LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

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-BF071618.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	5.219	485	490	498	rVB	297391	369063	10.67%	0.726%
2	5.613	548	557	560	rBV	2951571	2881676	83.34%	5.668%
3	6.525	707	712	716	rBV6	35266	75724	2.19%	0.149%
4	6.607	719	726	729	rBV	2854074	3111426	89.98%	6.120%
5	6.754	746	751	754	rVV	3323253	3079442	89.05%	6.057%
6	6.807	757	760	764	rBV3	70599	66195	1.91%	0.130%
7	6.984	786	790	793	rVB	1076121	855983	24.75%	1.684%
8	7.143	809	817	820	rBV	2688190	2418984	69.95%	4.758%
9	7.248	830	835	839	rVB6	56149	74011	2.14%	0.146%
10	7.378	854	857	859	rBV4	74332	74010	2.14%	0.146%
11	7.401	859	861	866	rVB6	44498	60915	1.76%	0.120%
12	7.460	866	871	875	rBV8	30025	55936	1.62%	0.110%
13	7.513	875	880	881	rBV3	116014	151695	4.39%	0.298%
14	7.548	881	886	889	rVV	2122621	2102766	60.81%	4.136%
15	7.619	893	898	902	rVB5	118774	180050	5.21%	0.354%
16	7.672	902	907	911	rBV8	67183	141686	4.10%	0.279%
17	7.713	911	914	917	rVV5	49271	66941	1.94%	0.132%
18	7.748	917	920	922	rVV3	85611	80517	2.33%	0.158%
19	7.790	922	927	931	rVB4	180577	217704	6.30%	0.428%
20	7.907	944	947	952	rBV5	232747	282004	8.16%	0.555%
21	8.001	960	963	965	rBV2	194513	159131	4.60%	0.313%
22	8.025	965	967	969	rVV3	71177	71215	2.06%	0.140%
23	8.078	973	976	982	rVB7	117172	123974	3.59%	0.244%
24	8.131	982	985	988	rBV2	159914	149027	4.31%	0.293%
25	8.166	988	991	994	rBV5	89968	141166	4.08%	0.278%
26	8.207	997	998	1001	rVV3	93753	115140	3.33%	0.226%
27	8.266	1001	1008	1011	rVV	1276420	1640188	47.43%	3.226%
28	8.313	1013	1016	1019	rVB3	391011	381970	11.05%	0.751%
29	8.348	1019	1022	1027	rBV6	262384	318366	9.21%	0.626%
30	8.437	1030	1037	1039	rVV6	158130	280417	8.11%	0.552%
31	8.466	1039	1042	1046	rVB5	222066	210494	6.09%	0.414%
32	8.554	1053	1057	1061	rBV5	247257	356421	10.31%	0.701%
33	8.589	1061	1063	1064	rBV	114549	79158	2.29%	0.156%
34	8.648	1069	1073	1075	rBV4	221516	252849	7.31%	0.497%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

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-BF071618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.678	1075	1078	1079	rVB	206991	161226	4.66%	0.317%
36	8.701	1079	1082	1084	rBV4	224500	203833	5.89%	0.401%
37	8.731	1084	1087	1091	rVB4	298588	329412	9.53%	0.648%
38	8.772	1091	1094	1096	rBV2	354040	339647	9.82%	0.668%
39	8.807	1097	1100	1102	rVB2	128451	113234	3.27%	0.223%
40	8.860	1105	1109	1111	rBV4	161323	233333	6.75%	0.459%
41	8.889	1111	1114	1116	rBV3	228659	222263	6.43%	0.437%
42	8.913	1116	1118	1120	rBV3	150514	144288	4.17%	0.284%
43	8.984	1128	1130	1133	rBV2	139005	127438	3.69%	0.251%
44	9.013	1133	1135	1137	rVB2	261436	184913	5.35%	0.364%
45	9.037	1137	1139	1142	rBV3	184403	245890	7.11%	0.484%
46	9.060	1142	1143	1145	rVV2	195733	162883	4.71%	0.320%
47	9.084	1145	1147	1149	rVV2	235995	226769	6.56%	0.446%
48	9.107	1149	1151	1153	rVB3	301971	217933	6.30%	0.429%
49	9.213	1166	1169	1171	rBV3	151455	163740	4.74%	0.322%
50	9.278	1177	1180	1182	rBV	502761	341169	9.87%	0.671%
51	9.342	1187	1191	1195	rVB	3426866	3457917	100.00%	6.802%
52	9.378	1195	1197	1198	rBV2	109770	108845	3.15%	0.214%
53	9.537	1222	1224	1226	rBV3	141018	125480	3.63%	0.247%
54	9.613	1233	1237	1239	rBV3	284281	369239	10.68%	0.726%
55	9.684	1246	1249	1251	rBV2	319511	316879	9.16%	0.623%
56	9.731	1255	1257	1261	rVB2	1457710	1283501	37.12%	2.525%
57	9.889	1281	1284	1286	rVB2	354222	293339	8.48%	0.577%
58	10.031	1305	1308	1310	rVB2	1097862	859412	24.85%	1.690%
59	10.060	1311	1313	1317	rVB4	303235	228748	6.62%	0.450%
60	10.125	1322	1324	1329	rVB2	243214	342216	9.90%	0.673%
61	10.172	1329	1332	1335	rBV4	224057	297869	8.61%	0.586%
62	10.225	1339	1341	1345	rVV2	417222	428310	12.39%	0.843%
63	10.266	1346	1348	1353	rVB2	530148	533674	15.43%	1.050%
64	10.342	1358	1361	1364	rBV	555005	621516	17.97%	1.223%
65	10.372	1364	1366	1368	rBV3	268627	265514	7.68%	0.522%
66	10.436	1373	1377	1382	rBV6	476100	736985	21.31%	1.450%
67	10.578	1398	1401	1403	rBV3	279619	266837	7.72%	0.525%
68	10.666	1413	1416	1419	rVB	1034937	888235	25.69%	1.747%
69	10.825	1439	1443	1446	rBV	1841030	1731490	50.07%	3.406%
70	10.936	1458	1462	1465	rBV2	1733209	1889891	54.65%	3.717%
71	11.401	1538	1541	1543	rBV	1044486	921281	26.64%	1.812%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

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-BF071618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.525	1559	1562	1564	rBV	1052680	964967	27.91%	1.898%
73	11.554	1564	1567	1570	rVV	2002280	1693481	48.97%	3.331%
74	11.601	1573	1575	1577	rVB	347185	249168	7.21%	0.490%
75	11.754	1598	1601	1604	rBV2	664345	594465	17.19%	1.169%
76	12.766	1769	1773	1775	rVB	1947678	1817300	52.55%	3.575%
77	12.983	1807	1810	1812	rVB	1353555	1194675	34.55%	2.350%
78	13.113	1829	1832	1835	rVB	1909520	1737136	50.24%	3.417%
79	14.177	2010	2013	2016	rBV2	785984	1006163	29.10%	1.979%
80	14.207	2016	2018	2024	rVB	783348	769882	22.26%	1.514%
81	15.730	2273	2277	2280	rBV2	565795	799212	23.11%	1.572%

Sum of corrected areas: 50837842

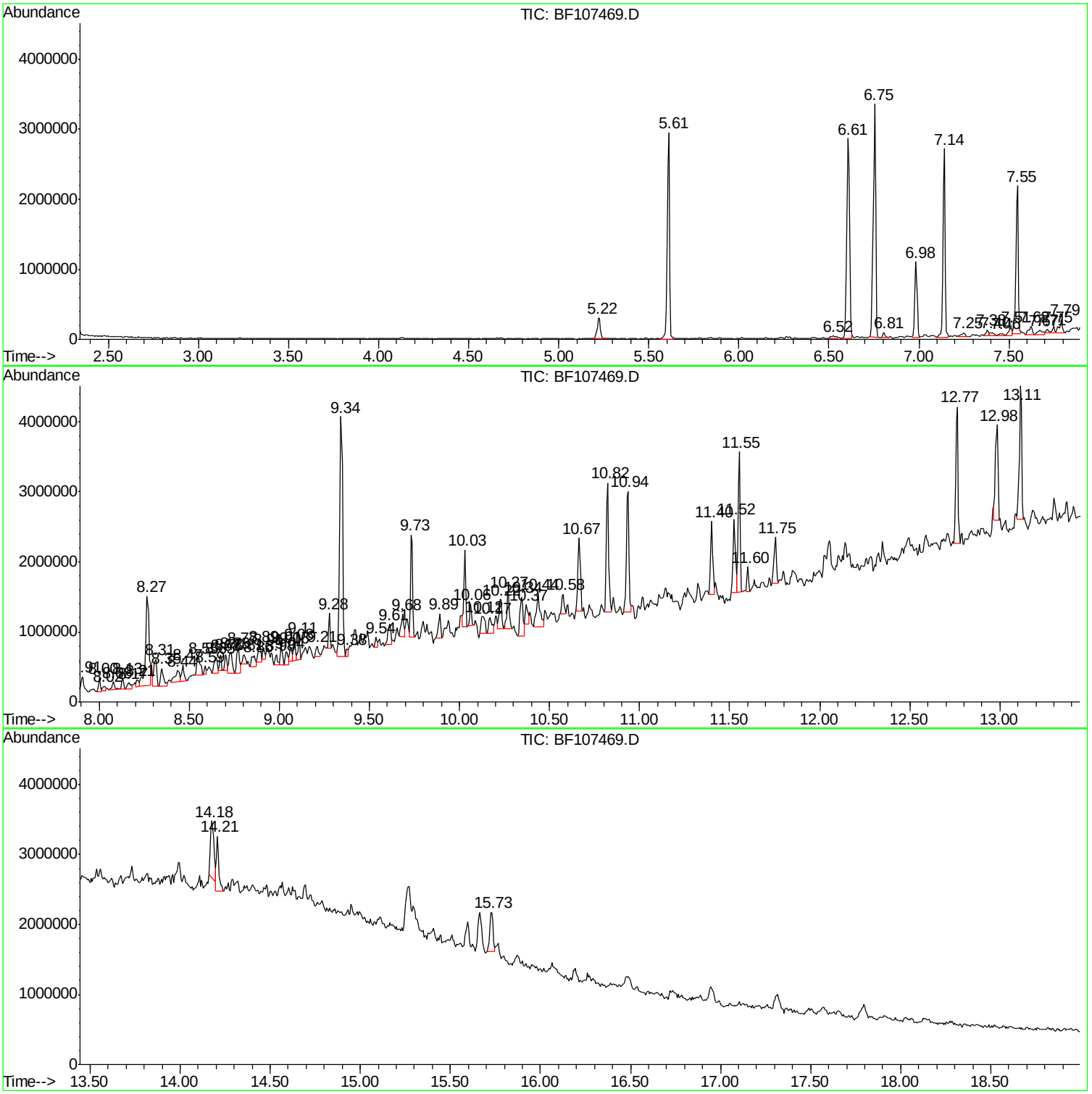
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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\BF071818\
Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

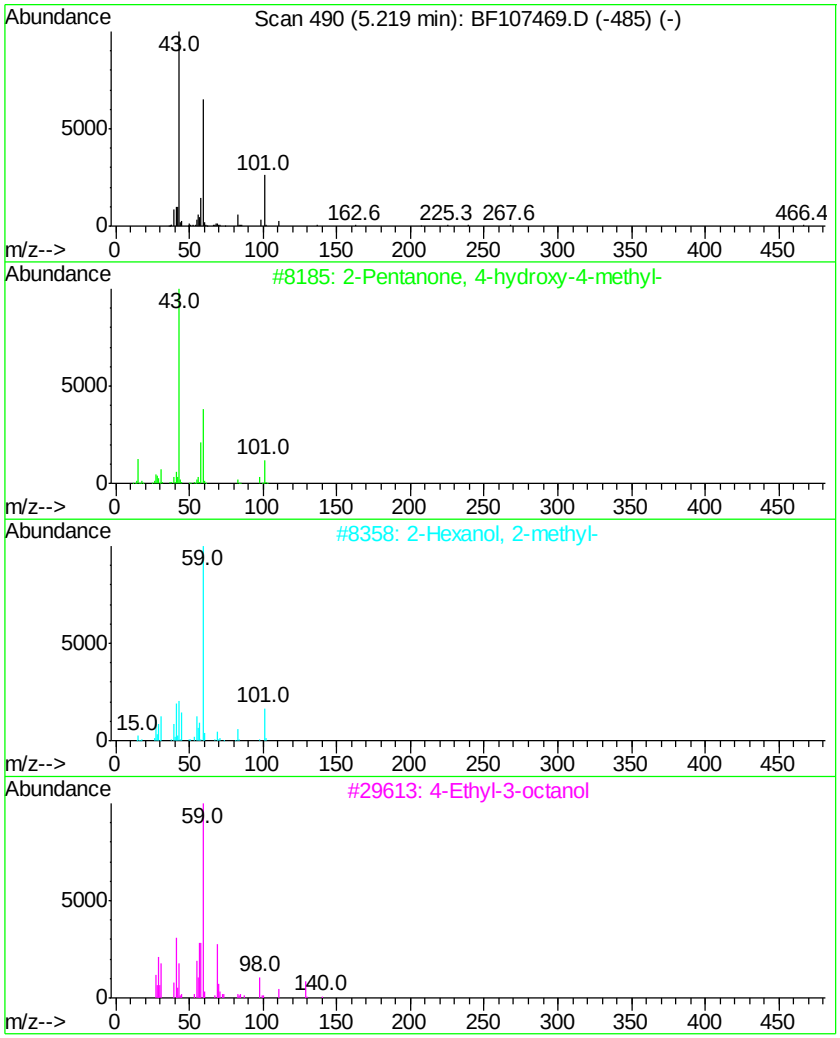
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

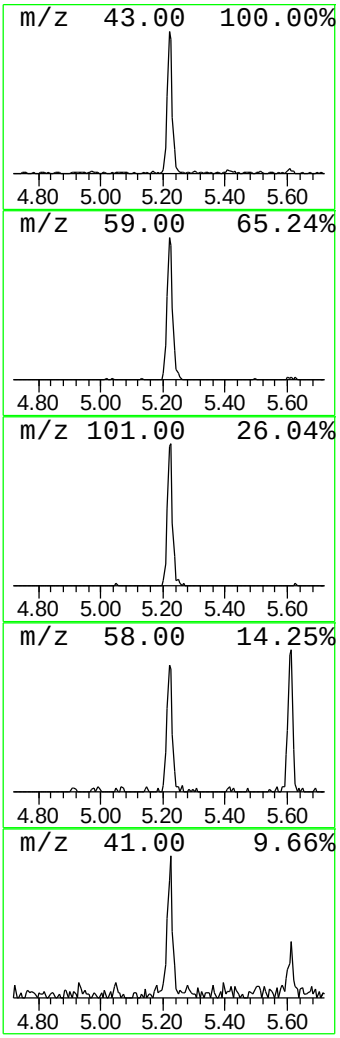
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	8.62 ng	369063	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	25
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	23
5	3-Hexanol	102	C6H14O	000623-37-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

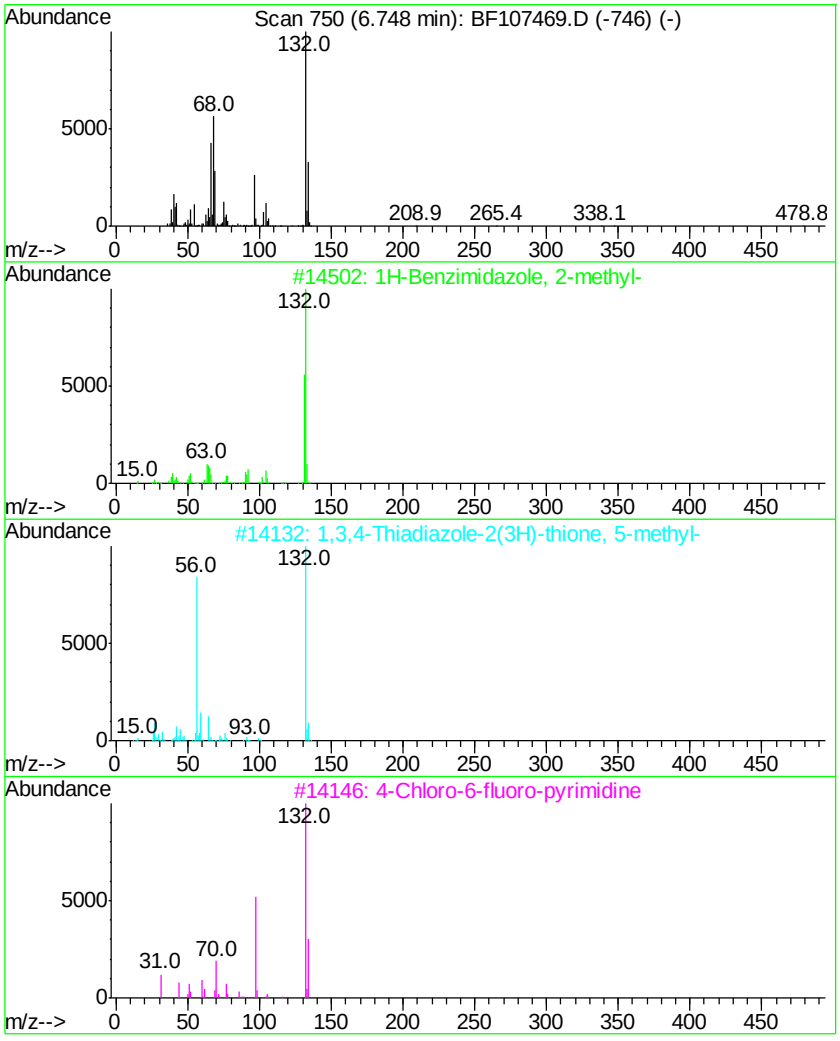
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

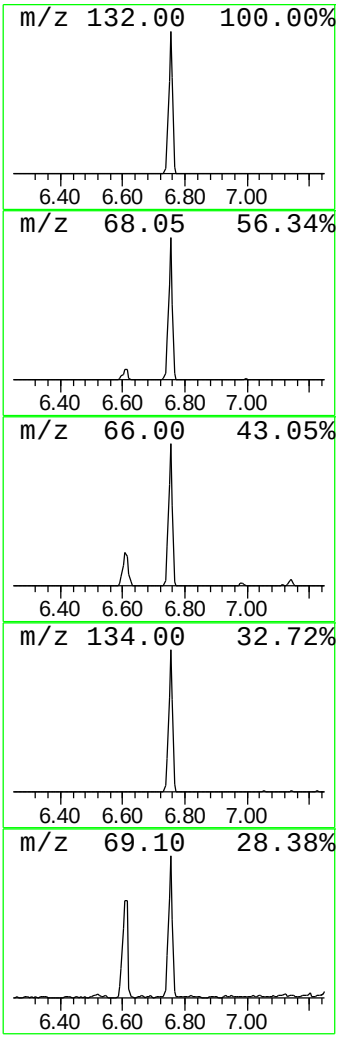
****

Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	71.95 ng	3079440	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

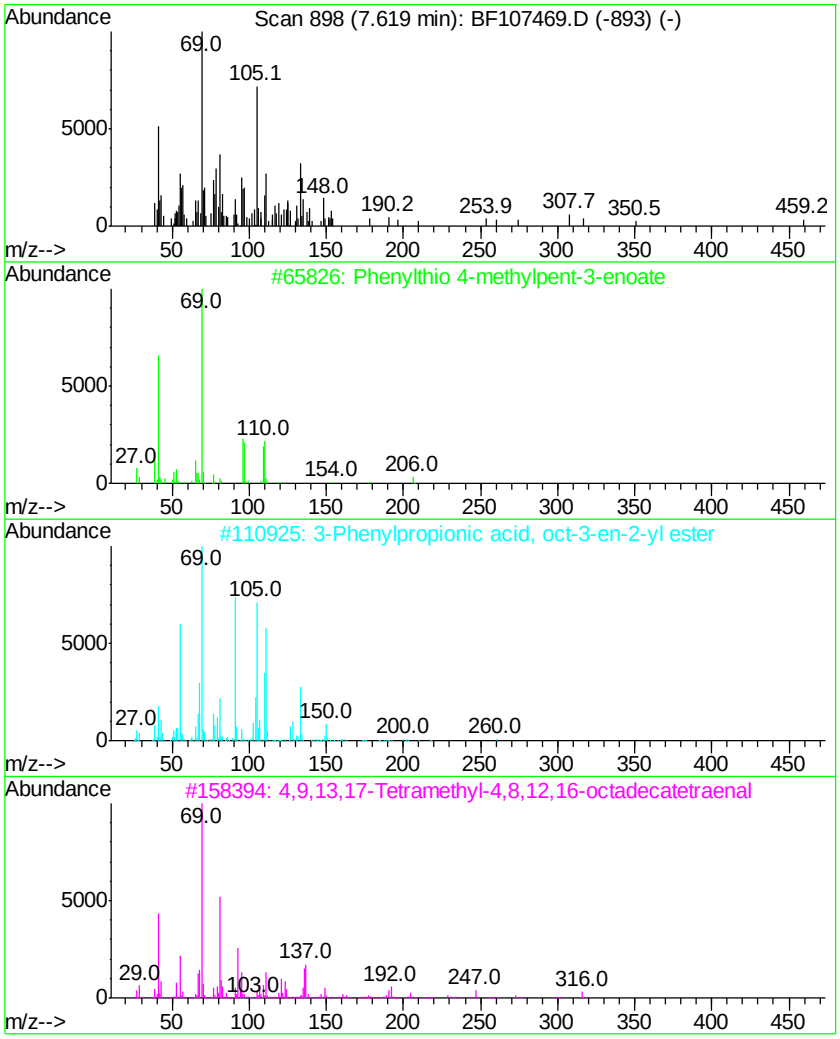
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

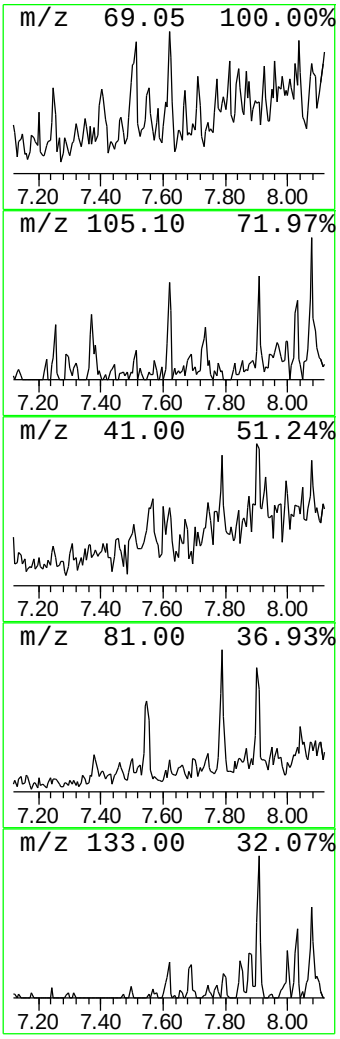
****

Peak Number 4 unknown7.62 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	4.21 ng	180050	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenylthio 4-methylpent-3-enoate	206	C12H14OS	102496-83-3	43
2	3-Phenylpropionic acid, oct-3-en...	260	C17H24O2	1000299-17-5	43
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	38
4	1-(10,10-Dimethyl-3,3-dioxo-3-th...	311	C16H25NO3S	1000210-42-6	38
5	cis-2,6-Dimethyl-2,6-octadiene	138	C10H18	002492-22-0	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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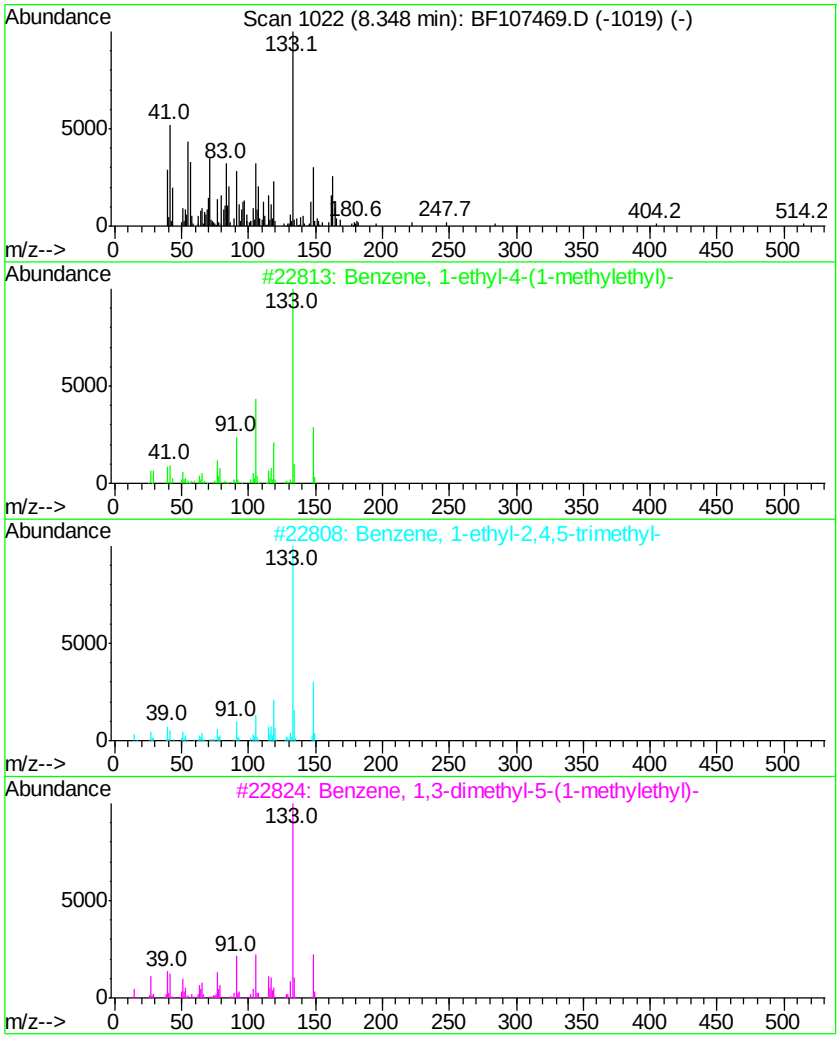
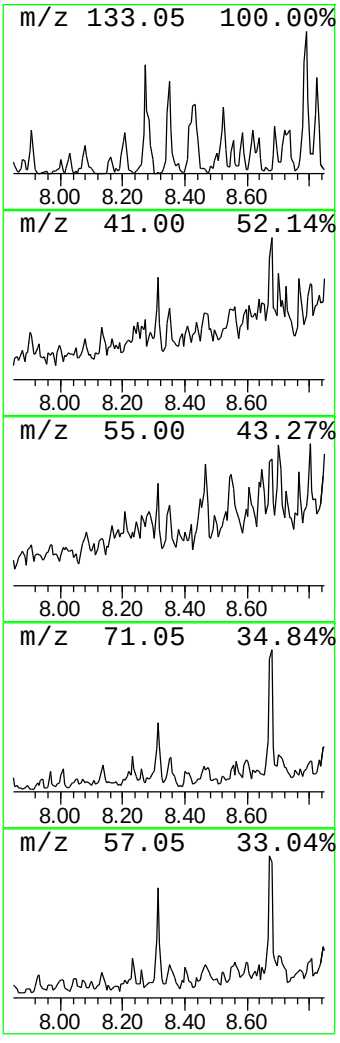
Peak Number 5 unknown8.35 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	3.88 ng	318366	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	46
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	45
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	43
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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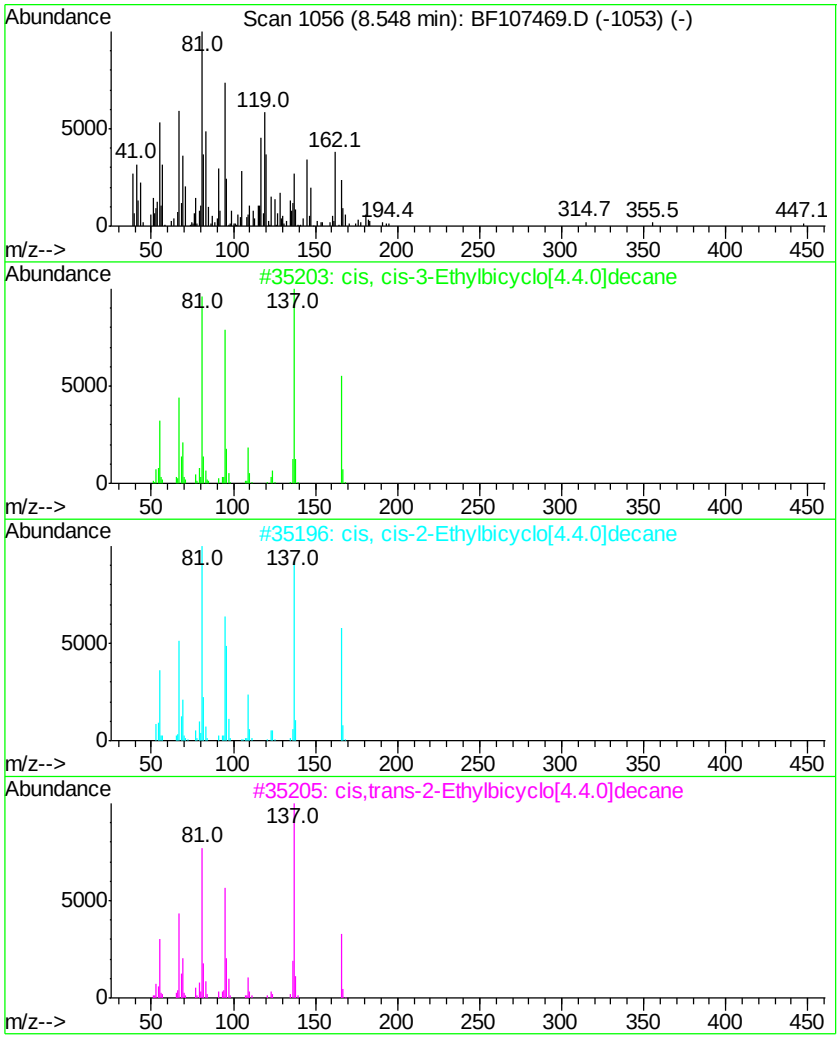
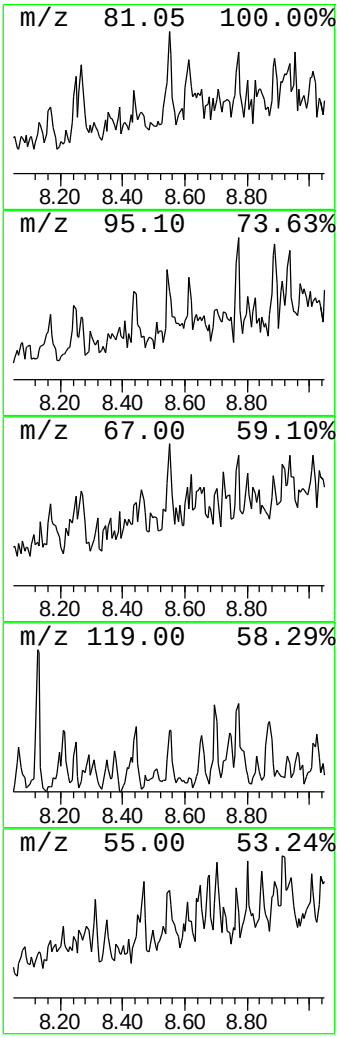
Peak Number 6 unknown8.55 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	4.35 ng	356421	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	38
2	cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	20
3	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	20
4	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	18
5	trans,trans-3-Ethylbicyclo[4.4.0...	166	C12H22	058462-32-1	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

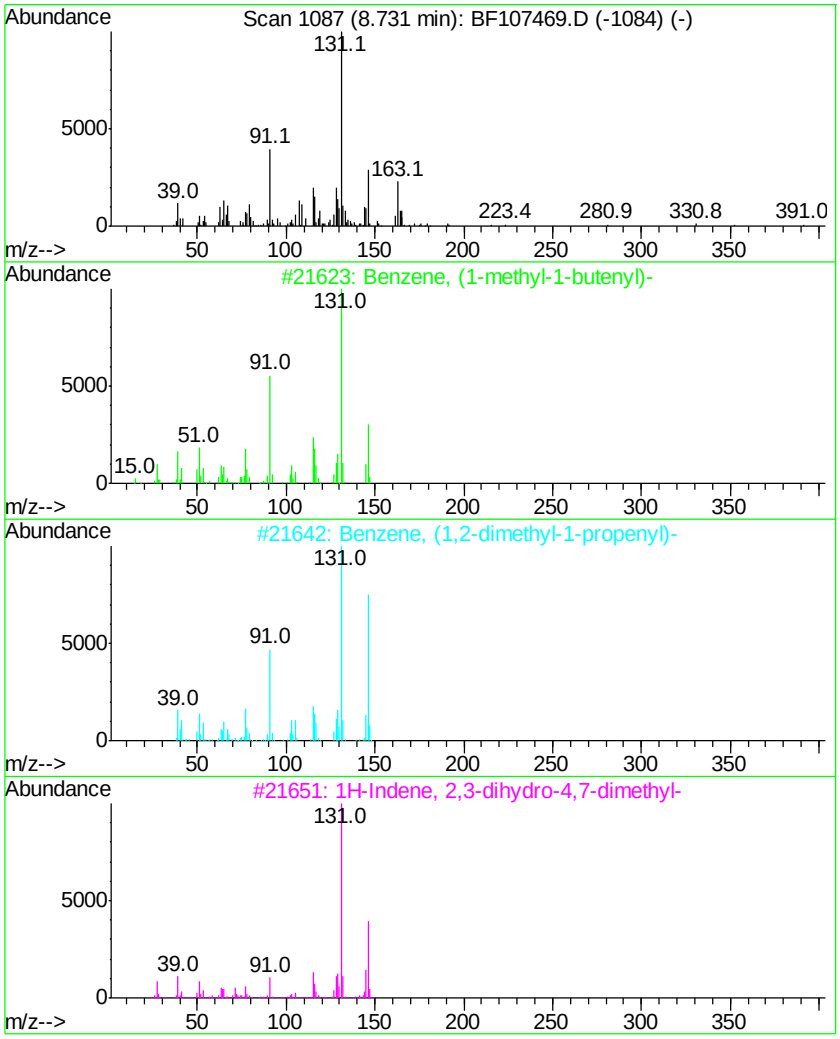
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

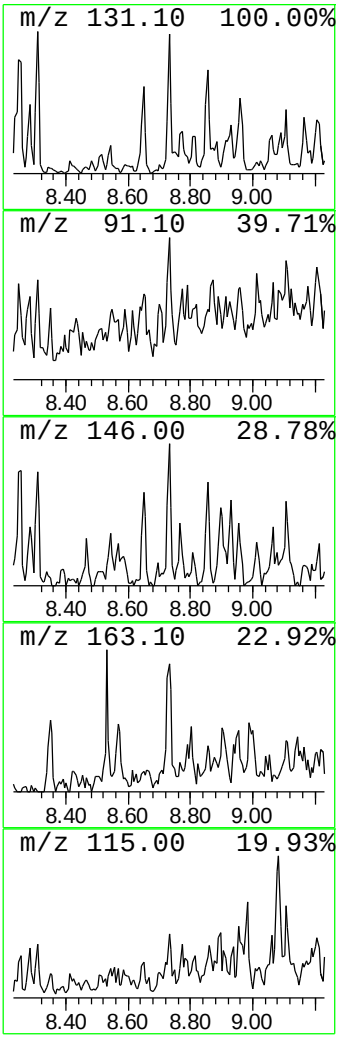
****

Peak Number 7 Benzene, (1-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	4.02 ng	329412	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	68
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	62





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Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

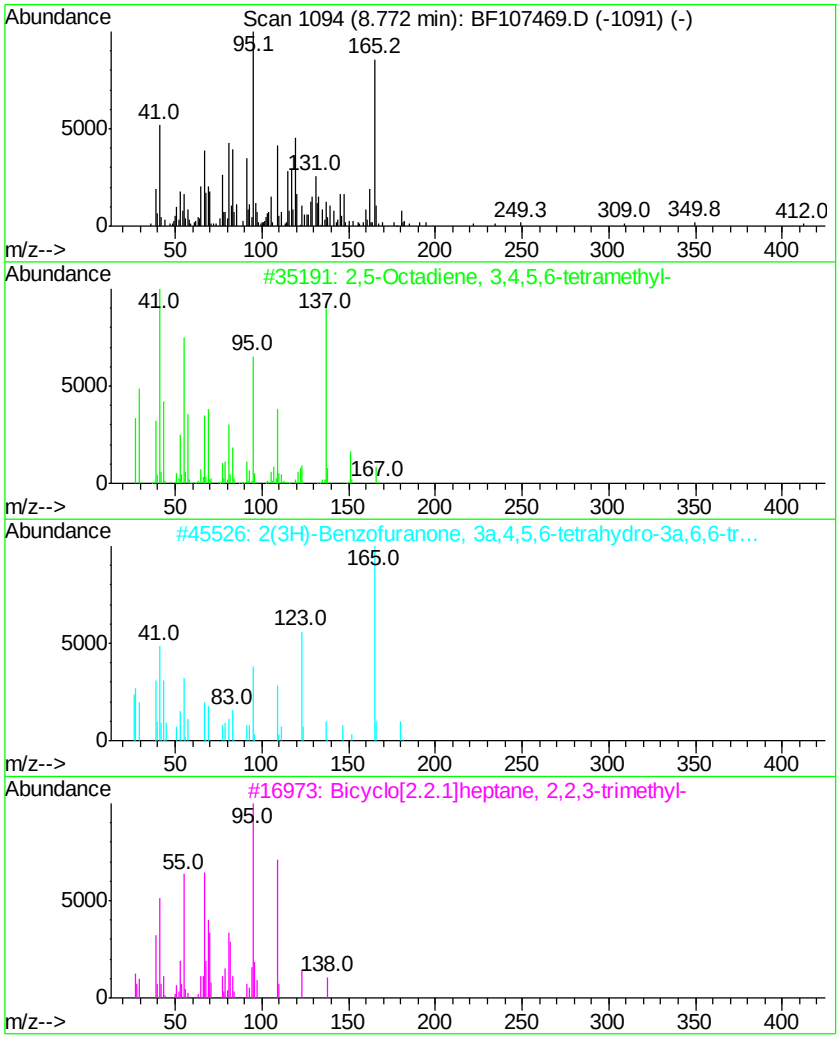
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

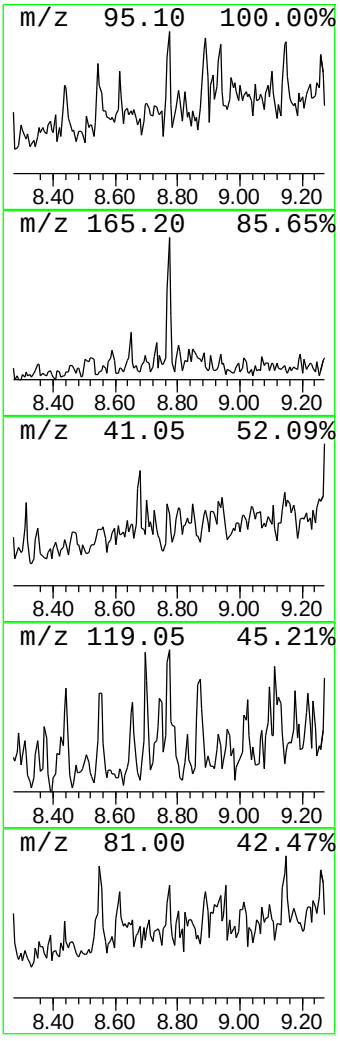
****

Peak Number 8 unknown8.77 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	4.14 ng	339647	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Octadiene, 3,4,5,6-tetramethyl-	166	C12H22	247797-85-9	27
2	2(3H)-Benzofuranone, 3a,4,5,6-te...	180	C11H16O2	016778-26-0	25
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	20
4	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	18
5	Benzenamine, N-ethyl-N-methyl-4-...	180	C9H12N2O2	056269-48-8	18





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Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

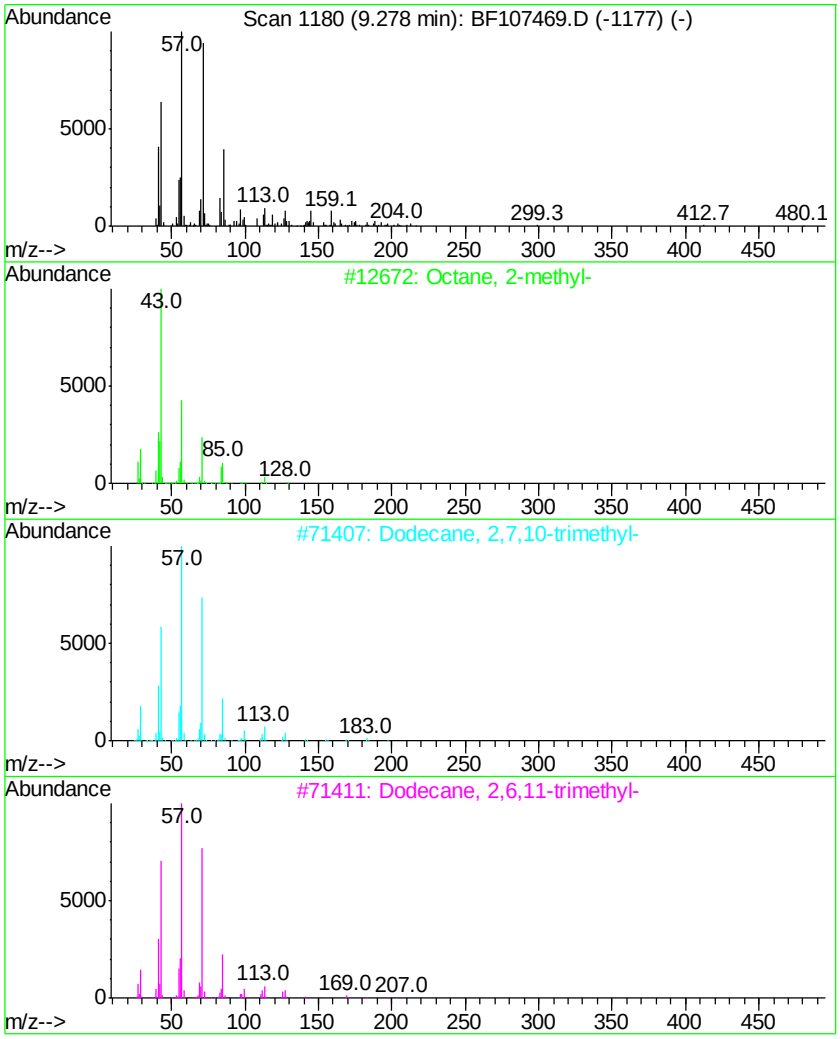
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

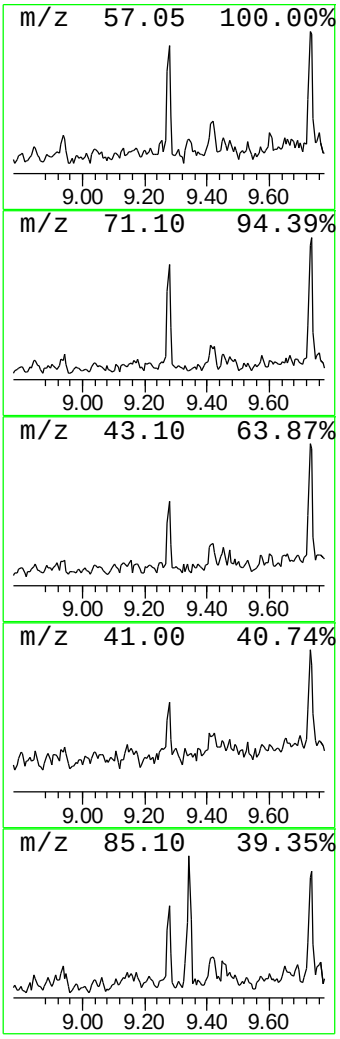
****

Peak Number 9 Octane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	7.94 ng	341169	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	87
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Decane, 5-propyl-	184	C13H28	017312-62-8	58
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	52





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Misc :
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Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

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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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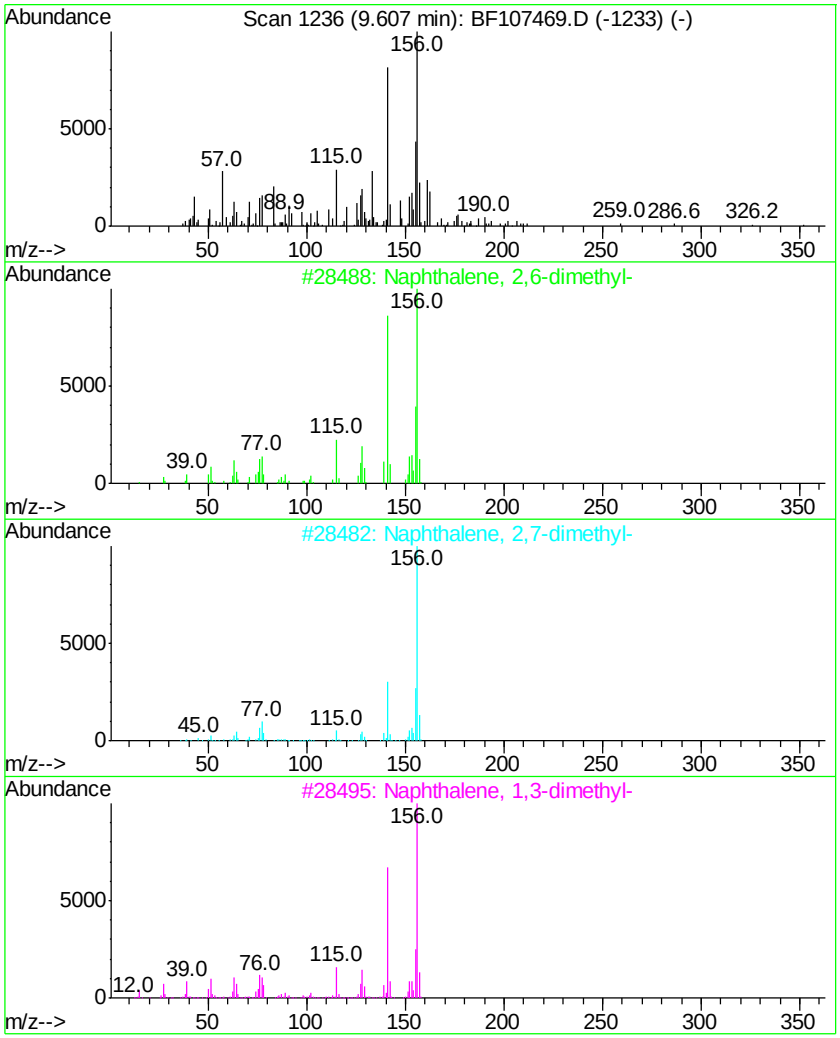
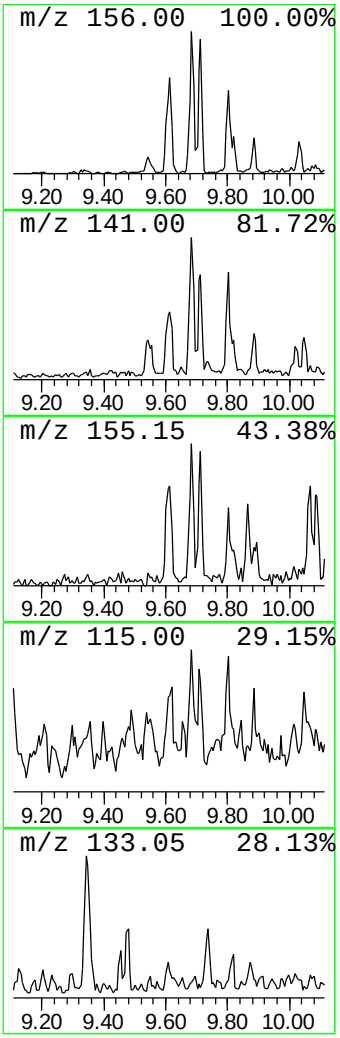
Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	8.59 ng	369239	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	89
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	89
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	76





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Operator : JU/SJ
Sample : J3906-08
Misc :
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Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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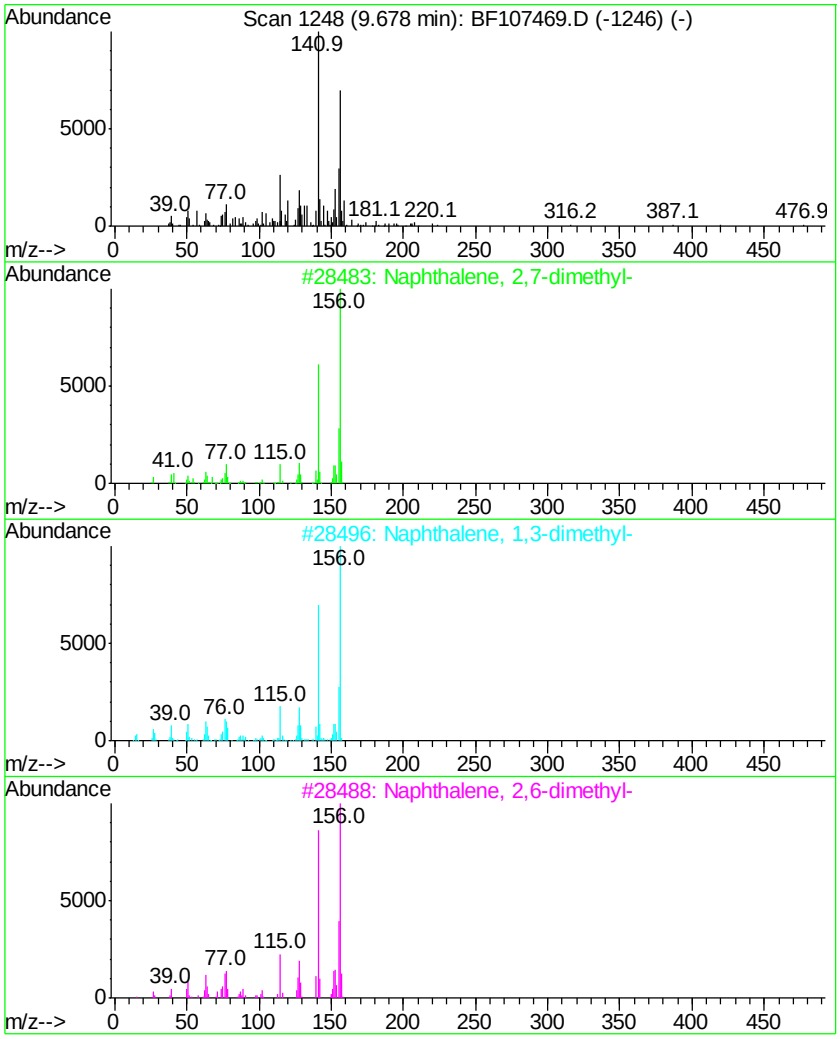
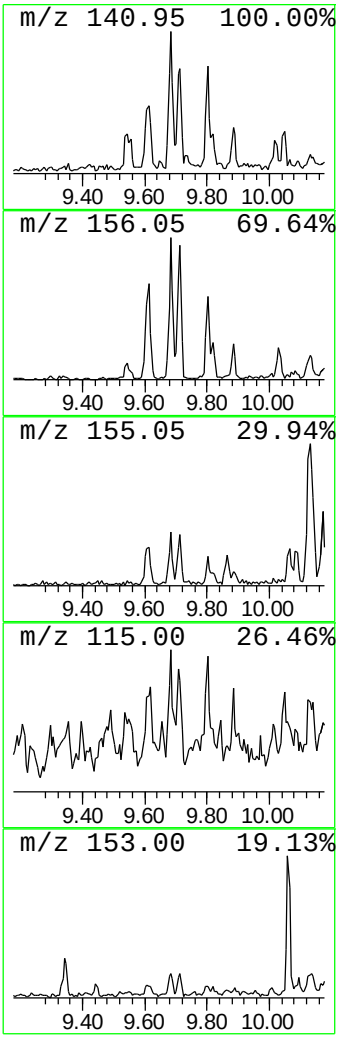
Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	7.37 ng	316879	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	91





Library Search Compound Report

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Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId : STOCKPILE-NEWSAN

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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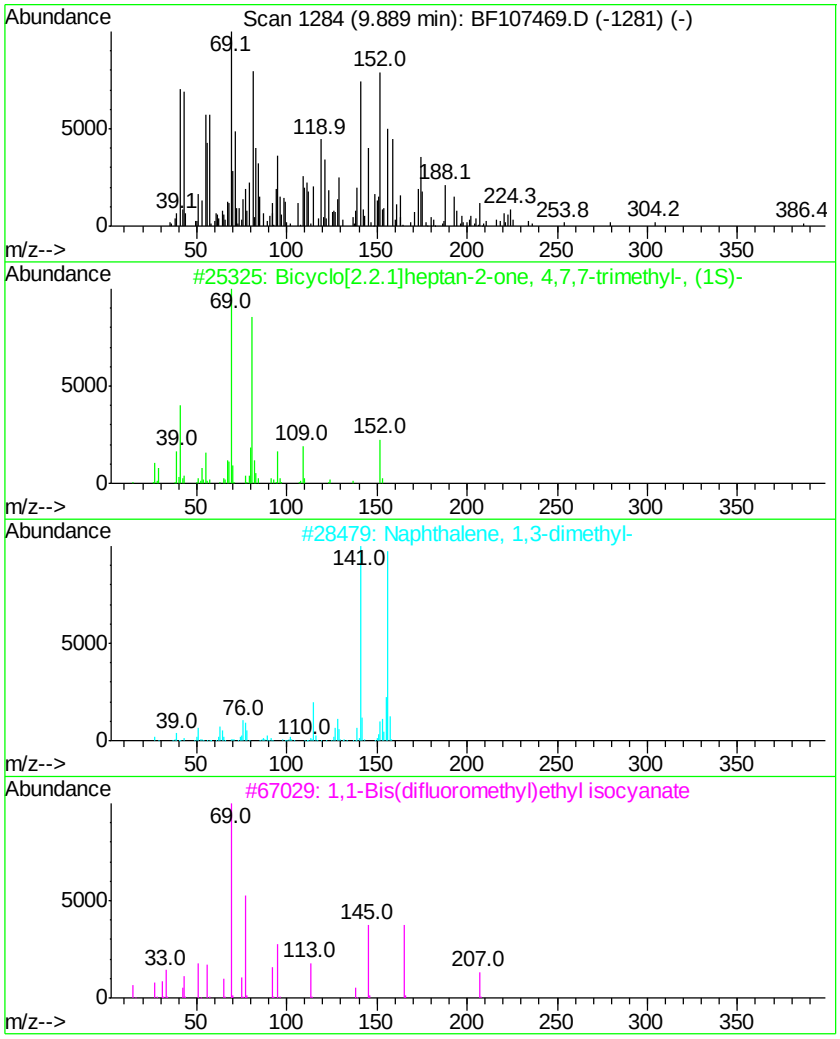
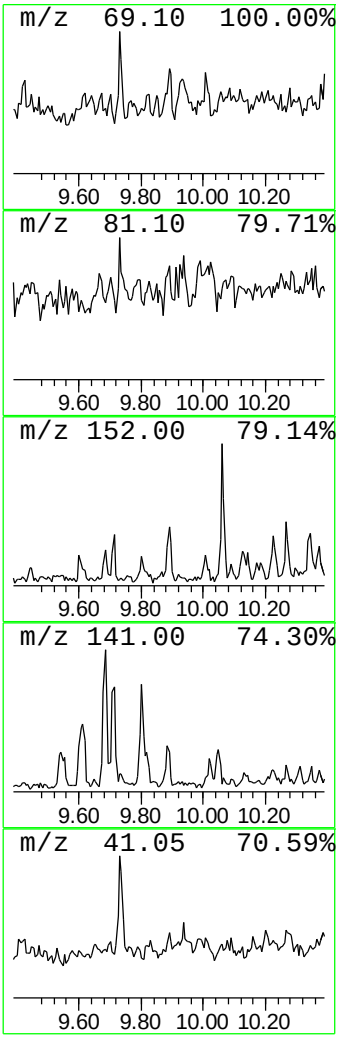
Peak Number 12 unknown9.89 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	6.83 ng	293339	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 4,7,...	152	C10H16O	010292-98-5	35
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	25
3	1,1-Bis(difluoromethyl)ethyl iso...	207	C5H3F6NO	1000305-84-0	15
4	2-Hexanol, trifluoroacetate	198	C8H13F3O2	1000352-36-1	14
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	14





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Sample : J3906-08
Misc :
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Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

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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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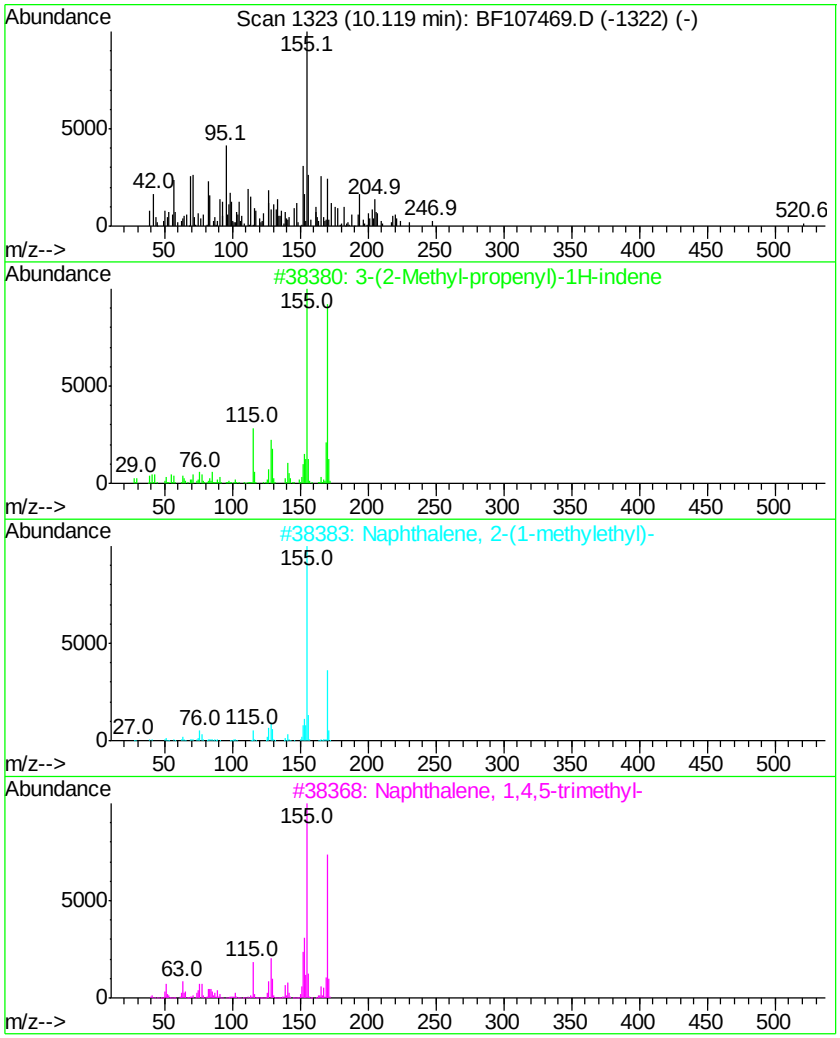
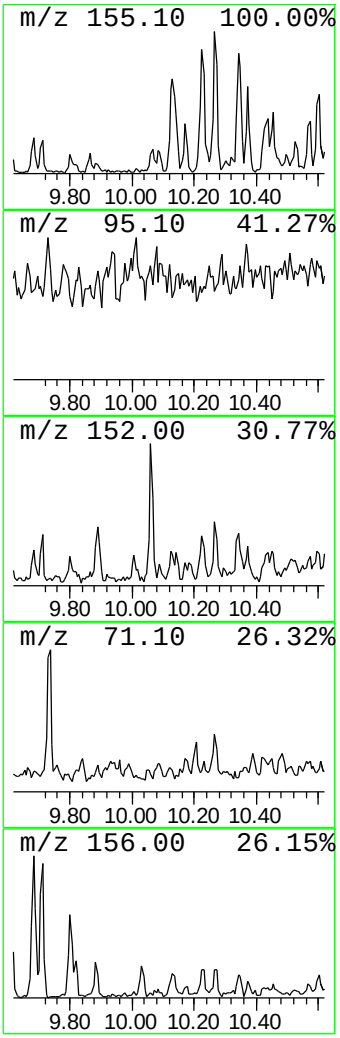
Peak Number 13 Naphthalene, 2-(1-methyleth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	7.96 ng	342216	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	59
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	53





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Sample : J3906-08
Misc :
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Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

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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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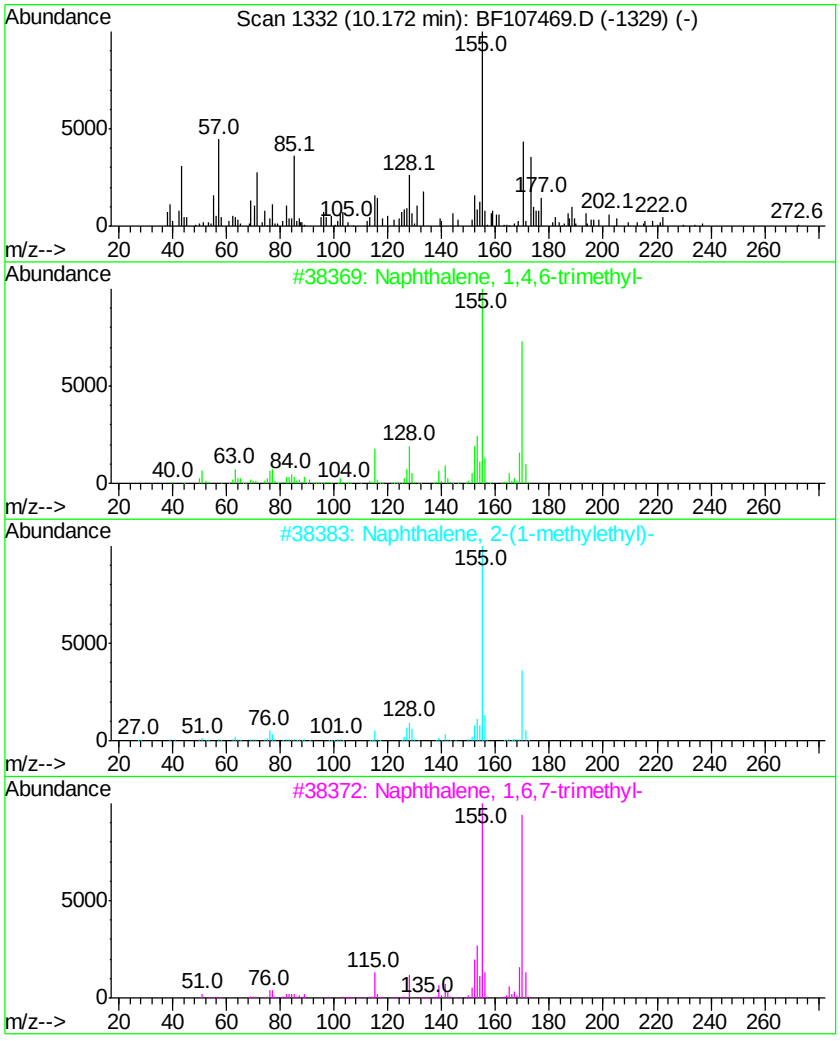
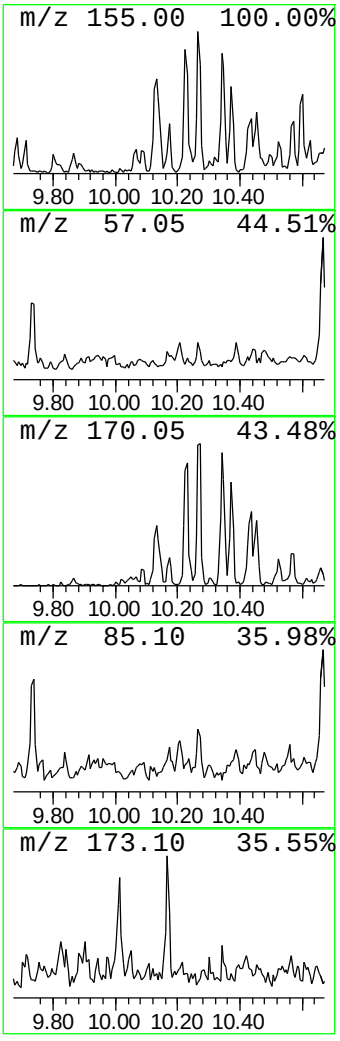
Peak Number 14 unknown10.17 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	6.93 ng	297869	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	49
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	47
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	47
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	46
5	Metharbital	198	C9H14N2O3	000050-11-3	37





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ClientSampleId : STOCKPILE-NEWSAN

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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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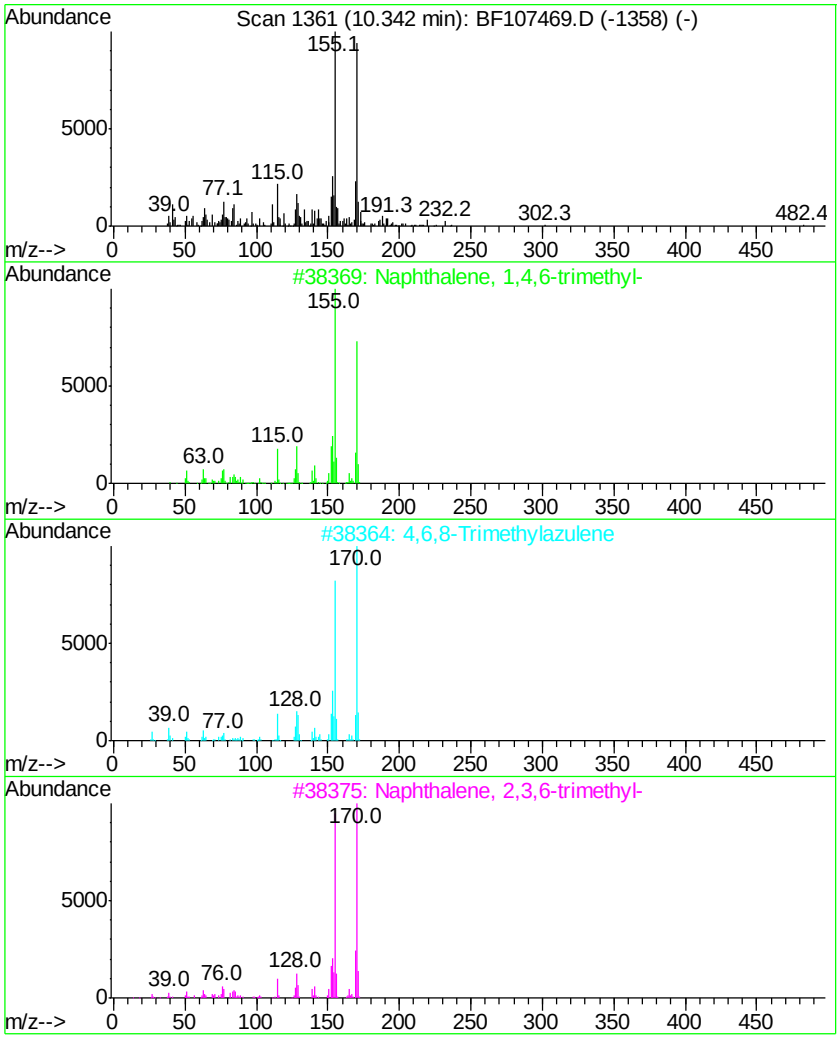
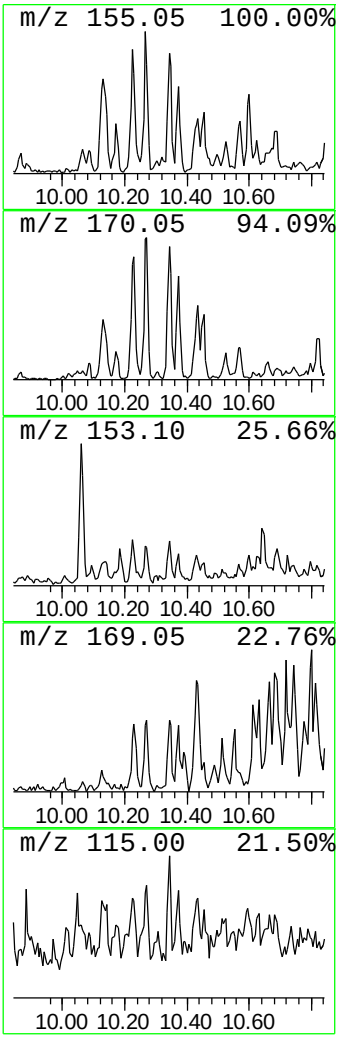
Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	14.46 ng	621516	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





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Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

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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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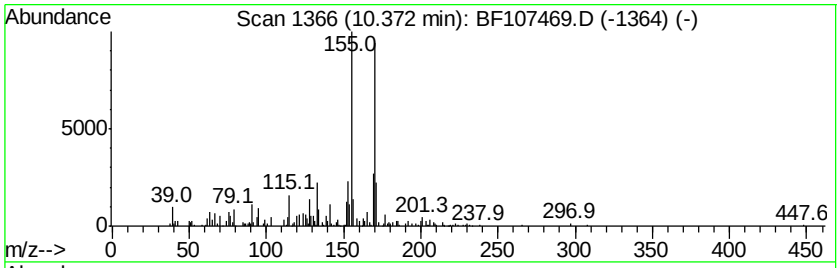
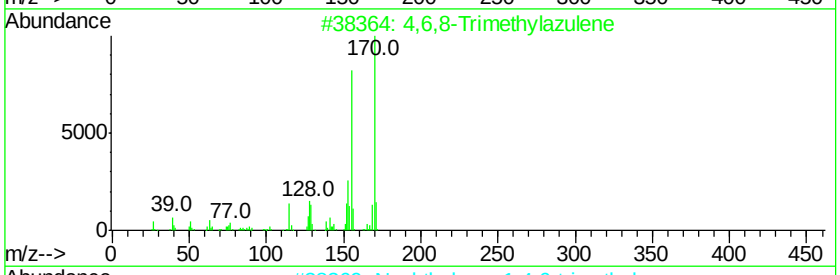
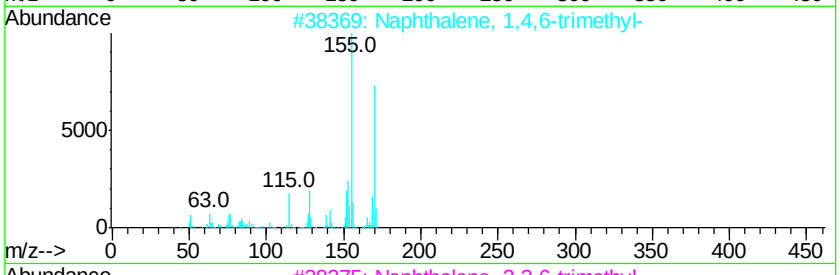
Peak Number 16 4,6,8-Trimethylazulene Concentration Rank 15

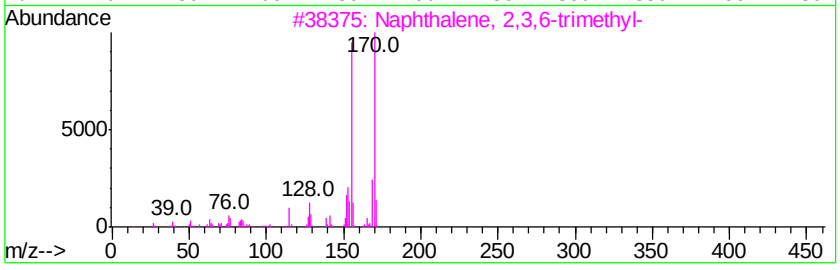
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	6.18 ng	265514	Acenaphthene-d10	10.03

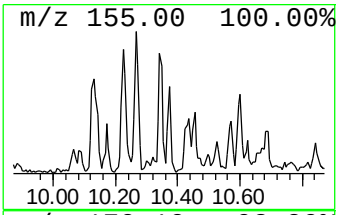
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	81

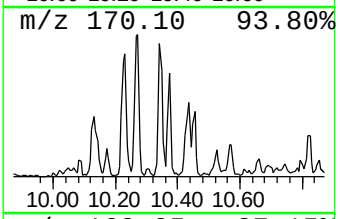


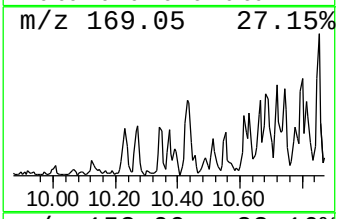


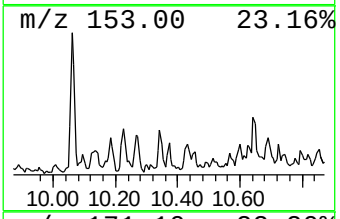


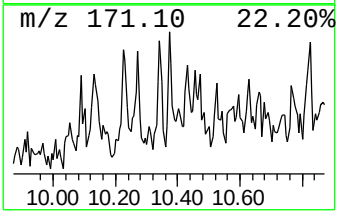












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Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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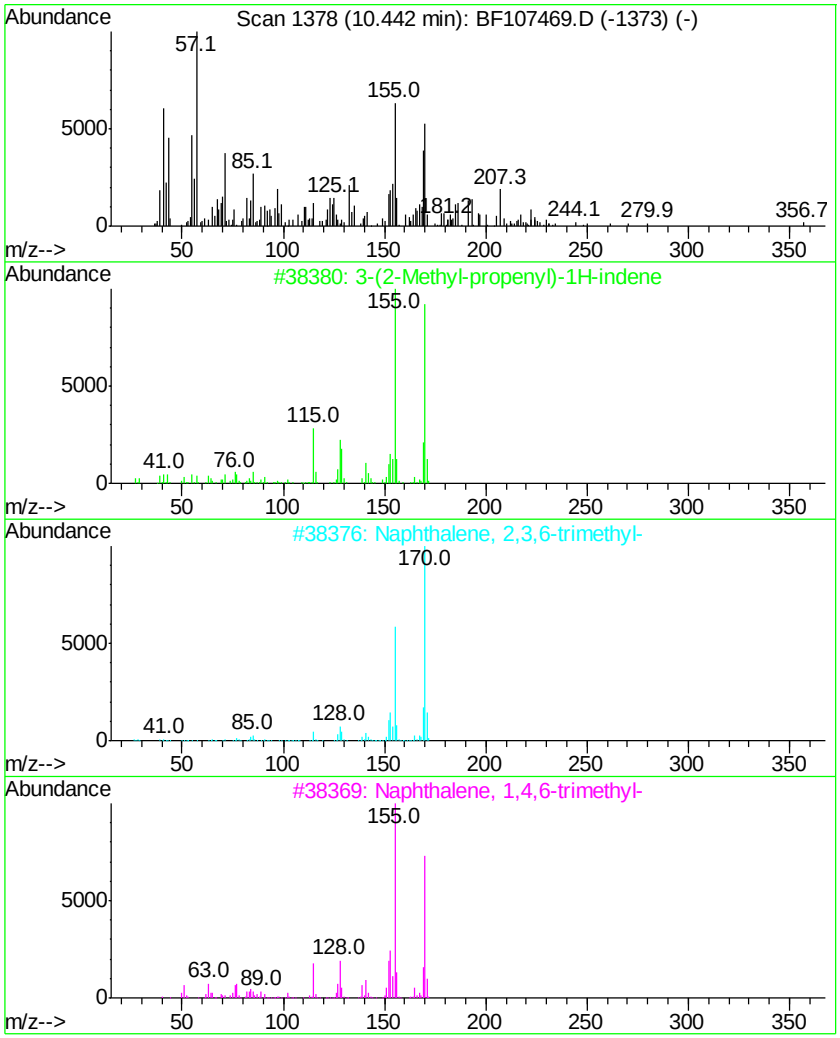
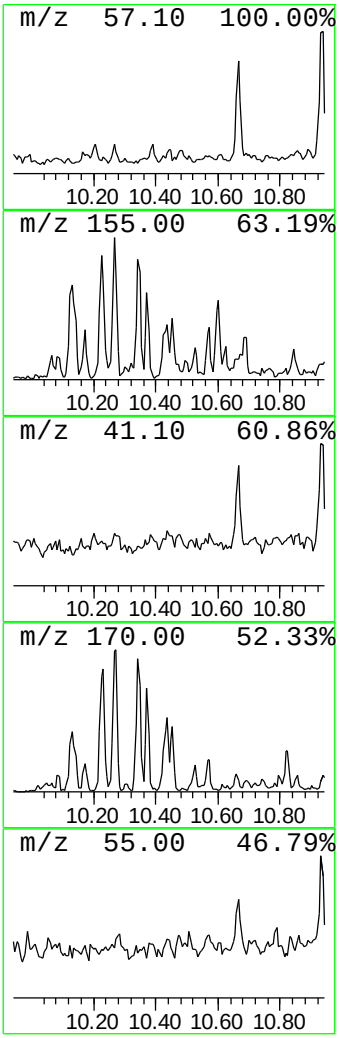
Peak Number 17 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	17.15 ng	736985	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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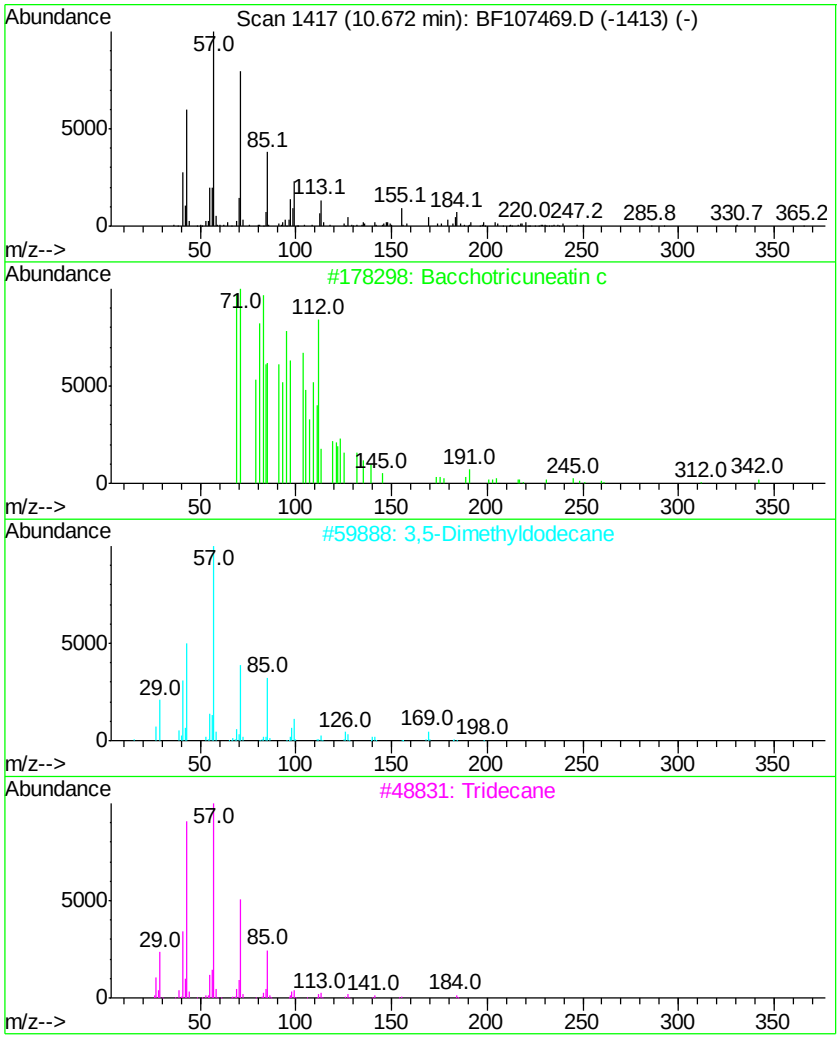
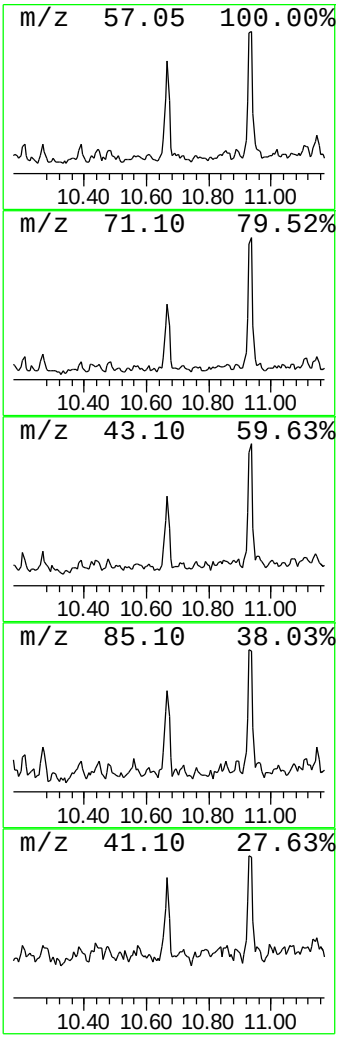
Peak Number 18 Bacchotricuneatin c Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	20.67 ng	888235	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	92
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	81
3	Tridecane	184	C13H28	000629-50-5	76
4	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	74
5	Tetracosane	338	C24H50	000646-31-1	64





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Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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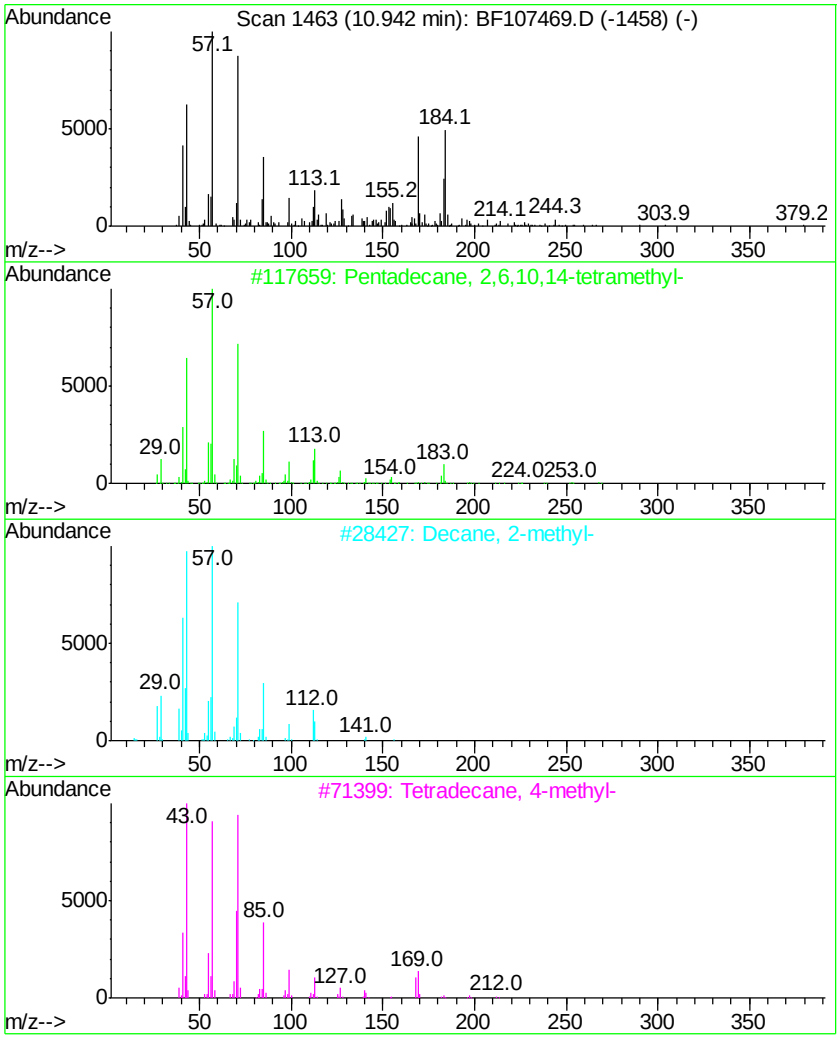
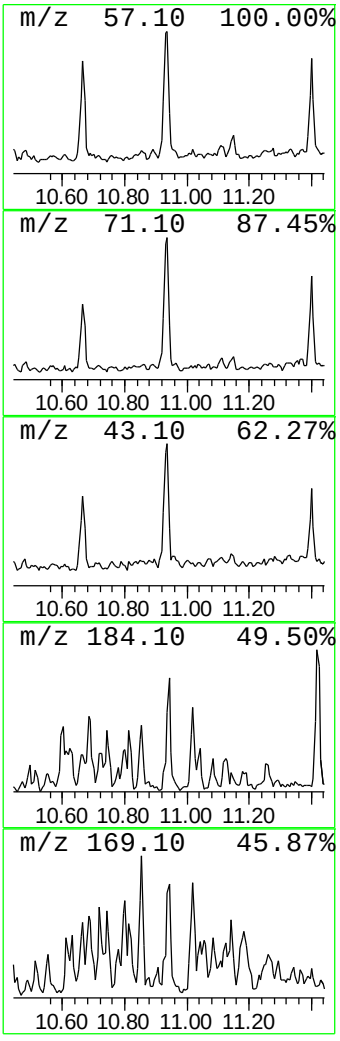
Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	39.17 ng	1889890	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2	Decane, 2-methyl-	156	C11H24	006975-98-0	74
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	70
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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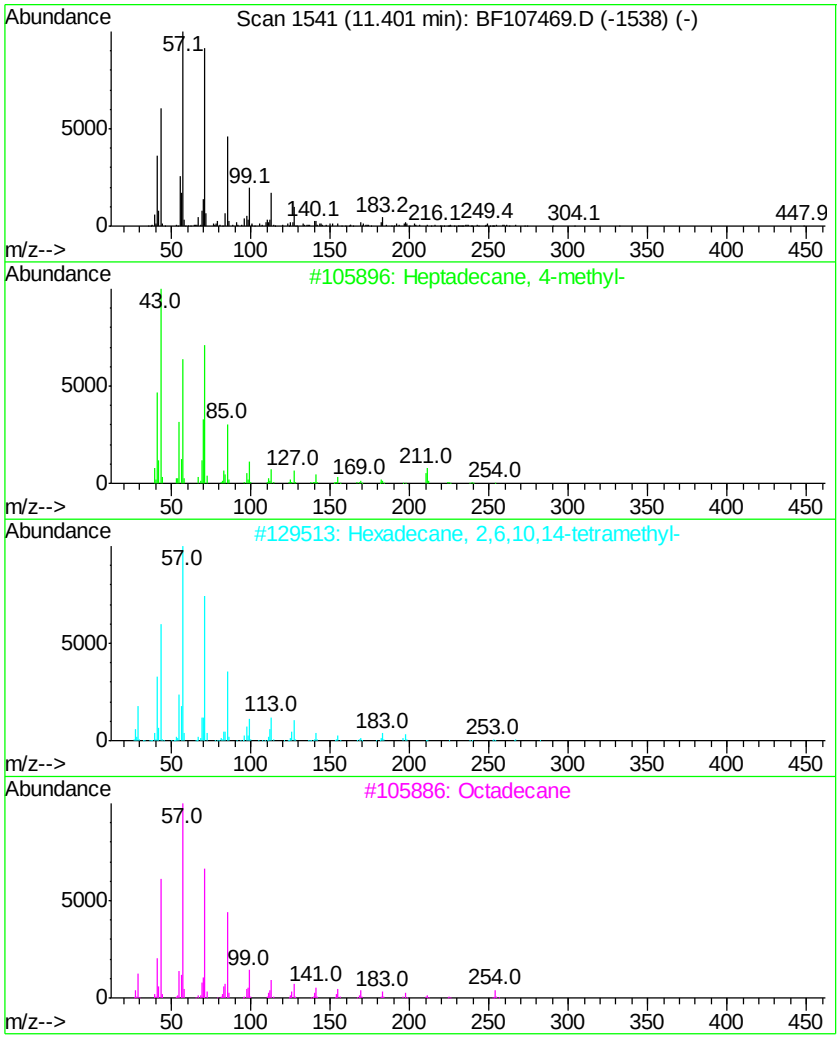
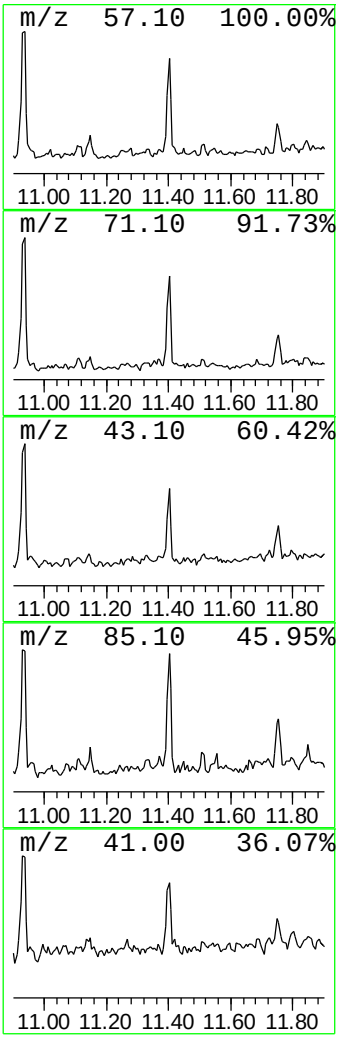
Peak Number 20 Heptadecane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	19.09 ng	921281	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Octadecane	254	C18H38	000593-45-3	83
4	Hexacosane	366	C26H54	000630-01-3	83
5	Hentriacontane	437	C31H64	000630-04-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
Data File : BF107469.D
Acq On : 18 Jul 2018 11:34
Operator : JU/SJ
Sample : J3906-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-NEWSAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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
2-Pentanone, 4-hy...	5.22	8.6	ng	369063	1	6.98	855983	20.0
unknown6.75	6.75	72.0	ng	3079440	1	6.98	855983	20.0
unknown7.62	7.62	4.2	ng	180050	1	6.98	855983	20.0
unknown8.35	8.35	3.9	ng	318366	2	8.27	1640190	20.0
unknown8.55	8.55	4.3	ng	356421	2	8.27	1640190	20.0
Benzene, (1-methy...	8.73	4.0	ng	329412	2	8.27	1640190	20.0
unknown8.77	8.77	4.1	ng	339647	2	8.27	1640190	20.0
Octane, 2-methyl-	9.28	7.9	ng	341169	3	10.03	859412	20.0
Naphthalene, 2,6-...	9.61	8.6	ng	369239	3	10.03	859412	20.0
Naphthalene, 2,7-...	9.68	7.4	ng	316879	3	10.03	859412	20.0
unknown9.89	9.89	6.8	ng	293339	3	10.03	859412	20.0
Naphthalene, 2-(1...	10.12	8.0	ng	342216	3	10.03	859412	20.0
unknown10.17	10.17	6.9	ng	297869	3	10.03	859412	20.0
Naphthalene, 1,4,...	10.34	14.5	ng	621516	3	10.03	859412	20.0
4,6,8-Trimethylaz...	10.37	6.2	ng	265514	3	10.03	859412	20.0
3-(2-Methyl-prope...	10.44	17.1	ng	736985	3	10.03	859412	20.0
Bacchotricuneatin c	10.67	20.7	ng	888235	3	10.03	859412	20.0
Pentadecane, 2,6,...	10.94	39.2	ng	1889890	4	11.52	964967	20.0
Heptadecane, 4-me...	11.40	19.1	ng	921281	4	11.52	964967	20.0