LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106964.D
Acq On : 29 Jun 2018 11:19
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 4 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	480	484	492	rBV	87517	95458	4.19%	0.412%
2	5.590	550	553	565	rVB	947508	850938	37.37%	3.670%
3	6.225	658	661	664	rBV	61479	50983	2.24%	0.220%
4	6.395	682	690	692	rBV2	26879	27572	1.21%	0.119%
5	6.590	720	723	730	rVB	602747	583372	25.62%	2.516%
6	6.731	742	747	750	rVB	1532648	1461665	64.18%	6.304%
7	6.948	779	784	788	rBV	493341	430589	18.91%	1.857%
8	7.060	799	803	805	rVB2	23429	28234	1.24%	0.122%
9	7.107	807	811	814	rVV	1528731	1394115	61.22%	6.012%
10	7.337	842	850	852	rBV8	10873	23850	1.05%	0.103%
11	7.472	867	873	876	rBV8	28895	57376	2.52%	0.247%
12	7.519	876	881	883	rVV	1129049	1151579	50.57%	4.966%
13	7.542	883	885	887	rVB	123003	89272	3.92%	0.385%
14	7.584	887	892	895	rBV5	30237	43931	1.93%	0.189%
15	7.672	903	907	911	rBV3	32284	46984	2.06%	0.203%
16	7.760	918	922	926	rVB	669518	582845	25.59%	2.514%
17	7.807	926	930	934	rBV5	27282	50505	2.22%	0.218%
18	7.942	946	953	957	rBV2	453922	575839	25.29%	2.483%
19	7.978	957	959	962	rVB	305022	233187	10.24%	1.006%
20	8.036	965	969	972	rBV2	89873	112062	4.92%	0.483%
21	8.066	972	974	975	rVV2	66025	50486	2.22%	0.218%
22	8.084	975	977	982	rVB2	116542	129630	5.69%	0.559%
23	8.136	982	986	989	rBV	856021	765594	33.62%	3.302%
24	8.166	989	991	994	rBV	71748	61036	2.68%	0.263%
25	8.236	999	1003	1004	rVV	631447	628678	27.61%	2.711%
26	8.254	1004	1006	1009	rVV	1183890	956106	41.98%	4.123%
27	8.278	1009	1010	1013	rVB2	107284	58305	2.56%	0.251%
28	8.313	1013	1016	1018	rVB2	42997	40692	1.79%	0.175%
29	8.366	1022	1025	1028	rBV2	31696	33798	1.48%	0.146%
30	8.401	1029	1031	1033	rBV2	31907	34411	1.51%	0.148%
31	8.425	1033	1035	1043	rVB4	66782	70710	3.10%	0.305%
32	8.513	1043	1050	1054	rVB7	42924	99641	4.38%	0.430%
33	8.566	1054	1059	1064	rBV6	72565	140725	6.18%	0.607%
34	8.636	1069	1071	1073	rVV2	79557	79453	3.49%	0.343%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
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Acq On : 29 Jun 2018 11:19
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 4 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	8.666	1073	1076	1084	rVB5	93400	148839	6.54%	0.642%
36	8.731	1084	1087	1089	rBV2	53423	41661	1.83%	0.180%
37	8.760	1089	1092	1095	rBV2	79587	79675	3.50%	0.344%
38	8.848	1104	1107	1110	rBV4	59890	70418	3.09%	0.304%
39	8.878	1110	1112	1114	rBV	50779	44161	1.94%	0.190%
40	8.942	1120	1123	1125	rBV2	79529	73023	3.21%	0.315%
41	8.983	1125	1130	1132	rBV	1143000	1132160	49.71%	4.883%
42	9.066	1142	1144	1146	rVB2	32107	23073	1.01%	0.100%
43	9.101	1146	1150	1153	rBV2	211204	212696	9.34%	0.917%
44	9.236	1171	1173	1175	rVB	65587	42275	1.86%	0.182%
45	9.313	1180	1186	1189	rBV	2020821	2153695	94.57%	9.288%
46	9.413	1201	1203	1205	rBV2	39412	25350	1.11%	0.109%
47	9.489	1214	1216	1219	rVB2	26483	26369	1.16%	0.114%
48	9.560	1226	1228	1230	rBV	28949	27869	1.22%	0.120%
49	9.654	1242	1244	1247	rVB3	41494	37721	1.66%	0.163%
50	9.695	1247	1251	1254	rBV2	173620	210879	9.26%	0.909%
51	9.778	1263	1265	1271	rVB4	55743	63559	2.79%	0.274%
52	9.848	1274	1277	1279	rVB3	46126	36393	1.60%	0.157%
53	9.942	1291	1293	1296	rVB2	39816	39146	1.72%	0.169%
54	9.995	1298	1302	1305	rVV	679806	575320	25.26%	2.481%
55	10.307	1352	1355	1358	rBV4	31458	35811	1.57%	0.154%
56	10.401	1365	1371	1373	rBV2	74363	96637	4.24%	0.417%
57	10.619	1405	1408	1411	rVB	58615	65514	2.88%	0.283%
58	10.789	1433	1437	1440	rBV	1511455	1490767	65.46%	6.429%
59	10.889	1449	1454	1461	rVB4	71676	160168	7.03%	0.691%
60	11.348	1530	1532	1539	rVB3	30161	41315	1.81%	0.178%
61	11.489	1552	1556	1559	rBV	778120	728951	32.01%	3.144%
62	11.995	1639	1642	1648	rBV2	61521	76004	3.34%	0.328%
63	12.060	1650	1653	1654	rVV3	35362	34146	1.50%	0.147%
64	12.119	1658	1663	1666	rVB3	71831	85491	3.75%	0.369%
65	12.219	1677	1680	1687	rVB3	114811	116333	5.11%	0.502%
66	12.330	1696	1699	1704	rVB	319469	312270	13.71%	1.347%
67	12.424	1712	1715	1720	rVB4	32394	32644	1.43%	0.141%
68	12.507	1726	1729	1733	rBV2	148918	138201	6.07%	0.596%
69	12.701	1759	1762	1765	rBV	69642	74969	3.29%	0.323%
70	12.730	1765	1767	1771	rVB	60014	59893	2.63%	0.258%
71	12.936	1799	1802	1807	rVB	67547	74455	3.27%	0.321%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 4 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	31324	29513	1.30%	0.127%
73	13.071	1821	1825	1829	rVV	2123924	2277311	100.00%	9.821%
74	13.260	1854	1857	1859	rBV3	39201	40959	1.80%	0.177%
75	13.954	1973	1975	1981	rVB	109590	109662	4.82%	0.473%
76	14.154	2005	2009	2012	rBV	532118	520559	22.86%	2.245%
77	15.707	2269	2273	2280	rVB	378704	481895	21.16%	2.078%

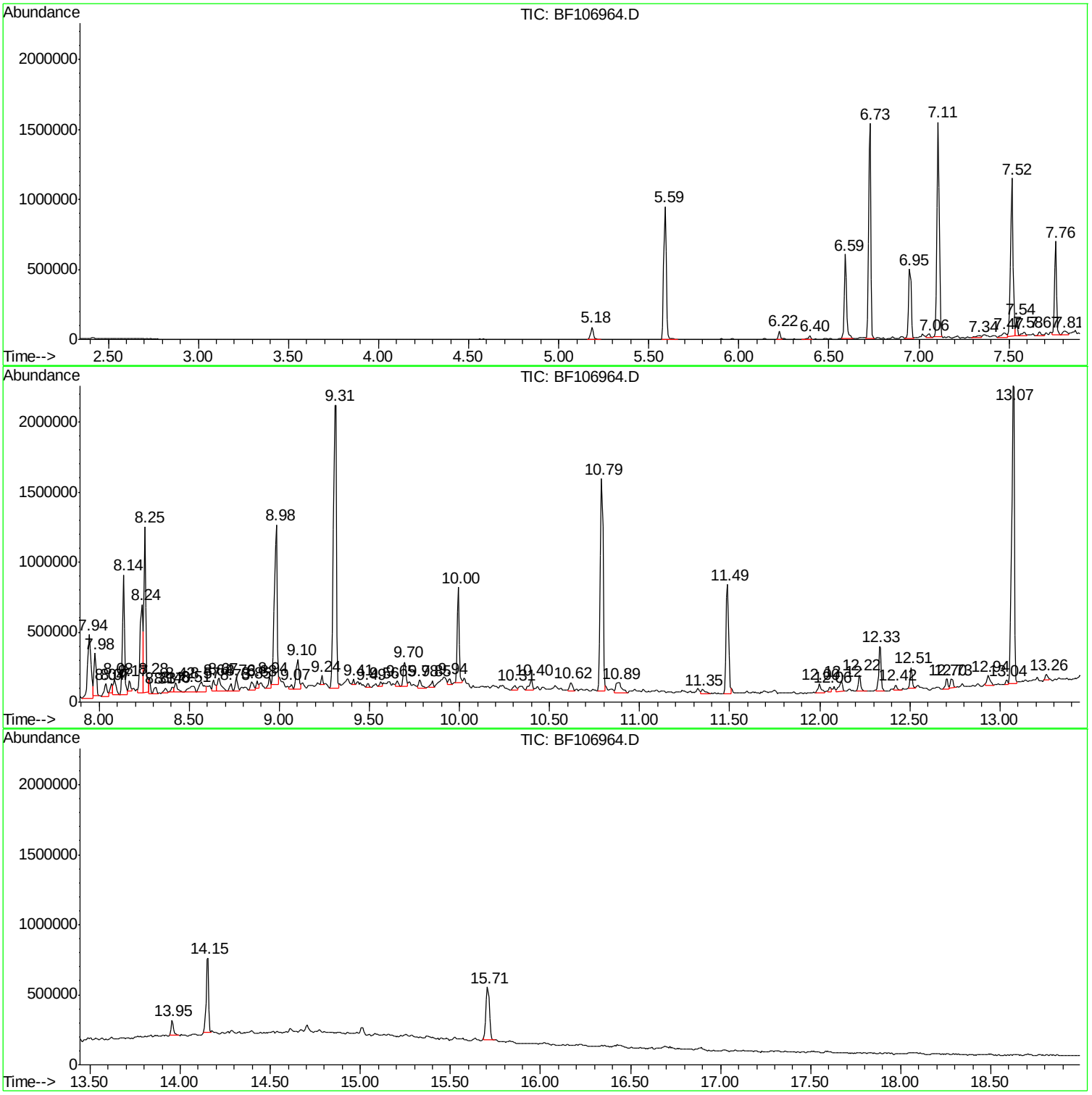
Sum of corrected areas: 23187371

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106964.D
Acq On : 29 Jun 2018 11:19
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 4 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\BF062918\
Data File : BF106964.D
Acq On : 29 Jun 2018 11:19
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 4 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

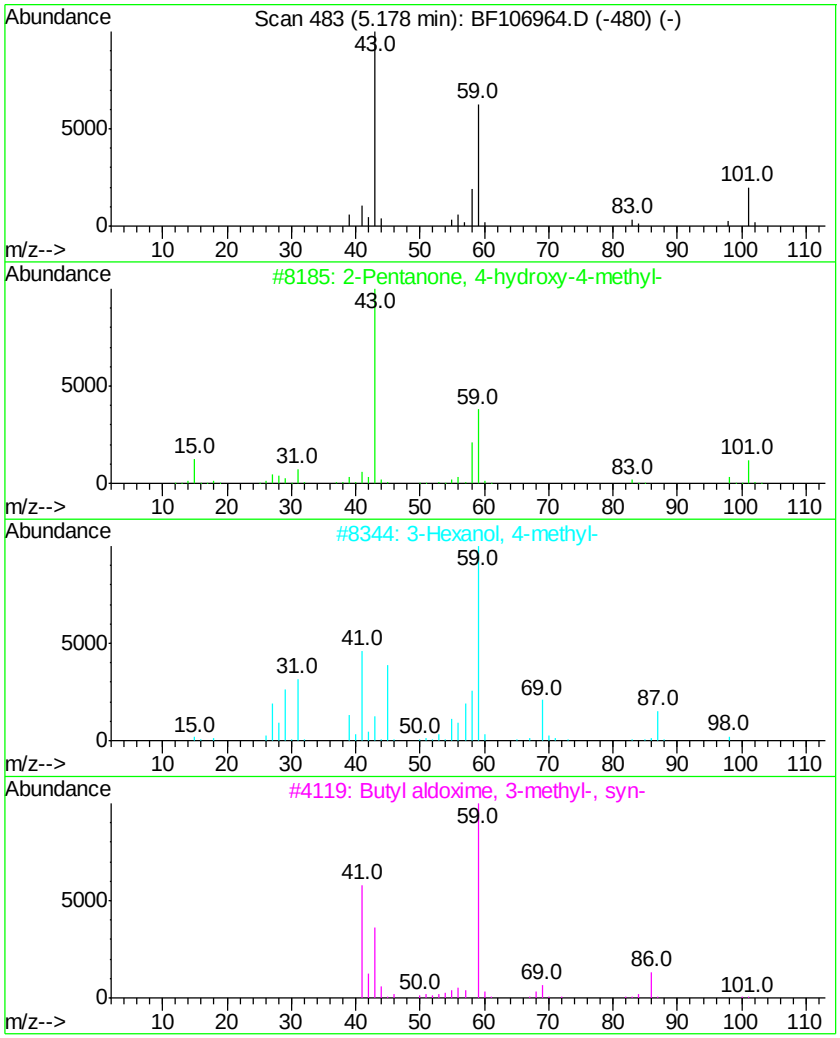
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

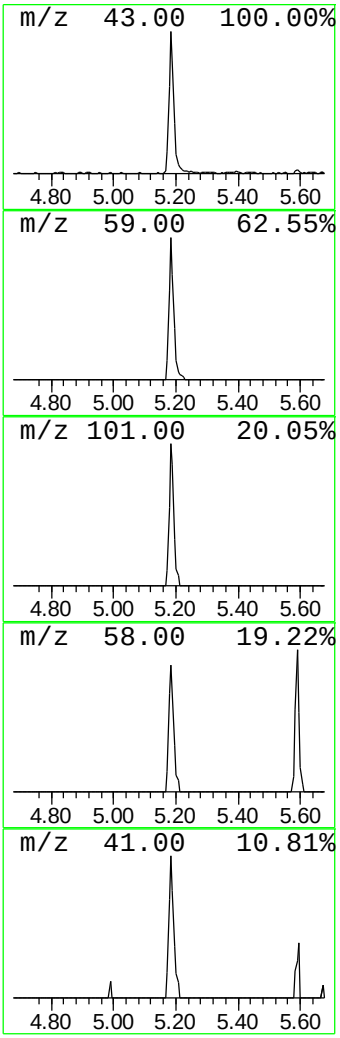
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	4.43 ng	95458	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, 4-methyl-	116	C7H16O	000615-29-2	28
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106964.D
Acq On : 29 Jun 2018 11:19
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 4 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

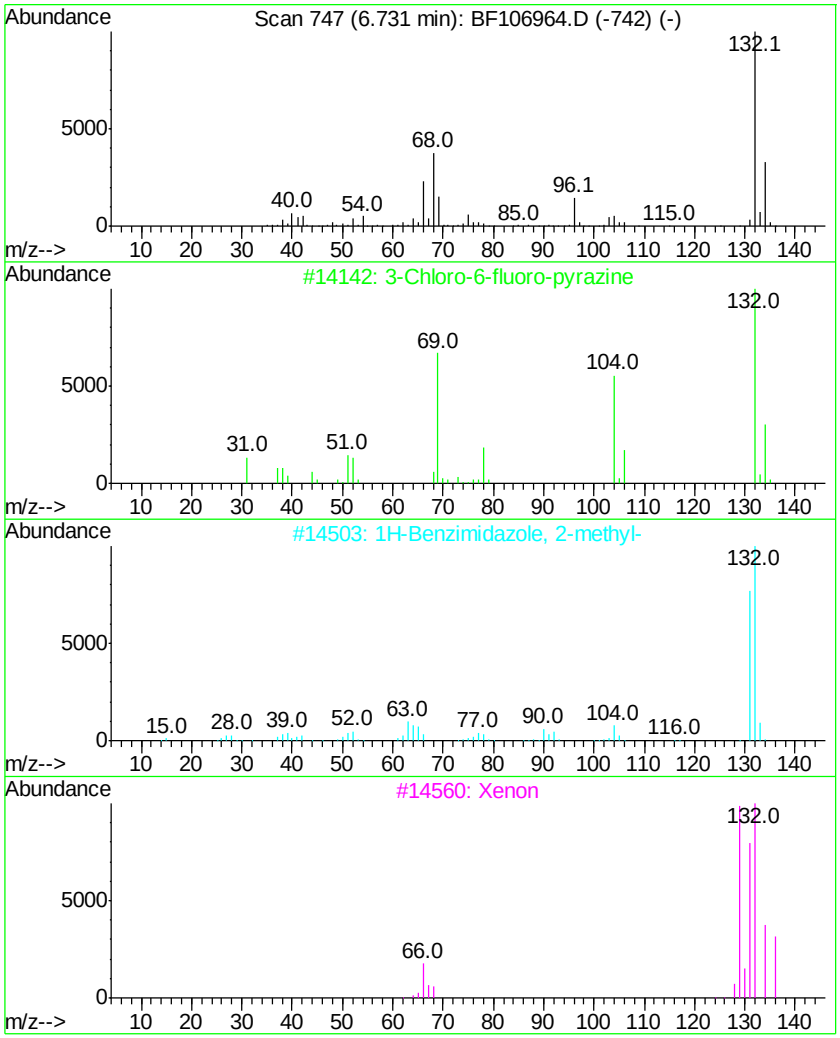
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

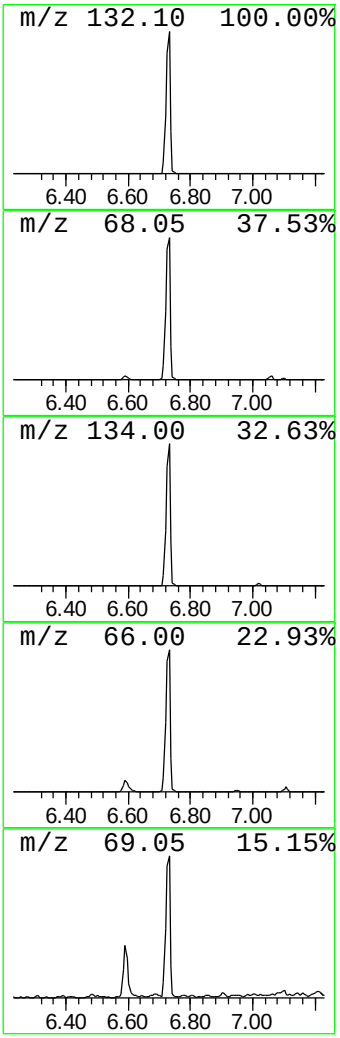
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	67.89 ng	1461670	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	25
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	Xenon	132	Xe	007440-63-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
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Misc :
ALS Vial : 4 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

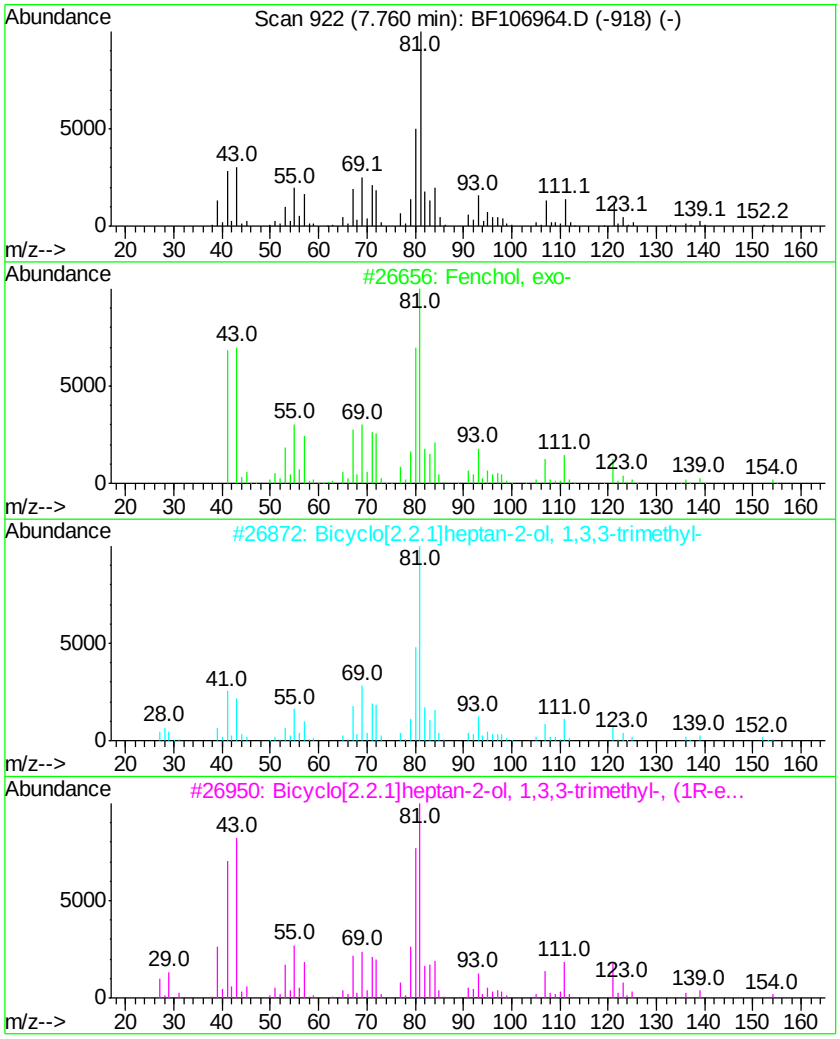
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

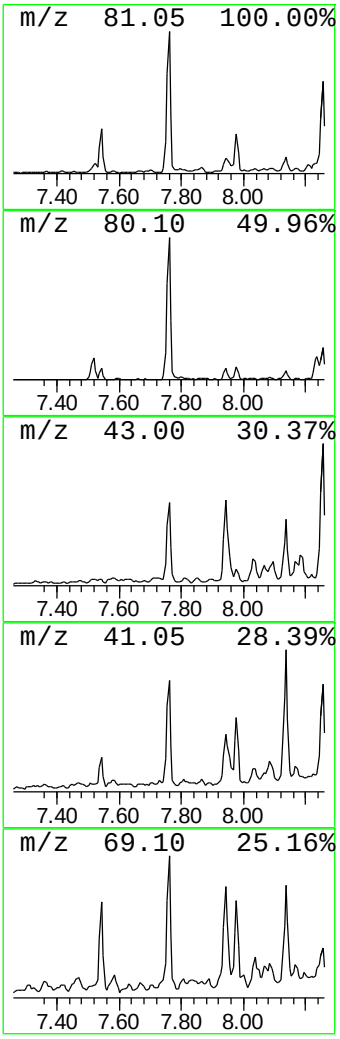
****

Peak Number 4 Fenchol, exo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	18.54 ng	582845	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchol, exo-	154	C10H18O	022627-95-8	97
2	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	96
3	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	002217-02-9	72
4	Cyclohexane, 1,2-dichloro-	152	C6H10Cl2	001121-21-7	38
5	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
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Operator : JU/SJ
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Misc :
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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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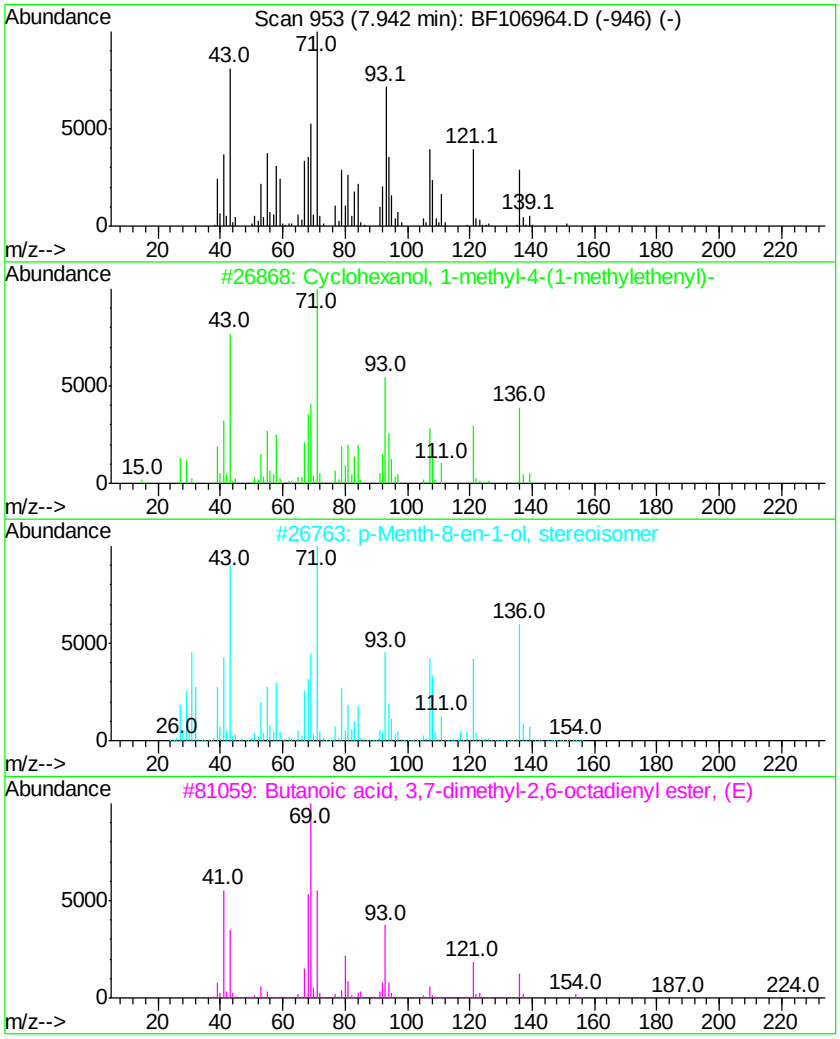
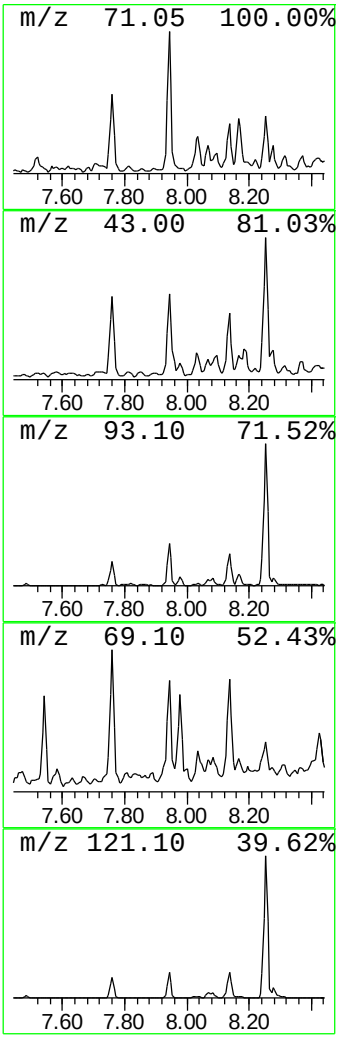
Peak Number 5 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	18.32 ng	575839	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	87
2	p-Menth-8-en-1-ol, stereoisomer	154	C10H18O	007299-40-3	53
3	Butanoic acid, 3,7-dimethyl-2,6-...	224	C14H24O2	000106-29-6	50
4	2,6-Octadien-1-ol, 3,7-dimethyl-...	196	C12H20O2	000141-12-8	27
5	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	27





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Sample : J3048-20
Misc :
ALS Vial : 4 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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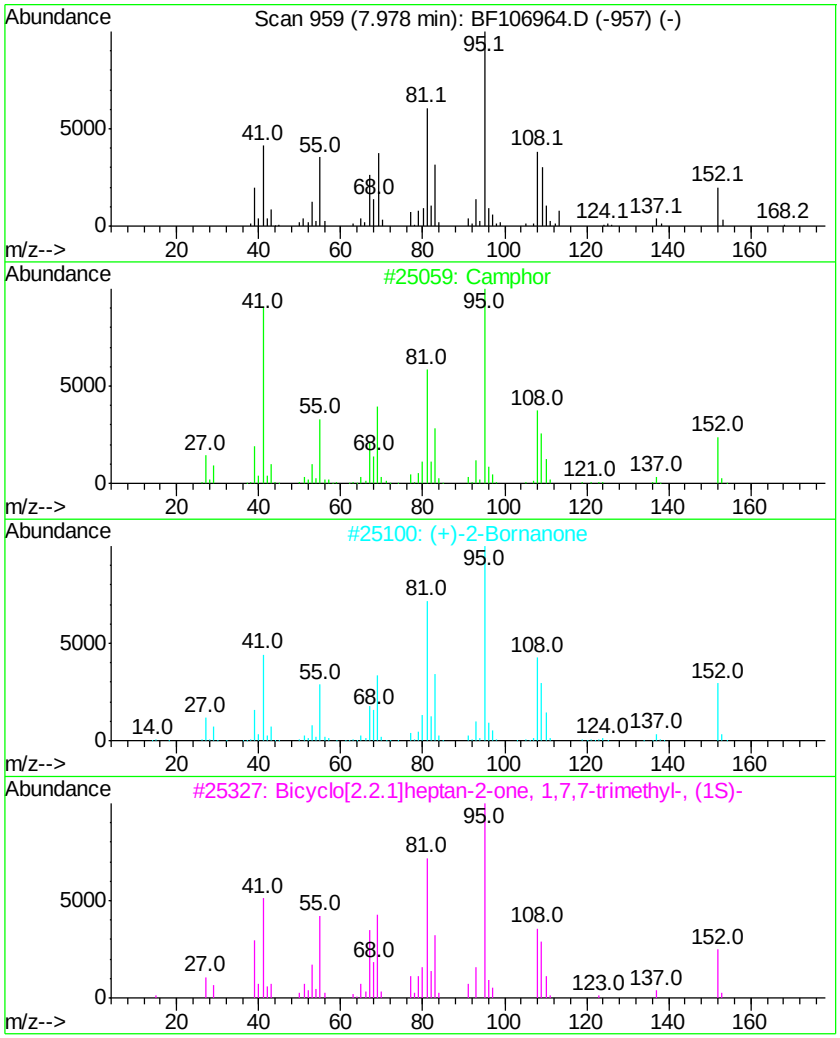
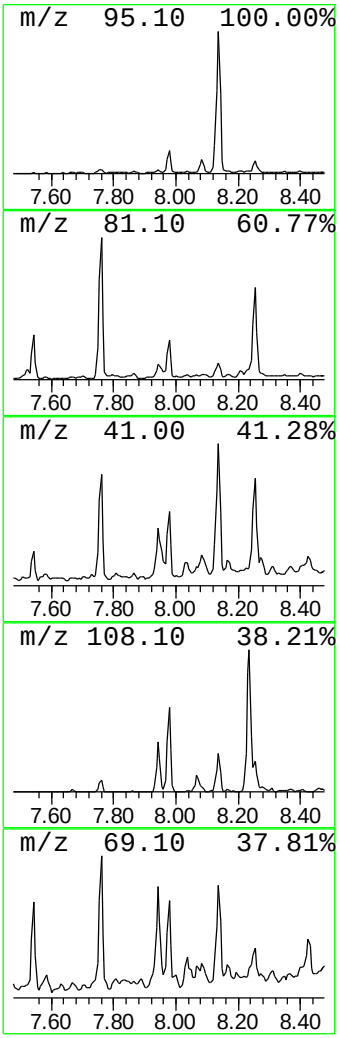
Peak Number 6 Camphor Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	7.42 ng	233187	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	97
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	93
4	Tricyclo[2.2.1.0(2,6)]heptan-3-o...	152	C10H16O	062560-53-6	50
5	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106964.D
Acq On : 29 Jun 2018 11:19
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 4 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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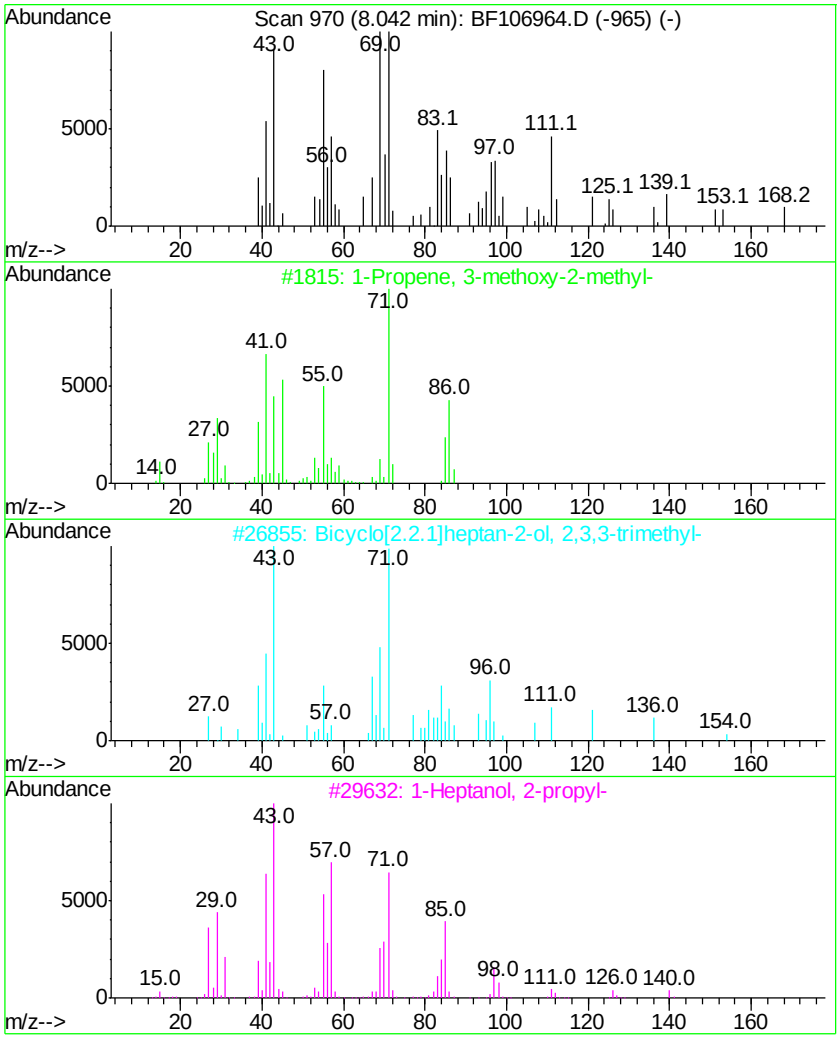
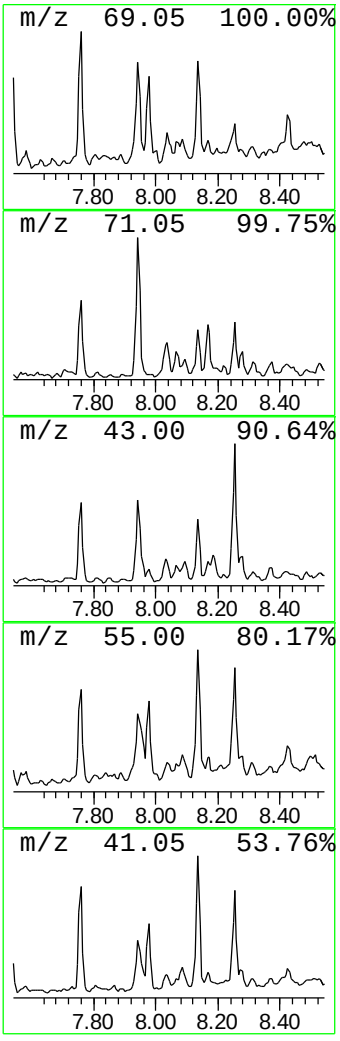
Peak Number 7 unknown8.04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	3.57 ng	112062	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	43
2	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	43
3	1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	38
4	cis-3-Methylcyclohexanol	114	C7H14O	005454-79-5	35
5	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	30





Library Search Compound Report

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Acq On : 29 Jun 2018 11:19
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 4 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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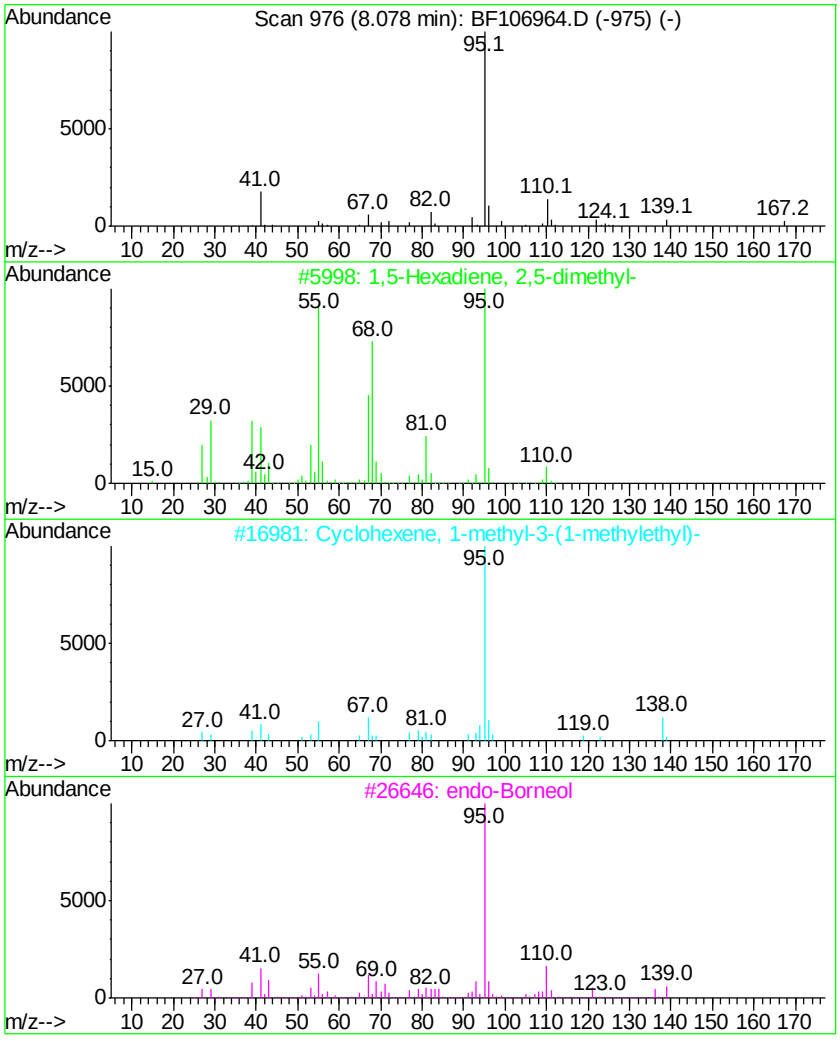
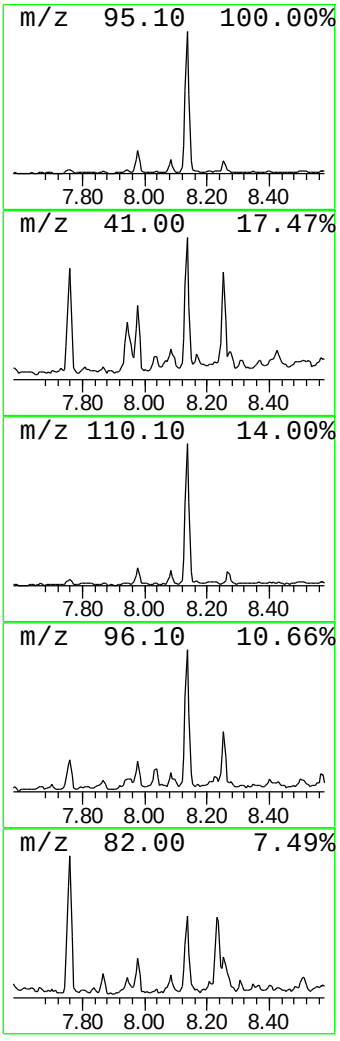
Peak Number 8 1,5-Hexadiene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	4.12 ng	129630	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiene, 2,5-dimethyl-	110	C8H14	000627-58-7	72
2	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	64
3	endo-Borneol	154	C10H18O	000507-70-0	64
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	59
5	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	59





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Sample : J3048-20
Misc :
ALS Vial : 4 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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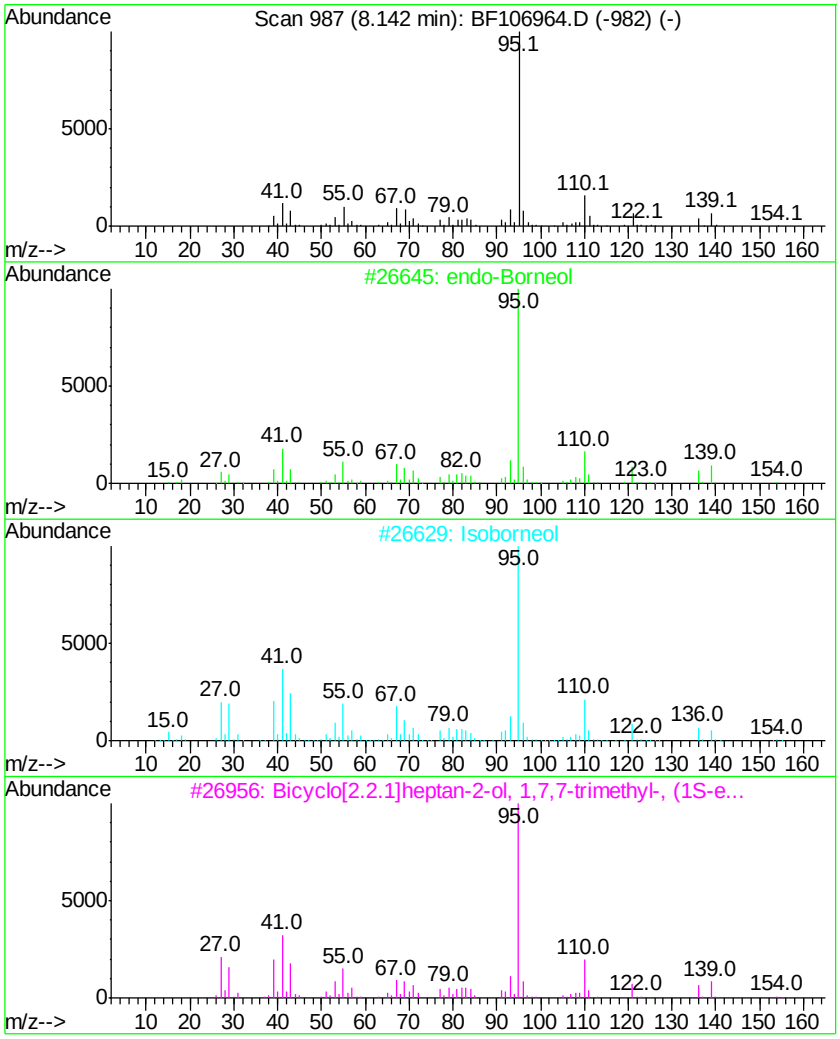
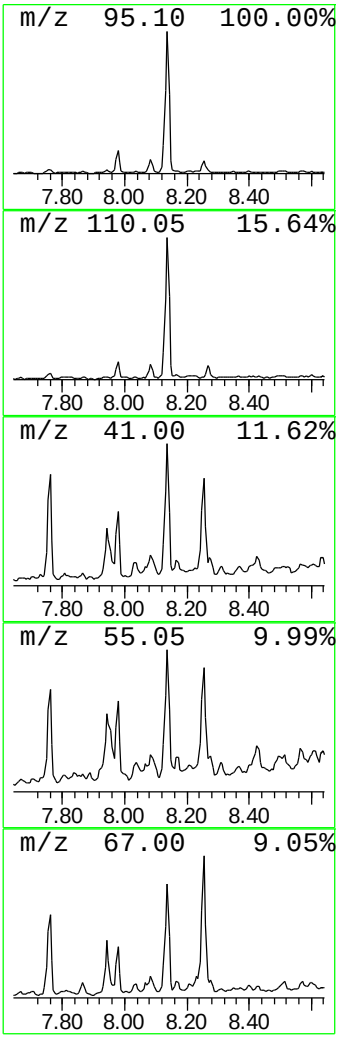
Peak Number 9 endo-Borneol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	24.36 ng	765594	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	91
2	Isoborneol	154	C10H18O	000124-76-5	91
3	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	83
4	(+)-Borneol	154	C10H18O	1000150-76-3	78
5	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	72





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Sample : J3048-20
Misc :
ALS Vial : 4 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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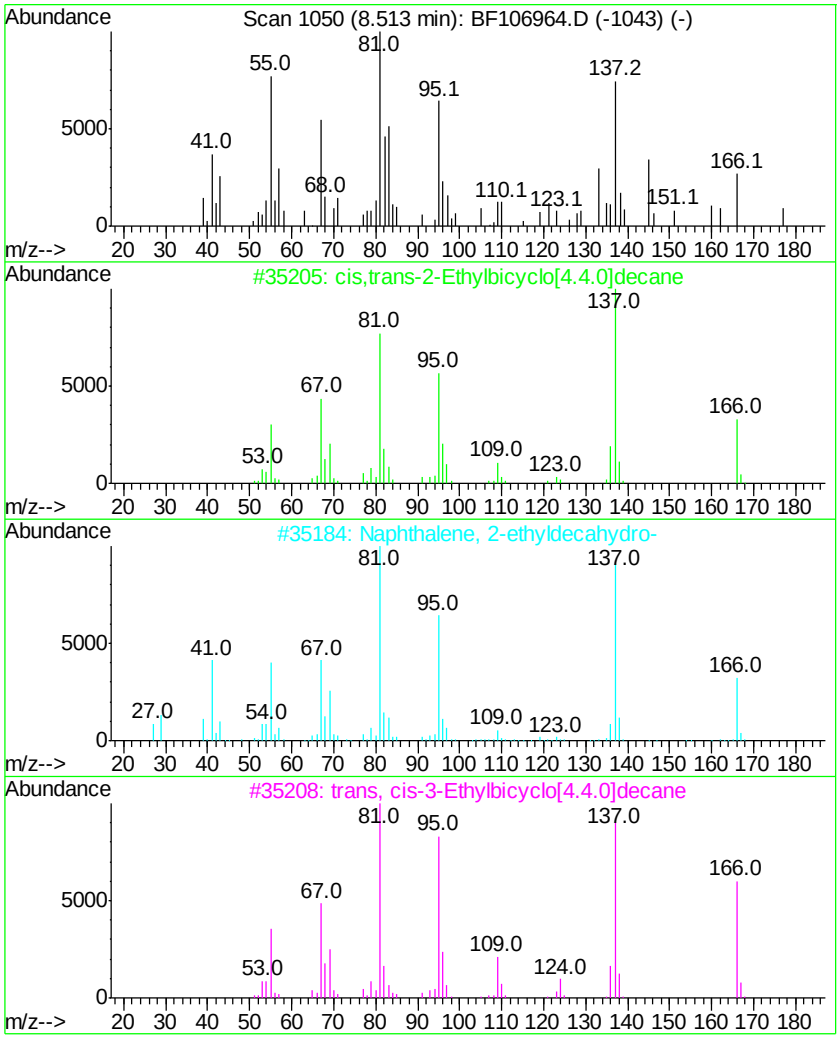
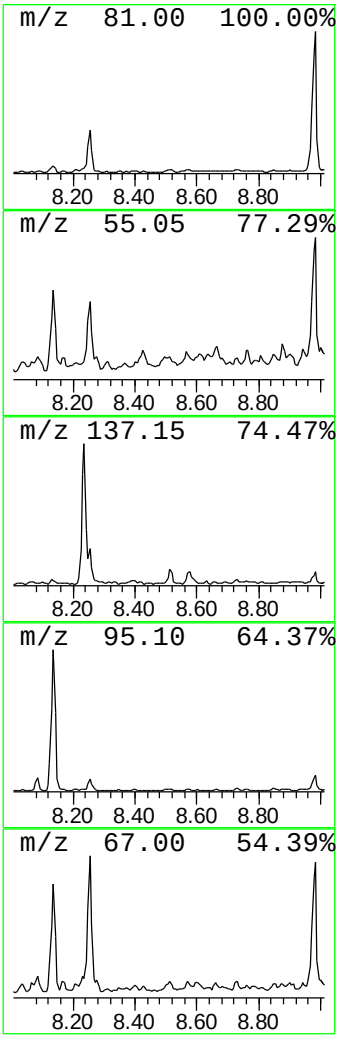
Peak Number 10 cis,trans-2-Ethylbicyclo[4.... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	3.17 ng	99641	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	68
2	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	62
3	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	62
4	Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	58
5	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	58





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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
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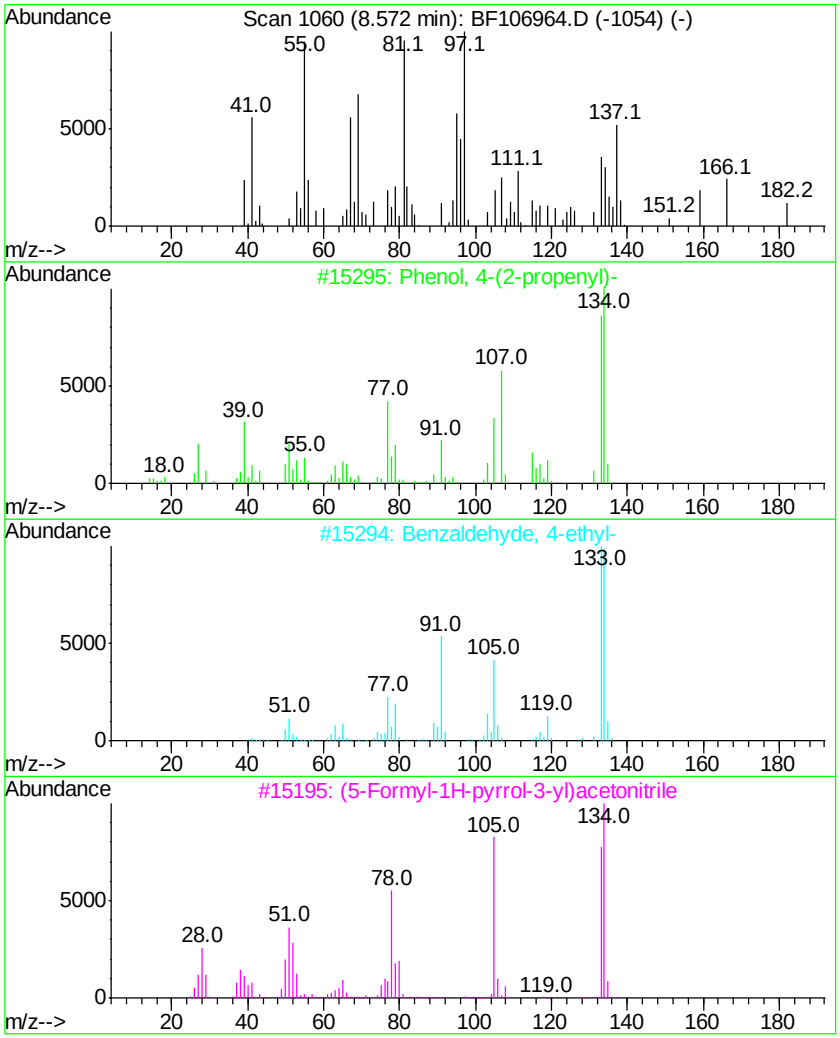
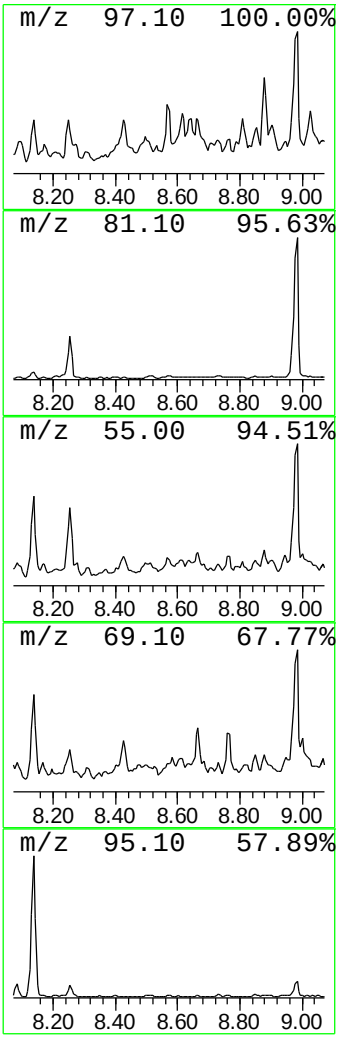
Peak Number 11 unknown8.57 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	4.48 ng	140725	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	42
2	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	22
3	(5-Formyl-1H-pyrrol-3-yl)acetoni...	134	C7H6N2O	1000191-11-1	22
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	22
5	Benzaldehyde, 2,5-dimethyl-	134	C9H10O	005779-94-2	22





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Sample : J3048-20
Misc :
ALS Vial : 4 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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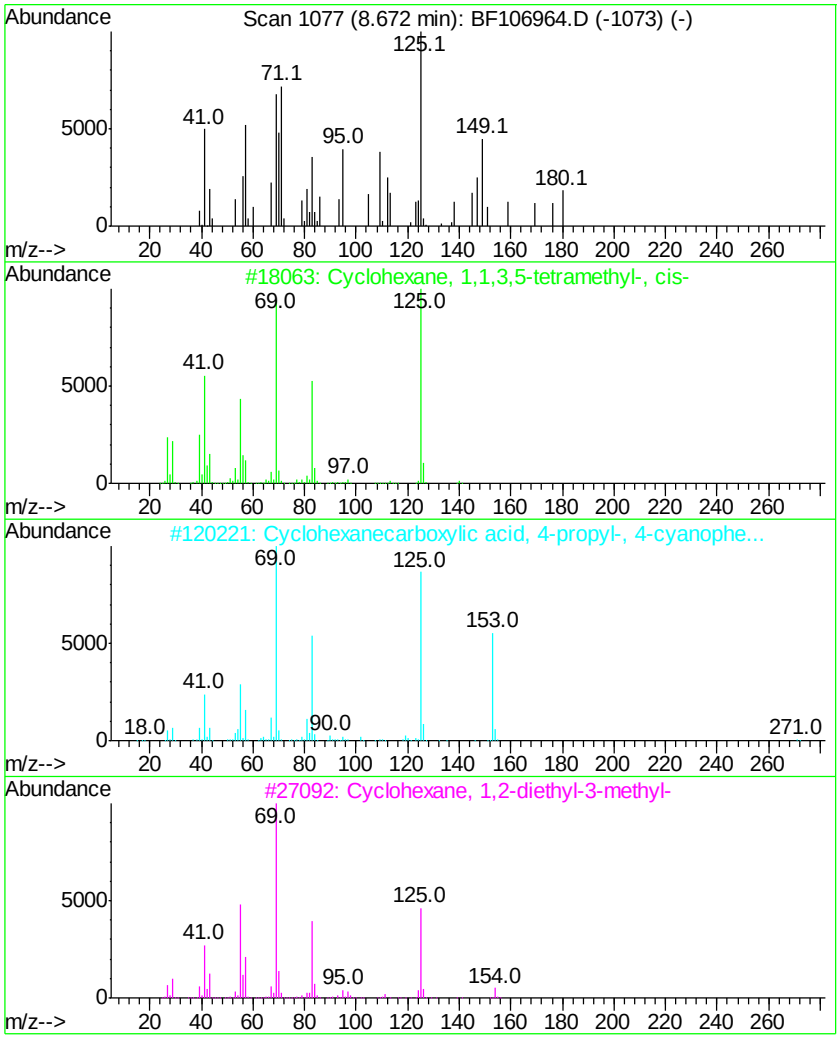
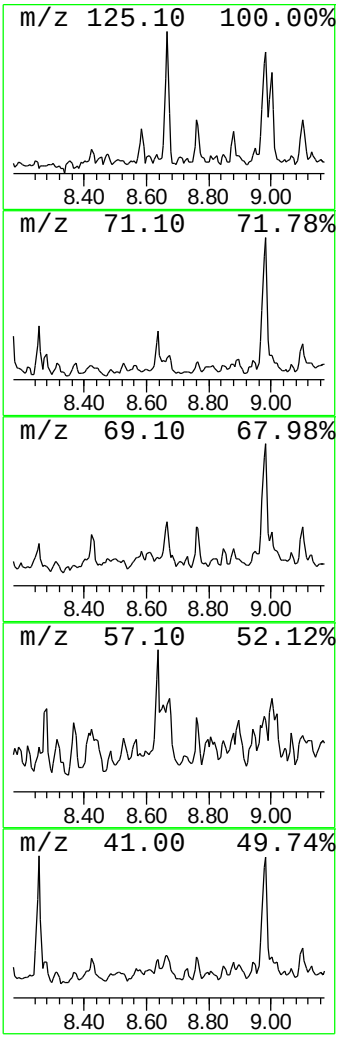
Peak Number 12 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	4.73 ng	148839	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	53
2	Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	53
3	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	50
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
5	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	38





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Sample : J3048-20
Misc :
ALS Vial : 4 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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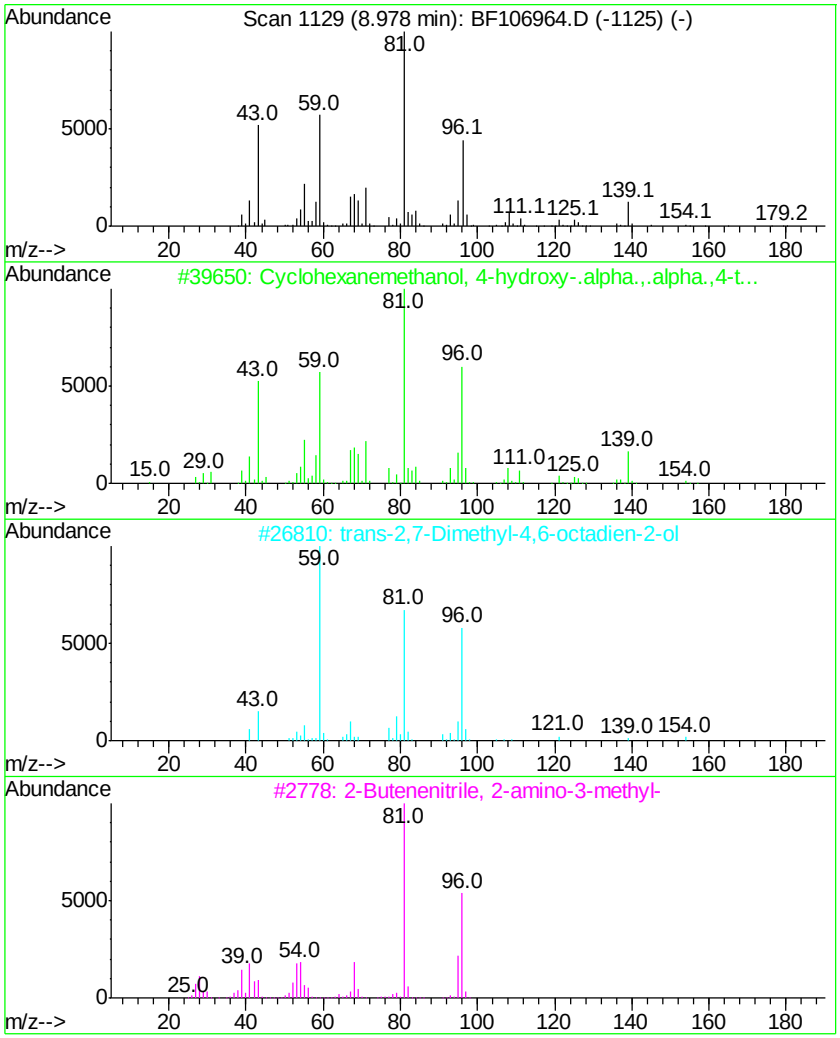
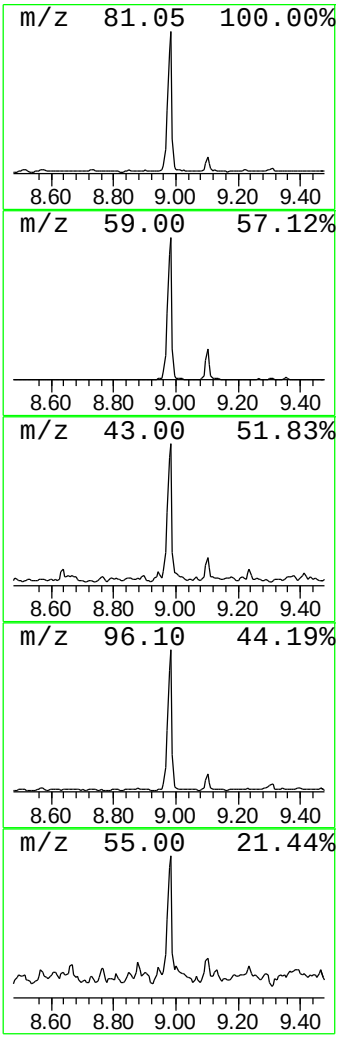
Peak Number 13 Cyclohexanemethanol, 4-hydr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	36.02 ng	1132160	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	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	49
4	Formic acid, trans-4-methylcyclo...	142	C8H14O2	1000368-24-5	47
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	47





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Sample : J3048-20
Misc :
ALS Vial : 4 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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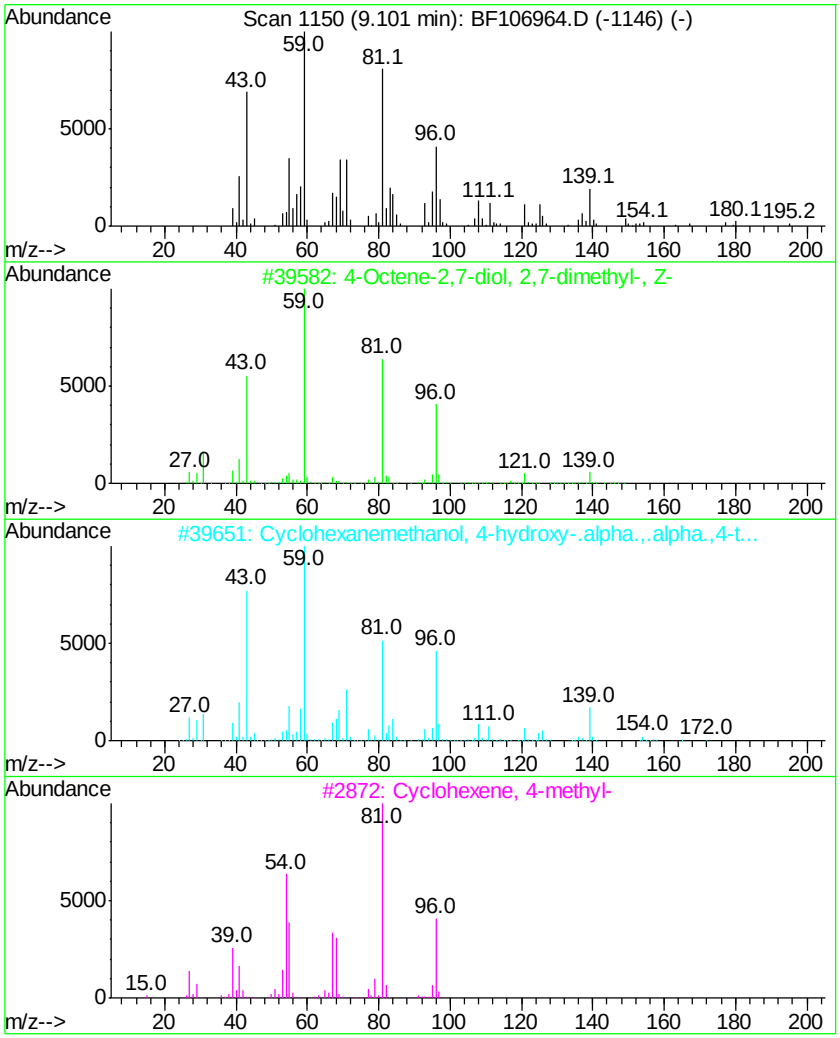
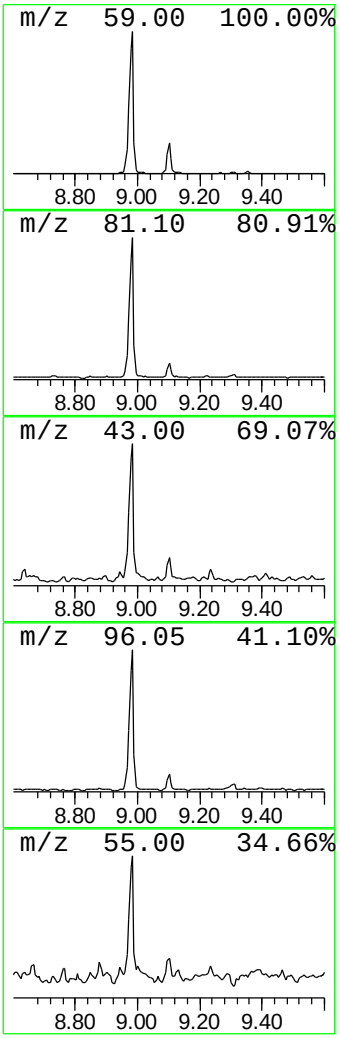
Peak Number 14 4-Octene-2,7-diol, 2,7-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	6.77 ng	212696	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene-2,7-diol, 2,7-dimethyl-...	172	C10H20O2	1000151-60-8	72
2	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	53
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	38
4	6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1000193-87-2	38
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	35





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Sample : J3048-20
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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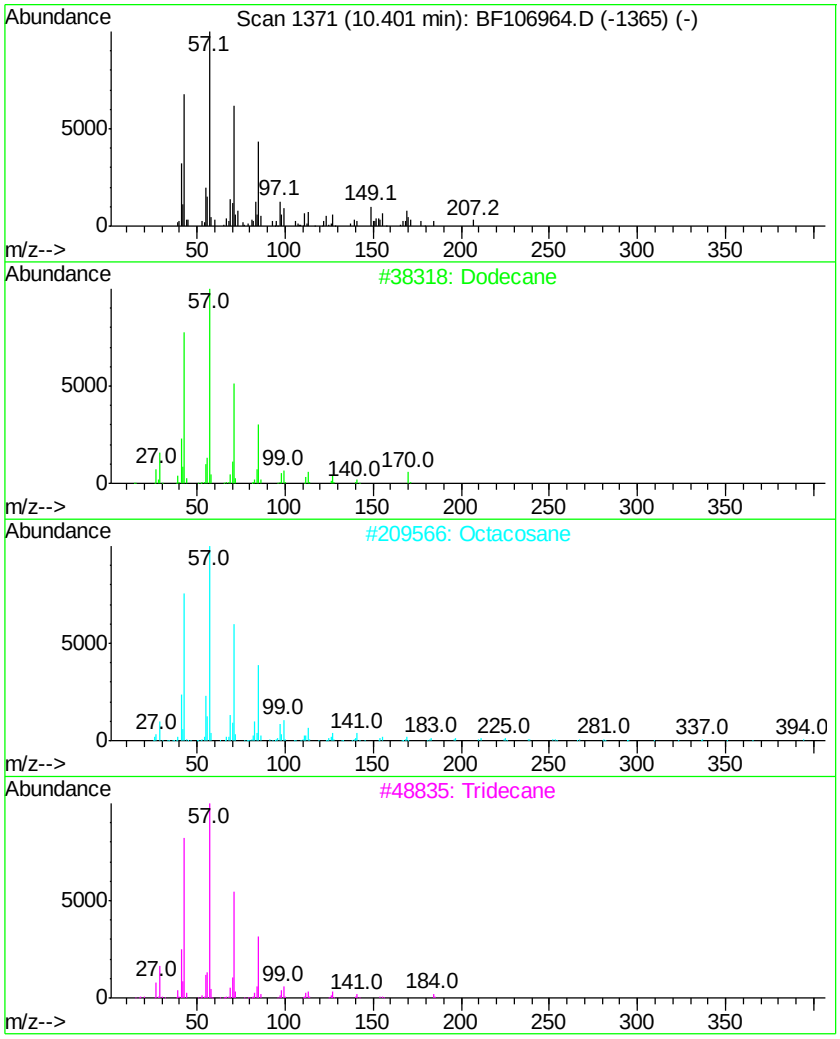
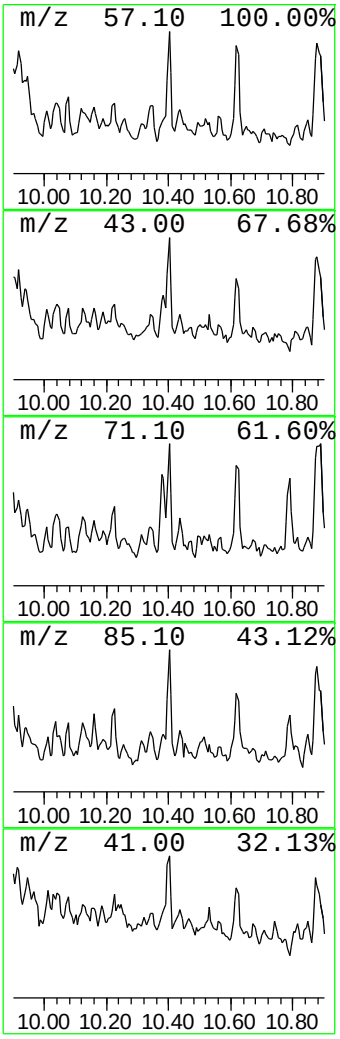
Peak Number 15 Dodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	3.36 ng	96637	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Octacosane	394	C28H58	000630-02-4	83
3	Tridecane	184	C13H28	000629-50-5	76
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





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Instrument : BNA_F
ClientSampleId : TP-3-GW

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TIC Library : C:\DATABASE\NIST11.L
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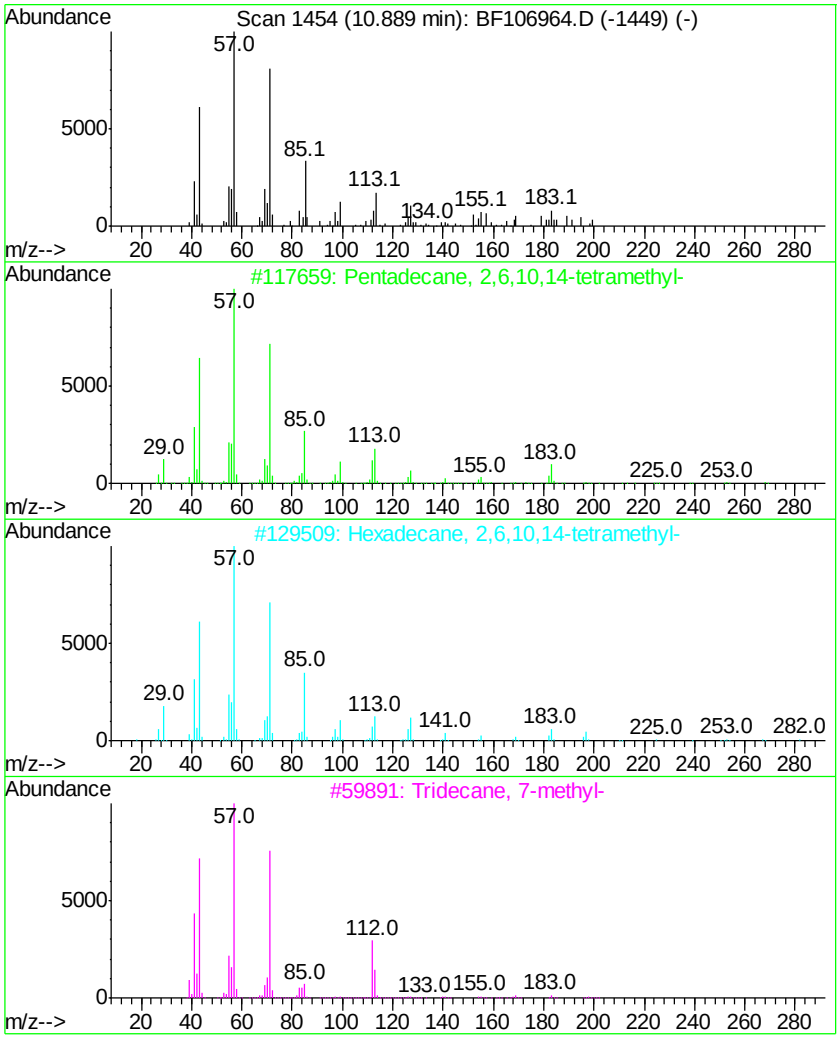
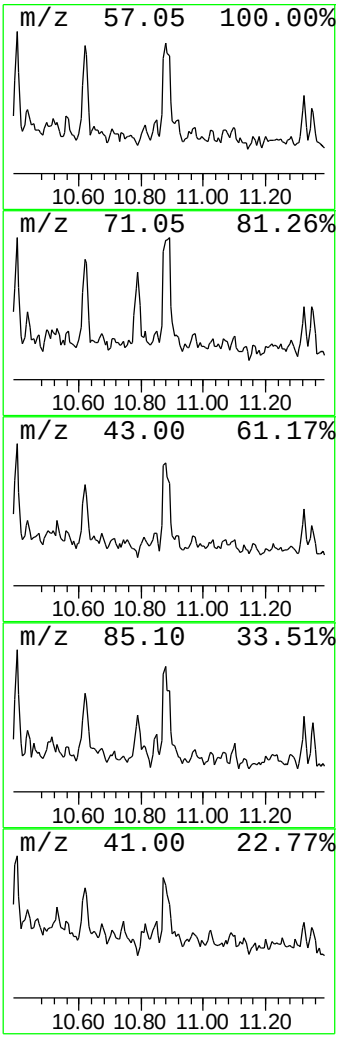
Peak Number 16 Pentadecane, 2,6,10,14-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	4.39 ng	160168	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	68





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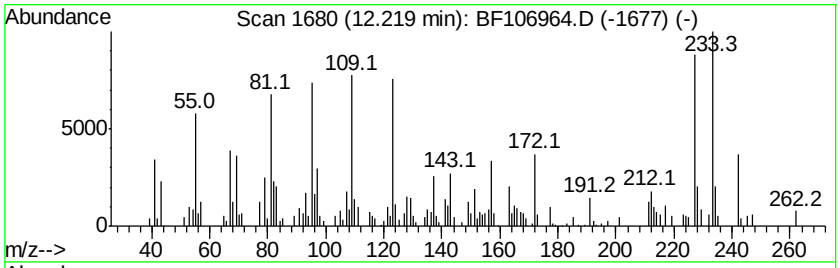
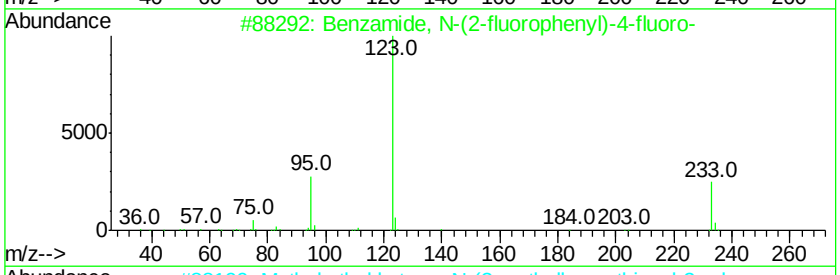
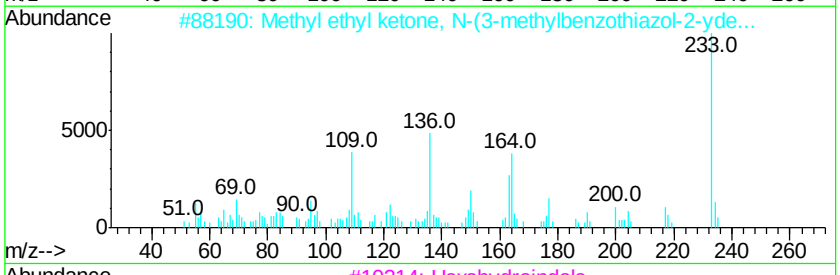
Peak Number 17 unknown12.22 Concentration Rank 19

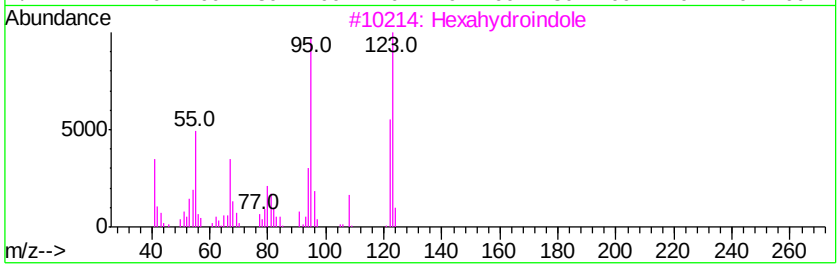
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	3.19 ng	116333	Phenanthrene-d10	11.49

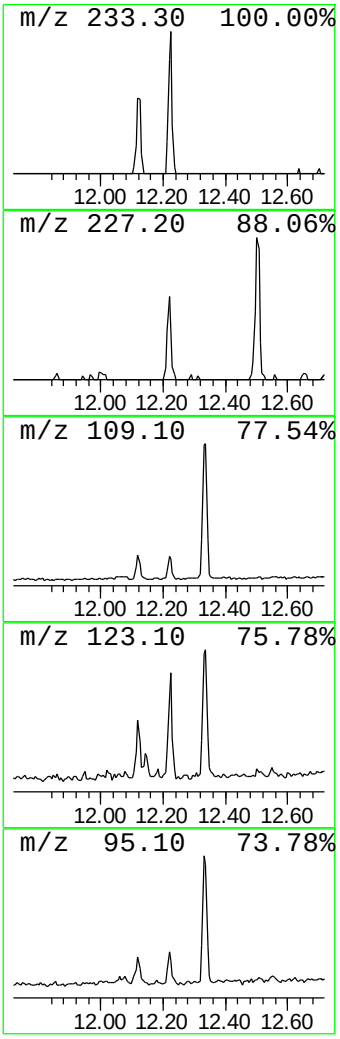
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(2-fluorophenyl)-4-...	233	C13H9F2NO	1000308-30-2	43
2	Methyl ethyl ketone, N-(3-methyl...	233	C12H15N3S	1000292-93-3	22
3	Hexahydroindole	123	C8H13N	018159-32-5	18
4	3-Hydroxymandelic acid	168	C8H8O4	017119-15-2	14
5	3-Methyl-9-chloro-acridine	227	C14H10ClN	016492-10-7	11











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Sample : J3048-20
Misc :
ALS Vial : 4 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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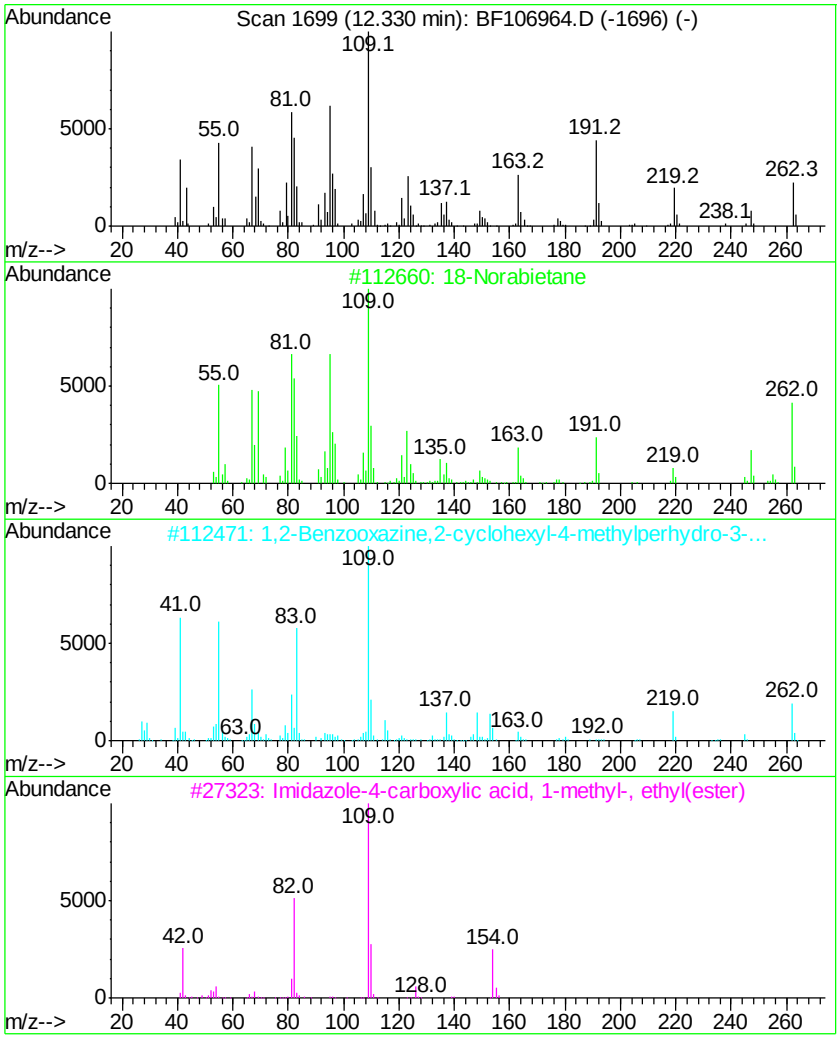
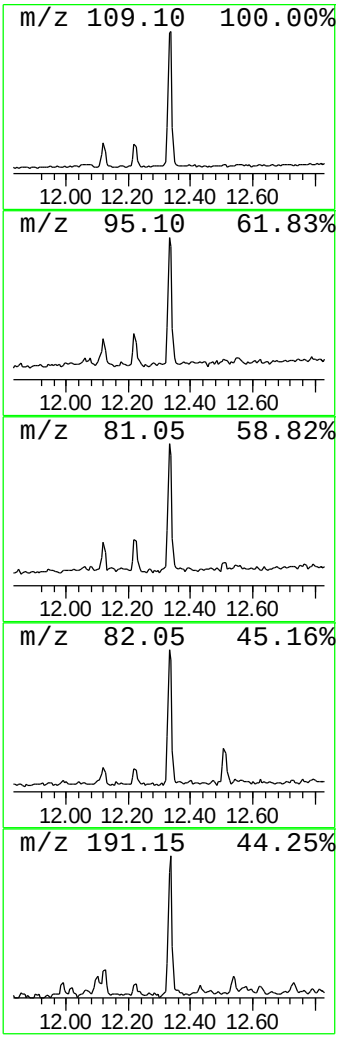
Peak Number 18 18-Norabietane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	8.57 ng	312270	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	94
2	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	35
3	Imidazole-4-carboxylic acid, 1-m...	154	C7H10N2O2	041507-56-6	22
4	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	14
5	Bicyclo[2.2.2]oct-2-ene, 1-methy...	137	C9H15N	1000217-10-9	14





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Acq On : 29 Jun 2018 11:19
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 4 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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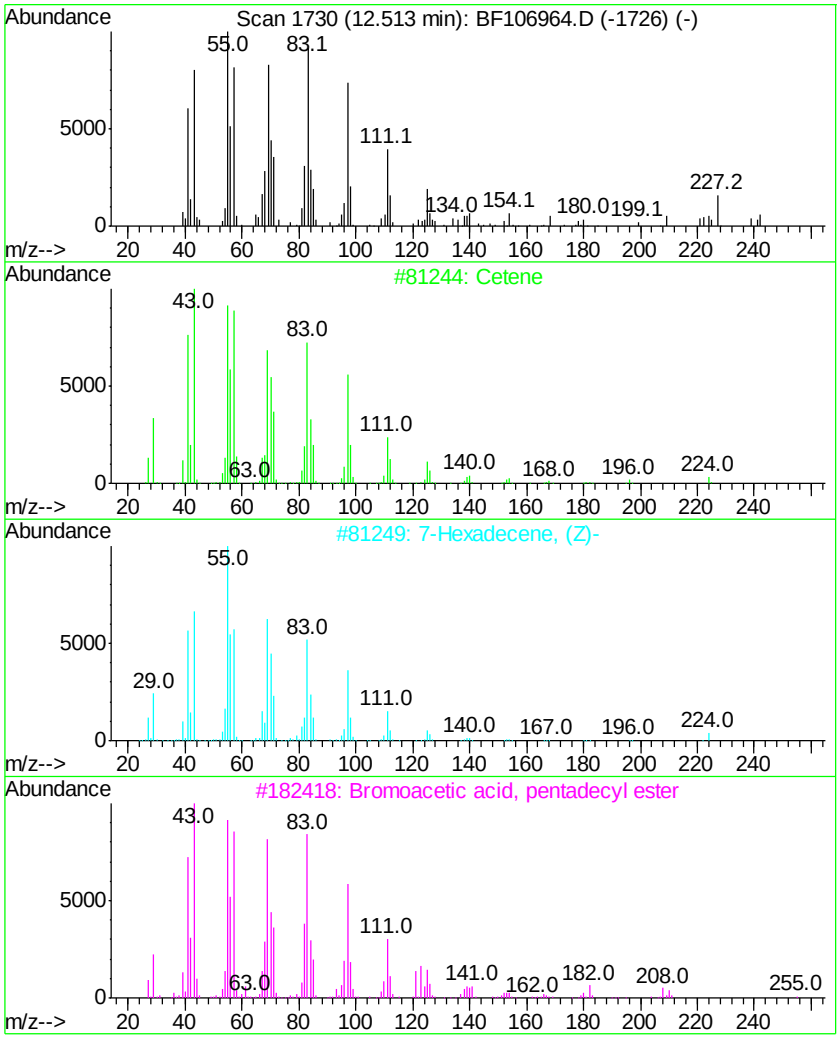
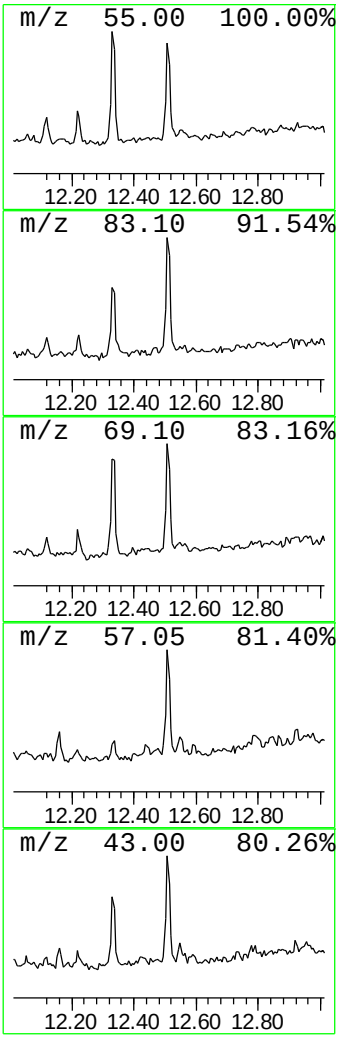
Peak Number 19 Cetene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	3.79 ng	138201	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	99
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	95
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
4	Cyclohexadecane	224	C16H32	000295-65-8	90
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	89





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Data File : BF106964.D
Acq On : 29 Jun 2018 11:19
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 4 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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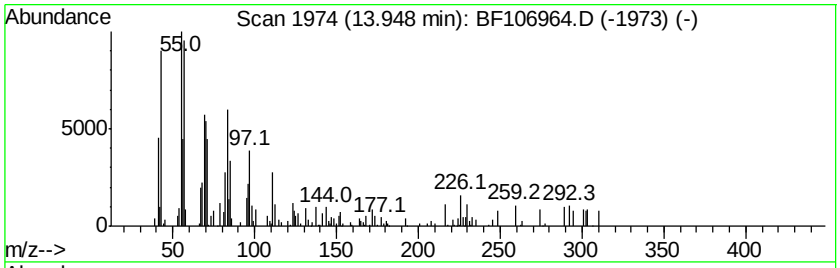
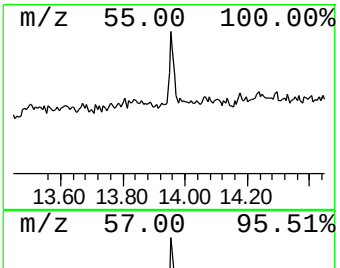
Peak Number 20 Heptadecyl heptafluorobutyrate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.21 ng	109662	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
Data File : BF106964.D
Acq On : 29 Jun 2018 11:19
Operator : JU/SJ
Sample : J3048-20
Misc :
ALS Vial : 4 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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	4.4	ng	95458	1	6.95	430589	20.0
unknown6.73	6.73	67.9	ng	1461670	1	6.95	430589	20.0
Fenchol, exo-	7.76	18.5	ng	582845	2	8.24	628678	20.0
Cyclohexanol, 1-m...	7.94	18.3	ng	575839	2	8.24	628678	20.0
Camphor	7.98	7.4	ng	233187	2	8.24	628678	20.0
unknown8.04	8.04	3.6	ng	112062	2	8.24	628678	20.0
1,5-Hexadiene, 2,...	8.08	4.1	ng	129630	2	8.24	628678	20.0
endo-Borneol	8.14	24.4	ng	765594	2	8.24	628678	20.0
cis,trans-2-Ethyl...	8.51	3.2	ng	99641	2	8.24	628678	20.0
unknown8.57	8.57	4.5	ng	140725	2	8.24	628678	20.0
Cyclohexane, 1,1,...	8.67	4.7	ng	148839	2	8.24	628678	20.0
Cyclohexanemethan...	8.98	36.0	ng	1132160	2	8.24	628678	20.0
4-Octene-2,7-diol...	9.10	6.8	ng	212696	2	8.24	628678	20.0
Dodecane	10.40	3.4	ng	96637	3	10.00	575320	20.0
Pentadecane, 2,6,...	10.89	4.4	ng	160168	4	11.49	728951	20.0
unknown12.22	12.22	3.2	ng	116333	4	11.49	728951	20.0
18-Norabietane	12.33	8.6	ng	312270	4	11.49	728951	20.0
Cetene	12.51	3.8	ng	138201	4	11.49	728951	20.0
Heptadecyl heptaf...	13.95	4.2	ng	109662	5	14.15	520559	20.0