LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

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-BF061918.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	5.184	481	484	495	rBV	71769	80555	5.16%	0.483%
2	5.595	550	554	566	rBV	735781	726373	46.53%	4.356%
3	6.225	658	661	664	rBV	44866	41132	2.63%	0.247%
4	6.395	682	690	693	rBV4	14614	18705	1.20%	0.112%
5	6.589	720	723	730	rVB	458416	465041	29.79%	2.789%
6	6.731	743	747	750	rBV	1425805	1233556	79.01%	7.398%
7	6.907	774	777	781	rBV2	13932	18249	1.17%	0.109%
8	6.954	781	785	788	rVV	449343	355967	22.80%	2.135%
9	7.048	799	801	805	rVB2	14477	19712	1.26%	0.118%
10	7.113	808	812	815	rVB	1217409	1189482	76.19%	7.134%
11	7.478	867	874	877	rBV6	23878	48431	3.10%	0.290%
12	7.519	877	881	884	rVV	999004	899290	57.60%	5.393%
13	7.542	884	885	888	rVB	96945	59260	3.80%	0.355%
14	7.583	888	892	896	rBV5	25236	37896	2.43%	0.227%
15	7.636	896	901	903	rVB4	13891	21118	1.35%	0.127%
16	7.672	903	907	909	rBV2	26251	28230	1.81%	0.169%
17	7.760	919	922	927	rVB	544312	443164	28.39%	2.658%
18	7.813	927	931	934	rBV3	19173	34678	2.22%	0.208%
19	7.942	946	953	957	rBV2	316292	404084	25.88%	2.423%
20	7.978	957	959	962	rVB	232446	178108	11.41%	1.068%
21	8.036	965	969	972	rBV2	77673	85289	5.46%	0.511%
22	8.072	972	975	976	rBV3	47458	49332	3.16%	0.296%
23	8.083	976	977	982	rVB2	83601	86924	5.57%	0.521%
24	8.136	982	986	989	rBV	668476	557291	35.70%	3.342%
25	8.172	989	992	994	rBV2	50596	45742	2.93%	0.274%
26	8.236	999	1003	1004	rVV	478660	416225	26.66%	2.496%
27	8.254	1004	1006	1009	rVV	898482	733455	46.98%	4.399%
28	8.278	1009	1010	1013	rVB2	88399	54553	3.49%	0.327%
29	8.313	1013	1016	1019	rBV4	31239	27821	1.78%	0.167%
30	8.372	1021	1026	1029	rBV2	28196	39596	2.54%	0.237%
31	8.407	1029	1032	1033	rBV2	28191	30159	1.93%	0.181%
32	8.430	1033	1036	1043	rVB3	51789	61821	3.96%	0.371%
33	8.513	1043	1050	1055	rVB7	31184	78181	5.01%	0.469%
34	8.566	1055	1059	1064	rBV6	48571	97671	6.26%	0.586%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.636	1069	1071	1073	rVV	59755	55891	3.58%	0.335%
36	8.666	1073	1076	1085	rVB5	68717	103250	6.61%	0.619%
37	8.730	1085	1087	1090	rBV	31588	26588	1.70%	0.159%
38	8.766	1090	1093	1095	rBV2	58718	48025	3.08%	0.288%
39	8.848	1104	1107	1110	rBV3	39854	43429	2.78%	0.260%
40	8.878	1110	1112	1114	rBV2	36455	32836	2.10%	0.197%
41	8.942	1121	1123	1125	rBV	49957	40045	2.57%	0.240%
42	8.977	1125	1129	1132	rVV	853800	806026	51.63%	4.834%
43	9.001	1132	1133	1139	rVB6	55294	69971	4.48%	0.420%
44	9.101	1146	1150	1153	rBV2	139350	137143	8.78%	0.822%
45	9.130	1153	1155	1158	rVB3	30113	28452	1.82%	0.171%
46	9.236	1171	1173	1175	rVB	47819	32617	2.09%	0.196%
47	9.307	1181	1185	1189	rBV	1642659	1470647	94.20%	8.820%
48	9.383	1196	1198	1200	rVB2	30169	20408	1.31%	0.122%
49	9.413	1201	1203	1205	rVB3	29963	18854	1.21%	0.113%
50	9.489	1214	1216	1219	rVB2	21108	19512	1.25%	0.117%
51	9.654	1242	1244	1247	rVB3	26793	24146	1.55%	0.145%
52	9.695	1247	1251	1254	rBV2	109763	127393	8.16%	0.764%
53	9.783	1263	1266	1272	rVB4	30122	38188	2.45%	0.229%
54	9.848	1274	1277	1279	rBV3	31236	25787	1.65%	0.155%
55	9.948	1291	1294	1296	rBV2	25203	28864	1.85%	0.173%
56	9.995	1299	1302	1306	rVV	382349	336685	21.57%	2.019%
57	10.307	1351	1355	1357	rBV4	18024	21987	1.41%	0.132%
58	10.336	1359	1360	1365	rVB4	17945	22360	1.43%	0.134%
59	10.401	1365	1371	1373	rBV	44204	52807	3.38%	0.317%
60	10.624	1404	1409	1411	rBV	30106	37090	2.38%	0.222%
61	10.789	1433	1437	1440	rBV	866892	793060	50.80%	4.756%
62	10.877	1449	1452	1461	rVB5	33867	73473	4.71%	0.441%
63	11.489	1552	1556	1559	rBV	367673	350334	22.44%	2.101%
64	12.118	1660	1663	1666	rVB3	28697	29654	1.90%	0.178%
65	12.224	1677	1681	1684	rVB2	54010	53417	3.42%	0.320%
66	12.336	1696	1700	1704	rVB	161219	147795	9.47%	0.886%
67	12.424	1712	1715	1719	rVB3	17661	17789	1.14%	0.107%
68	12.507	1726	1729	1732	rBV2	75555	71562	4.58%	0.429%
69	12.701	1759	1762	1765	rBV	41639	45956	2.94%	0.276%
70	12.730	1765	1767	1771	rVB	32616	32810	2.10%	0.197%
71	12.936	1797	1802	1807	rBV	53151	80295	5.14%	0.482%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.036	1817	1819	1821	rBV2	22677	22424	1.44%	0.134%
73	13.071	1821	1825	1828	rVV	1732975	1561178	100.00%	9.363%
74	13.260	1854	1857	1863	rBV6	30745	44891	2.88%	0.269%
75	13.948	1971	1974	1979	rBV2	102599	114977	7.36%	0.690%
76	14.136	2003	2006	2010	rBV	482334	477603	30.59%	2.864%
77	15.677	2263	2268	2274	rVB	319929	421019	26.97%	2.525%

Sum of corrected areas: 16674329

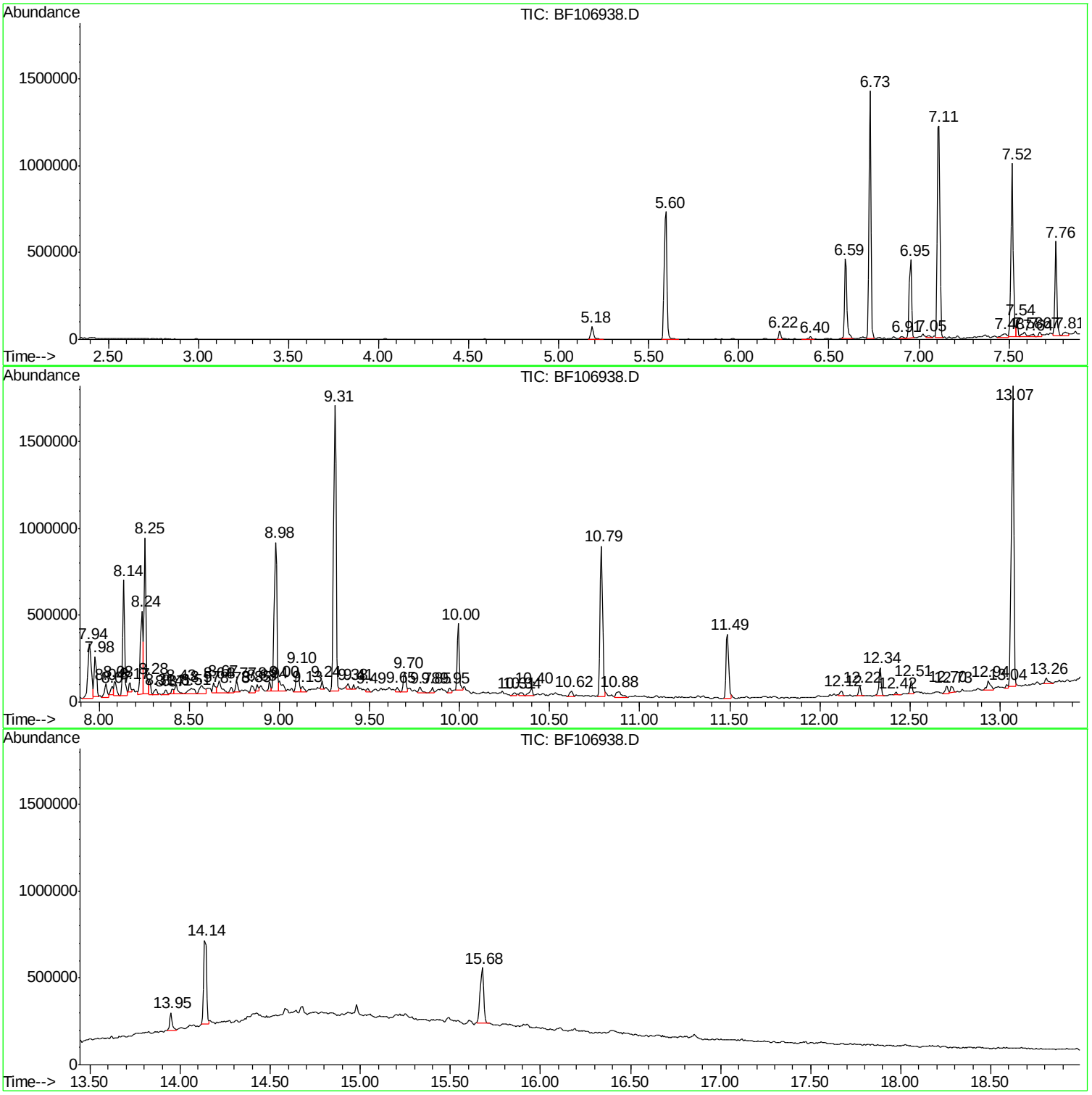
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF062818\
Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

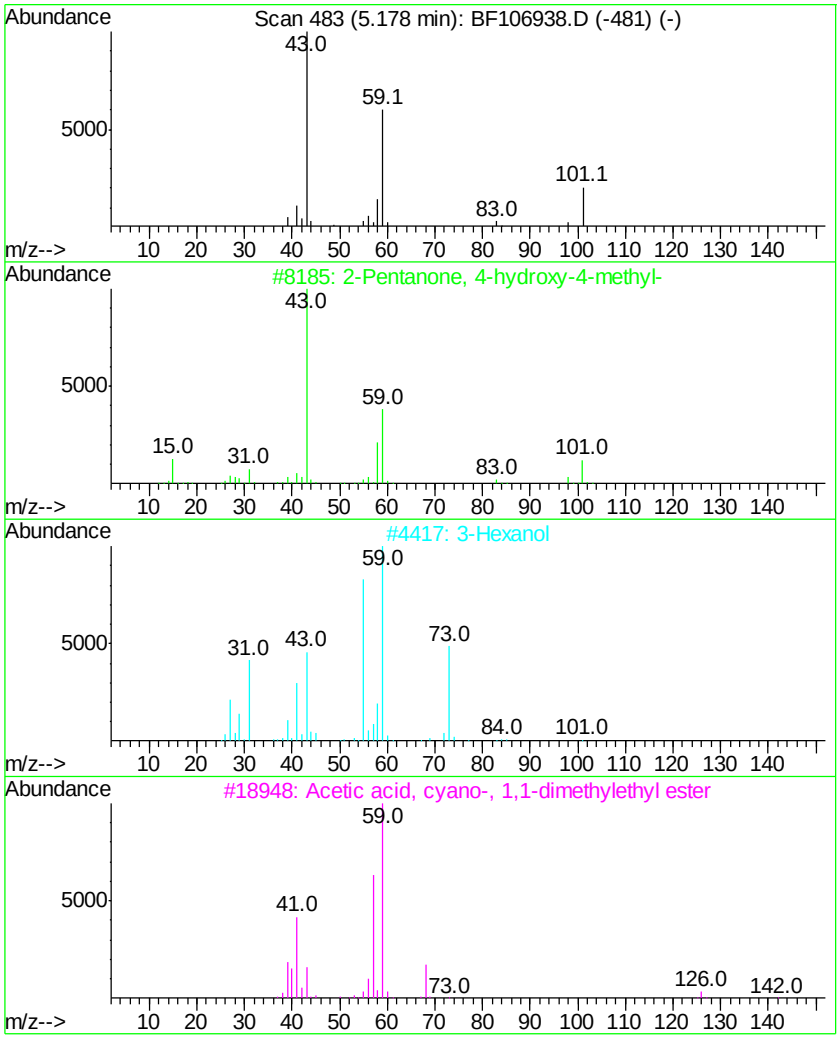
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

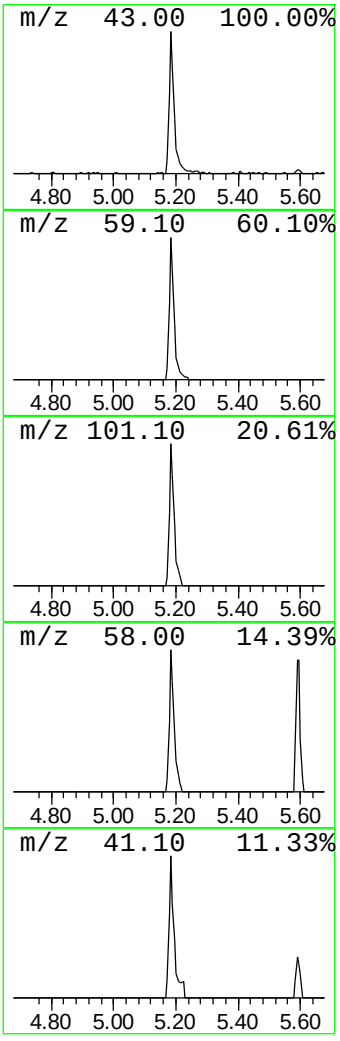
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	4.53 ng	80555	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol	102	C6H14O	000623-37-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

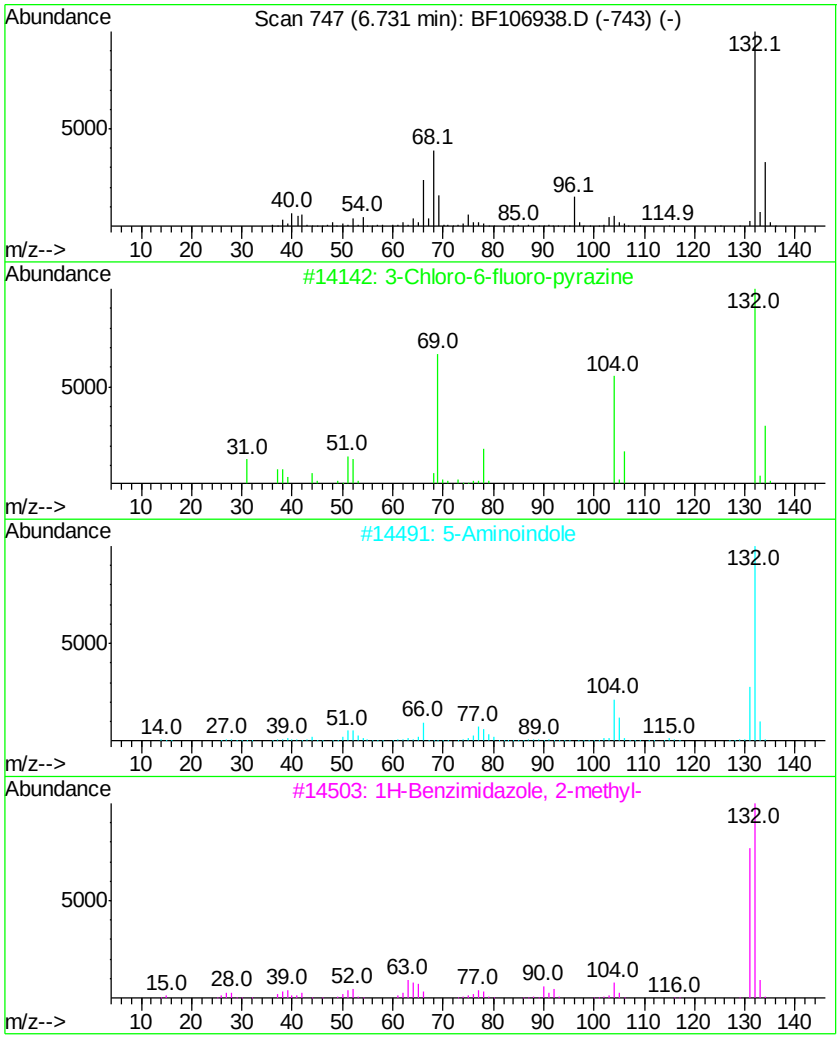
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

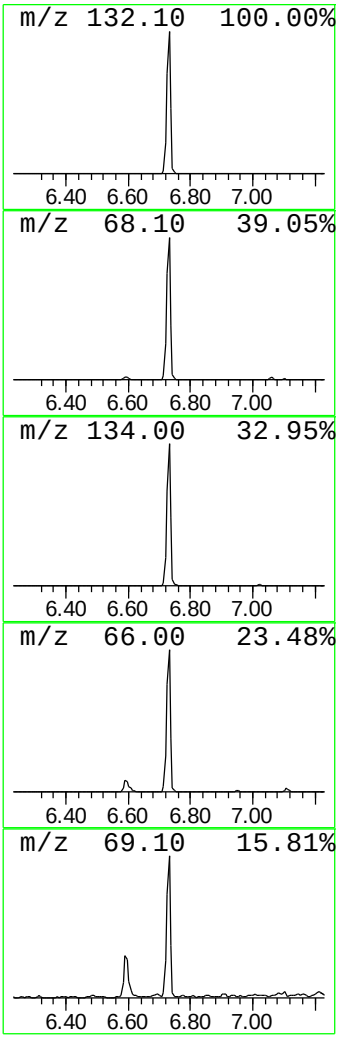
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	69.31 ng	1233560	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

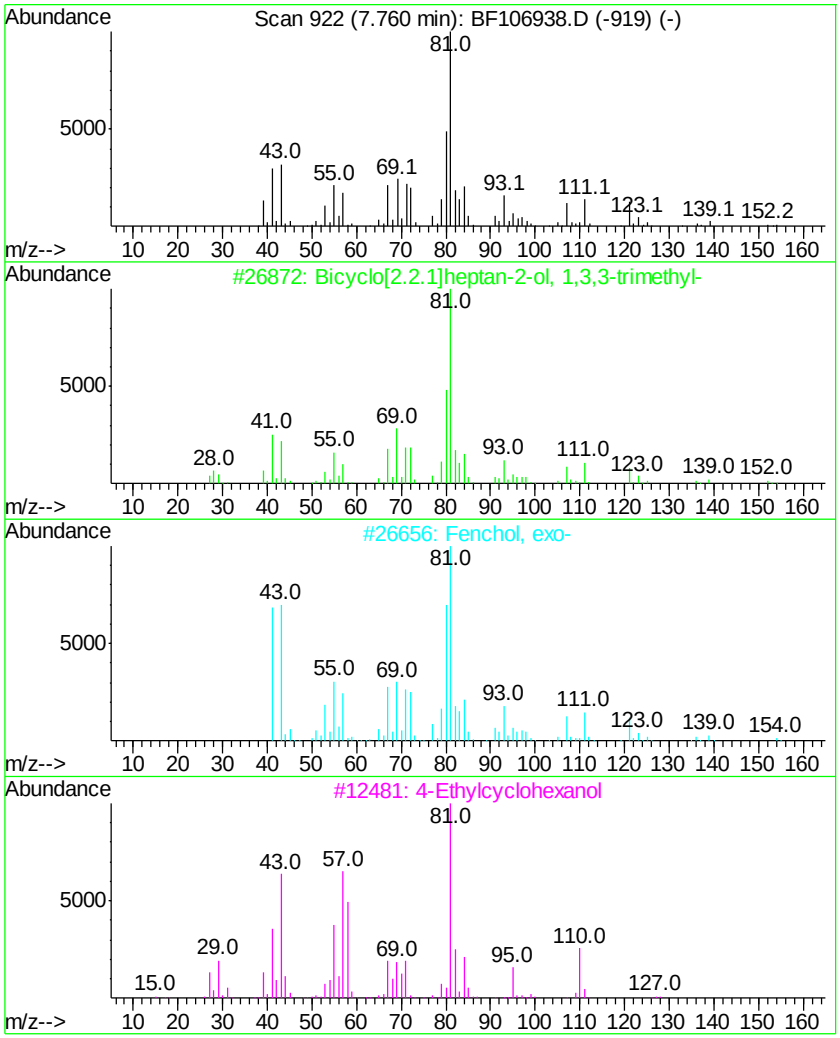
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

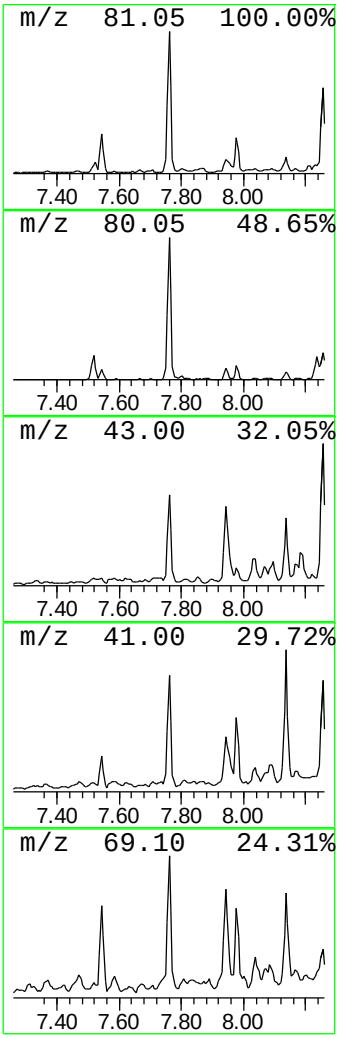
****

Peak Number 4 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	21.29 ng	443164	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	96
2	Fenchol, exo-	154	C10H18O	022627-95-8	92
3	4-Ethylcyclohexanol	128	C8H16O	004534-74-1	38
4	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	35
5	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

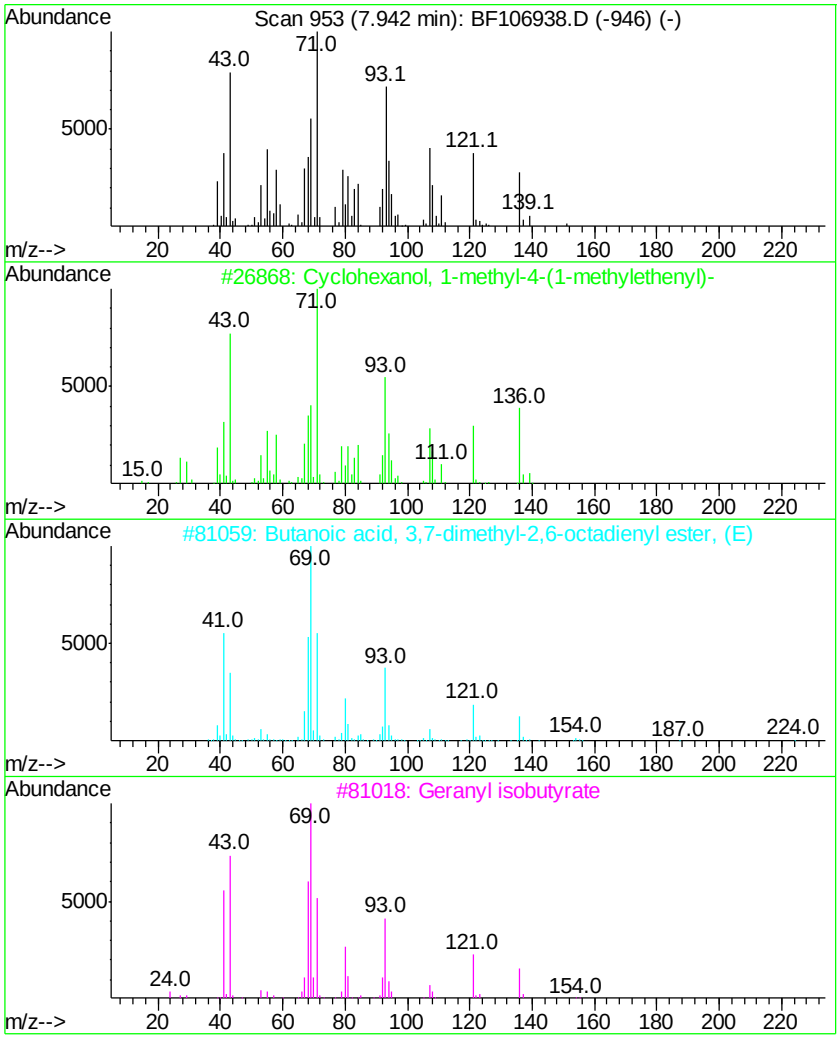
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

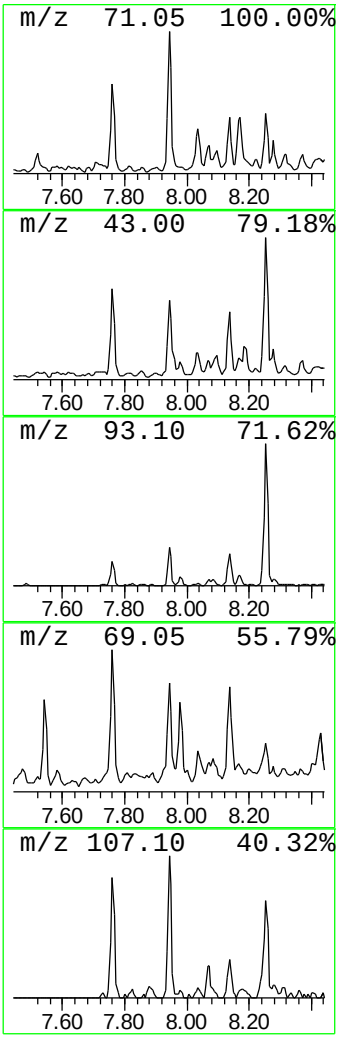
****

Peak Number 5 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	19.42 ng	404084	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	91
2	Butanoic acid, 3,7-dimethyl-2,6-...	224	C14H24O2	000106-29-6	50
3	Geranyl isobutyrate	224	C14H24O2	002345-26-8	50
4	Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	38
5	Dihydrocarvyl acetate	196	C12H20O2	020777-49-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

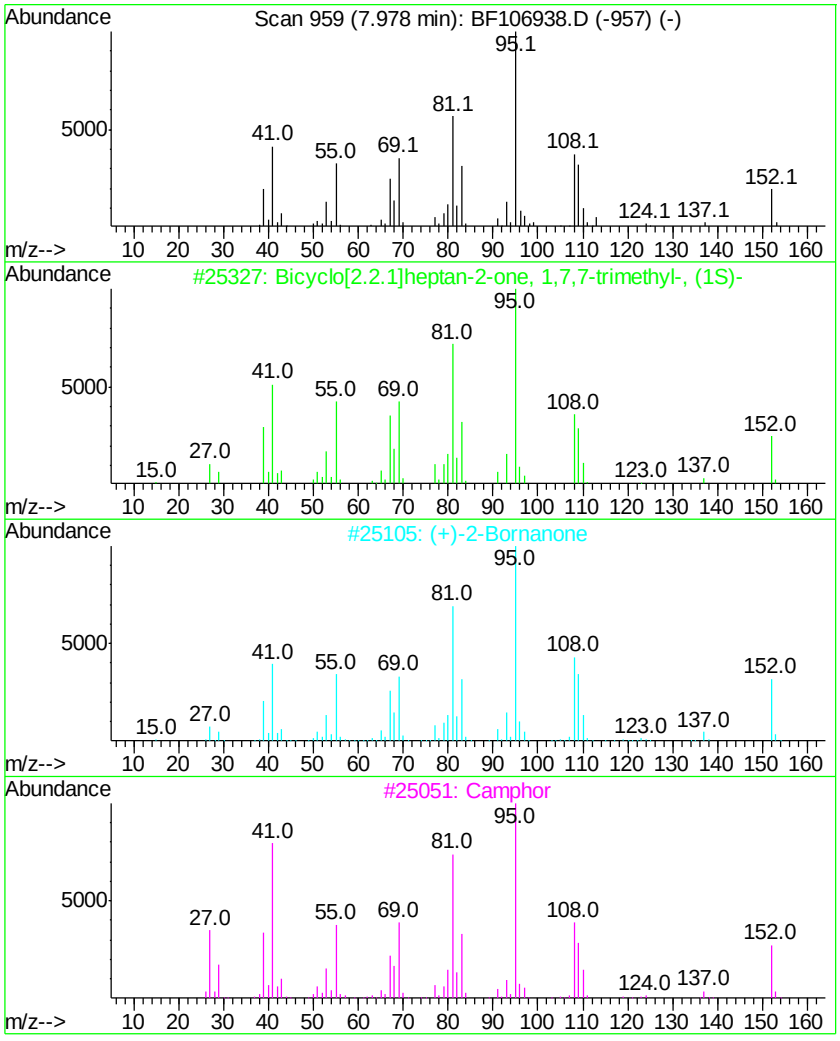
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

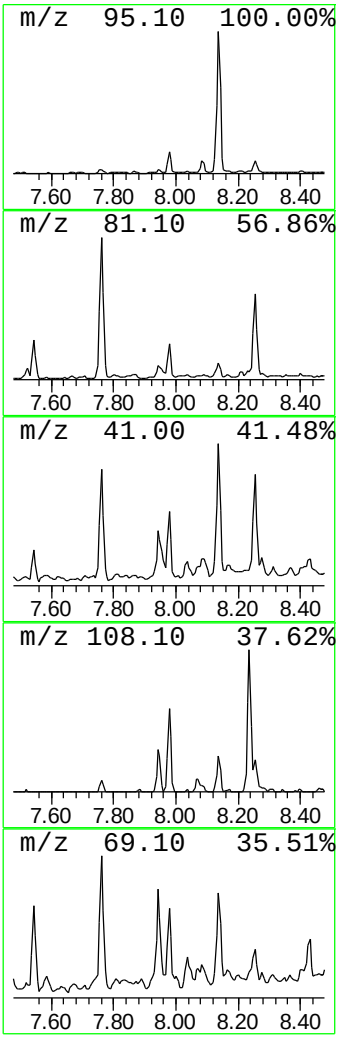
****

Peak Number 6 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	8.56 ng	178108	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
3	Camphor	152	C10H16O	000076-22-2	95
4	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	58
5	Tricyclo[2.2.1.0(2,6)]heptan-3-o...	152	C10H16O	062560-53-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

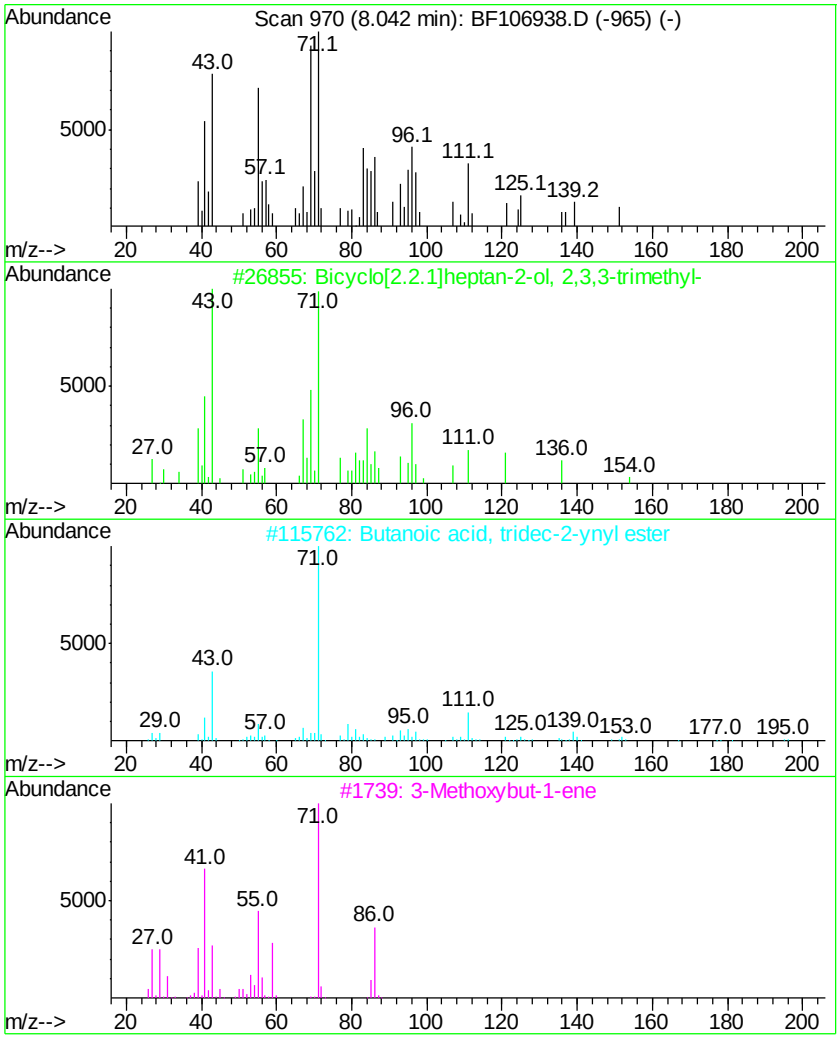
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

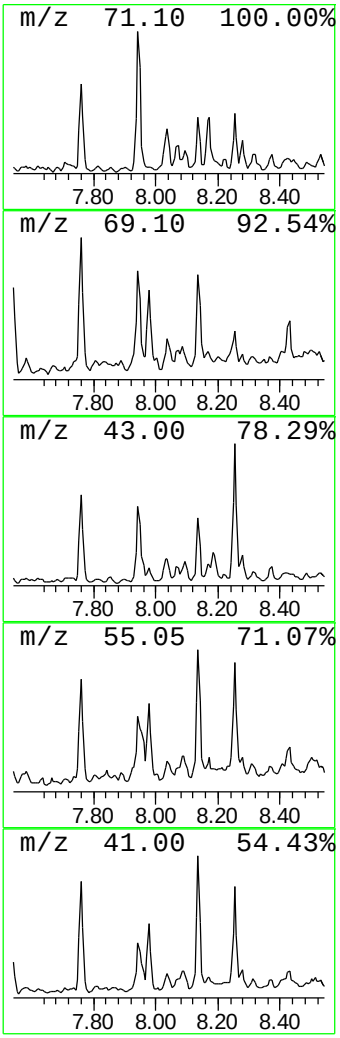
****

Peak Number 7 unknown8.04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	4.10 ng	85289	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	47
2	Butanoic acid, tridec-2-ynyl ester	266	C17H30O2	1000299-12-6	43
3	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	41
4	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	38
5	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	38





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Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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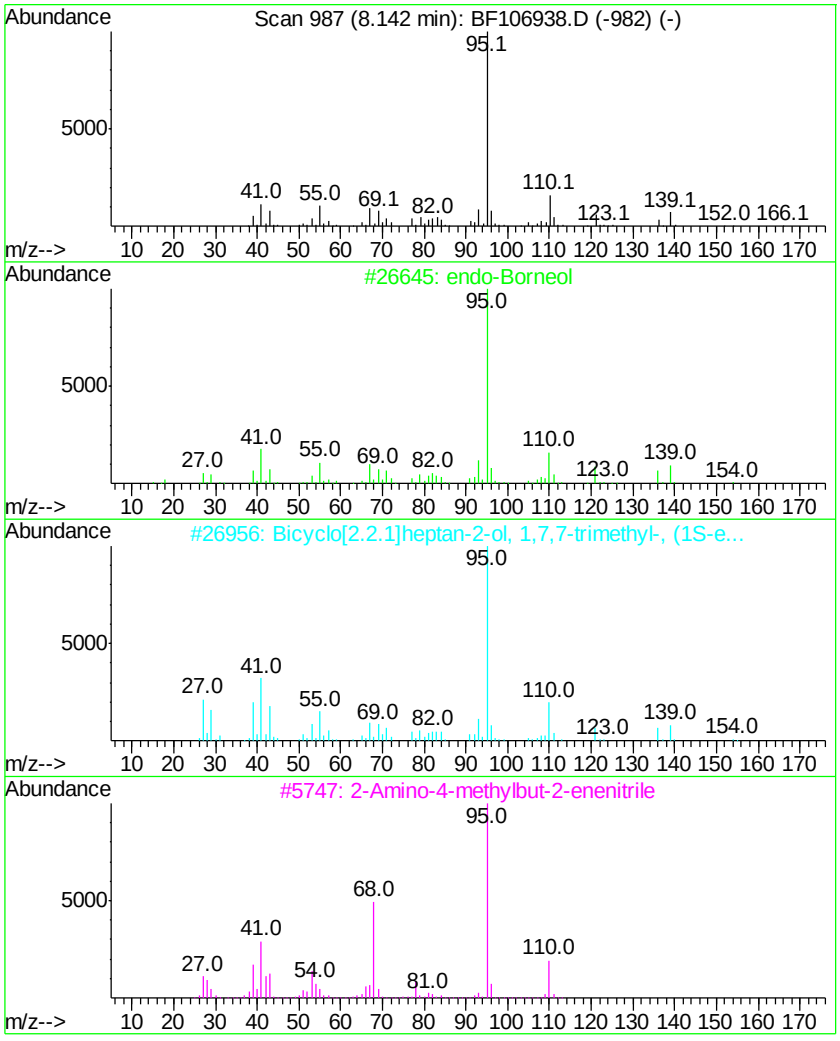
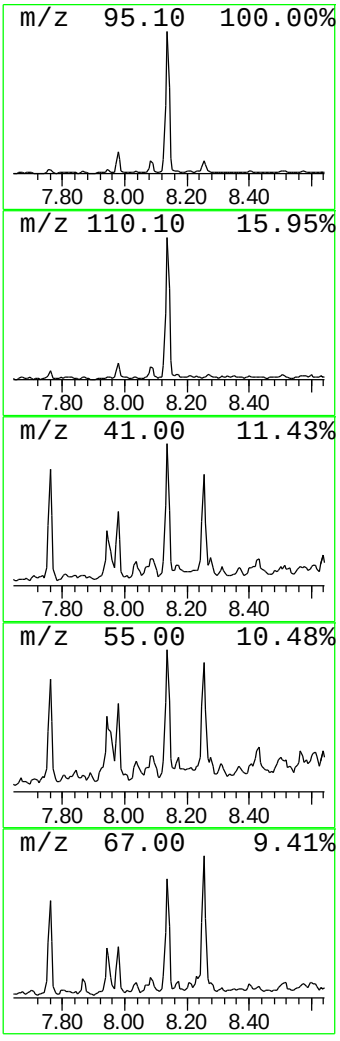
Peak Number 9 endo-Borneol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	26.78 ng	557291	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	91
2	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	83
3	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	72
4	(+)-Borneol	154	C10H18O	1000150-76-3	72
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	64





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Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

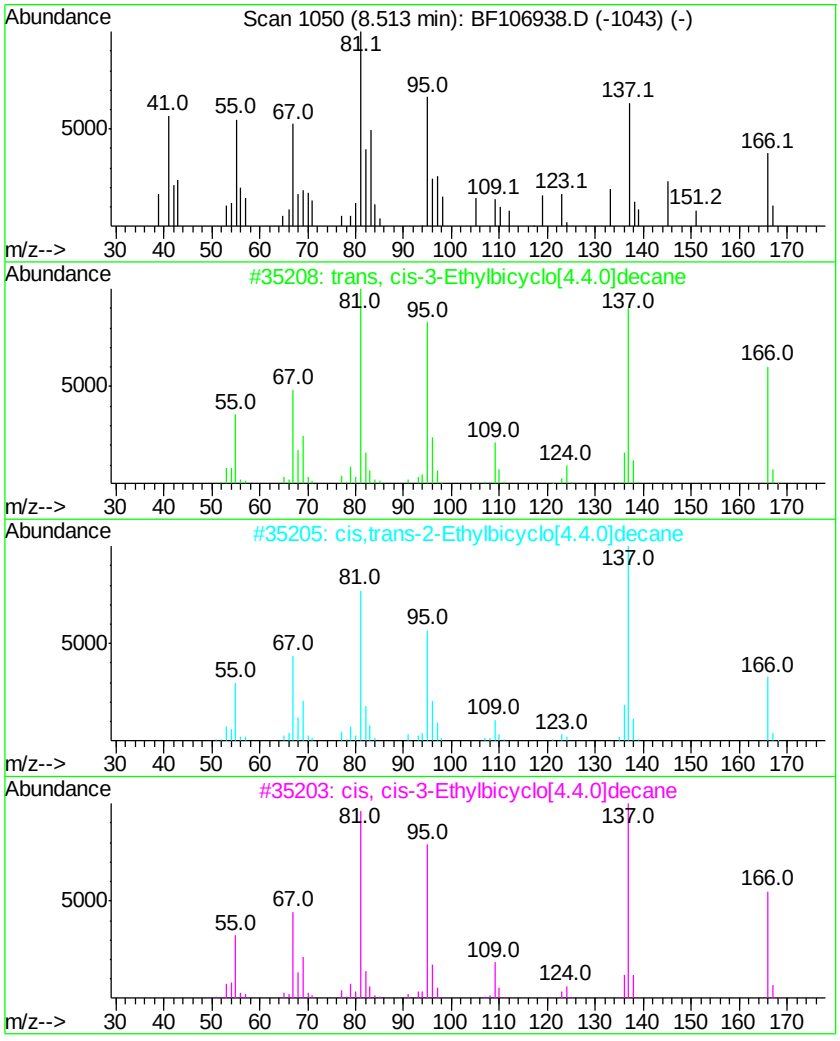
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

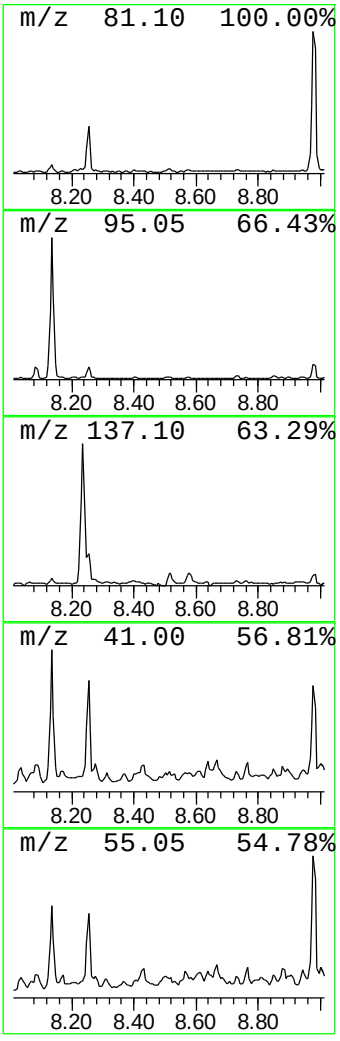
****

Peak Number 10 trans, cis-3-Ethylbicyclo[4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	3.76 ng	78181	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	60
2	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	55
3	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	49
4	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	49
5	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	47





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Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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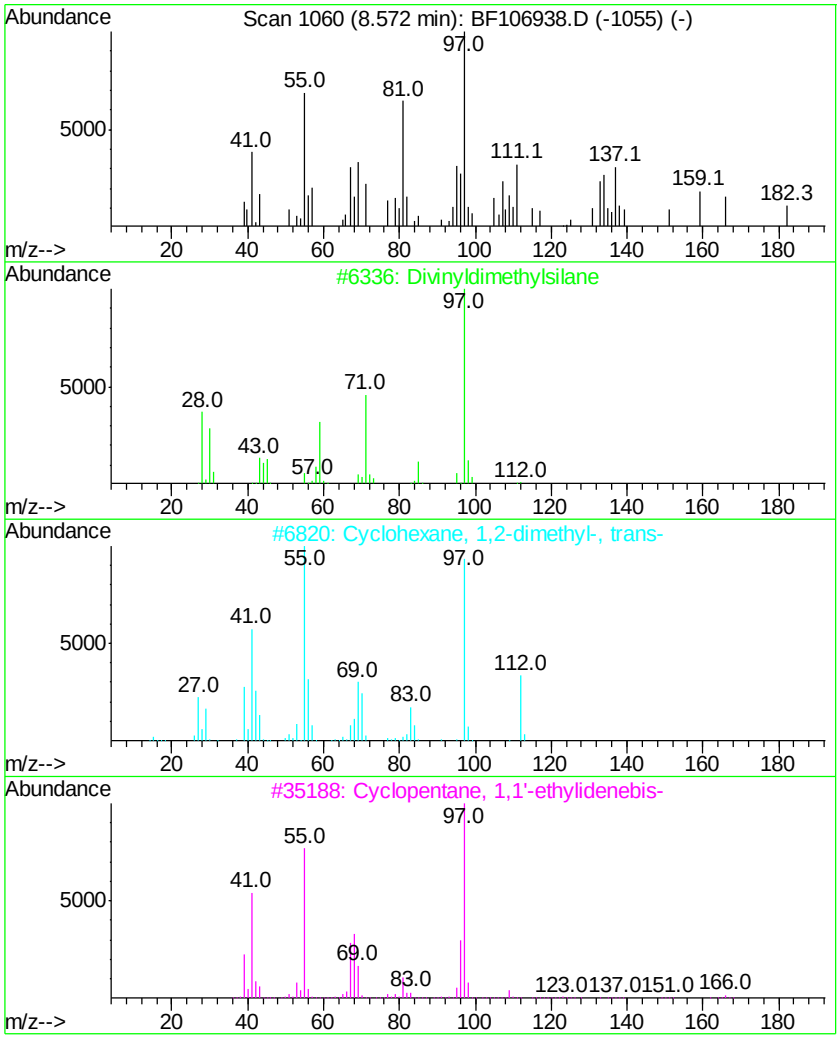
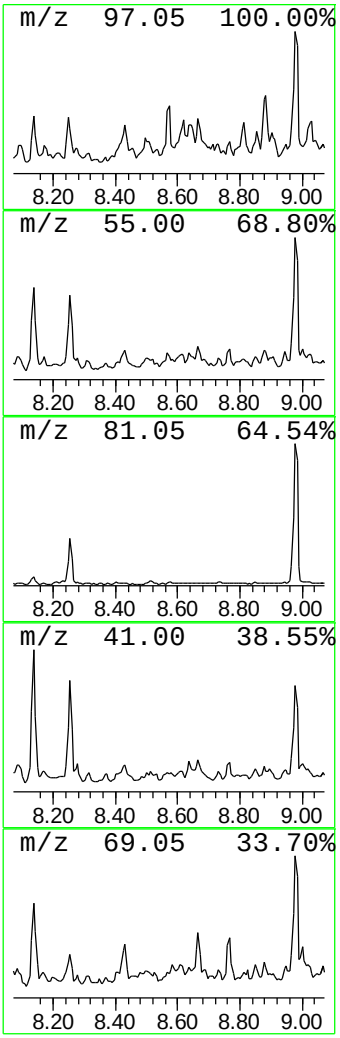
Peak Number 11 unknown8.57 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	4.69 ng	97671	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Divinyldimethylsilane	112	C6H12Si	010519-87-6	22
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	22
3	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	14
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	14
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	14





Library Search Compound Report

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Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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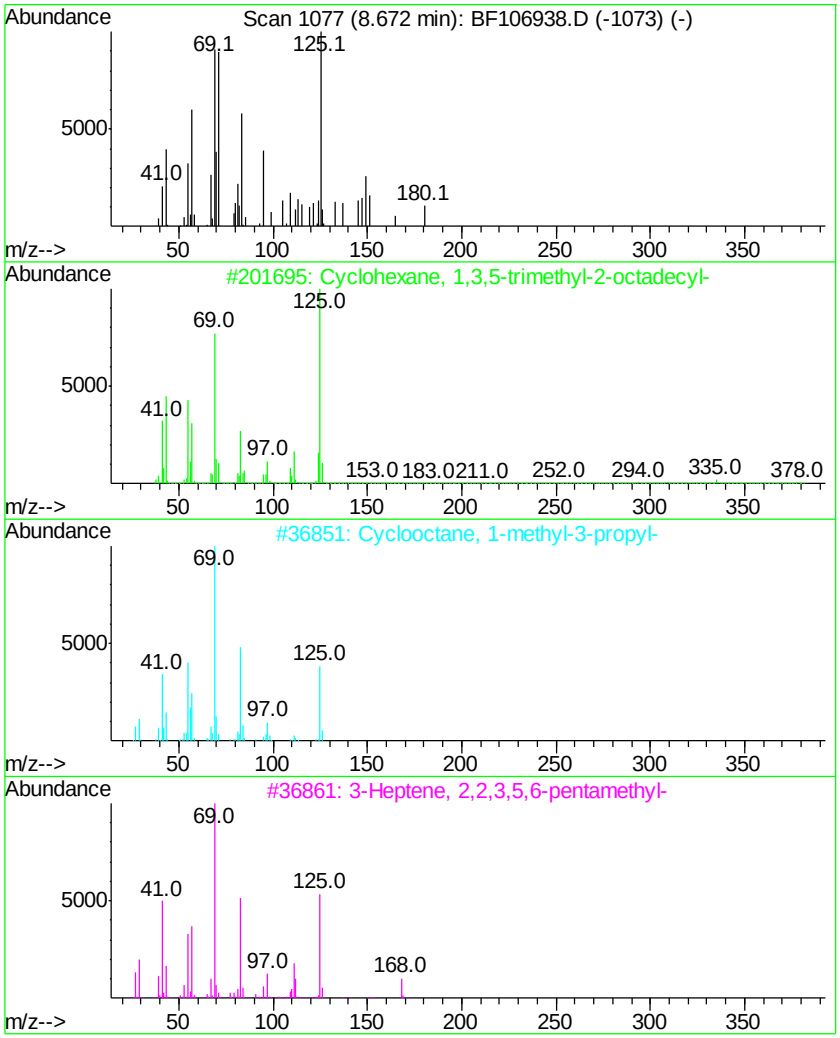
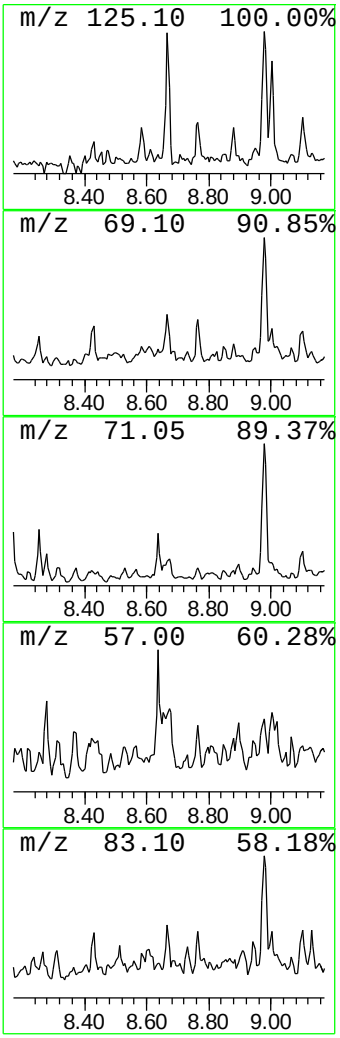
Peak Number 12 Cyclohexane, 1,3,5-trimethy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	4.96 ng	103250	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	59
2	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	59
3	3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	45
4	Cyclohexane, 1,1'-(1-methylethyl...	208	C15H28	054934-90-6	45
5	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	45





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Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

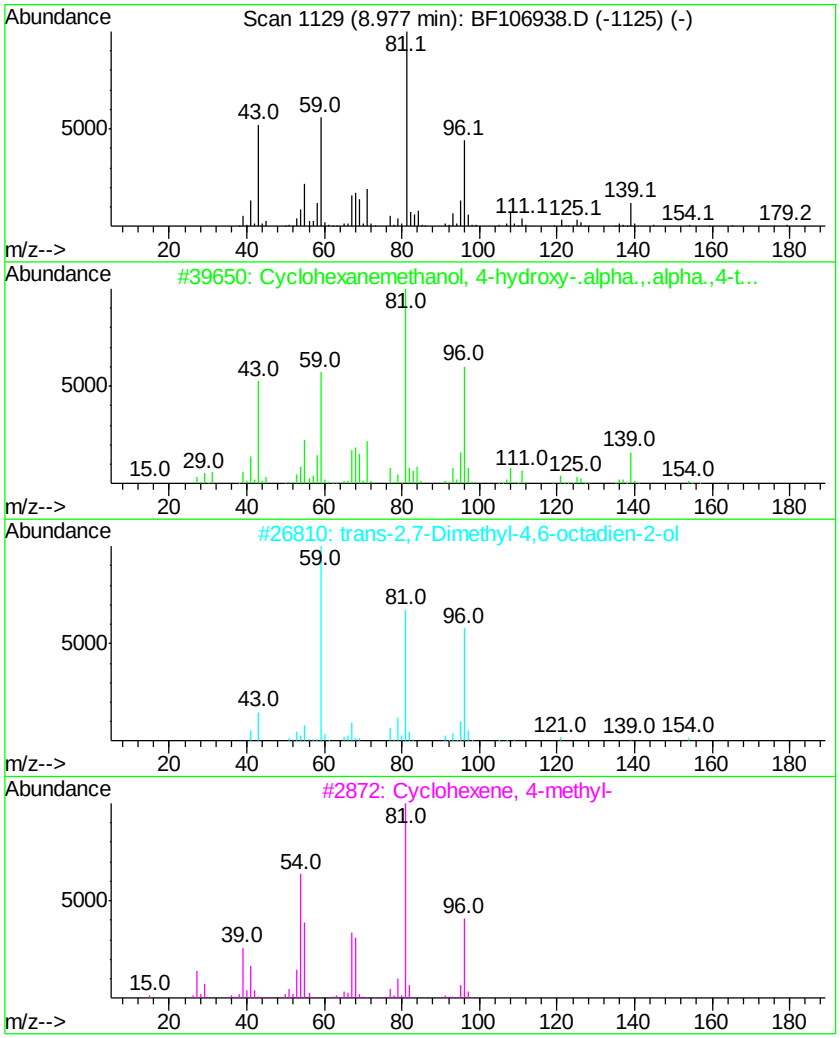
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

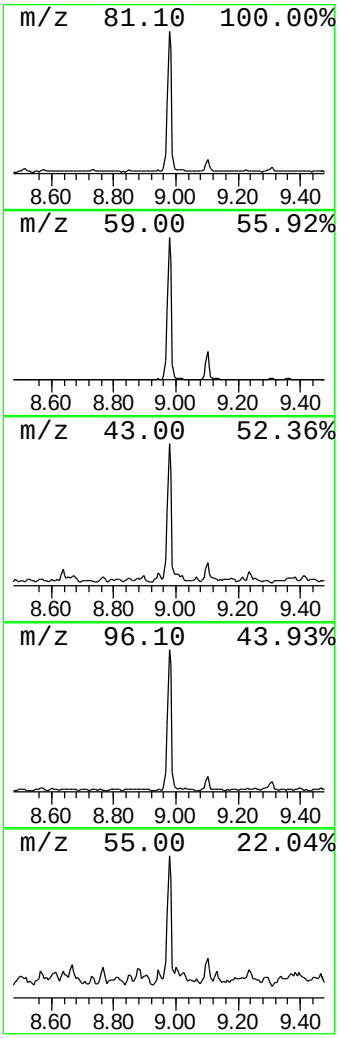
****

Peak Number 13 Cyclohexanemethanol, 4-hydr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	38.73 ng	806026	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	91
2	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	50
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	49
4	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	47
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	47





Library Search Compound Report

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Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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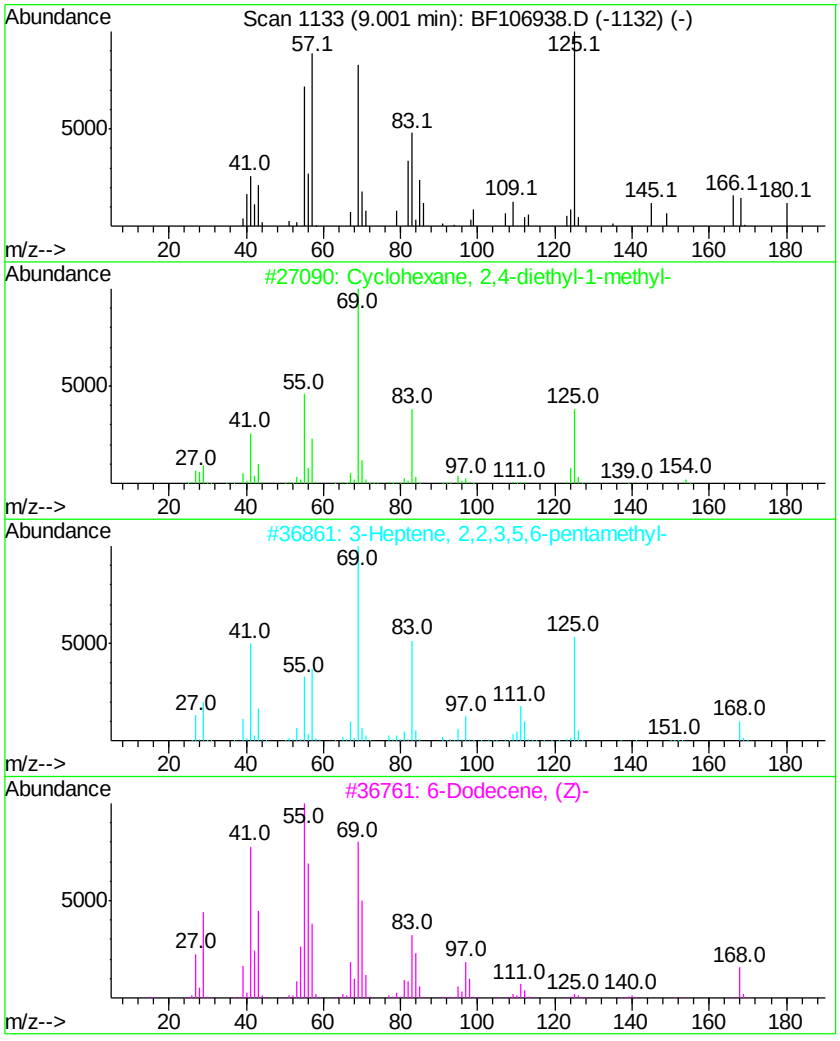
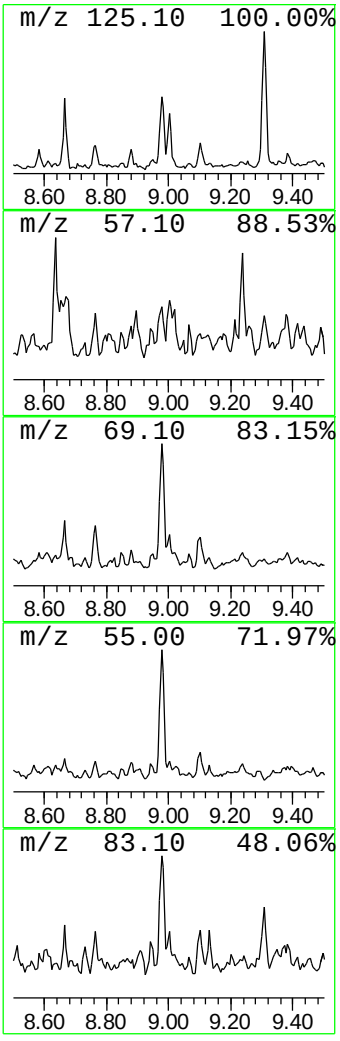
Peak Number 14 unknown9.00 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	3.36 ng	69971	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	40
2	3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	37
3	6-Dodecene, (Z)-	168	C12H24	007206-29-3	35
4	3-Cyclopentylpropionic acid, 6-e...	282	C18H34O2	1000293-37-1	32
5	11-Dodecen-1-ol, 2,4,6-trimethyl...	226	C15H30O	027829-54-5	25





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Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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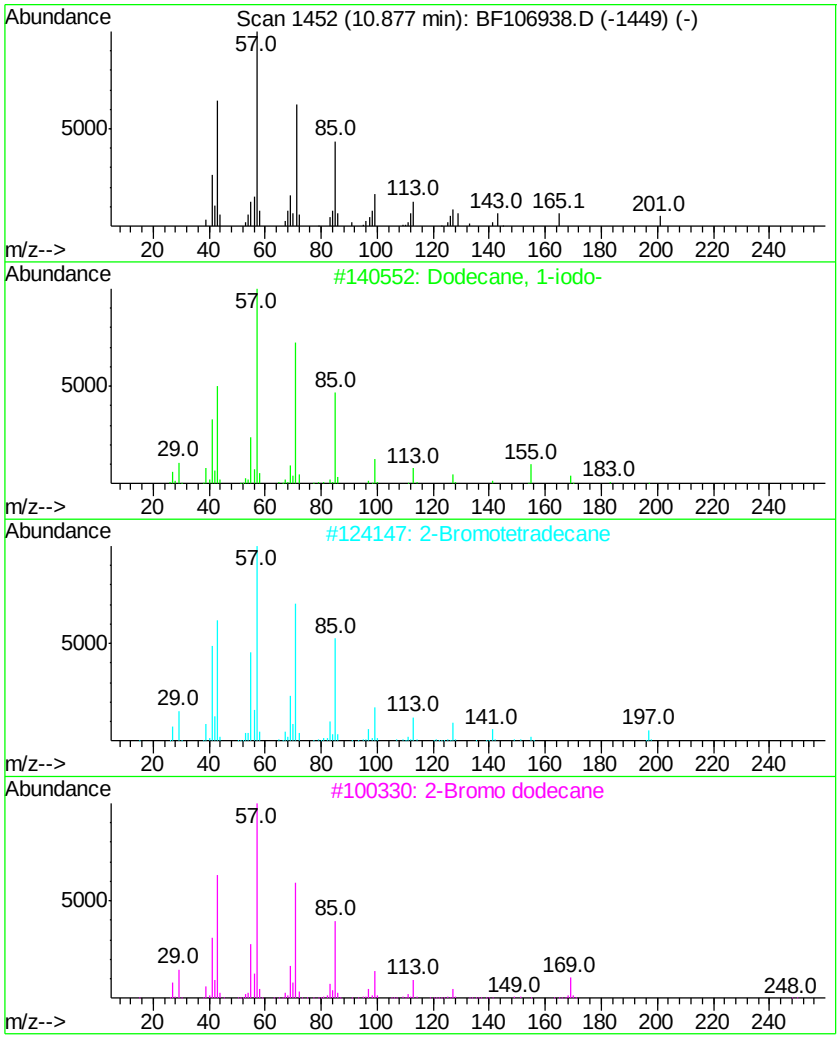
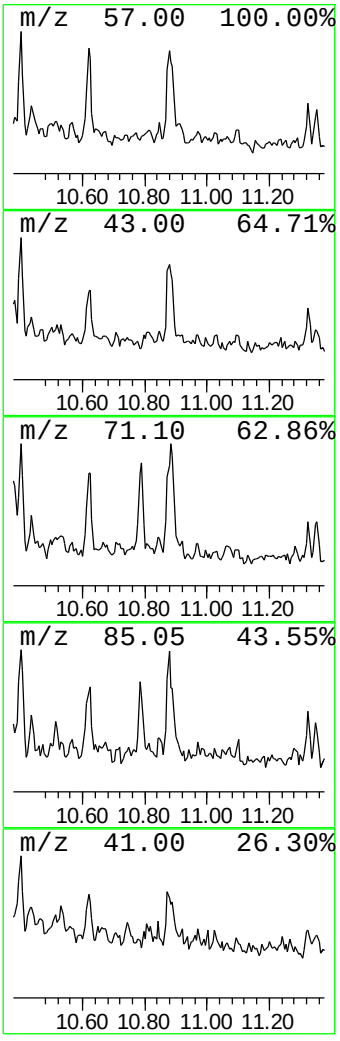
Peak Number 16 Dodecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.19 ng	73473	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Heptadecane	240	C17H36	000629-78-7	80





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Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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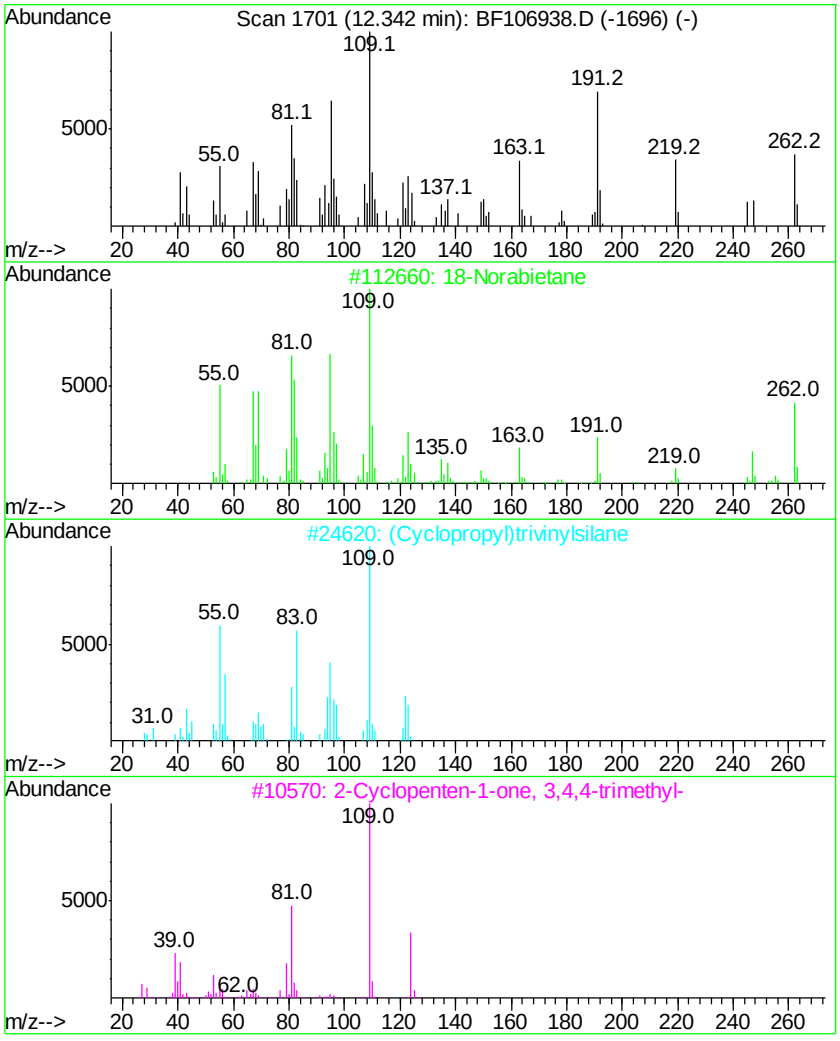
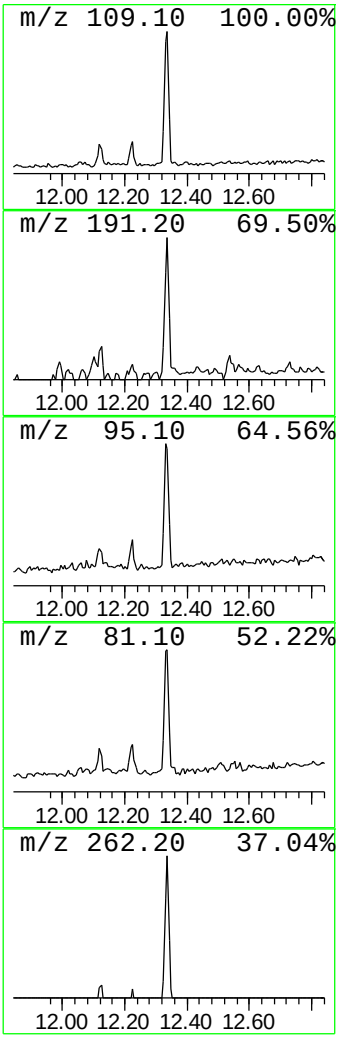
Peak Number 17 18-Norabietane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	8.44 ng	147795	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	89
2	(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	27
3	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	14
4	3,4-Pyridinediamine	109	C5H7N3	000054-96-6	14
5	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	14





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Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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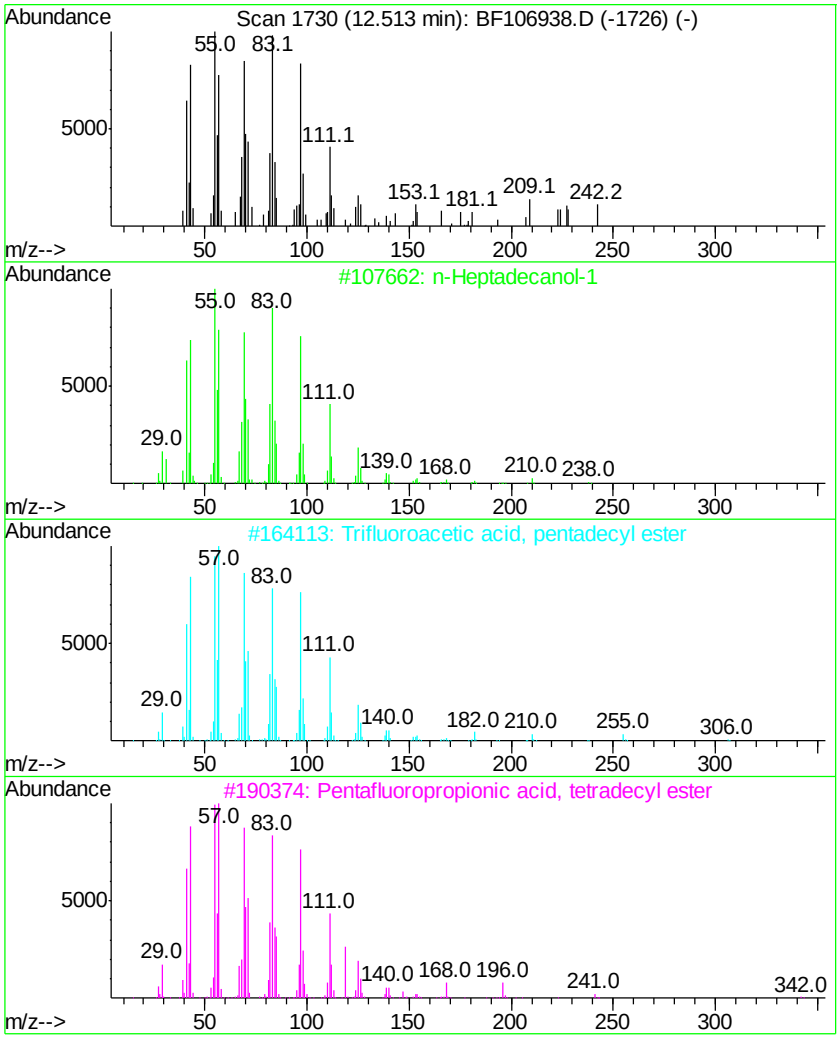
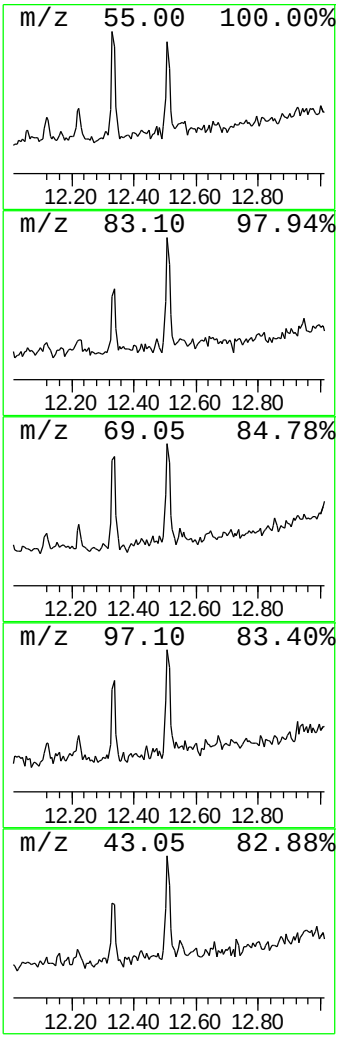
Peak Number 18 n-Heptadecanol-1 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	4.09 ng	71562	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	92
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	1-Hexadecanol	242	C16H34O	036653-82-4	87





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Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
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Sample : J3048-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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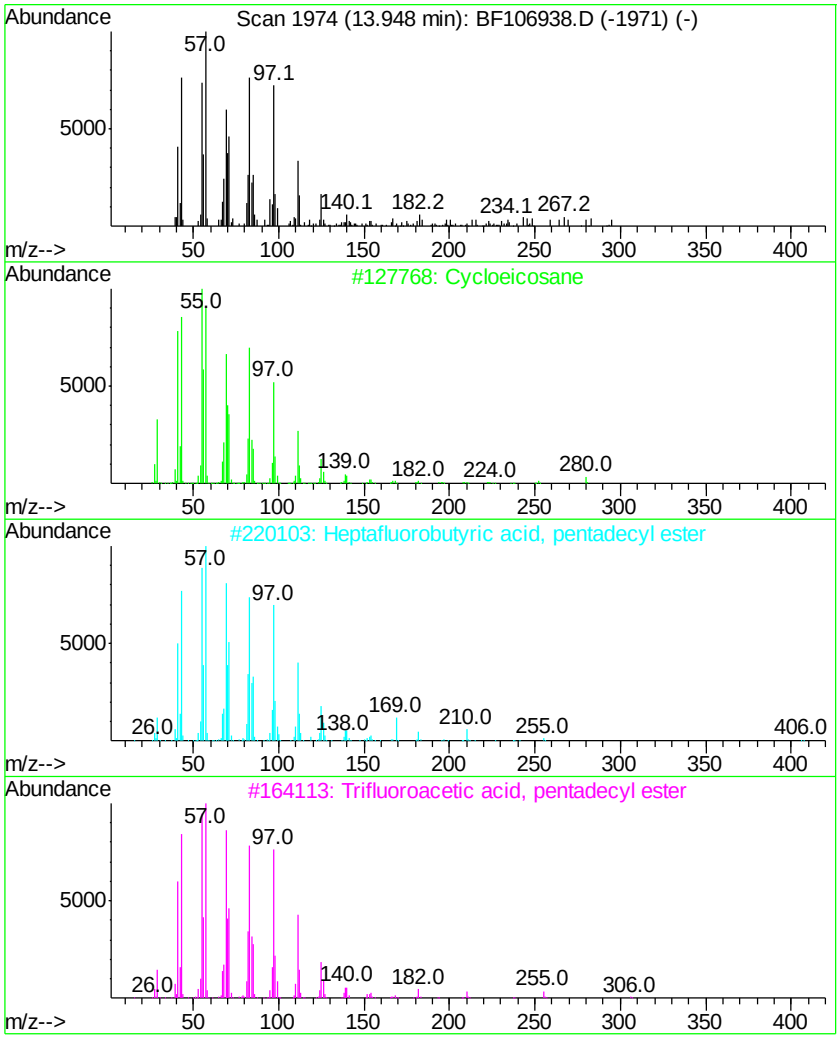
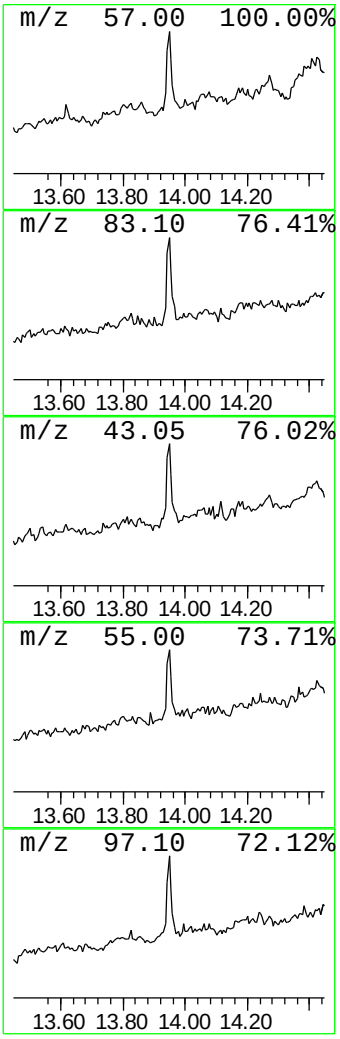
Peak Number 20 Cycloeicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.81 ng	114977	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

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Data File : BF106938.D
Acq On : 28 Jun 2018 23:10
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.18	4.5	ng	80555	1	6.95	355967	20.0
unknown6.73	6.73	69.3	ng	1233560	1	6.95	355967	20.0
Bicyclo[2.2.1]hep...	7.76	21.3	ng	443164	2	8.24	416225	20.0
Cyclohexanol, 1-m...	7.94	19.4	ng	404084	2	8.24	416225	20.0
Bicyclo[2.2.1]hep...	7.98	8.6	ng	178108	2	8.24	416225	20.0
unknown8.04	8.04	4.1	ng	85289	2	8.24	416225	20.0
endo-Borneol	8.14	26.8	ng	557291	2	8.24	416225	20.0
trans, cis-3-Ethy...	8.51	3.8	ng	78181	2	8.24	416225	20.0
unknown8.57	8.57	4.7	ng	97671	2	8.24	416225	20.0
Cyclohexane, 1,3,...	8.67	5.0	ng	103250	2	8.24	416225	20.0
Cyclohexanemethan...	8.98	38.7	ng	806026	2	8.24	416225	20.0
unknown9.00	9.00	3.4	ng	69971	2	8.24	416225	20.0
Dodecane, 1-iodo-	10.88	4.2	ng	73473	4	11.49	350334	20.0
18-Norabietane	12.34	8.4	ng	147795	4	11.49	350334	20.0
n-Heptadecanol-1	12.51	4.1	ng	71562	4	11.49	350334	20.0
Cycloeicosane	13.95	4.8	ng	114977	5	14.14	477603	20.0