LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106882.D
Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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	5.589	549	553	563	rBB	176485	168370	7.88%	1.269%
2	6.589	720	723	734	rBV	199771	178497	8.36%	1.346%
3	6.725	743	746	750	rBV	238144	185240	8.67%	1.397%
4	6.954	781	785	788	rBV	281572	238890	11.18%	1.801%
5	7.107	808	811	819	rVB	187024	148135	6.94%	1.117%
6	7.513	876	880	888	rVB	132661	122073	5.72%	0.920%
7	8.236	1000	1003	1008	rVV	395147	332351	15.56%	2.506%
8	8.278	1008	1010	1013	rVB	79032	59212	2.77%	0.446%
9	8.313	1013	1016	1021	rBV4	18225	29207	1.37%	0.220%
10	8.430	1033	1036	1041	rVB3	30588	28590	1.34%	0.216%
11	8.513	1044	1050	1055	rBV4	30124	54917	2.57%	0.414%
12	8.572	1055	1060	1063	rBV6	18290	35084	1.64%	0.264%
13	8.636	1069	1071	1074	rBV	129875	104321	4.88%	0.786%
14	8.666	1074	1076	1079	rVV3	26490	24216	1.13%	0.183%
15	8.736	1085	1088	1090	rBV	28791	27127	1.27%	0.205%
16	8.766	1090	1093	1095	rVV2	42731	37527	1.76%	0.283%
17	8.807	1099	1100	1105	rVV3	24174	28149	1.32%	0.212%
18	8.854	1105	1108	1110	rVV4	30371	42972	2.01%	0.324%
19	8.907	1114	1117	1120	rVB	43856	52694	2.47%	0.397%
20	8.972	1126	1128	1131	rVB2	31437	27483	1.29%	0.207%
21	9.007	1131	1134	1139	rBV6	35123	56836	2.66%	0.428%
22	9.095	1147	1149	1150	rBV2	23830	21487	1.01%	0.162%
23	9.136	1153	1156	1159	rVB2	31732	36202	1.70%	0.273%
24	9.177	1160	1163	1166	rBV4	19478	28872	1.35%	0.218%
25	9.242	1168	1174	1180	rVB	220412	249879	11.70%	1.884%
26	9.307	1180	1185	1189	rBV	274047	267242	12.51%	2.015%
27	9.383	1194	1198	1201	rVV	194131	206816	9.68%	1.559%
28	9.419	1201	1204	1205	rVV	52340	53178	2.49%	0.401%
29	9.454	1208	1210	1213	rVV4	45969	44793	2.10%	0.338%
30	9.495	1214	1217	1219	rVB4	35244	36412	1.70%	0.275%
31	9.566	1226	1229	1231	rBV3	25220	25054	1.17%	0.189%
32	9.695	1248	1251	1254	rBV2	471334	412347	19.31%	3.109%
33	9.754	1259	1261	1263	rVB	33283	24486	1.15%	0.185%
34	9.801	1267	1269	1272	rVB2	72091	60050	2.81%	0.453%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106882.D
Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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	9.854	1275	1278	1280	rBV3	88665	72924	3.41%	0.550%
36	9.872	1280	1281	1283	rBV2	42388	35831	1.68%	0.270%
37	9.901	1283	1286	1288	rVB2	124084	106544	4.99%	0.803%
38	9.942	1291	1293	1296	rBV3	50021	63736	2.98%	0.481%
39	9.972	1296	1298	1300	rBV2	63947	53672	2.51%	0.405%
40	9.995	1300	1302	1305	rVV2	351994	283123	13.26%	2.134%
41	10.166	1329	1331	1333	rVB2	85194	59913	2.81%	0.452%
42	10.230	1339	1342	1351	rVB4	74642	162224	7.60%	1.223%
43	10.307	1352	1355	1356	rBV2	47150	46544	2.18%	0.351%
44	10.401	1368	1371	1374	rVB2	99649	95820	4.49%	0.722%
45	10.436	1374	1377	1379	rBV	73154	73683	3.45%	0.555%
46	10.624	1404	1409	1412	rBV	359366	382402	17.90%	2.883%
47	10.677	1416	1418	1422	rVB4	32303	32985	1.54%	0.249%
48	10.748	1428	1430	1434	rVB	62322	54639	2.56%	0.412%
49	10.789	1434	1437	1440	rBV	156681	164939	7.72%	1.243%
50	10.895	1450	1455	1458	rBV	641251	662521	31.02%	4.995%
51	11.101	1488	1490	1492	rVV2	52194	43072	2.02%	0.325%
52	11.124	1492	1494	1498	rVB	49801	45157	2.11%	0.340%
53	11.207	1506	1508	1509	rBV2	34678	27186	1.27%	0.205%
54	11.330	1526	1529	1530	rBV2	46157	36196	1.69%	0.273%
55	11.360	1530	1534	1537	rVV	339810	316270	14.81%	2.384%
56	11.489	1553	1556	1559	rBV	358987	288948	13.53%	2.178%
57	11.601	1573	1575	1579	rVB4	52183	42434	1.99%	0.320%
58	11.636	1579	1581	1585	rVV4	34012	42880	2.01%	0.323%
59	11.671	1585	1587	1590	rVV3	42292	57053	2.67%	0.430%
60	11.707	1590	1593	1599	rVV	114093	145760	6.82%	1.099%
61	11.754	1599	1601	1604	rVB3	60780	53094	2.49%	0.400%
62	11.860	1615	1619	1622	rVB	936048	766953	35.91%	5.782%
63	12.160	1668	1670	1675	rBV	33270	31820	1.49%	0.240%
64	12.554	1732	1737	1739	rBV	1607710	2135807	100.00%	16.102%
65	12.577	1739	1741	1747	rVV2	1468592	1411995	66.11%	10.645%
66	12.654	1750	1754	1757	rVV	422696	380550	17.82%	2.869%
67	12.707	1760	1763	1766	rBV	44609	37755	1.77%	0.285%
68	12.889	1791	1794	1797	rVB2	62210	56315	2.64%	0.425%
69	12.924	1797	1800	1801	rVV2	25256	25842	1.21%	0.195%
70	12.936	1801	1802	1808	rVB2	49006	49950	2.34%	0.377%
71	13.071	1821	1825	1828	rBV	247737	208354	9.76%	1.571%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106882.D
Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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	13.212	1846	1849	1851	rBV2	59848	52152	2.44%	0.393%
73	13.301	1862	1864	1867	rVB3	30534	25665	1.20%	0.193%
74	13.377	1873	1877	1880	rBV	58737	61007	2.86%	0.460%
75	13.812	1947	1951	1953	rVB2	34934	45847	2.15%	0.346%
76	13.948	1971	1974	1978	rVB3	22194	21983	1.03%	0.166%
77	14.048	1988	1991	1996	rBV	46187	47949	2.25%	0.361%
78	14.136	2002	2006	2010	rBV	363667	386011	18.07%	2.910%
79	14.165	2010	2011	2018	rVB	27745	21460	1.00%	0.162%
80	14.577	2077	2081	2087	rBV7	30907	44304	2.07%	0.334%
81	15.036	2153	2159	2166	rBV	66123	106979	5.01%	0.807%
82	15.218	2187	2190	2194	rBV	21838	28870	1.35%	0.218%
83	15.606	2253	2256	2262	rVB	25491	30681	1.44%	0.231%
84	15.677	2262	2268	2278	rBV	226586	334138	15.64%	2.519%
85	16.389	2387	2389	2398	rVB6	17683	32216	1.51%	0.243%
86	16.653	2429	2434	2437	rBV6	11300	21591	1.01%	0.163%

Sum of corrected areas: 13264453

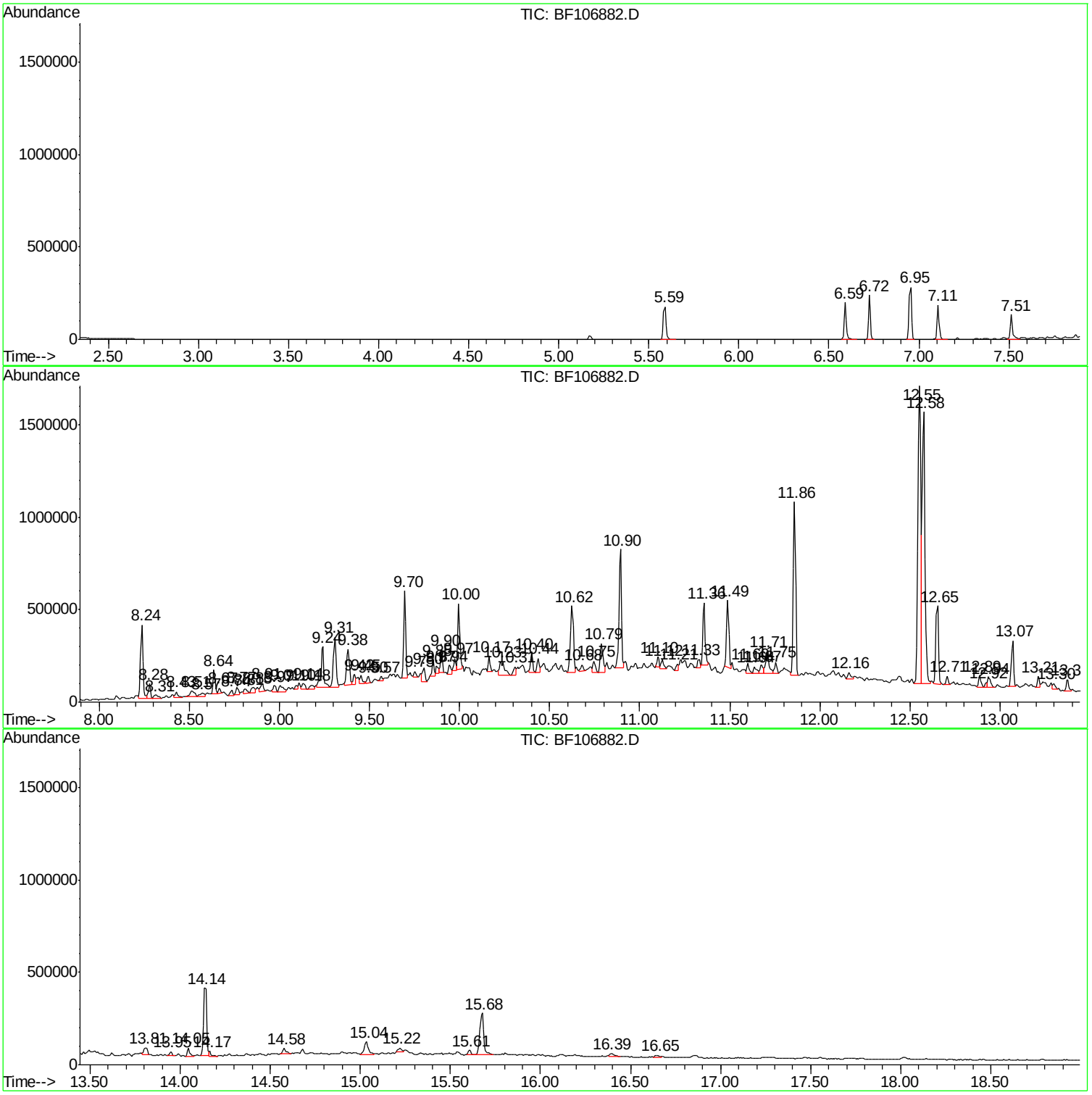
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106882.D
Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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\BF062718\
Data File : BF106882.D
Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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

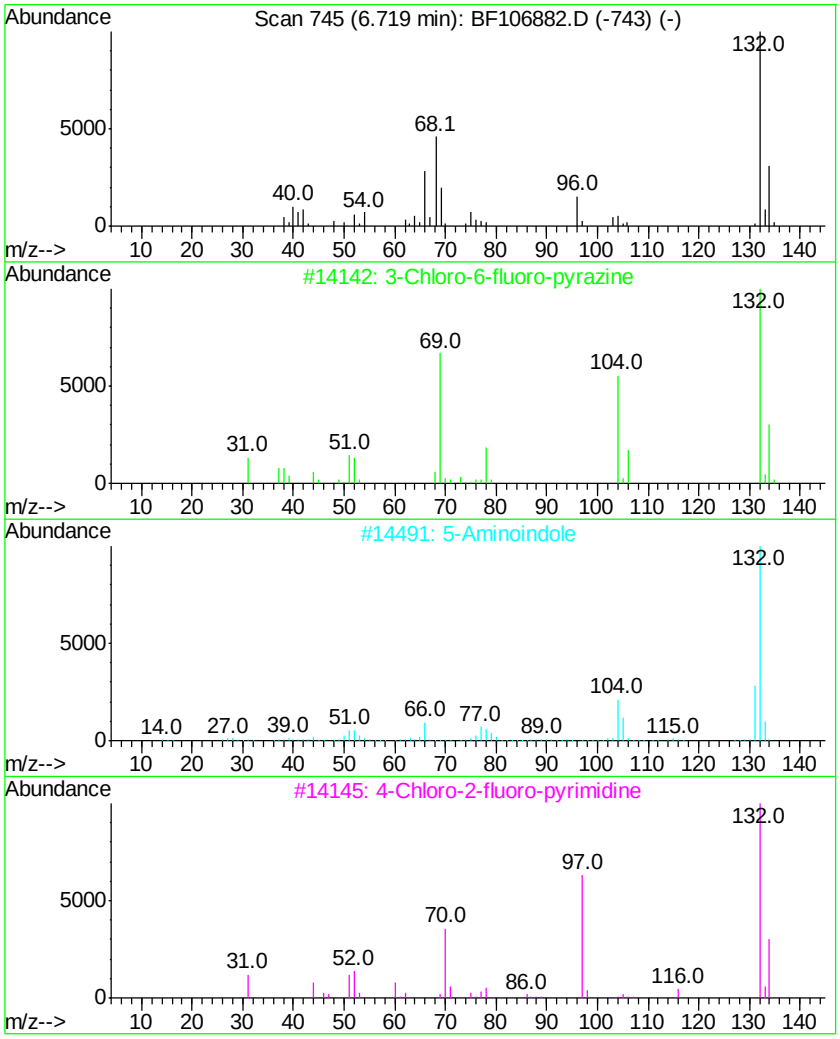
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

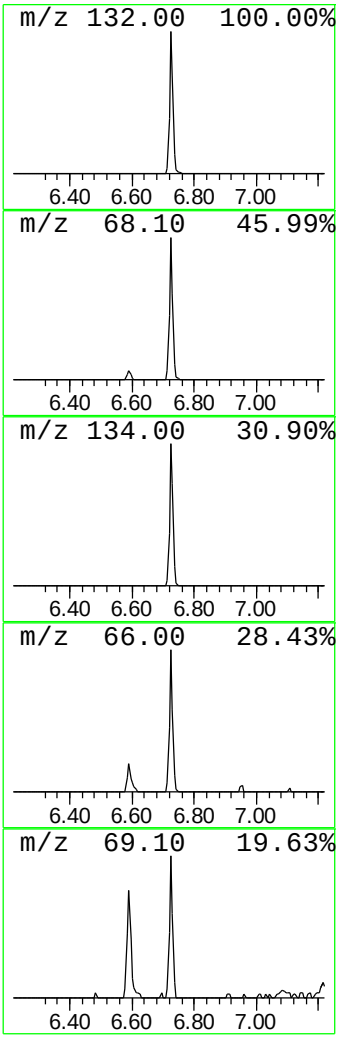
****

Peak Number 1 unknown6.72 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	15.51 ng	185240	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	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106882.D
Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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

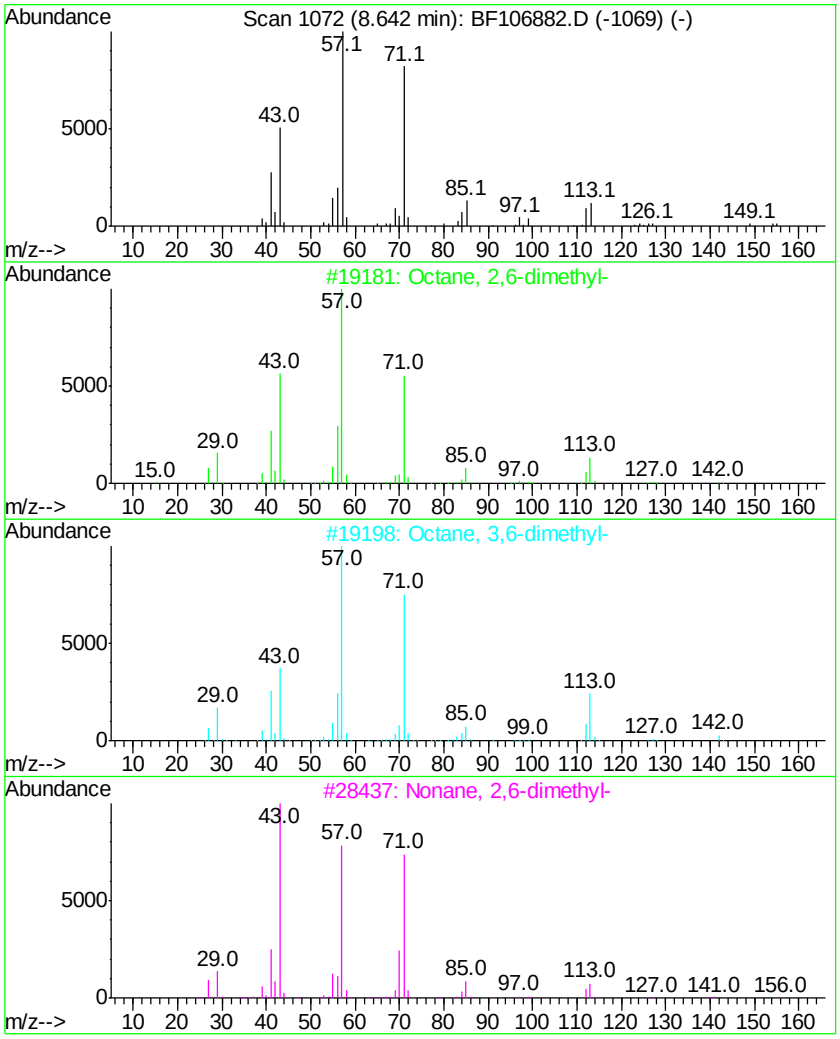
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

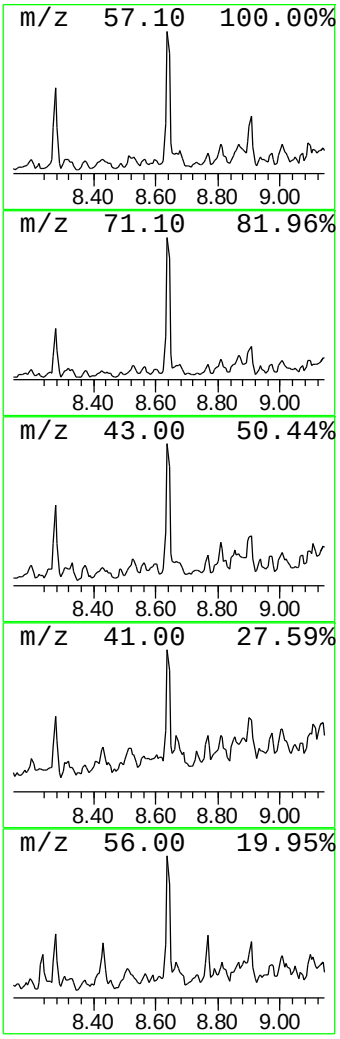
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	6.28 ng	104321	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4	Decane, 5-propyl-	184	C13H28	017312-62-8	64
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106882.D
Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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

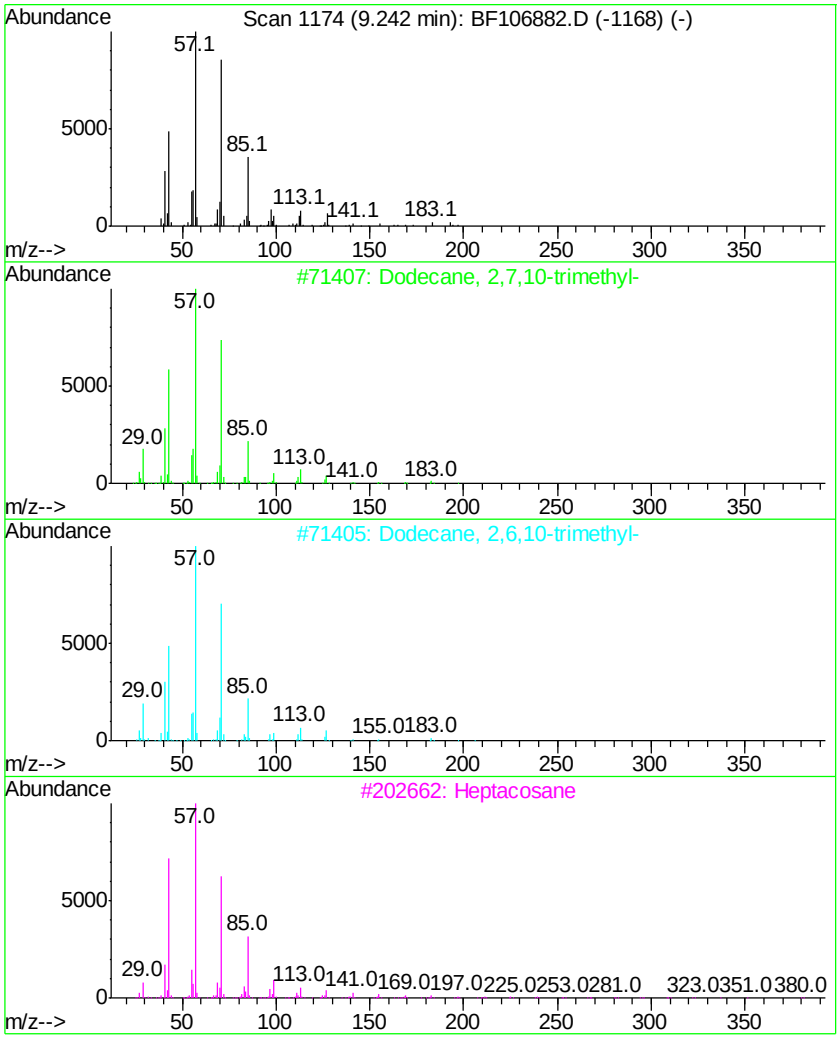
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

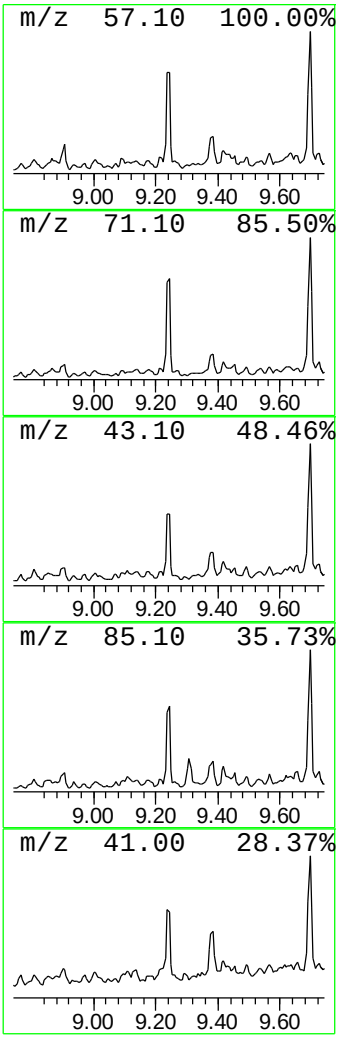
****

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	17.65 ng	249879	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
3	Heptacosane	380	C27H56	000593-49-7	78
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106882.D
Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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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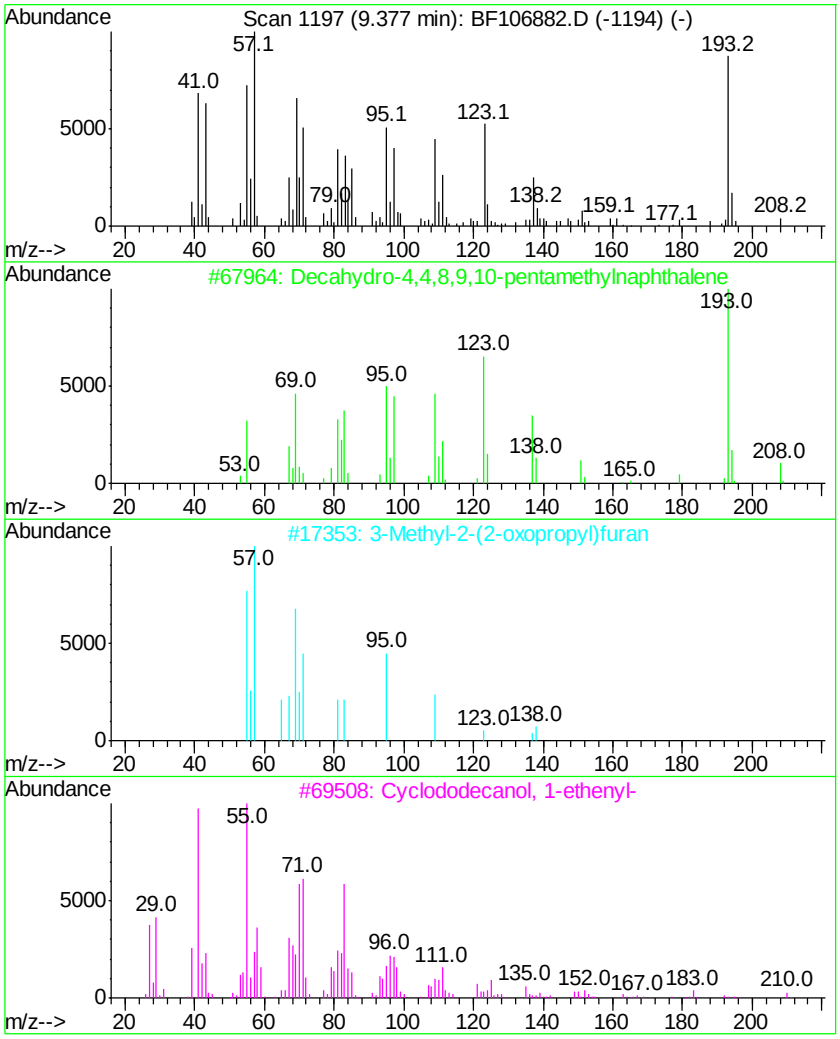
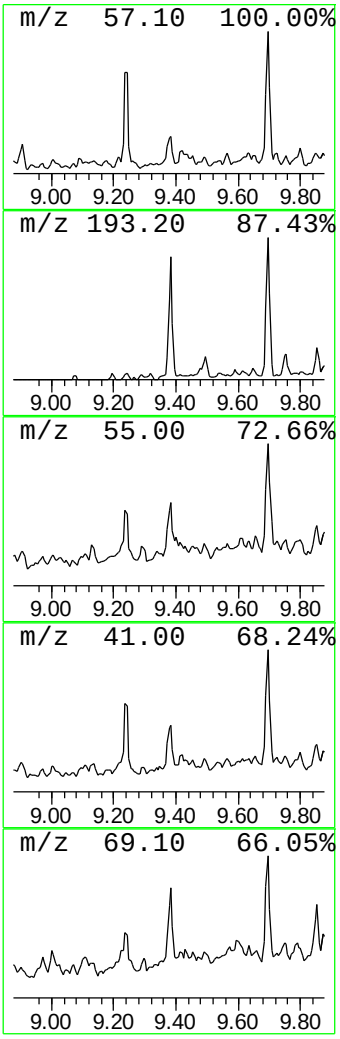
Peak Number 5 unknown9.38 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	14.61 ng	206816	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	46
2	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	35
3	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	25
4	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	18
5	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106882.D
Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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

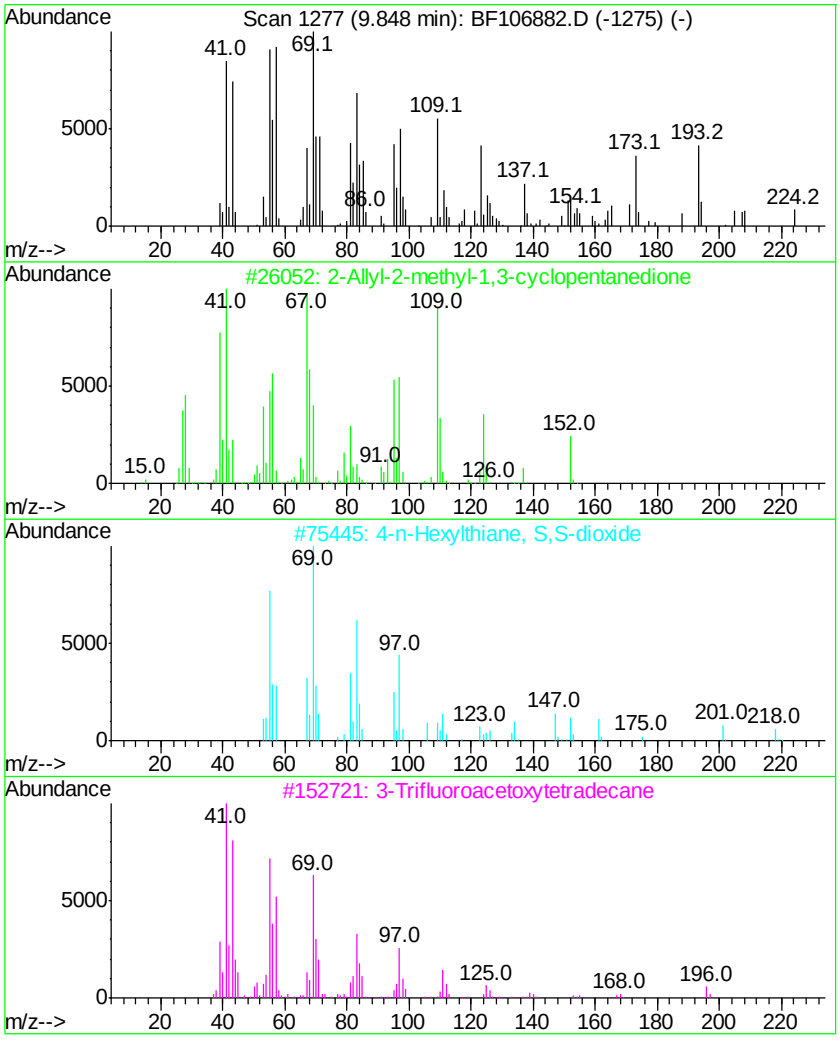
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

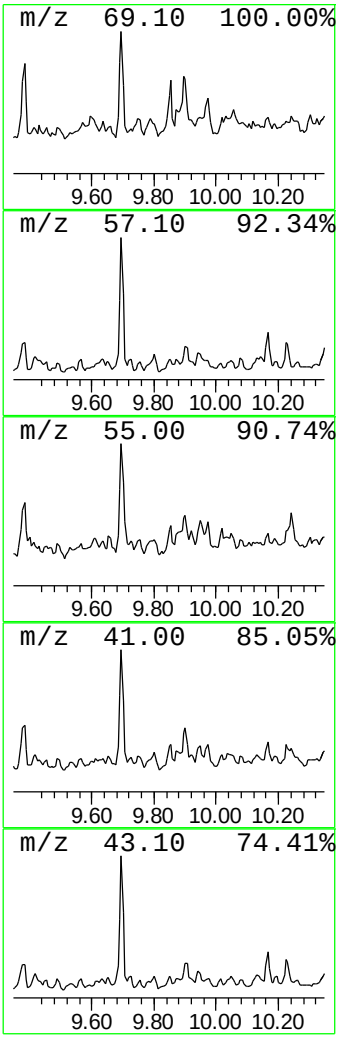
****

Peak Number 6 unknown9.85 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	5.15 ng	72924	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Allyl-2-methyl-1,3-cyclopentan...	152	C9H12O2	026828-48-8	38
2	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	35
3	3-Trifluoroacetoxytetradecane	310	C16H29F3O2	1000245-47-5	30
4	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	30
5	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106882.D
Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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

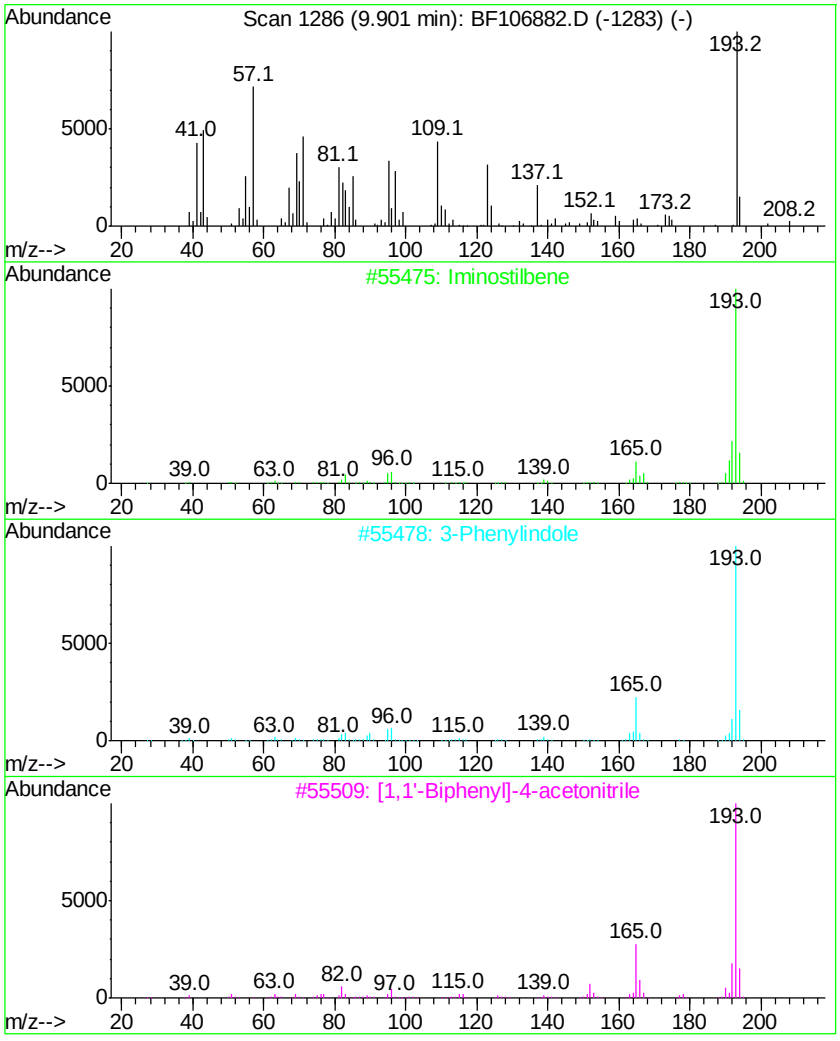
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

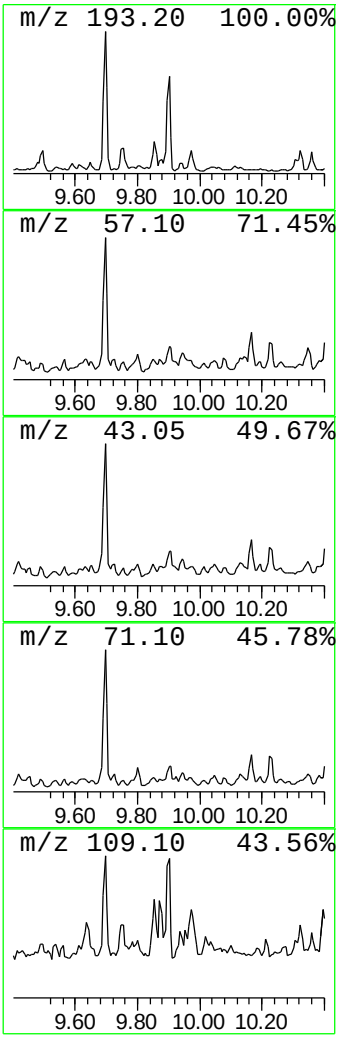
****

Peak Number 7 unknown9.90 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	7.53 ng	106544	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Iminostilbene	193	C14H11N	000256-96-2	22
2	3-Phenylindole	193	C14H11N	001504-16-1	22
3	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	18
4	Benzo[f]quinoline, 3-methyl-	193	C14H11N	000085-06-3	18
5	6-Methylphenanthridine	193	C14H11N	003955-65-5	14





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Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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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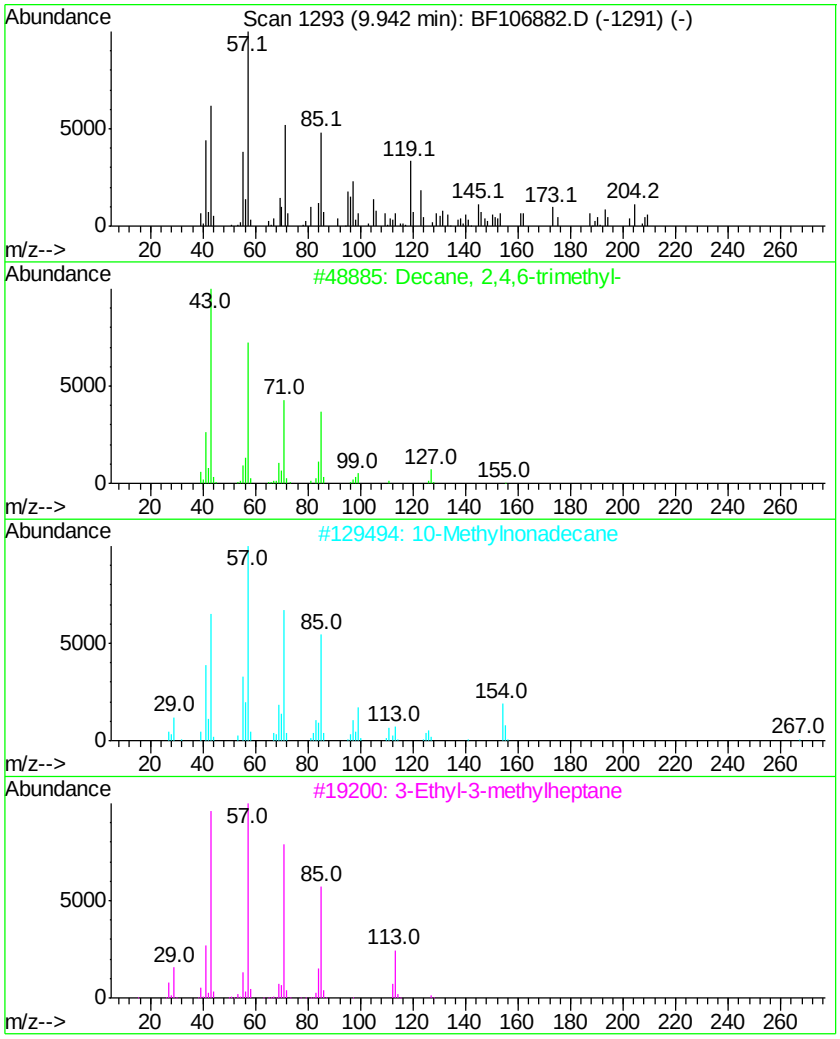
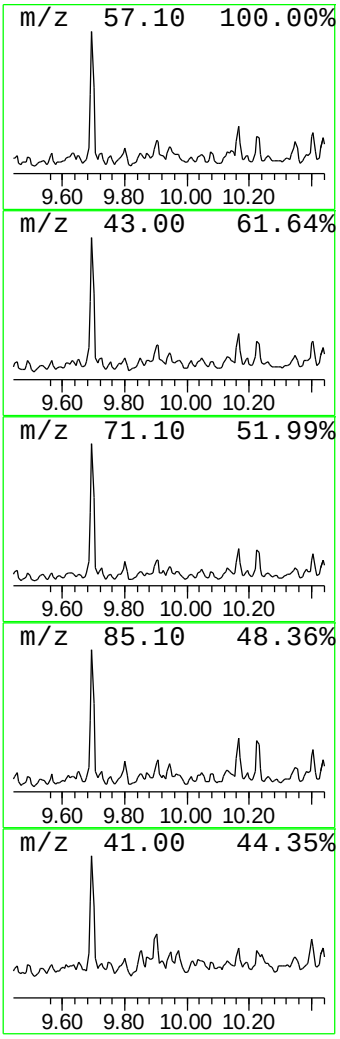
Peak Number 8 unknown9.94 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	4.50 ng	63736	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	38
2	10-Methylnonadecane	282	C20H42	056862-62-5	38
3	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	35
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	35
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	35





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Sample : J3242-07 5X
Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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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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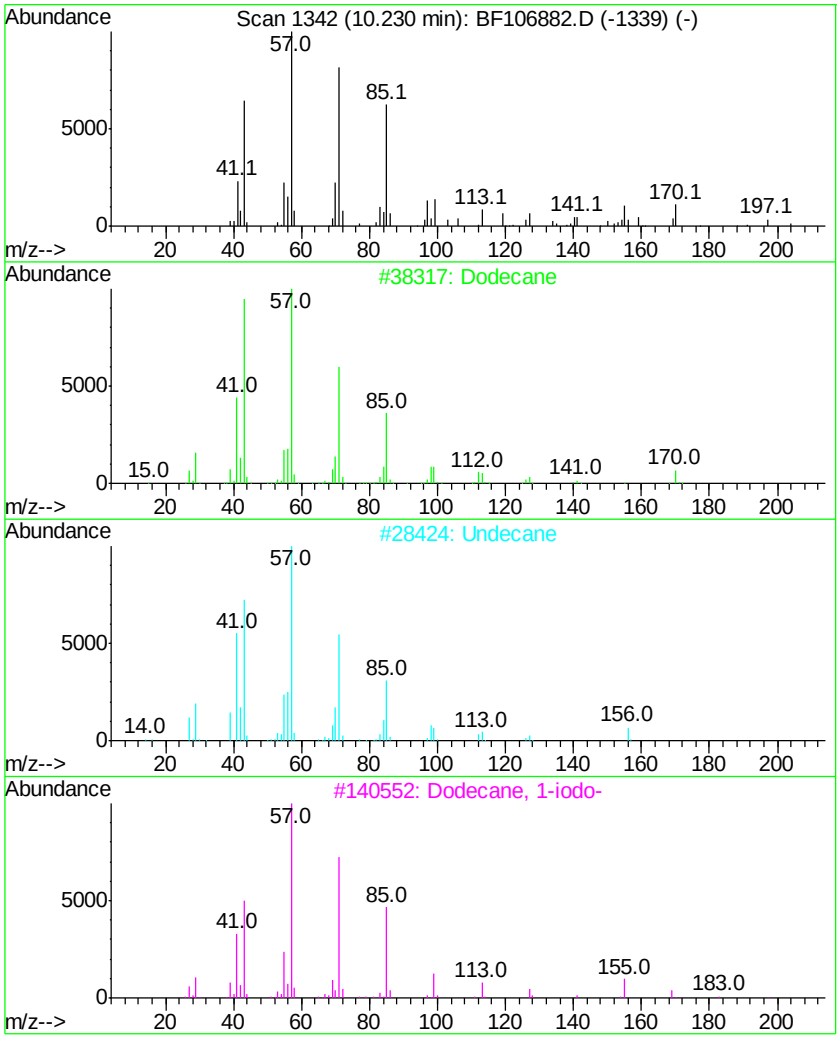
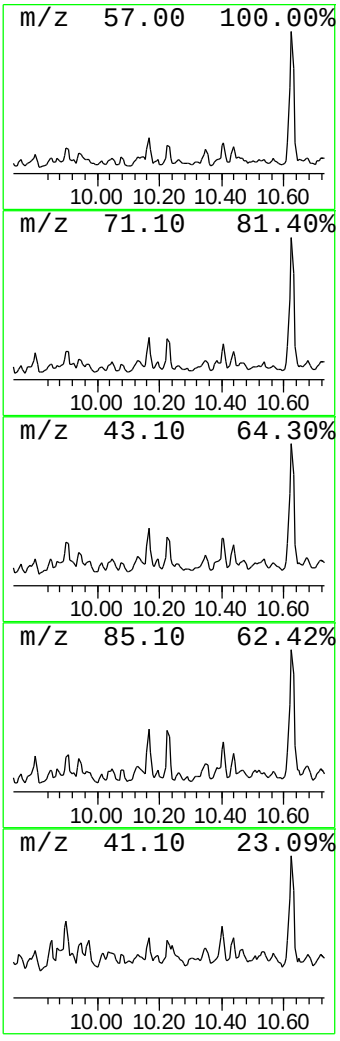
Peak Number 9 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	11.46 ng	162224	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Undecane	156	C11H24	001120-21-4	74
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Docosane	310	C22H46	000629-97-0	72
5	9-methylheptadecane	254	C18H38	026741-18-4	64





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Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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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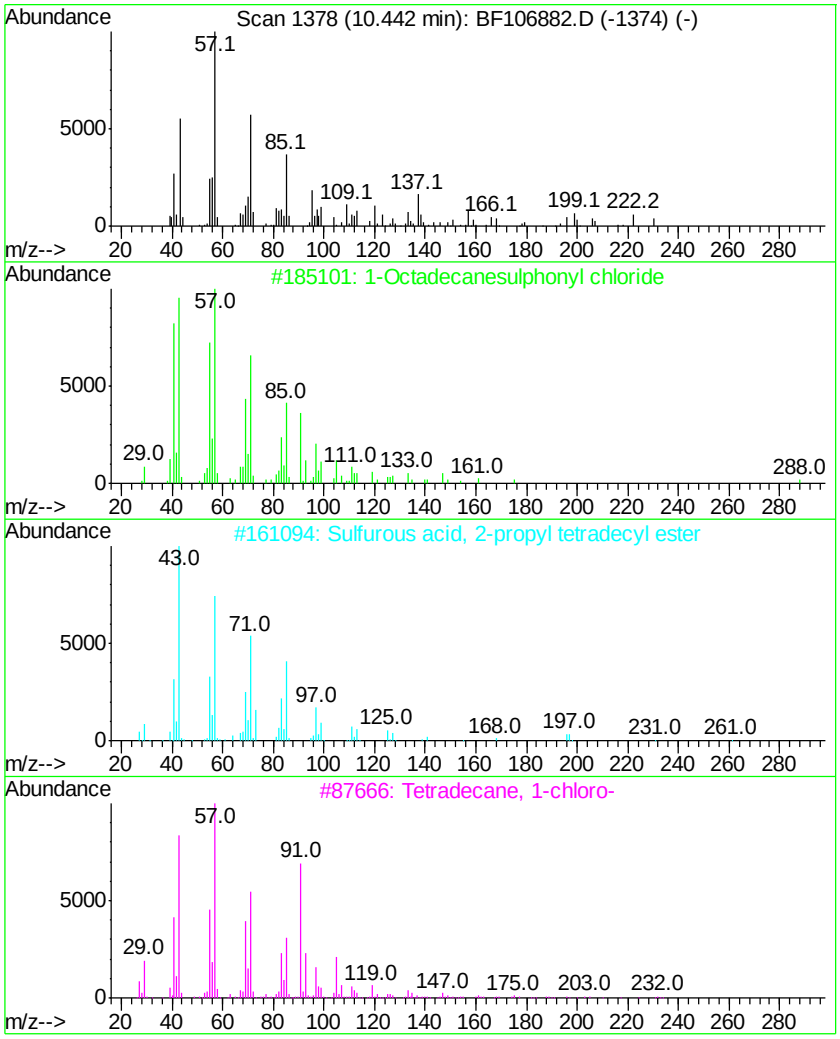
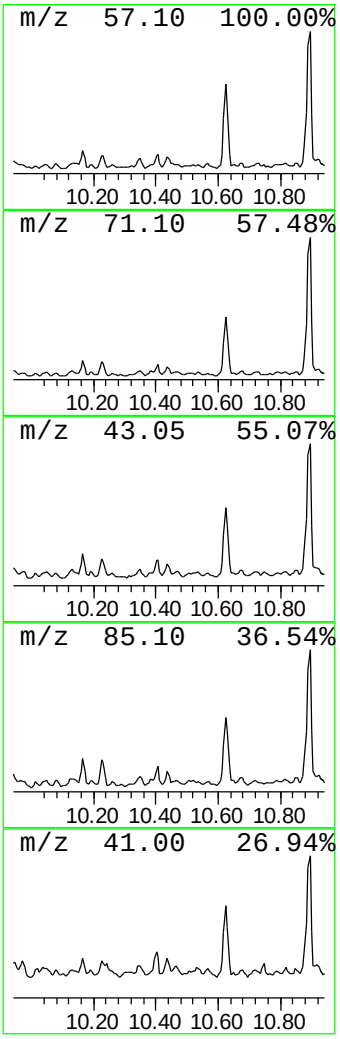
Peak Number 11 1-Octadecanesulphonyl chloride Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	5.21 ng	73683	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72
3	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	64
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
5	Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	64





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Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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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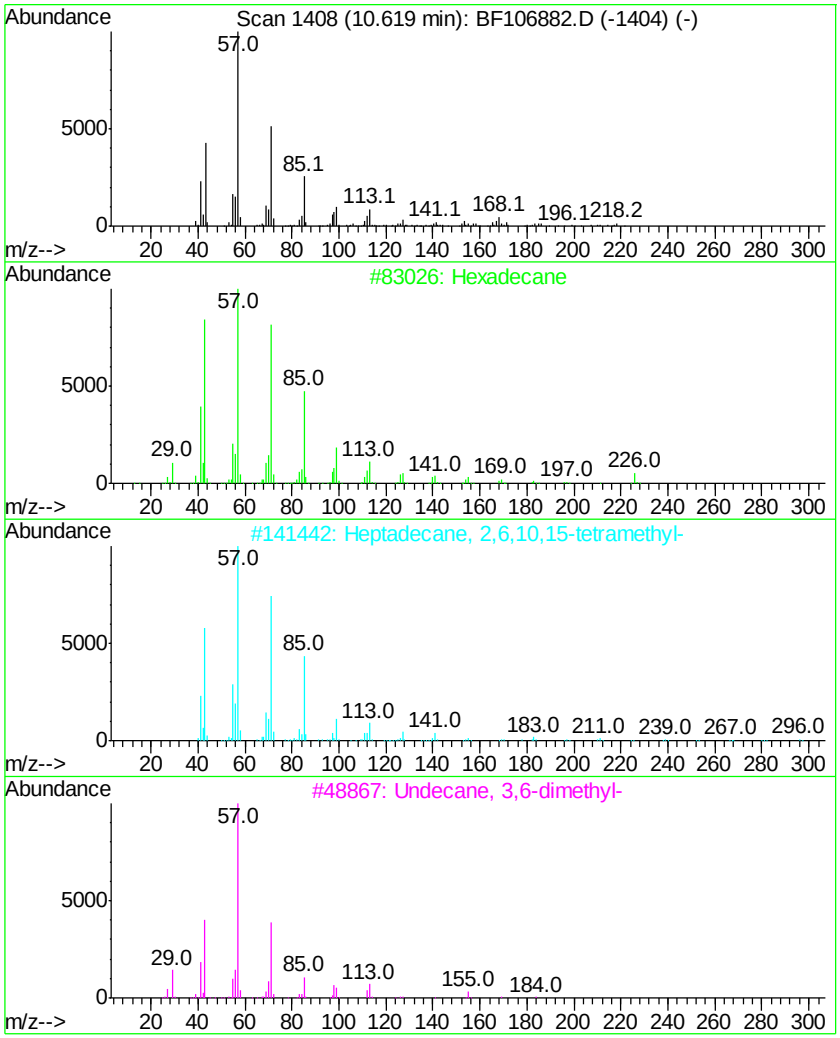
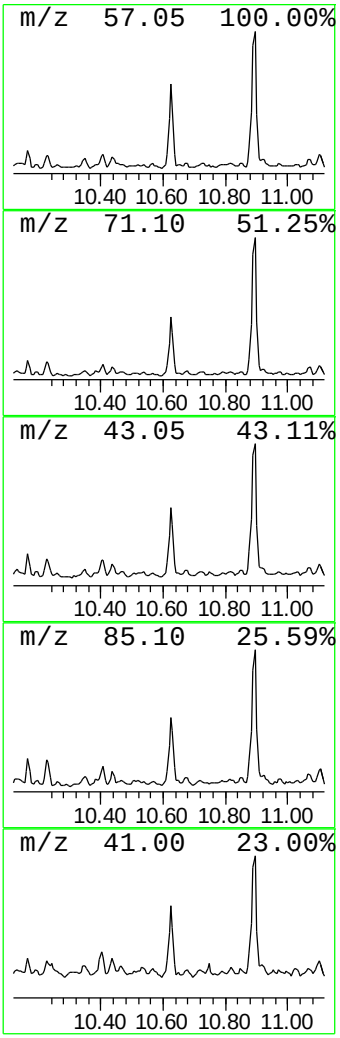
Peak Number 12 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	27.01 ng	382402	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	62
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58





Library Search Compound Report

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Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : JC-02-062618-D

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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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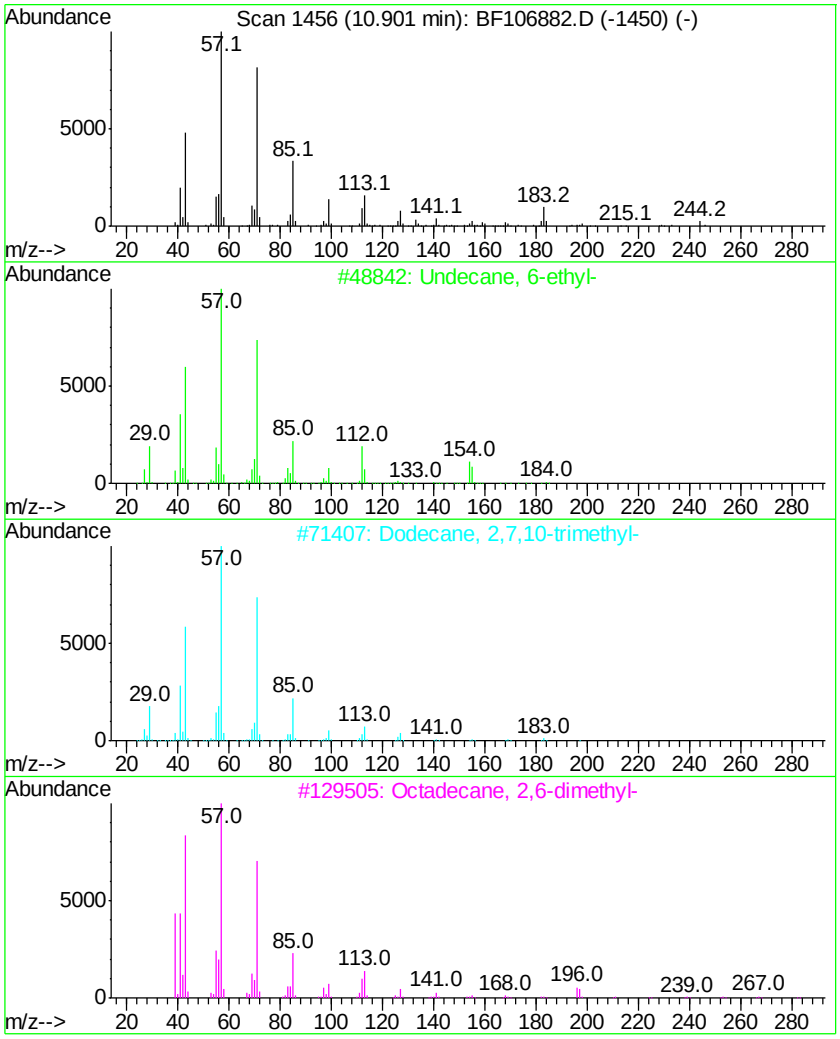
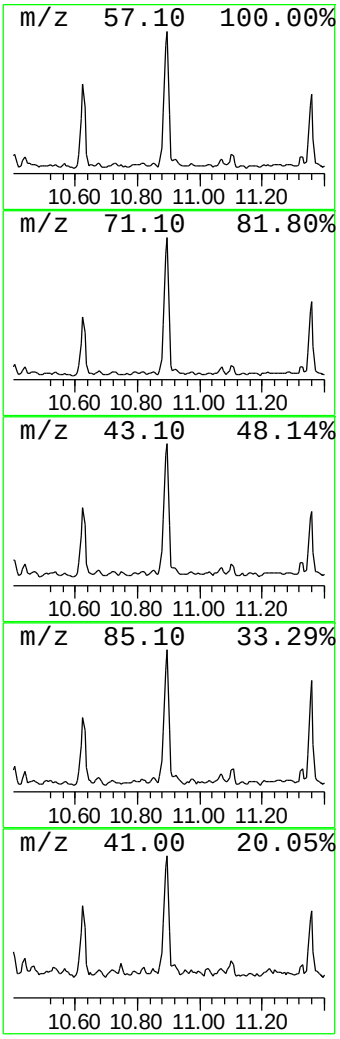
Peak Number 13 Undecane, 6-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	45.86 ng	662521	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	78
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72





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Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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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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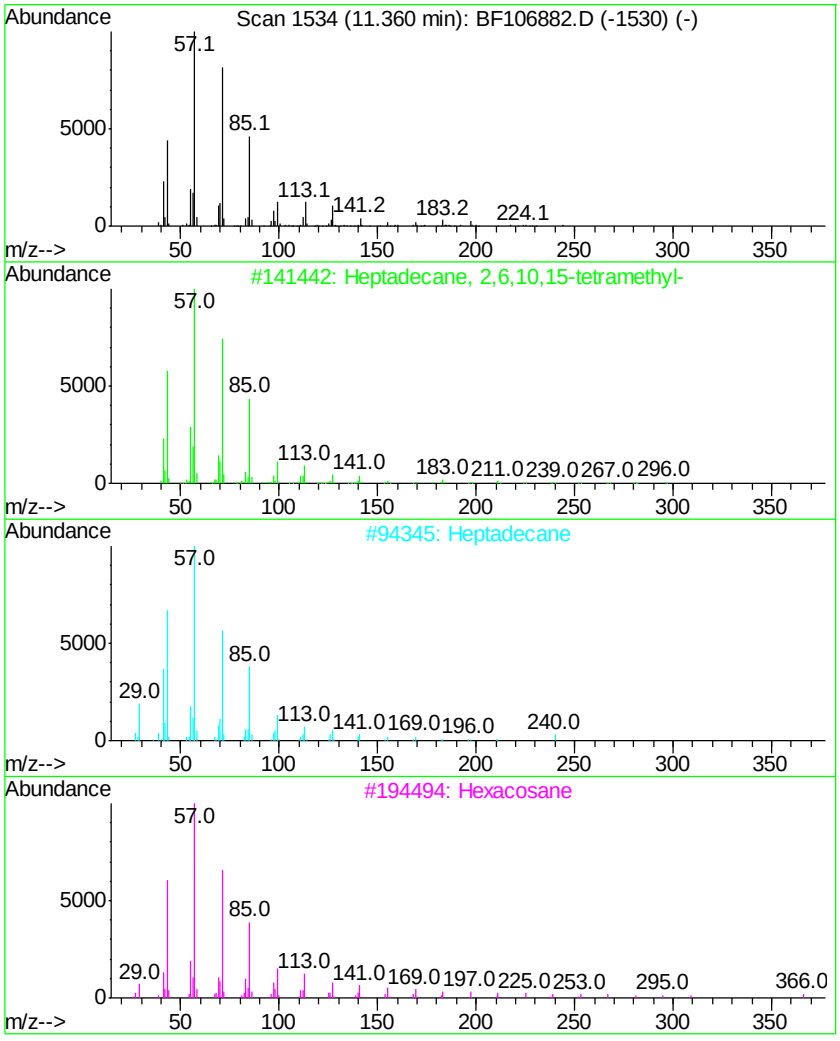
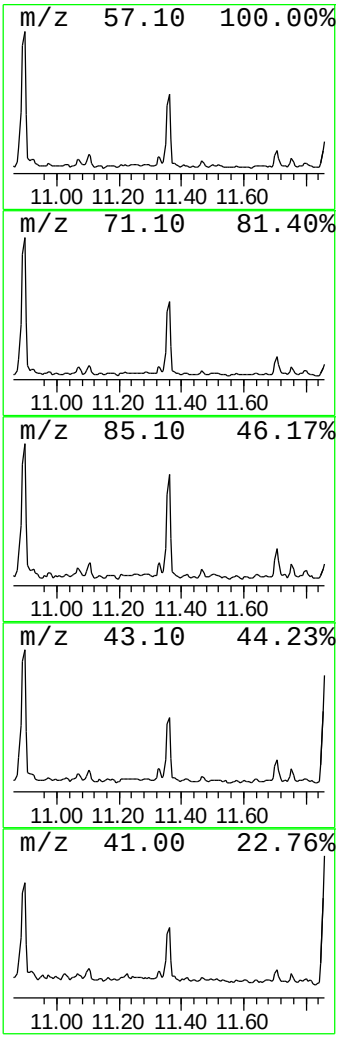
Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	21.89 ng	316270	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	86
5	Heptacosane	380	C27H56	000593-49-7	86





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Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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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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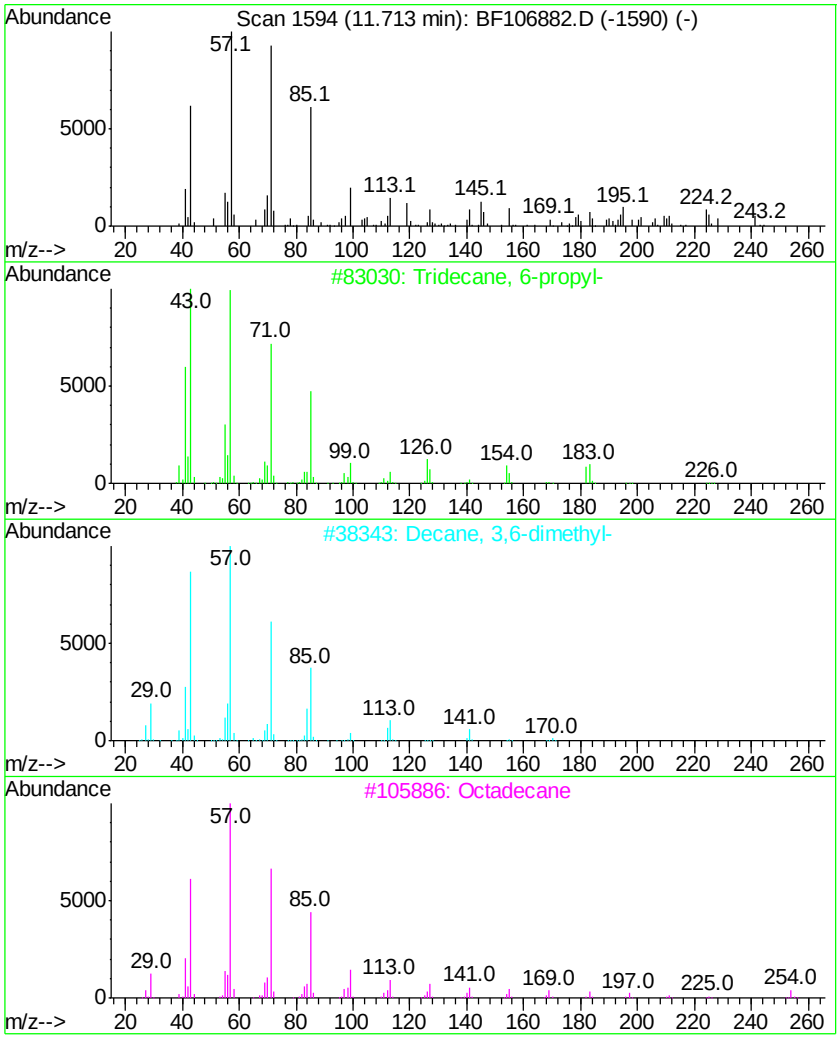
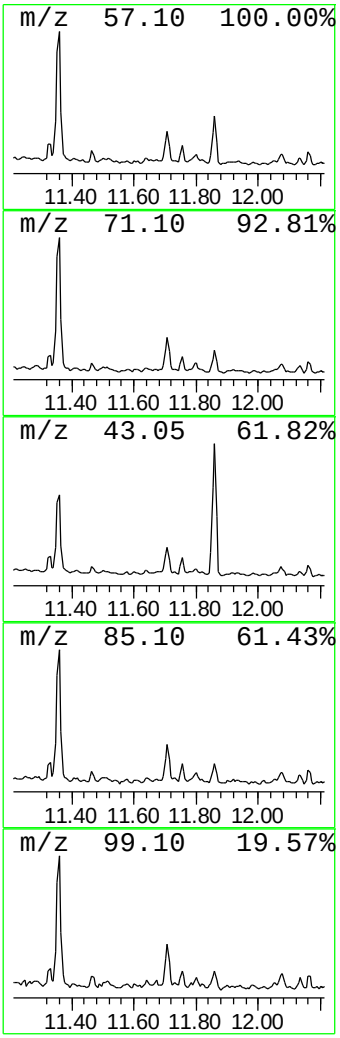
Peak Number 15 Tridecane, 6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	10.09 ng	145760	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
3	Octadecane	254	C18H38	000593-45-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	86





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Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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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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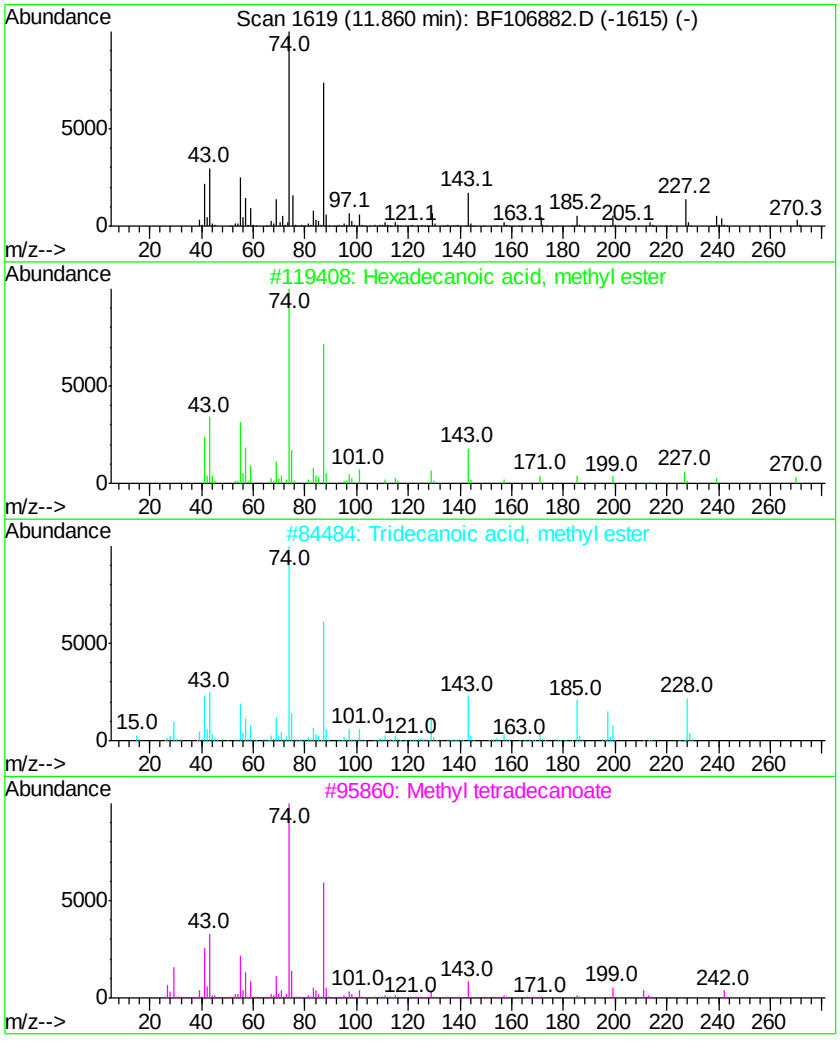
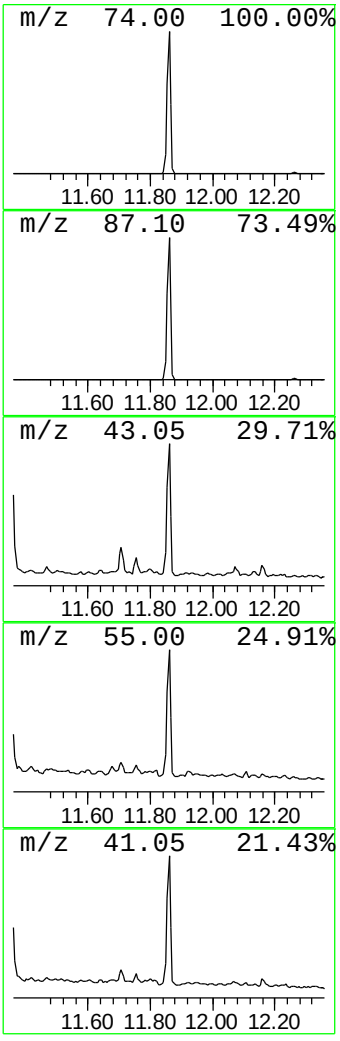
Peak Number 16 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	53.09 ng	766953	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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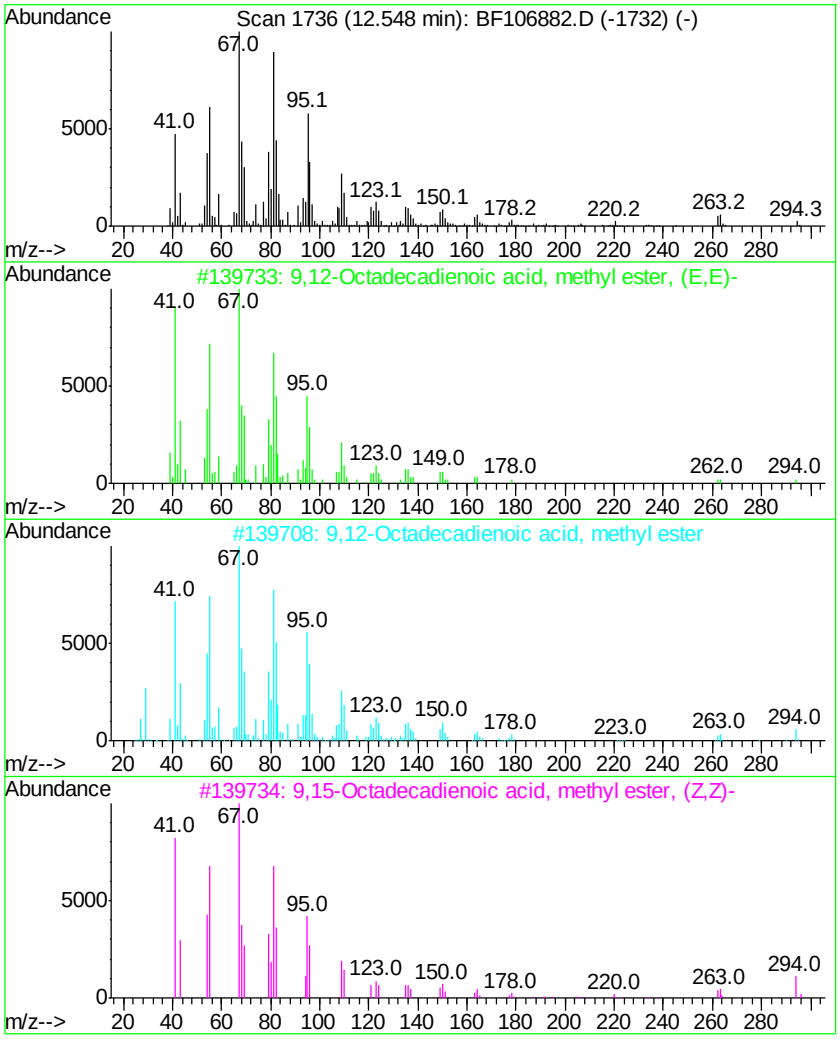
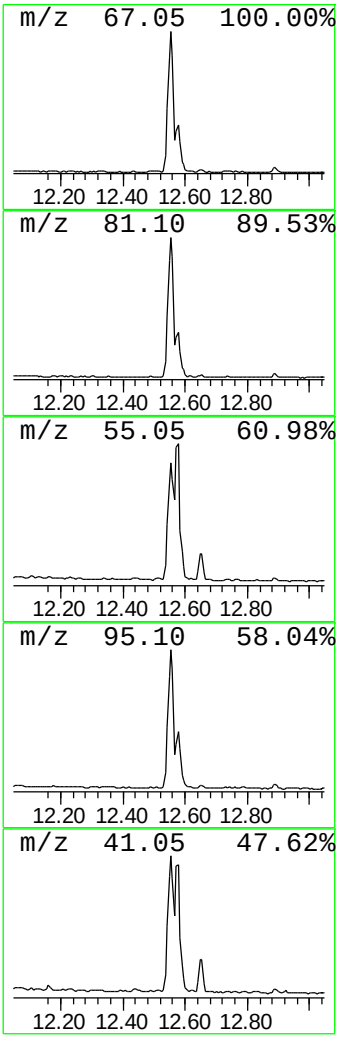
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	147.83 ng	2135810	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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ClientSampleId : JC-02-062618-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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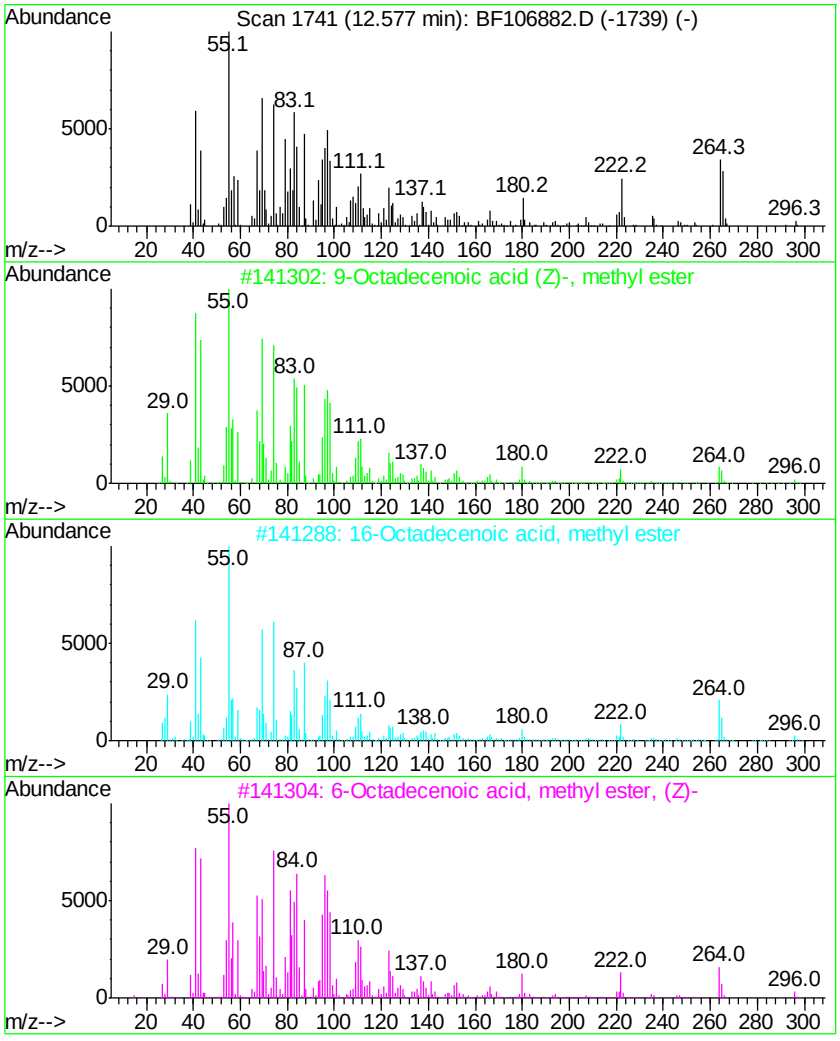
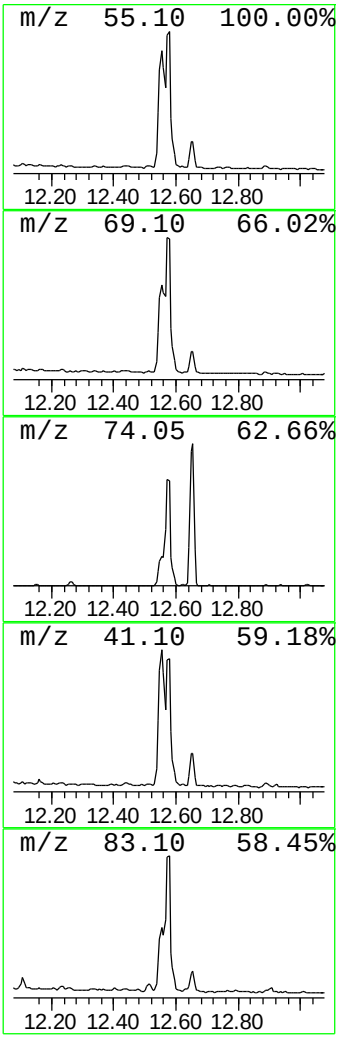
Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	97.73 ng	1412000	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
3	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	98
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	97





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ClientSampleId : JC-02-062618-D

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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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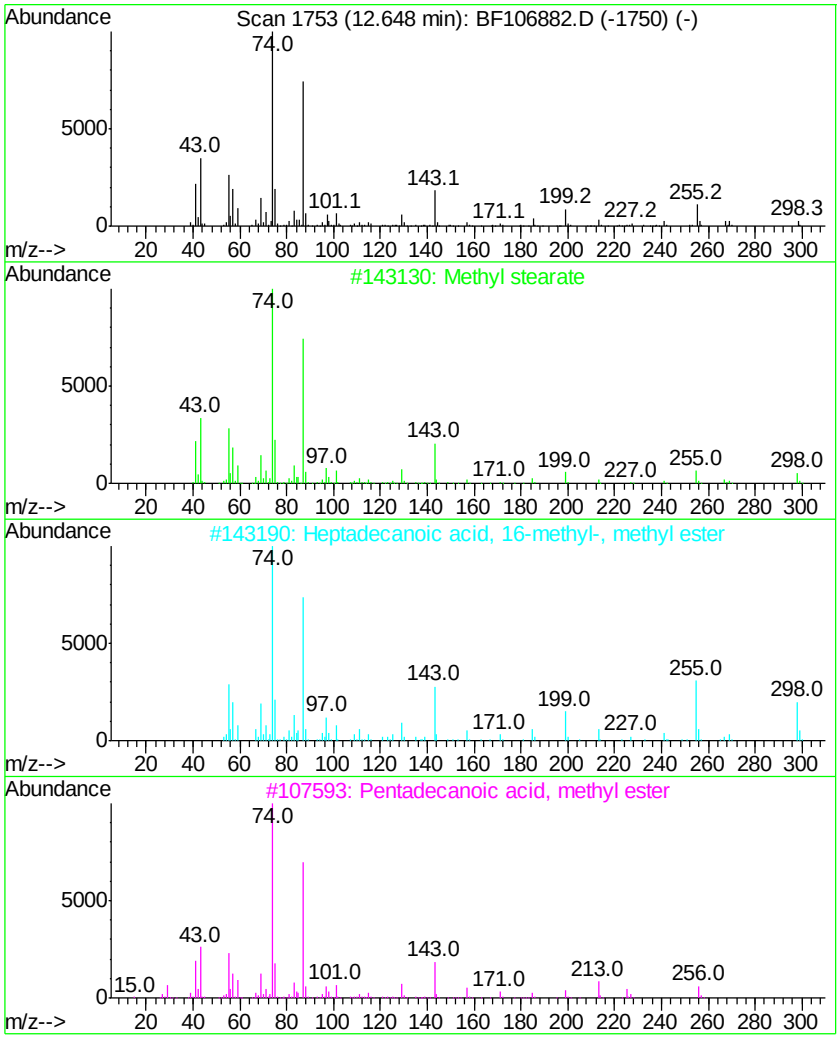
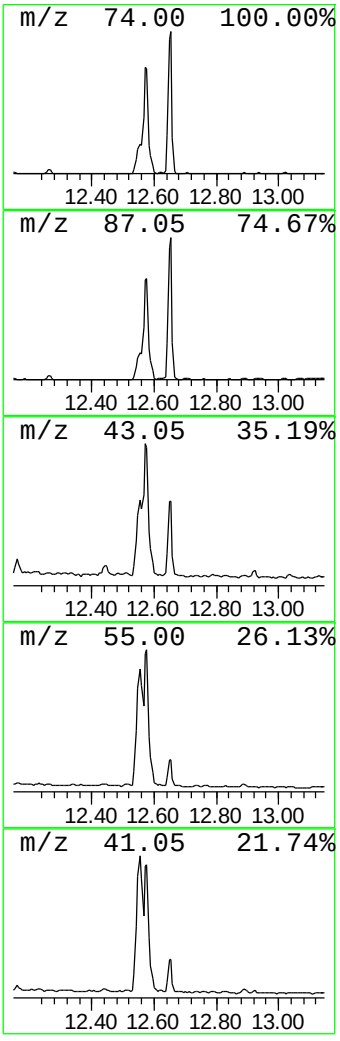
Peak Number 19 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	26.34 ng	380550	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87





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Data File : BF106882.D
Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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

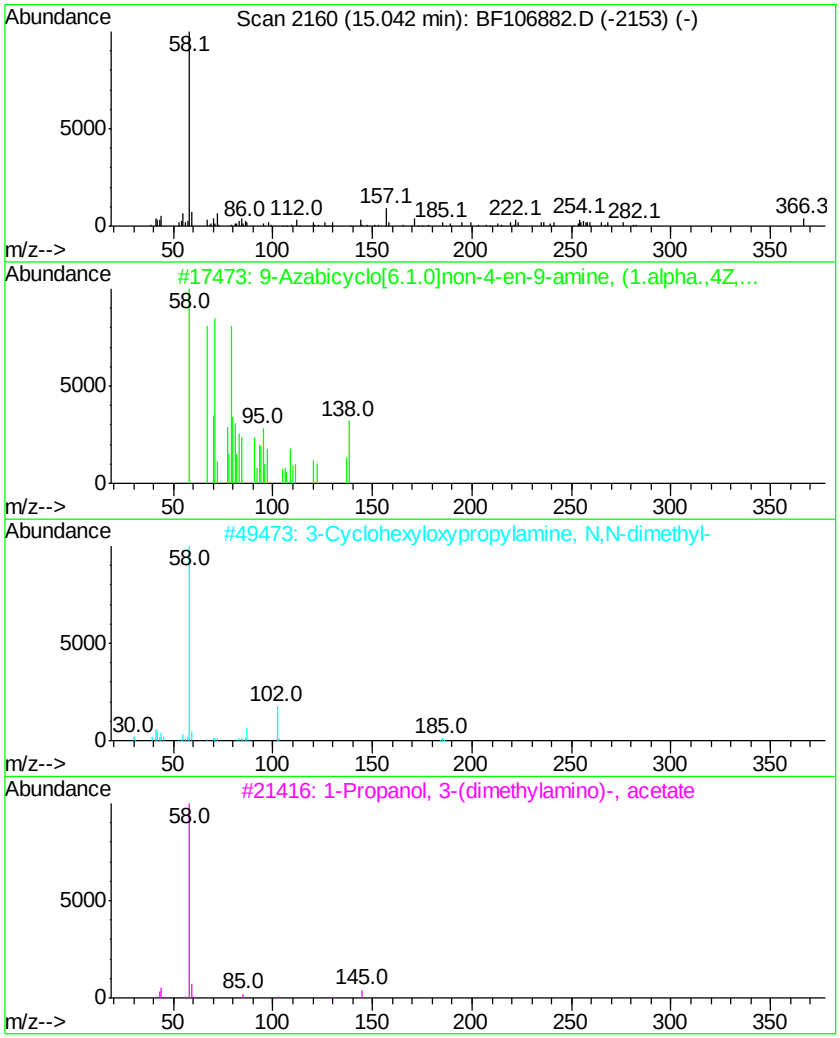
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

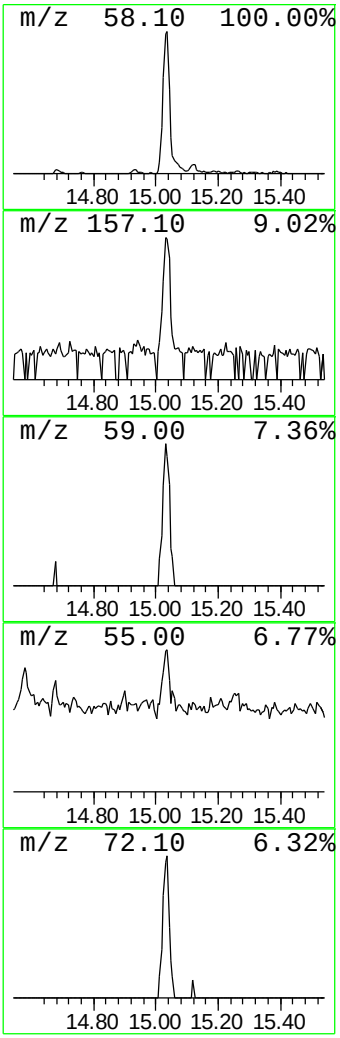
****

Peak Number 20 9-Azabicyclo[6.1.0]non-4-en... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	6.40 ng	106979	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	64
2	3-Cyclohexyloxypropylamine, N,N-...	185	C11H23NO	071126-67-5	64
3	1-Propanol, 3-(dimethylamino)-, ...	145	C7H15NO2	004339-94-0	64
4	Carbonic acid, 2-dimethylaminoet...	263	C7H12Cl3NO3	1000331-44-7	64
5	N-(4-(Dimethylamino)butyl)acetamide	158	C8H18N2O	1000378-76-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
Data File : BF106882.D
Acq On : 27 Jun 2018 19:47
Operator : JU/SJ
Sample : J3242-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-D

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
unknown6.72	6.72	15.5	ng	185240	1	6.95	238890	20.0
Octane, 2,6-dimet...	8.64	6.3	ng	104321	2	8.24	332351	20.0
Dodecane, 2,7,10-...	9.24	17.6	ng	249879	3	10.00	283123	20.0
unknown9.38	9.38	14.6	ng	206816	3	10.00	283123	20.0
unknown9.85	9.85	5.2	ng	72924	3	10.00	283123	20.0
unknown9.90	9.90	7.5	ng	106544	3	10.00	283123	20.0
unknown9.94	9.94	4.5	ng	63736	3	10.00	283123	20.0
Dodecane	10.23	11.5	ng	162224	3	10.00	283123	20.0
1-Octadecanesulph...	10.44	5.2	ng	73683	3	10.00	283123	20.0
Hexadecane	10.62	27.0	ng	382402	3	10.00	283123	20.0
Undecane, 6-ethyl-	10.90	45.9	ng	662521	4	11.49	288948	20.0
Heptadecane, 2,6,...	11.36	21.9	ng	316270	4	11.49	288948	20.0
Tridecane, 6-propyl-	11.71	10.1	ng	145760	4	11.49	288948	20.0
Hexadecanoic acid...	11.86	53.1	ng	766953	4	11.49	288948	20.0
9,12-Octadecadien...	12.55	147.8	ng	2135810	4	11.49	288948	20.0
9-Octadecenoic ac...	12.58	97.7	ng	1412000	4	11.49	288948	20.0
Methyl stearate	12.65	26.3	ng	380550	4	11.49	288948	20.0
9-Azabicyclo[6.1....	15.04	6.4	ng	106979	6	15.68	334138	20.0