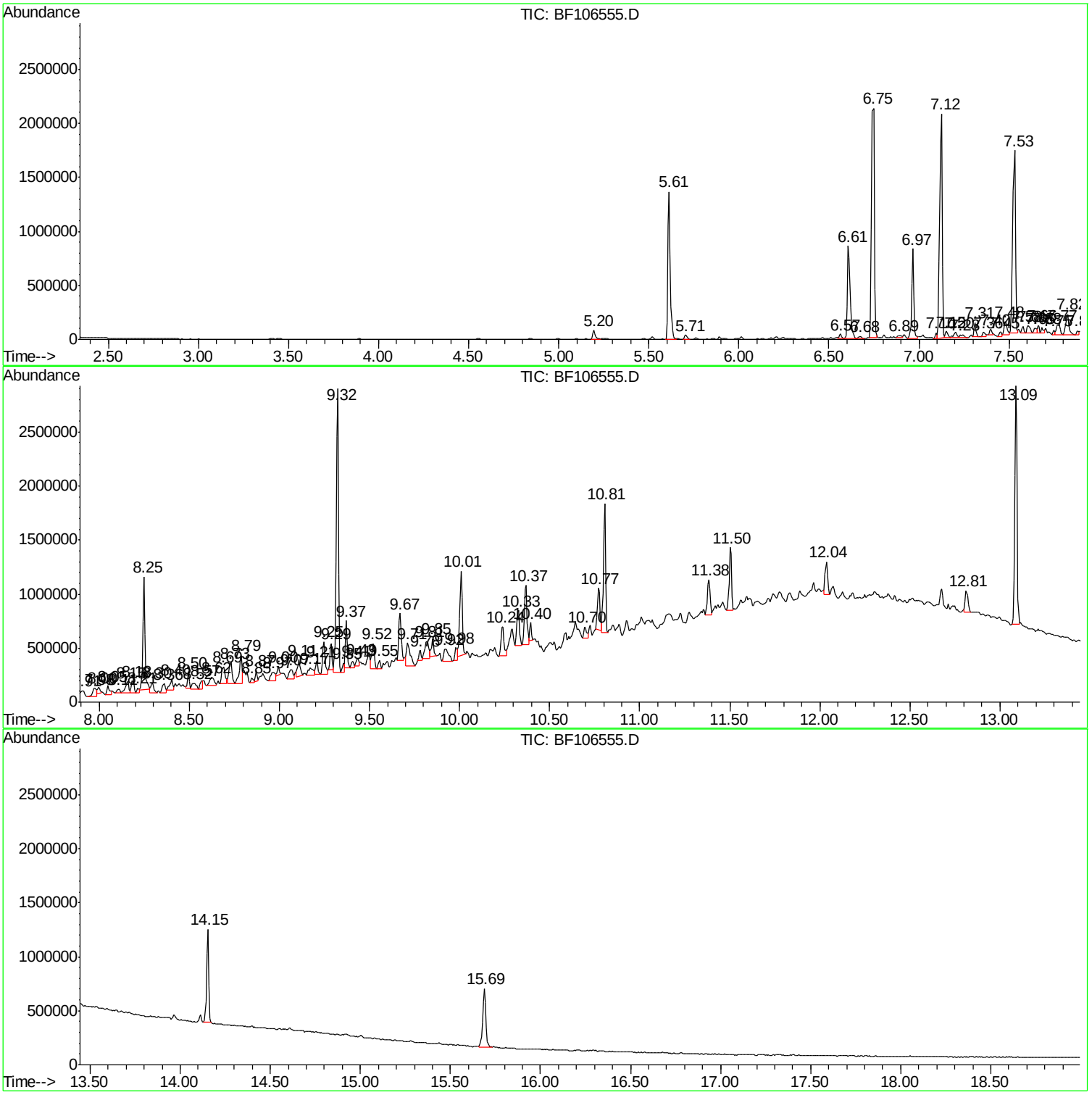
Operator : JU/SJ
Sample : J3564-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17

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 : BF106555.D
Acq On : 18 Jun 2018 23:41
Operator : JU/SJ
Sample : J3564-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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

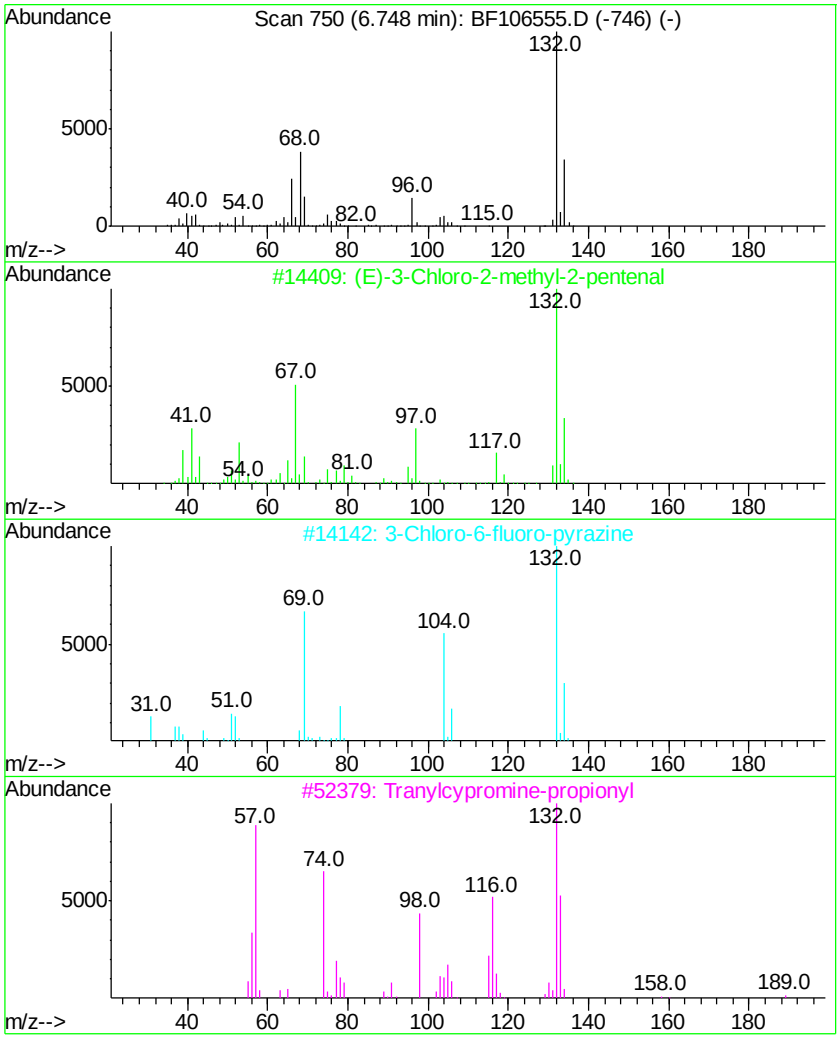
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

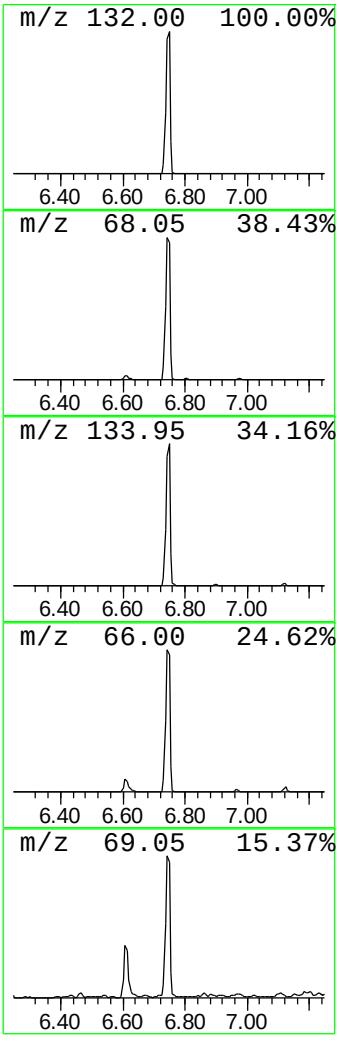
****

Peak Number 1 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	60.49 ng	2074060	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106555.D
Acq On : 18 Jun 2018 23:41
Operator : JU/SJ
Sample : J3564-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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

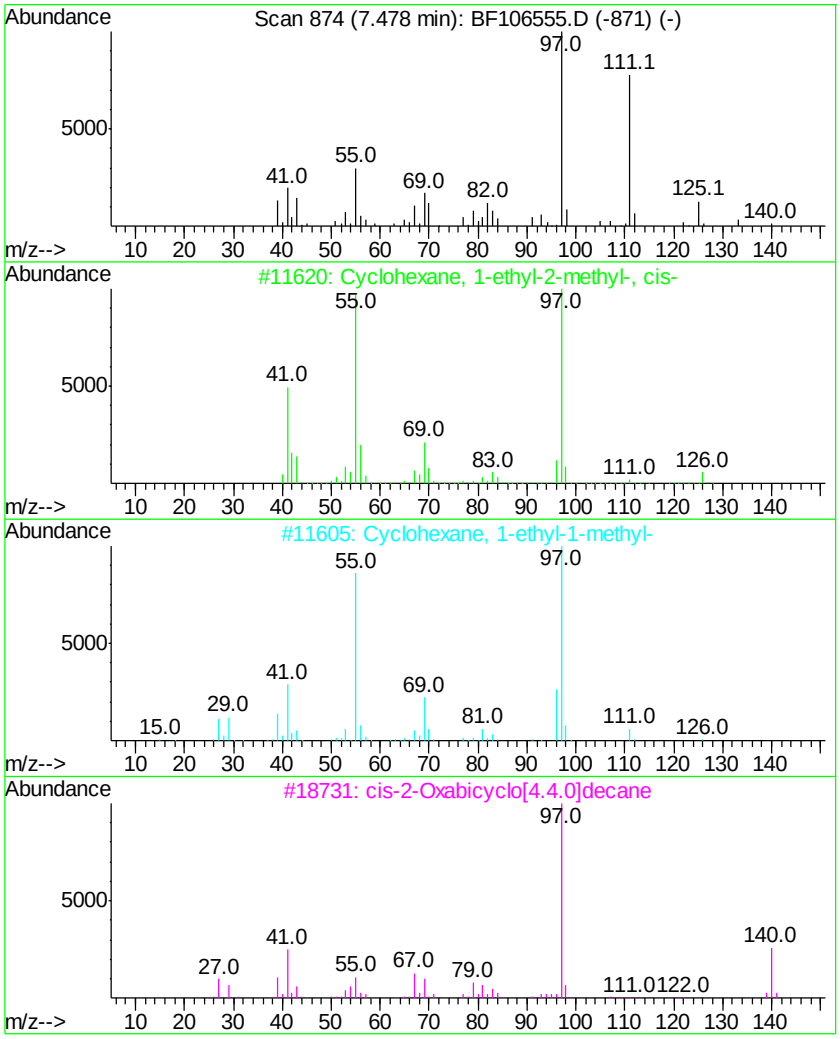
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

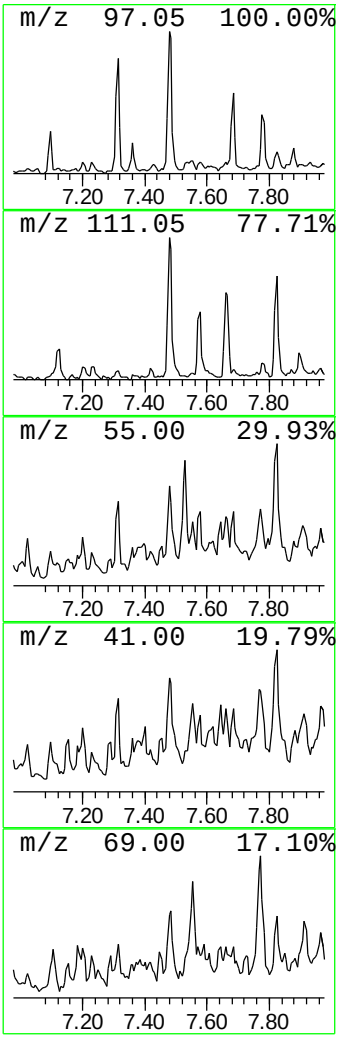
****

Peak Number 3 unknown7.48 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	3.77 ng	129283	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	43
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38
3	cis-2-Oxabicyclo[4.4.0]decane	140	C9H16O	060416-19-5	38
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	38
5	trans-2-Oxabicyclo[4.4.0]decane	140	C9H16O	059958-46-2	35





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
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TIC Library : C:\DATABASE\NIST11.L
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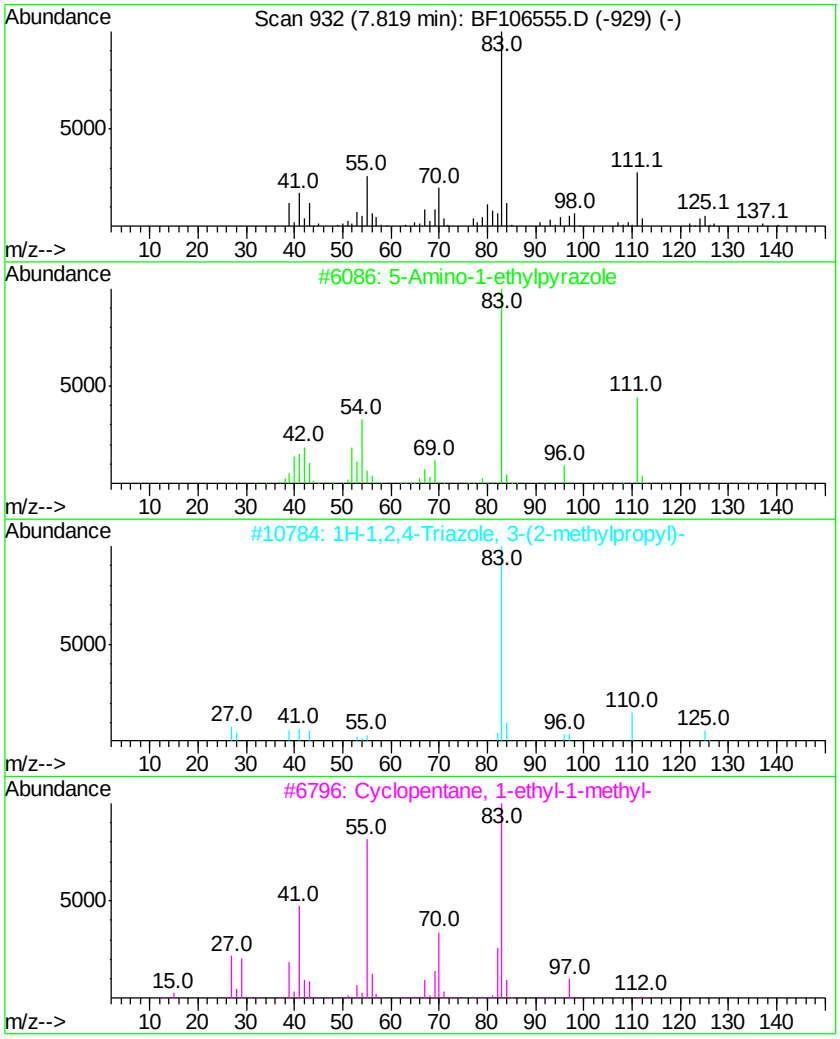
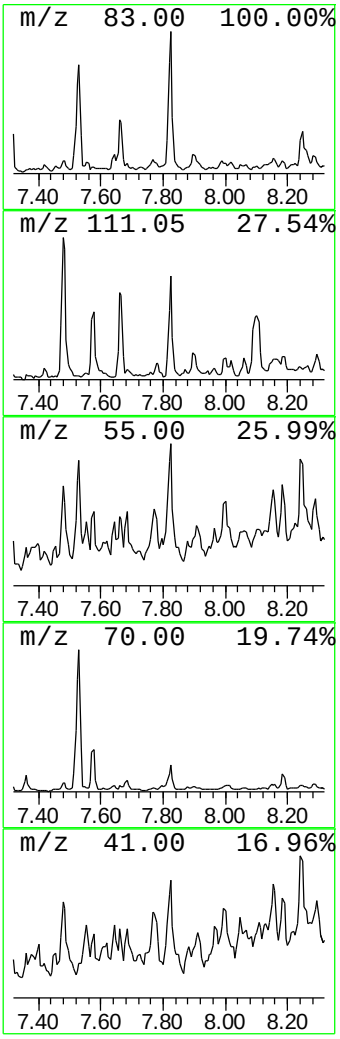
Peak Number 4 5-Amino-1-ethylpyrazole Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	5.15 ng	234385	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	53
2	1H-1,2,4-Triazole, 3-(2-methylpr...	125	C6H11N3	040515-29-5	47
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	45
4	2-Propanone, 1-cyclopentyl-3-eth...	170	C10H18O2	051149-71-4	42
5	Cyclohexanecarboxylic acid, 3,5-...	240	C13H14F2O2	1000293-69-2	40





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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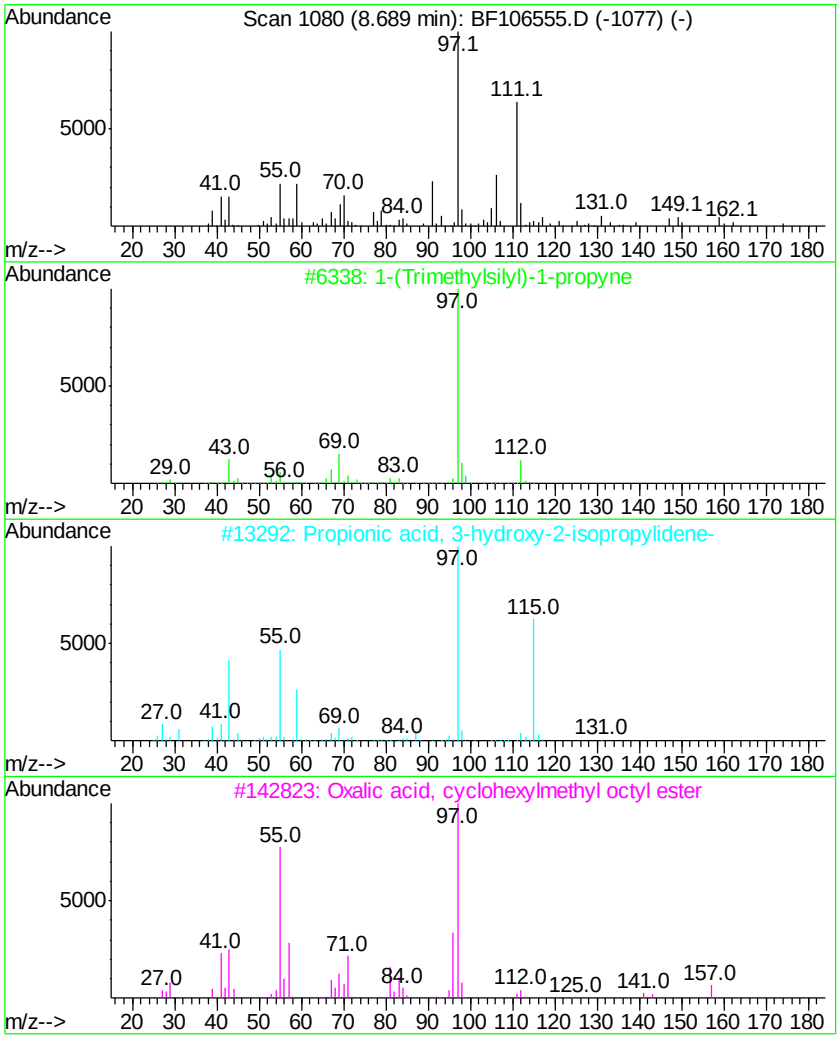
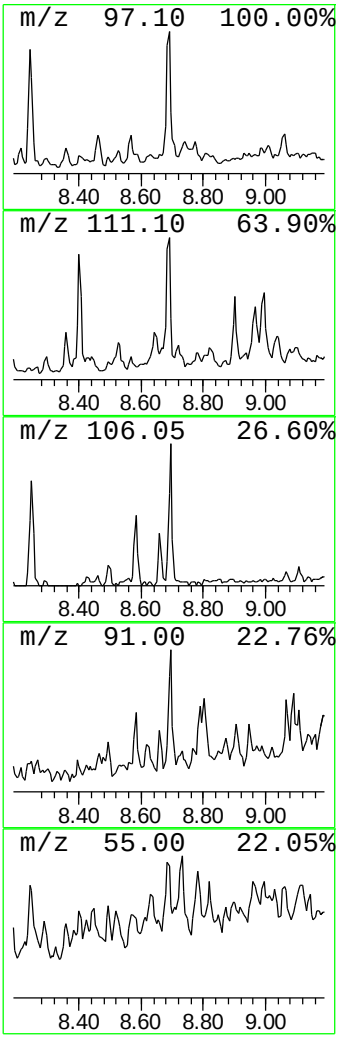
Peak Number 5 unknown8.69 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	4.03 ng	183369	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	38
2	Propionic acid, 3-hydroxy-2-isop...	130	C6H10O3	1000153-27-1	38
3	Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	35
4	1,2-Butanediol, 1-(2-furyl)-	156	C8H12O3	004208-60-0	32
5	Ethanone, 1-(3,4-dihydro-6-methy...	140	C8H12O2	028450-02-4	27





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Instrument : BNA_F
ClientSampleId : MW-17

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

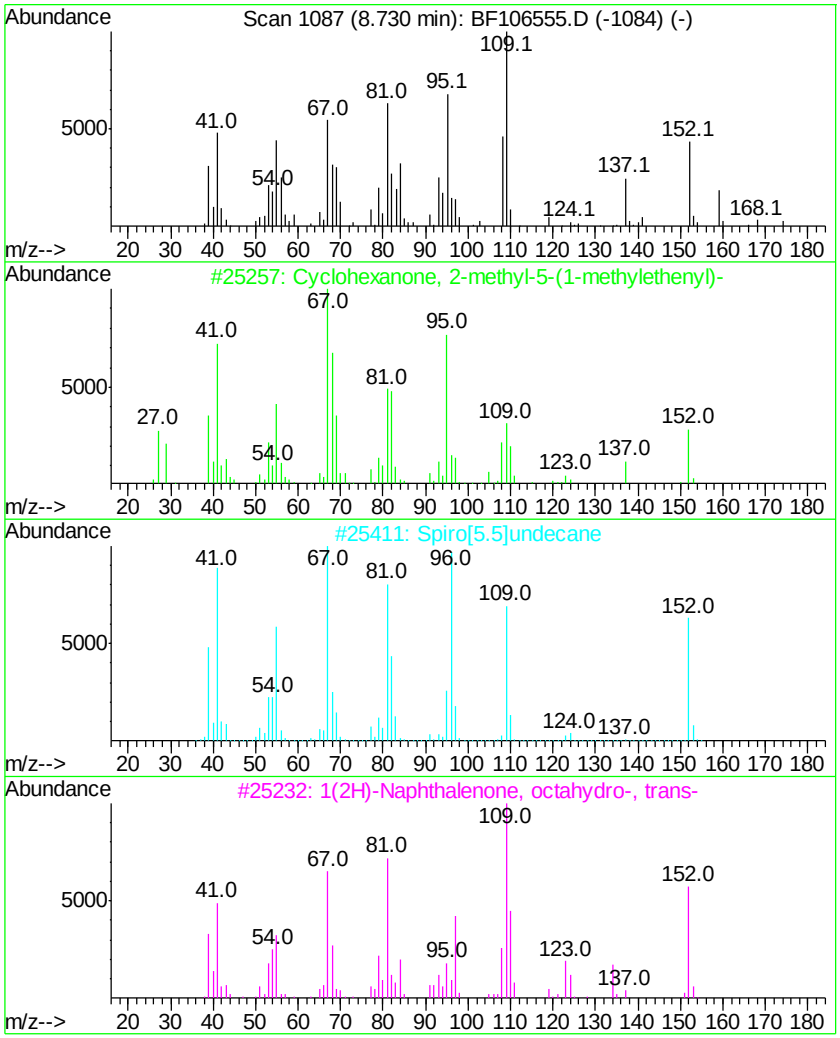
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

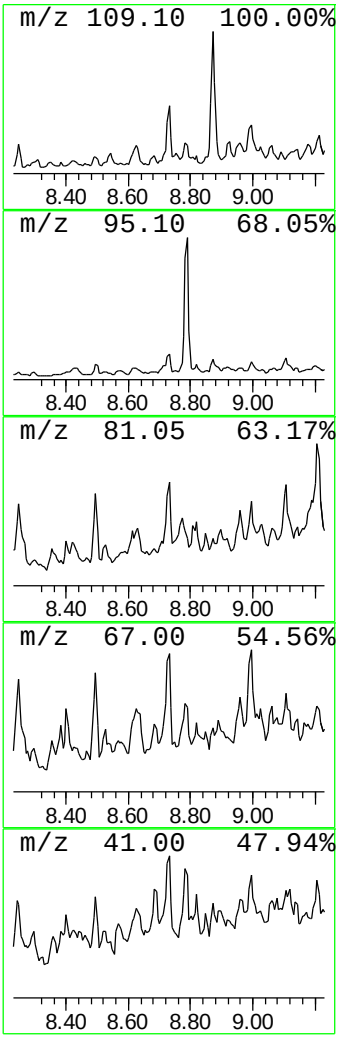
****

Peak Number 6 Cyclohexanone, 2-methyl-5-(... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	4.47 ng	203482	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	55
2	Spiro[5.5]undecane	152	C11H20	000180-43-8	51
3	1(2H)-Naphthalenone, octahydro-,...	152	C10H16O	021370-71-8	49
4	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	49
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-17

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
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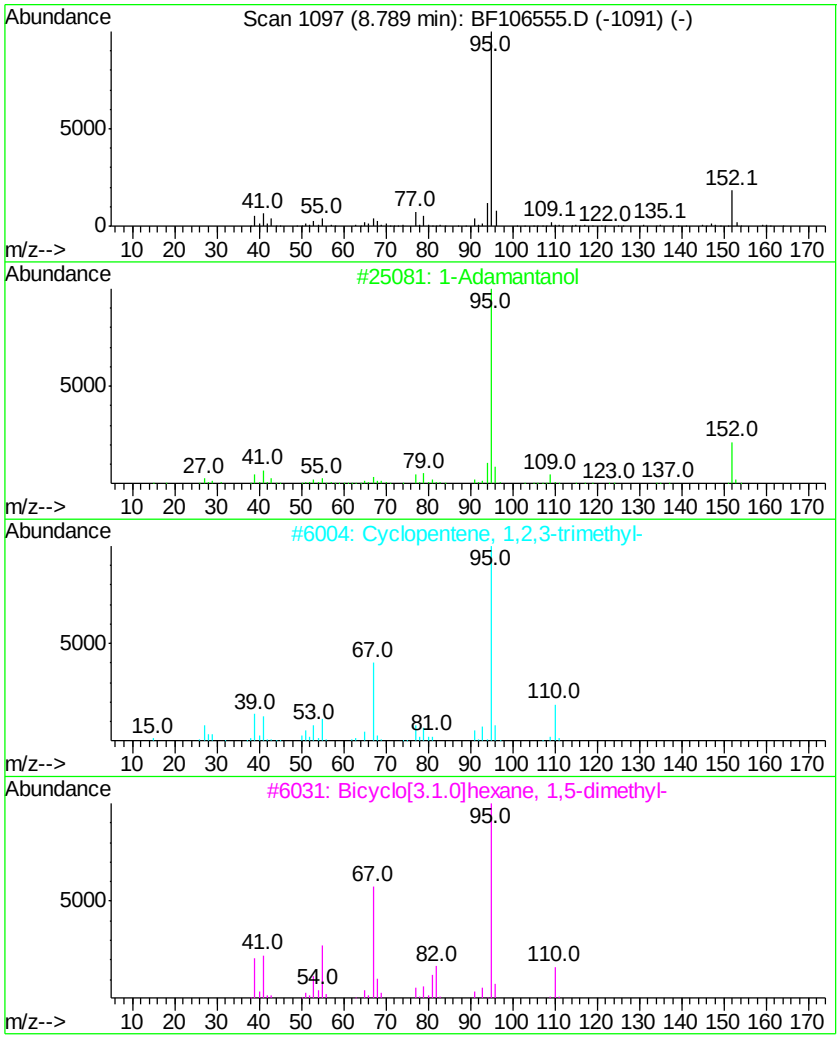
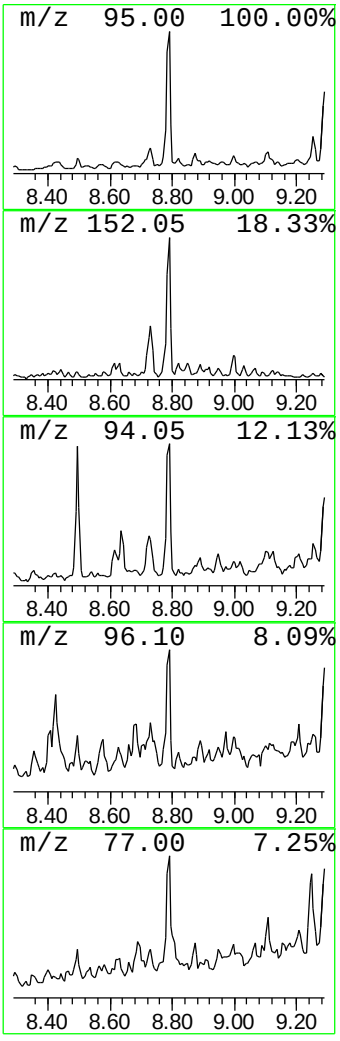
****

Peak Number 7 1-Adamantanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	6.70 ng	304610	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	91
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	50
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	39
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	39
5	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	38





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Acq On : 18 Jun 2018 23:41
Operator : JU/SJ
Sample : J3564-03
Misc :
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Instrument : BNA_F
ClientSampleId : MW-17

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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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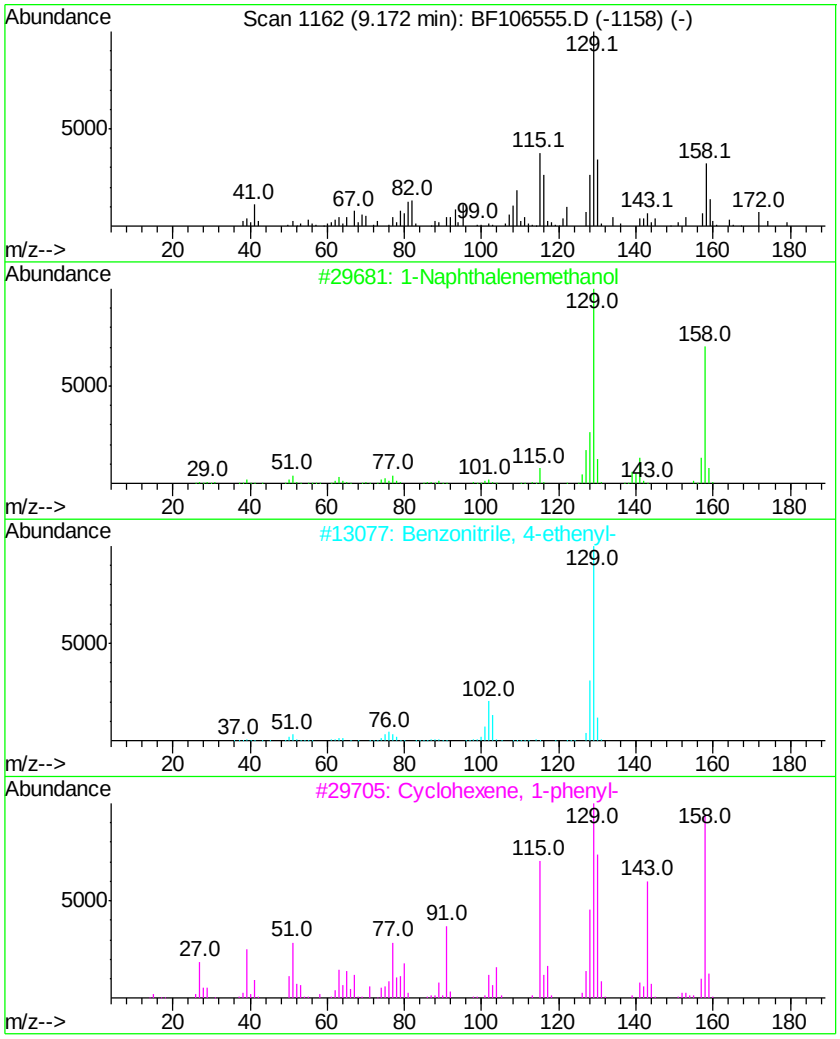
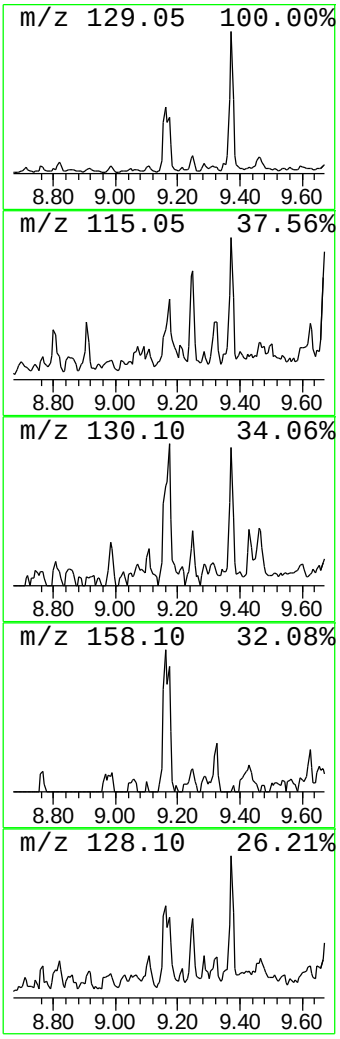
Peak Number 8 unknown9.17 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	4.25 ng	143009	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanol	158	C11H10O	004780-79-4	42
2	Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	38
3	Cyclohexene, 1-phenyl-	158	C12H14	000771-98-2	35
4	Cyclohexanecarboxylic acid, 2-(1...	184	C11H20O2	027392-16-1	23
5	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	23





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : MW-17

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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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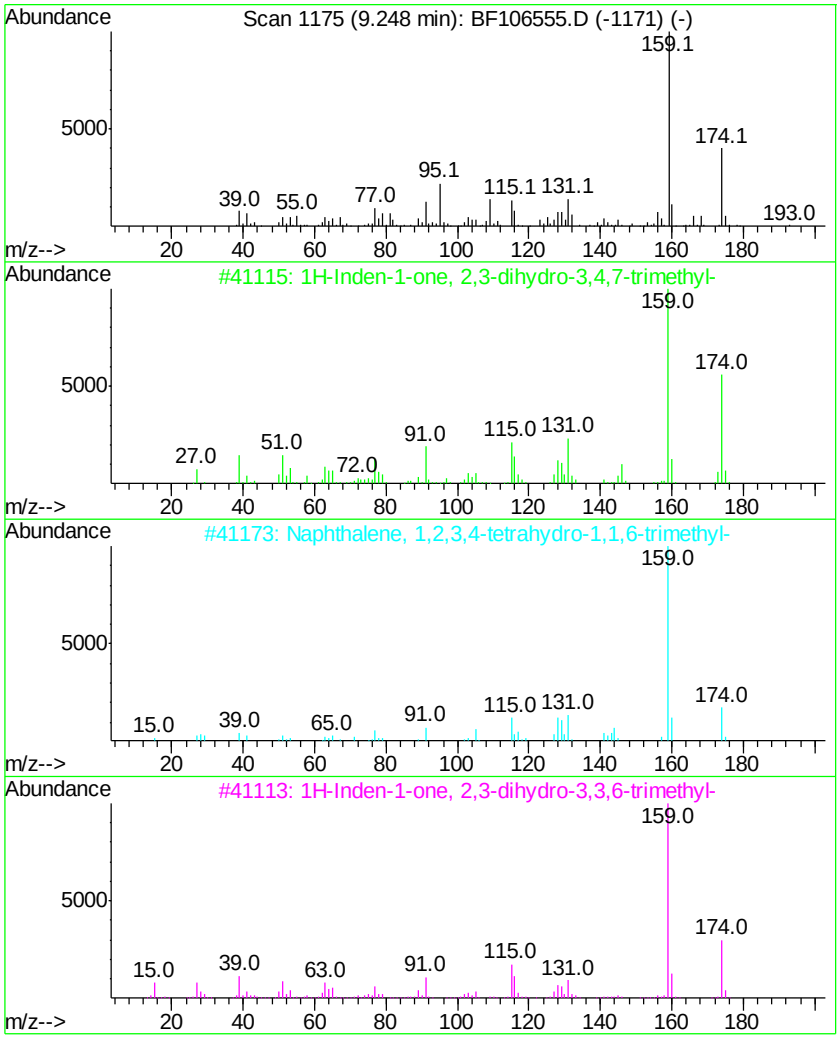
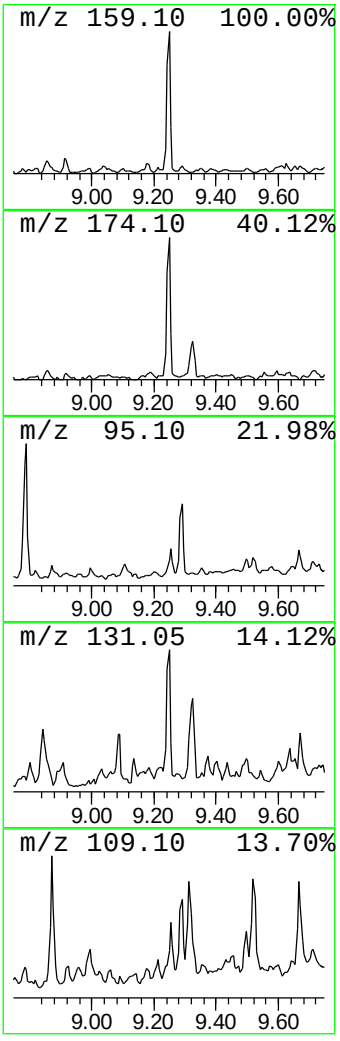
Peak Number 9 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	9.92 ng	333407	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	70
3	1H-Inden-1-one, 2,3-dihydro-3,3,...	174	C12H14O	054484-71-8	68
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	62
5	4-(Diethylamino)benzonitrile	174	C11H14N2	002873-90-7	59





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Instrument : BNA_F
ClientSampleId : MW-17

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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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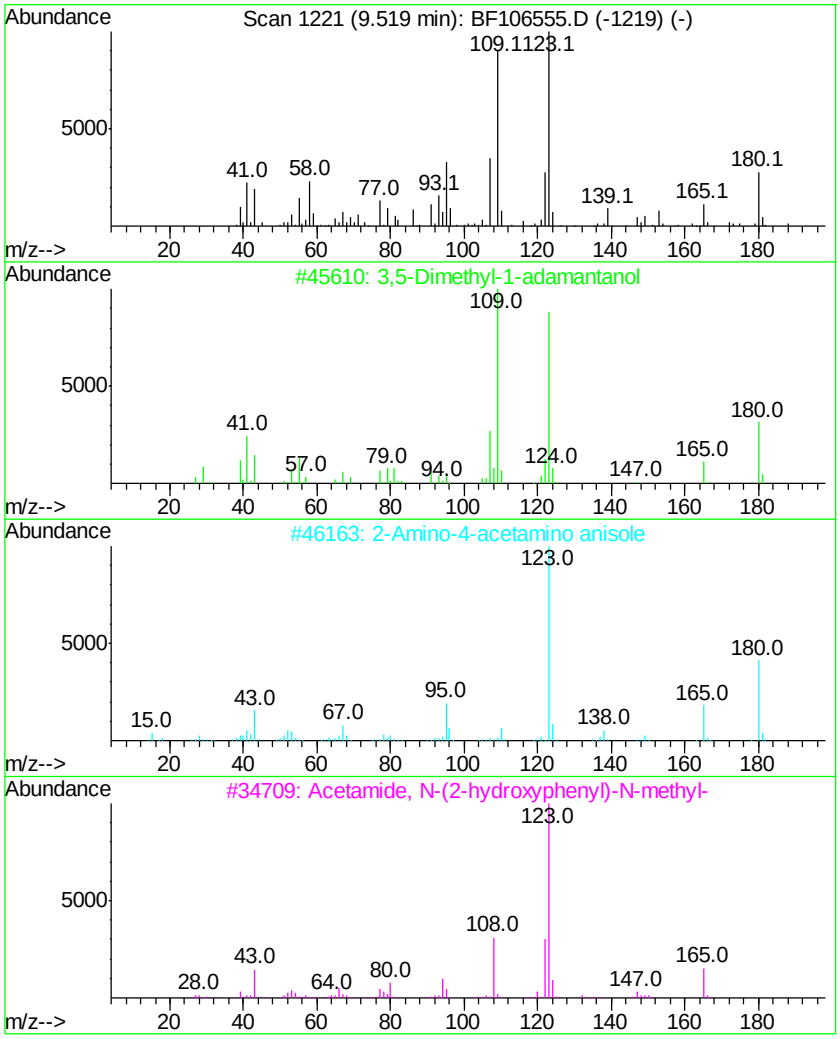
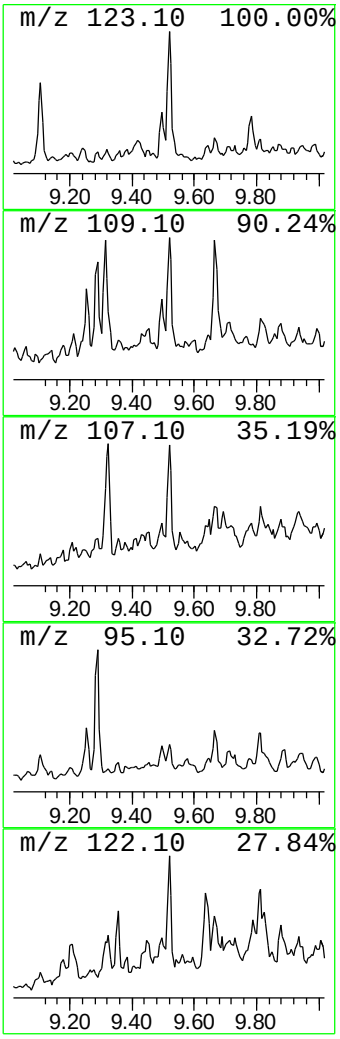
Peak Number 10 3,5-Dimethyl-1-adamantanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	6.88 ng	231280	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	76
2	2-Amino-4-acetamino anisole	180	C9H12N2O2	006375-47-9	45
3	Acetamide, N-(2-hydroxyphenyl)-N...	165	C9H11NO2	000573-27-3	30
4	1-(1-Butynyl)cyclopentanol	138	C9H14O	1000342-86-5	27
5	Tetrazole, 1-phenyl-5-(4-fluorob...	314	C15H11FN4OS	296273-83-1	22





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Operator : JU/SJ
Sample : J3564-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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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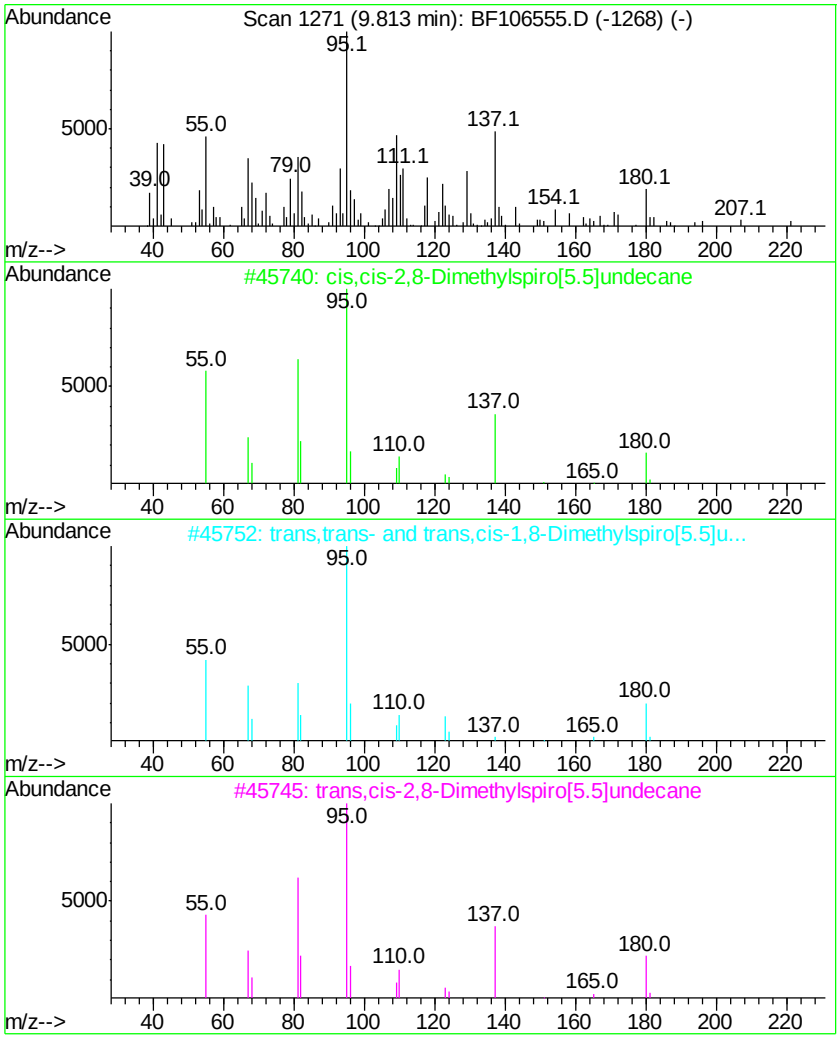
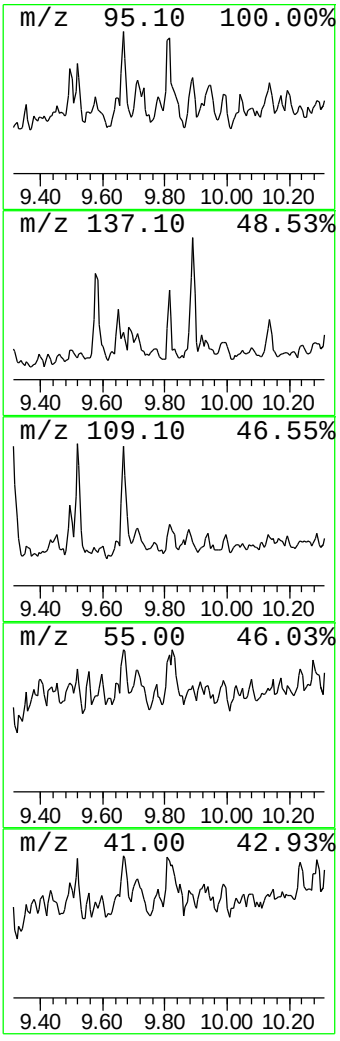
Peak Number 11 unknown9.81 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	7.56 ng	253967	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,cis-2,8-Dimethylspiro[5.5]un...	180	C13H24	095530-75-9	43
2	trans,trans- and trans,cis-1,8-D...	180	C13H24	1000111-73-2	38
3	trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	30
4	trans,trans-2,8-Dimethylspiro[5....	180	C13H24	095530-76-0	27
5	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	25





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-17

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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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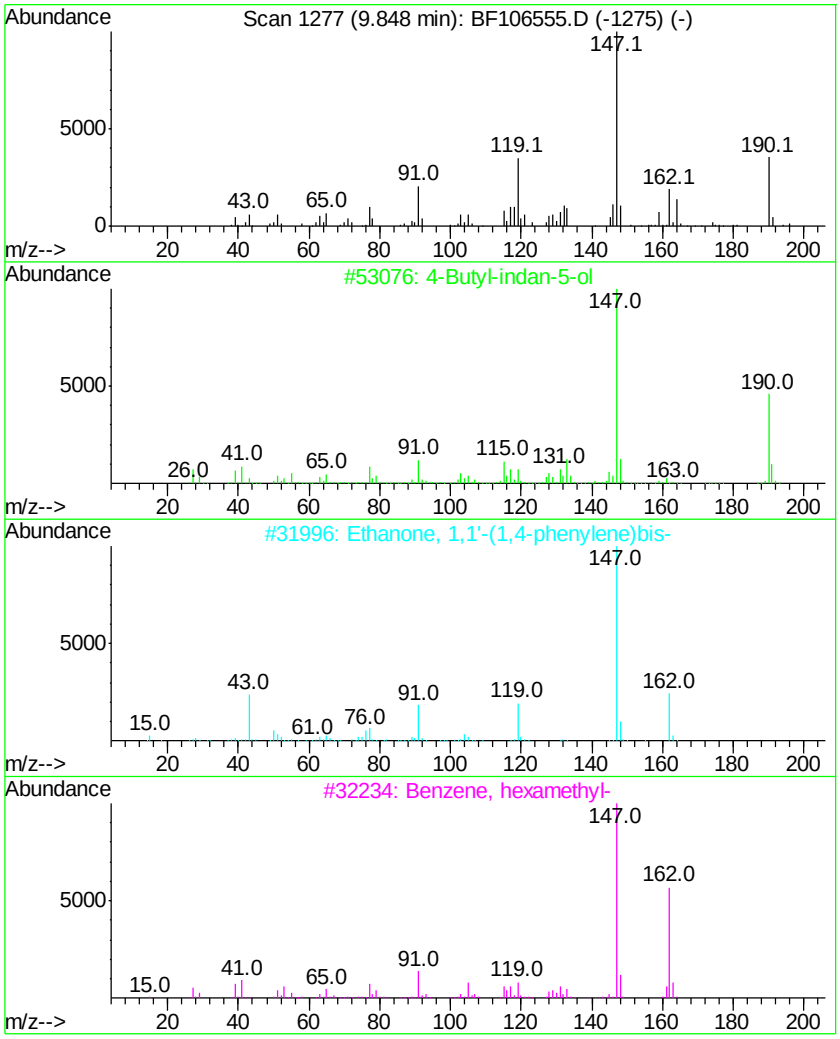
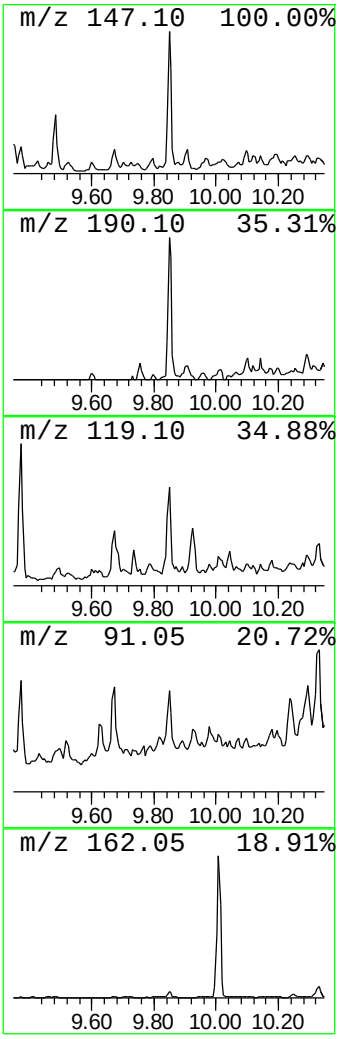
Peak Number 12 4-Butyl-indan-5-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	4.23 ng	142176	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butyl-indan-5-ol	190	C13H18O	1000194-67-3	64
2	Ethanone, 1,1'-(1,4-phenylene)bis-	162	C10H10O2	001009-61-6	60
3	Benzene, hexamethyl-	162	C12H18	000087-85-4	58
4	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	58
5	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	58





Library Search Compound Report

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Sample : J3564-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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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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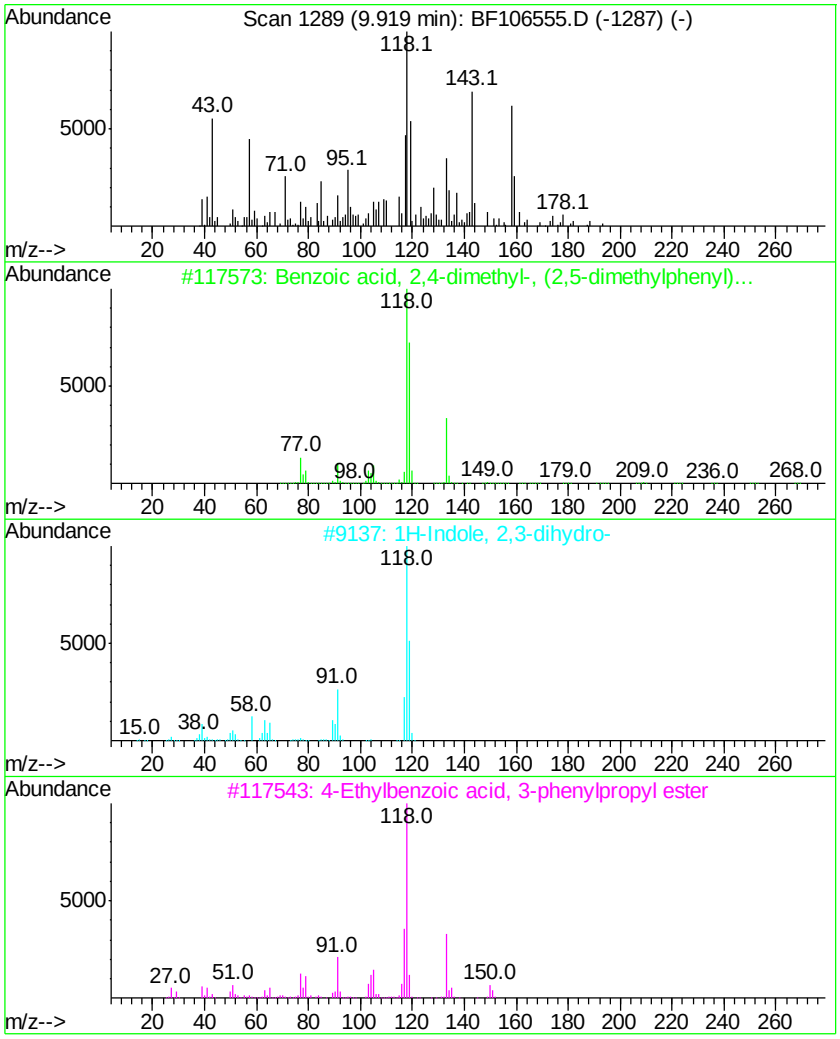
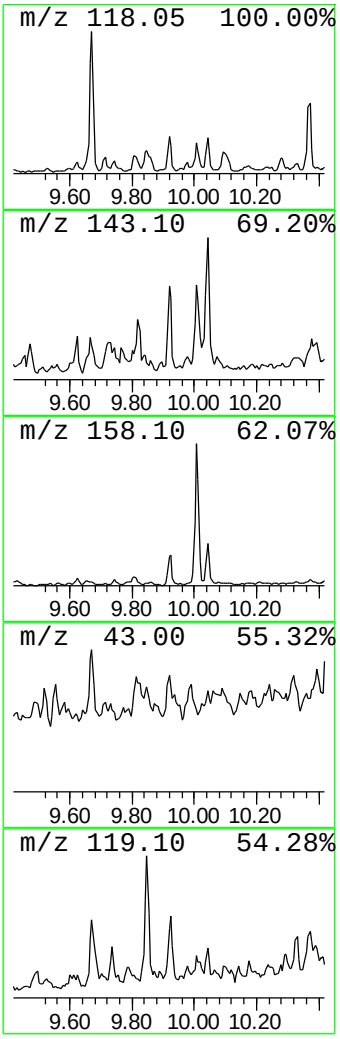
Peak Number 13 unknown9.92 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	6.11 ng	205255	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-44-7	27
2	1H-Indole, 2,3-dihydro-	119	C8H9N	000496-15-1	25
3	4-Ethylbenzoic acid, 3-phenylpro...	268	C18H20O2	1000293-50-2	22
4	3-Chloropropionic acid, 3-phenyl...	226	C12H15ClO2	078987-69-6	22
5	.alpha.-Methyl-.alpha.-phenylsuc...	189	C11H11NO2	001497-17-2	22





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Sample : J3564-03
Misc :
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Instrument : BNA_F
ClientSampleId : MW-17

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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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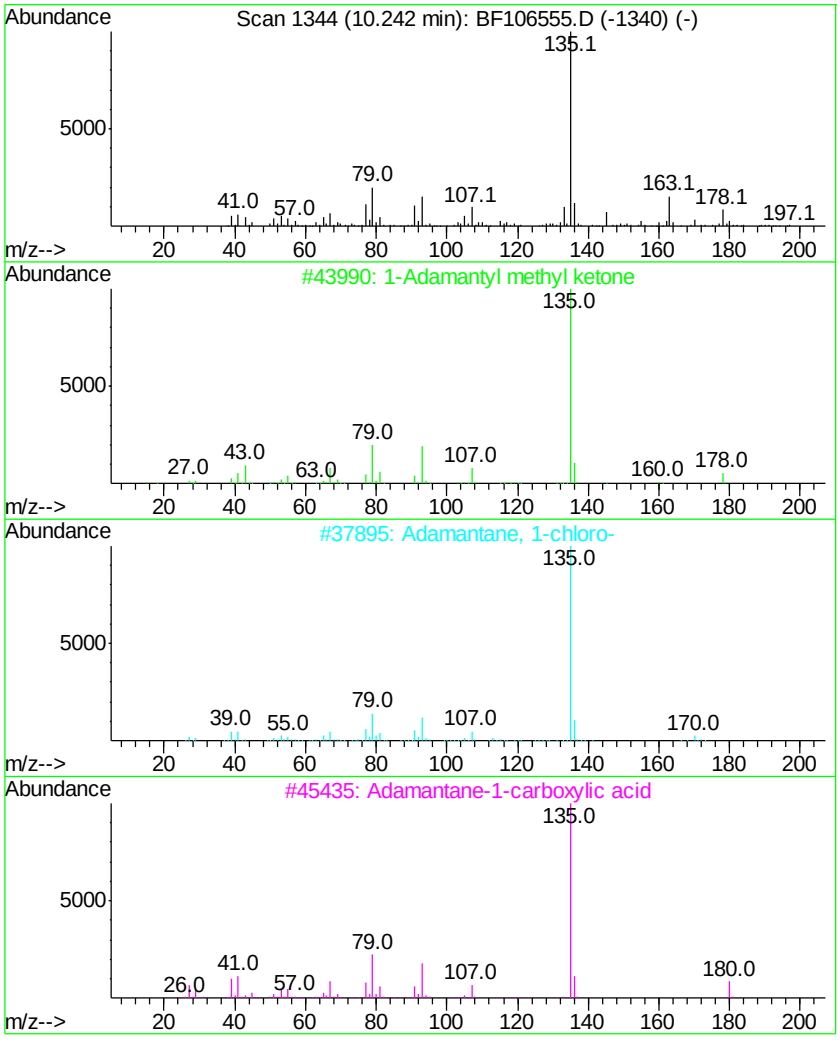
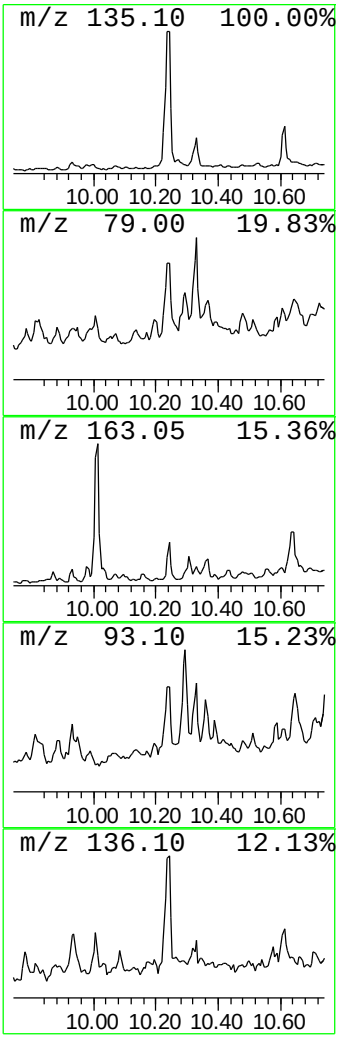
Peak Number 14 1-Adamantyl methyl ketone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	10.03 ng	337008	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantyl methyl ketone	178	C12H18O	001660-04-4	81
2	Adamantane, 1-chloro-	170	C10H15Cl	000935-56-8	81
3	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	81
4	1-Bromoadamantane	214	C10H15Br	000768-90-1	74
5	1-Ethyladamantane	164	C12H20	000770-69-4	72





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Instrument : BNA_F
ClientSampleId : MW-17

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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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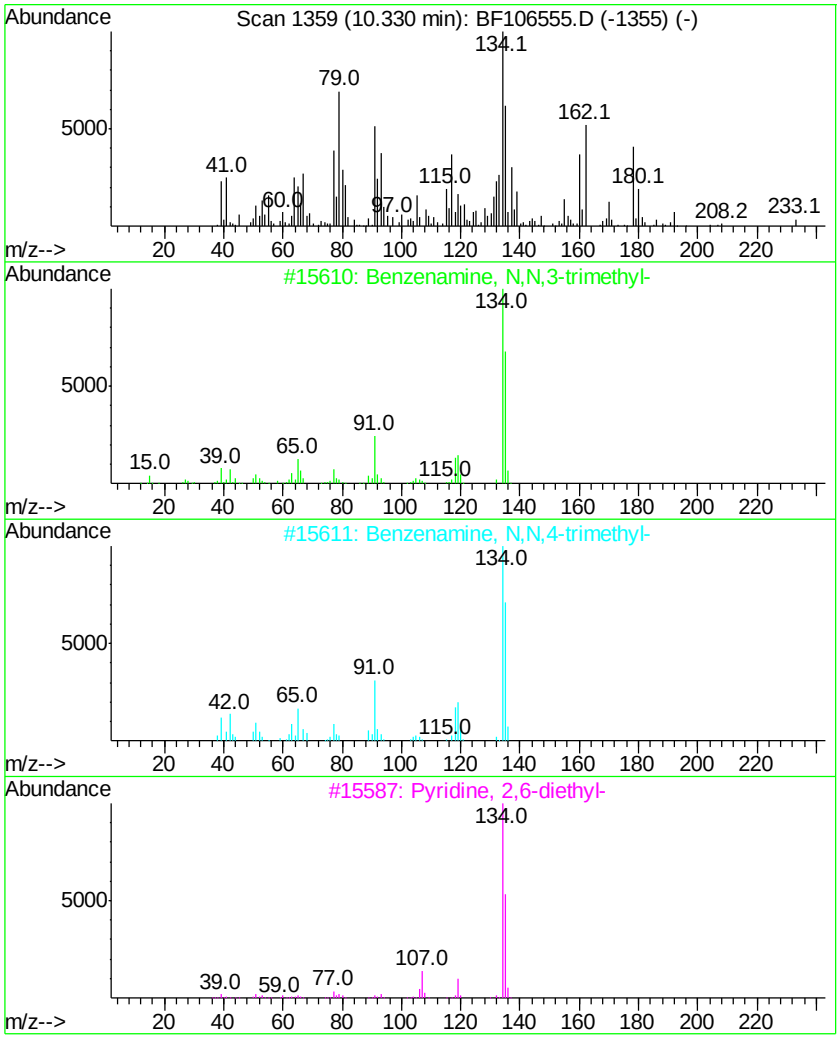
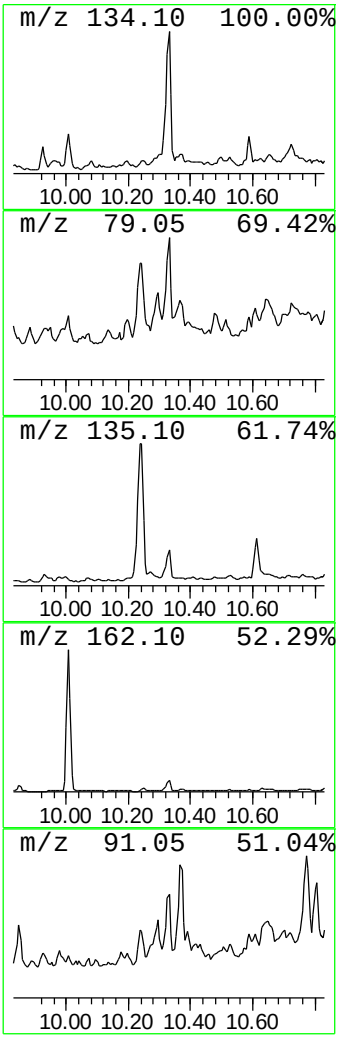
Peak Number 15 unknown10.33 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	11.22 ng	377173	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N,N,3-trimethyl-	135	C9H13N	000121-72-2	30
2	Benzenamine, N,N,4-trimethyl-	135	C9H13N	000099-97-8	30
3	Pyridine, 2,6-diethyl-	135	C9H13N	000935-28-4	27
4	Naphthalene, 1,2,3,4-tetrahydro-...	162	C11H14O	001730-48-9	27
5	Cyclopentanespiro-2'-bicyclo[1.1...	162	C12H18	114310-66-6	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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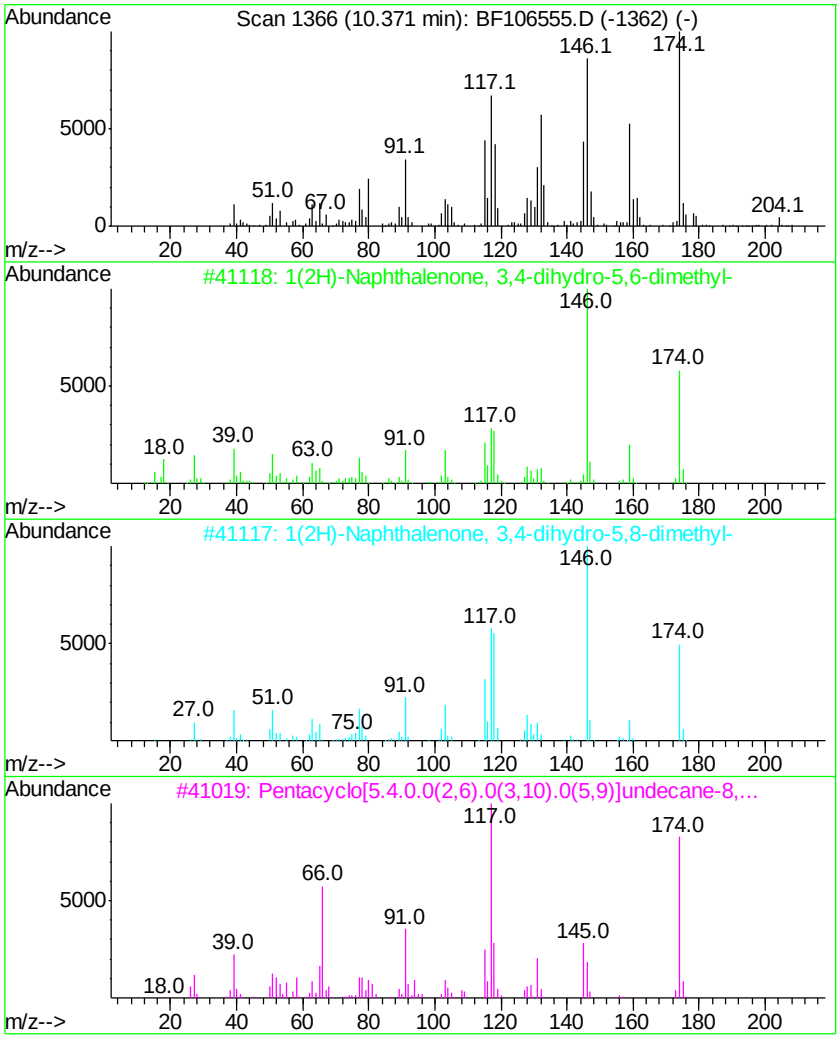
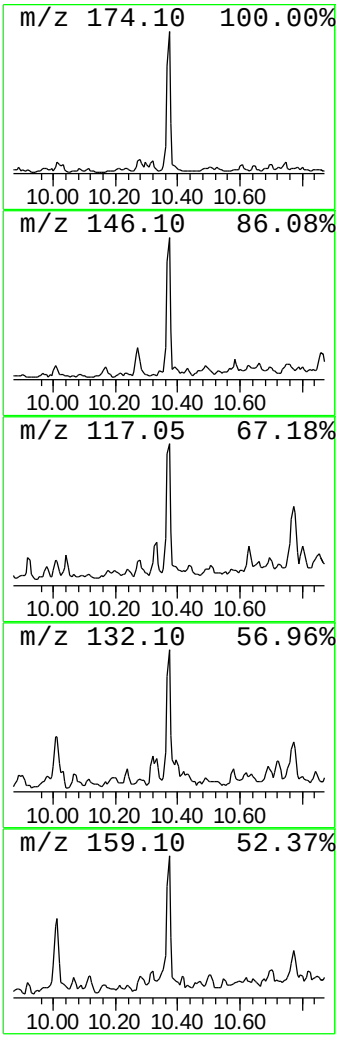
Peak Number 16 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	16.99 ng	571012	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	032281-65-5	62
2	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	005037-63-8	60
3	Pentacyclo[5.4.0.0(2,6).0(3,10)....	174	C11H10O2	002958-72-7	49
4	Benzimidazole, 4,5,6,7-tetramethyl-	174	C11H14N2	106148-67-8	45
5	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	013621-25-5	43





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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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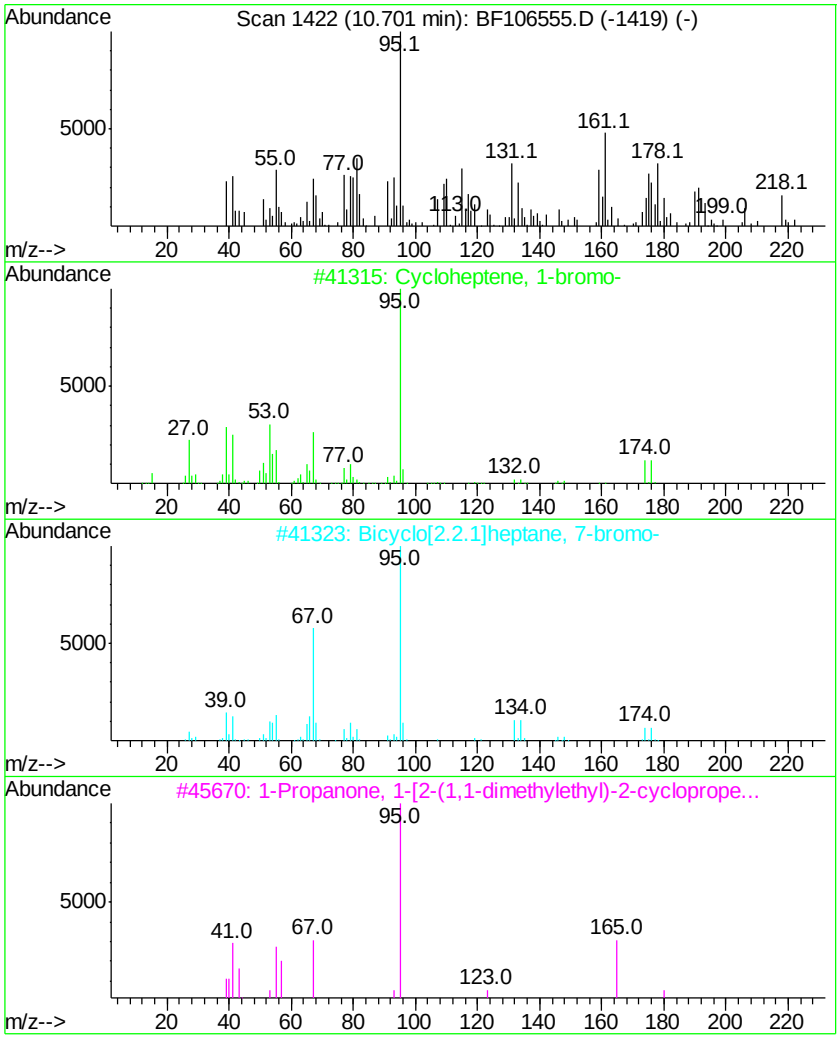
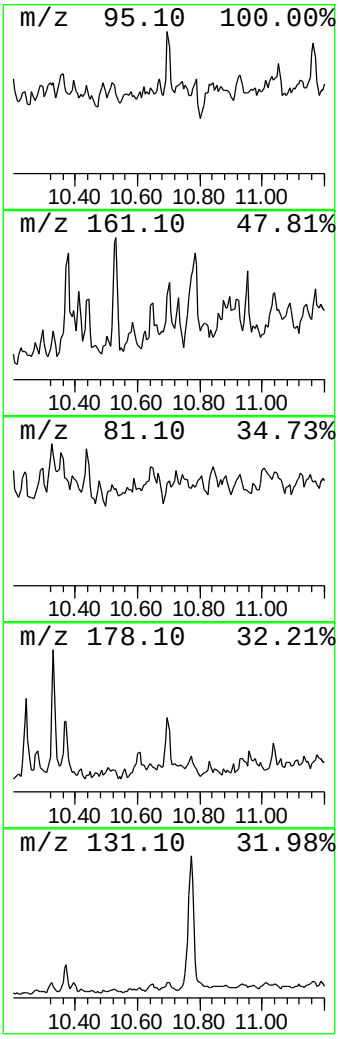
Peak Number 17 unknown10.70 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	3.75 ng	125942	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptene, 1-bromo-	174	C7H11Br	018317-64-1	30
2	Bicyclo[2.2.1]heptane, 7-bromo-	174	C7H11Br	013237-88-2	30
3	1-Propanone, 1-[2-(1,1-dimethyle...	180	C12H20O	019576-21-7	27
4	Cyclohexene, 1-bromo-6-methyl-	174	C7H11Br	040648-09-7	27
5	2-Furancarboxylic acid, 2-chloro...	174	C7H7ClO3	1000331-09-8	27





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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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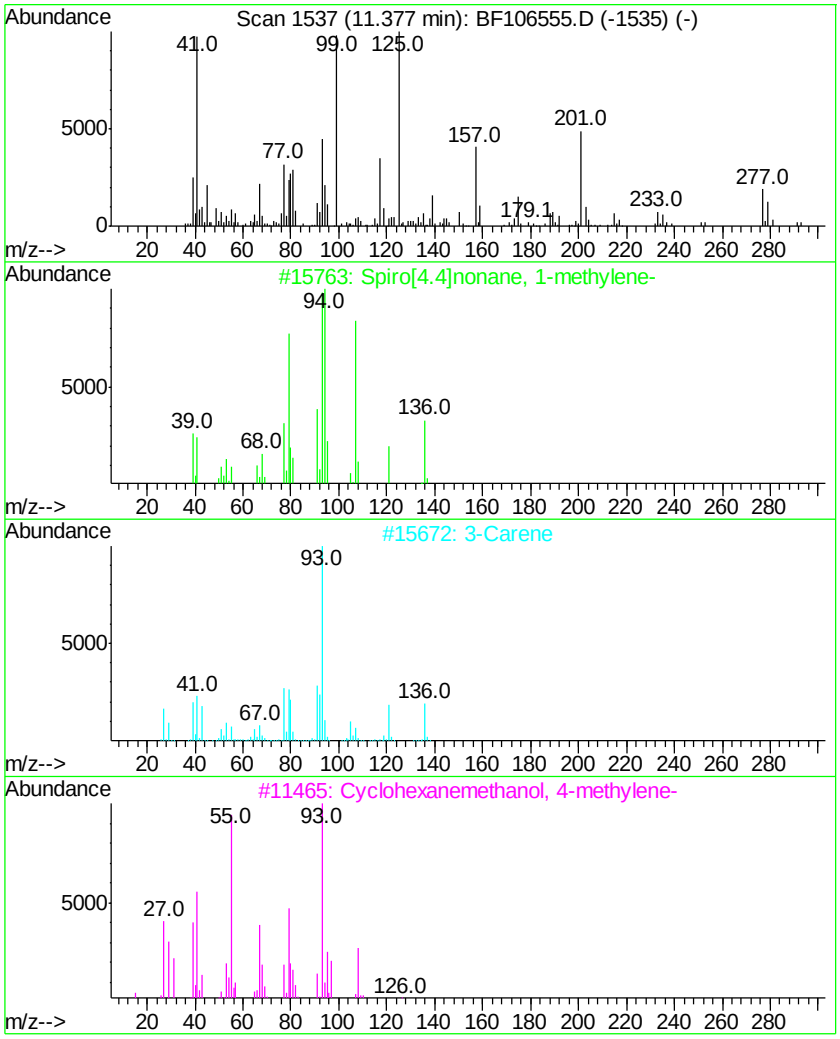
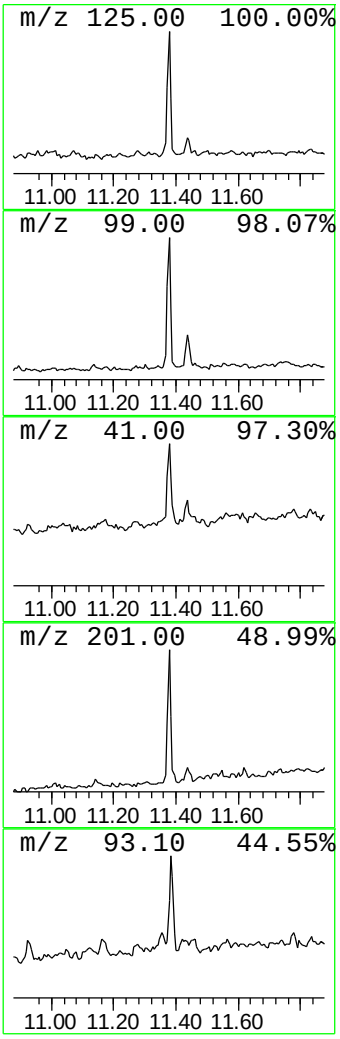
Peak Number 18 unknown11.38 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	13.71 ng	370091	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]nonane, 1-methylene-	136	C10H16	019144-06-0	25
2	3-Carene	136	C10H16	013466-78-9	22
3	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	18
4	Borazine, 2-methyl-	95	CH8B3N3	021127-95-7	18
5	(4-Methyl-cyclohex-3-enyl)-methanol	126	C8H14O	089690-46-0	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106555.D
Acq On : 18 Jun 2018 23:41
Operator : JU/SJ
Sample : J3564-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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

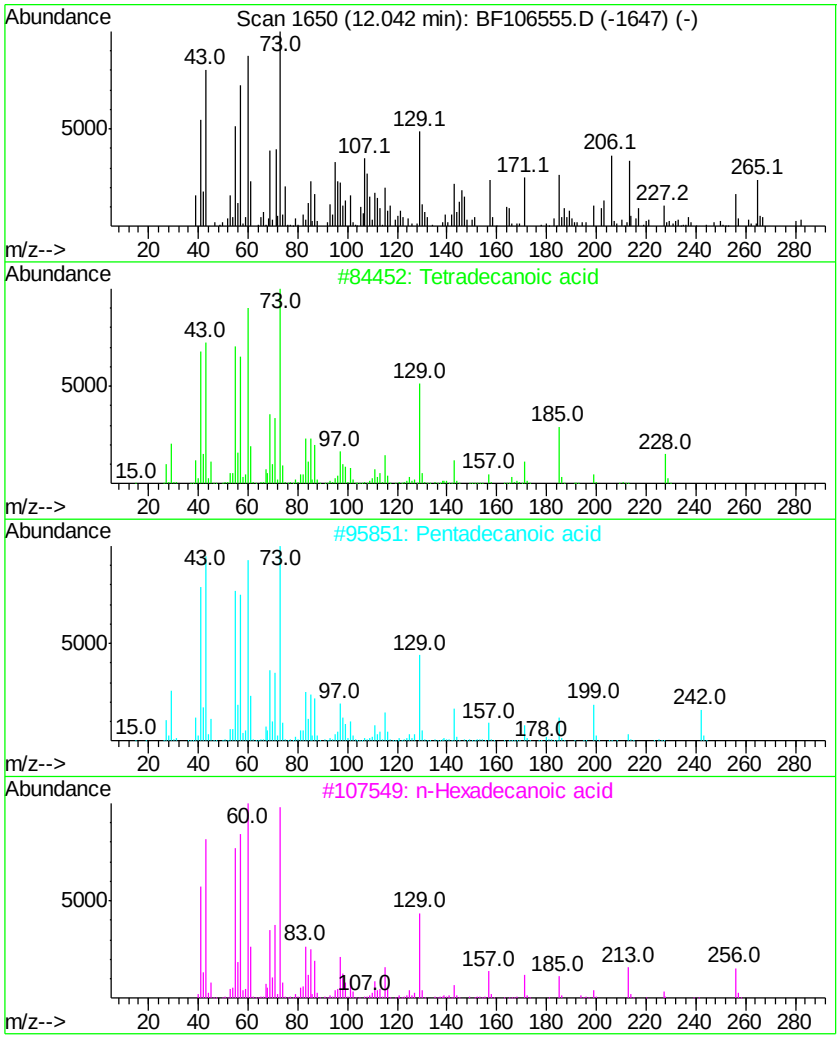
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

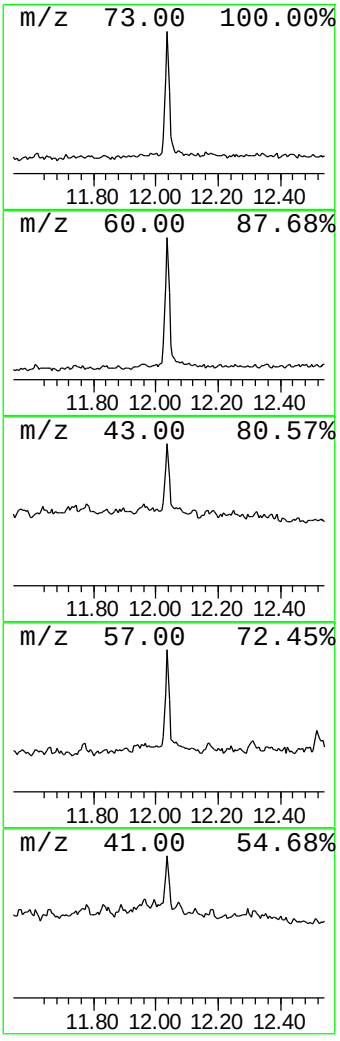
****

Peak Number 19 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	9.45 ng	255271	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Undecanoic acid	186	C11H22O2	000112-37-8	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106555.D
Acq On : 18 Jun 2018 23:41
Operator : JU/SJ
Sample : J3564-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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

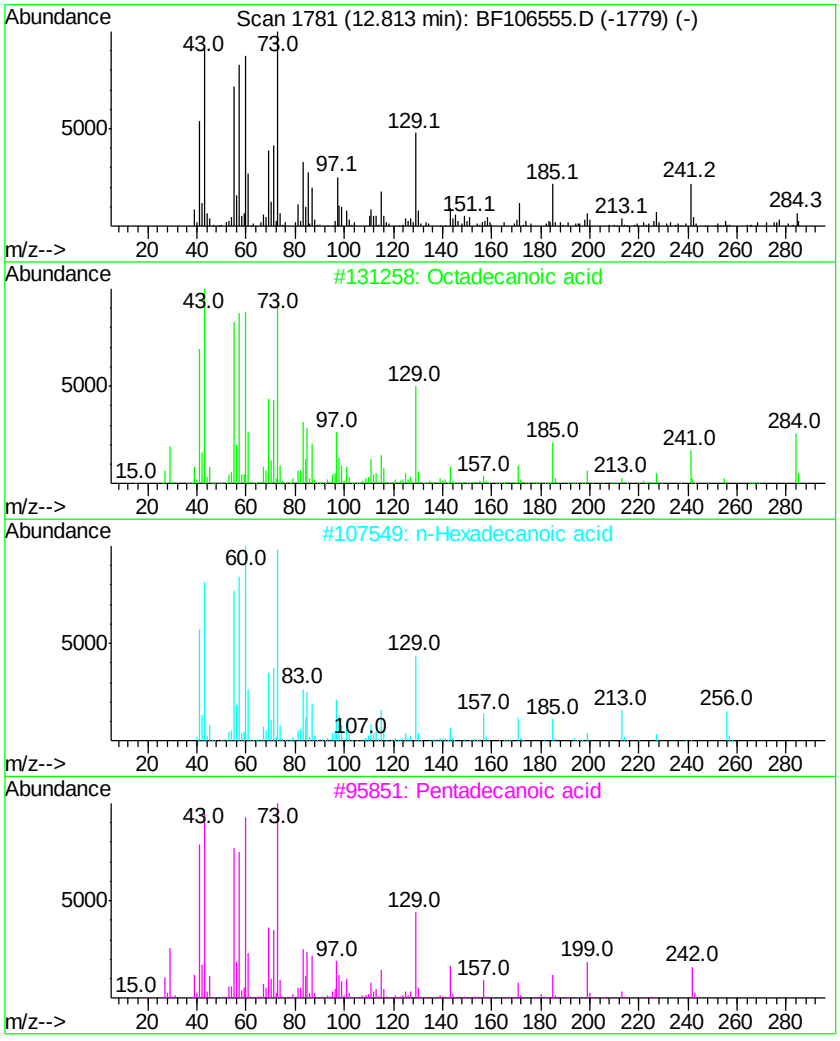
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

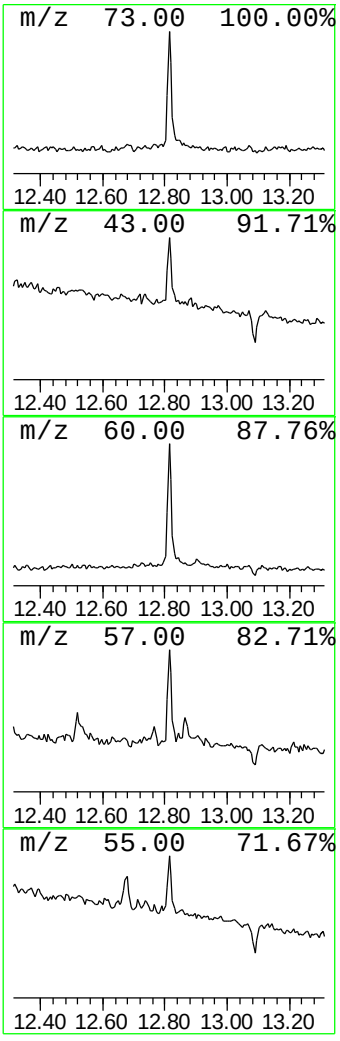
****

Peak Number 20 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	7.25 ng	195764	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
Data File : BF106555.D
Acq On : 18 Jun 2018 23:41
Operator : JU/SJ
Sample : J3564-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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	60.5	ng	2074060	1	6.97	685700	20.0
unknown7.48	7.48	3.8	ng	129283	1	6.97	685700	20.0
5-Amino-1-ethylpy...	7.82	5.2	ng	234385	2	8.25	909545	20.0
unknown8.69	8.69	4.0	ng	183369	2	8.25	909545	20.0
Cyclohexanone, 2-...	8.73	4.5	ng	203482	2	8.25	909545	20.0
1-Adamantanol	8.79	6.7	ng	304610	2	8.25	909545	20.0
unknown9.17	9.17	4.3	ng	143009	3	10.01	672291	20.0
1H-Inden-1-one, 2...	9.25	9.9	ng	333407	3	10.01	672291	20.0
3,5-Dimethyl-1-ad...	9.52	6.9	ng	231280	3	10.01	672291	20.0
unknown9.81	9.81	7.6	ng	253967	3	10.01	672291	20.0
4-Butyl-indan-5-ol	9.85	4.2	ng	142176	3	10.01	672291	20.0
unknown9.92	9.92	6.1	ng	205255	3	10.01	672291	20.0
1-Adamantyl methy...	10.24	10.0	ng	337008	3	10.01	672291	20.0
unknown10.33	10.33	11.2	ng	377173	3	10.01	672291	20.0
1(2H)-Naphthaleno...	10.37	17.0	ng	571012	3	10.01	672291	20.0
unknown10.70	10.70	3.8	ng	125942	3	10.01	672291	20.0
unknown11.38	11.38	13.7	ng	370091	4	11.50	539988	20.0
Tetradecanoic acid	12.04	9.4	ng	255271	4	11.50	539988	20.0
Octadecanoic acid	12.81	7.3	ng	195764	4	11.50	539988	20.0