LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106394.D
Acq On : 13 Jun 2018 16:38
Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.201	483	487	494	rVB	279358	309621	9.31%	0.804%
2	5.607	553	556	563	rBV	2791000	3081704	92.70%	8.005%
3	6.572	714	720	722	rBV	25914	35231	1.06%	0.092%
4	6.607	722	726	737	rVB	2805289	3217208	96.78%	8.357%
5	6.748	746	750	753	rBV	3352781	2973348	89.44%	7.723%
6	6.966	783	787	790	rVB	1228460	950689	28.60%	2.469%
7	7.125	809	814	817	rBV	2517551	2394708	72.03%	6.220%
8	7.525	878	882	885	rBV	2004155	2056924	61.87%	5.343%
9	7.613	890	897	900	rBV	56060	80449	2.42%	0.209%
10	8.248	1001	1005	1008	rBV	1465309	1228438	36.95%	3.191%
11	8.295	1010	1013	1015	rVB	125133	101937	3.07%	0.265%
12	8.325	1015	1018	1021	rBV2	37135	40517	1.22%	0.105%
13	8.531	1050	1053	1058	rVB5	67249	75652	2.28%	0.197%
14	8.578	1058	1061	1065	rBV6	20342	37194	1.12%	0.097%
15	8.654	1071	1074	1077	rBV	179603	139806	4.21%	0.363%
16	8.748	1087	1090	1092	rBV3	42233	34679	1.04%	0.090%
17	8.842	1102	1106	1107	rBV3	50946	64284	1.93%	0.167%
18	8.919	1116	1119	1123	rVB3	64272	79804	2.40%	0.207%
19	8.989	1129	1131	1133	rVB3	44433	34911	1.05%	0.091%
20	9.019	1133	1136	1138	rBV4	46367	51765	1.56%	0.134%
21	9.125	1149	1154	1155	rBV3	39939	63968	1.92%	0.166%
22	9.148	1155	1158	1161	rVV3	90136	96591	2.91%	0.251%
23	9.189	1161	1165	1169	rVV6	48061	70908	2.13%	0.184%
24	9.236	1170	1173	1174	rVV2	51582	58194	1.75%	0.151%
25	9.254	1174	1176	1179	rVV	296825	238583	7.18%	0.620%
26	9.325	1183	1188	1191	rVB	3422127	3321517	99.91%	8.628%
27	9.395	1196	1200	1204	rBV3	129834	162384	4.88%	0.422%
28	9.431	1204	1206	1208	rVV2	48454	46697	1.40%	0.121%
29	9.466	1210	1212	1214	rVB2	70334	56801	1.71%	0.148%
30	9.513	1214	1220	1222	rBV6	38875	65056	1.96%	0.169%
31	9.584	1229	1232	1237	rBV3	114182	174968	5.26%	0.454%
32	9.660	1241	1245	1247	rVV	161597	201758	6.07%	0.524%
33	9.684	1247	1249	1251	rVV2	119823	116957	3.52%	0.304%
34	9.713	1251	1254	1257	rVV	1208966	1044104	31.41%	2.712%

LSC Area Percent Report

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Acq On : 13 Jun 2018 16:38
Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	9.742	1257	1259	1261	rVB3	67283	56162	1.69%	0.146%
36	9.778	1261	1265	1266	rBV3	93890	115515	3.47%	0.300%
37	9.795	1266	1268	1270	rVV2	55169	38205	1.15%	0.099%
38	9.819	1270	1272	1274	rVB	75445	55213	1.66%	0.143%
39	9.866	1277	1280	1282	rBV2	178238	157498	4.74%	0.409%
40	9.913	1282	1288	1293	rBV2	209932	227698	6.85%	0.591%
41	9.960	1293	1296	1298	rBV3	63448	65580	1.97%	0.170%
42	10.007	1298	1304	1307	rBV	1600273	1412275	42.48%	3.668%
43	10.036	1307	1309	1312	rVV4	38187	37286	1.12%	0.097%
44	10.107	1317	1321	1325	rBV3	120726	181261	5.45%	0.471%
45	10.148	1325	1328	1331	rBV4	80368	114423	3.44%	0.297%
46	10.183	1331	1334	1335	rVV	72633	74301	2.24%	0.193%
47	10.201	1335	1337	1340	rVB2	183539	158017	4.75%	0.410%
48	10.242	1341	1344	1349	rBV2	220371	224920	6.77%	0.584%
49	10.319	1354	1357	1359	rBV	205729	189994	5.72%	0.494%
50	10.348	1359	1362	1364	rBV	92351	82215	2.47%	0.214%
51	10.425	1368	1375	1377	rBV5	192967	392167	11.80%	1.019%
52	10.454	1377	1380	1382	rBV	62017	65273	1.96%	0.170%
53	10.548	1393	1396	1398	rBV2	56334	48897	1.47%	0.127%
54	10.572	1398	1400	1404	rVB4	53483	51102	1.54%	0.133%
55	10.642	1407	1412	1414	rBV	367721	391009	11.76%	1.016%
56	10.695	1418	1421	1424	rBV4	61945	84858	2.55%	0.220%
57	10.760	1430	1432	1435	rBV3	55102	55766	1.68%	0.145%
58	10.801	1435	1439	1442	rVV	2420866	2269465	68.27%	5.895%
59	10.825	1442	1443	1448	rVB2	71277	52557	1.58%	0.137%
60	10.907	1452	1457	1461	rBV	681909	744942	22.41%	1.935%
61	10.989	1469	1471	1474	rBV3	91110	69961	2.10%	0.182%
62	11.089	1485	1488	1491	rBV3	67693	83641	2.52%	0.217%
63	11.242	1507	1514	1521	rBV6	97542	214758	6.46%	0.558%
64	11.295	1521	1523	1527	rVB4	39697	35819	1.08%	0.093%
65	11.342	1528	1531	1533	rBV2	79373	58884	1.77%	0.153%
66	11.372	1533	1536	1539	rBV	268416	247407	7.44%	0.643%
67	11.495	1553	1557	1560	rBV	1646597	1478520	44.48%	3.840%
68	11.607	1571	1576	1578	rBV4	50913	82372	2.48%	0.214%
69	11.725	1593	1596	1599	rBV2	89315	83881	2.52%	0.218%
70	11.772	1602	1604	1607	rVB	59759	42524	1.28%	0.110%
71	11.872	1618	1621	1624	rVB2	42658	43148	1.30%	0.112%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3458-02
Misc :
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Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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
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72	12.007	1640	1644	1646	rBV2	67837	100432	3.02%	0.261%
73	12.707	1761	1763	1765	rBV	43738	41436	1.25%	0.108%
74	12.883	1790	1793	1797	rVB	71084	71798	2.16%	0.186%
75	12.942	1800	1803	1805	rBV	40270	36017	1.08%	0.094%
76	13.083	1822	1827	1830	rBV	3548565	3324375	100.00%	8.635%
77	13.966	1974	1977	1982	rBV	154296	168691	5.07%	0.438%
78	14.107	1998	2001	2004	rBV	60963	53771	1.62%	0.140%
79	14.142	2004	2007	2011	rVV	1091433	1039040	31.26%	2.699%
80	14.607	2083	2086	2095	rBV8	32725	70672	2.13%	0.184%
81	15.013	2152	2155	2161	rVB2	41816	47965	1.44%	0.125%
82	15.683	2264	2269	2277	rVB	819351	1049311	31.56%	2.726%

Sum of corrected areas: 38498377

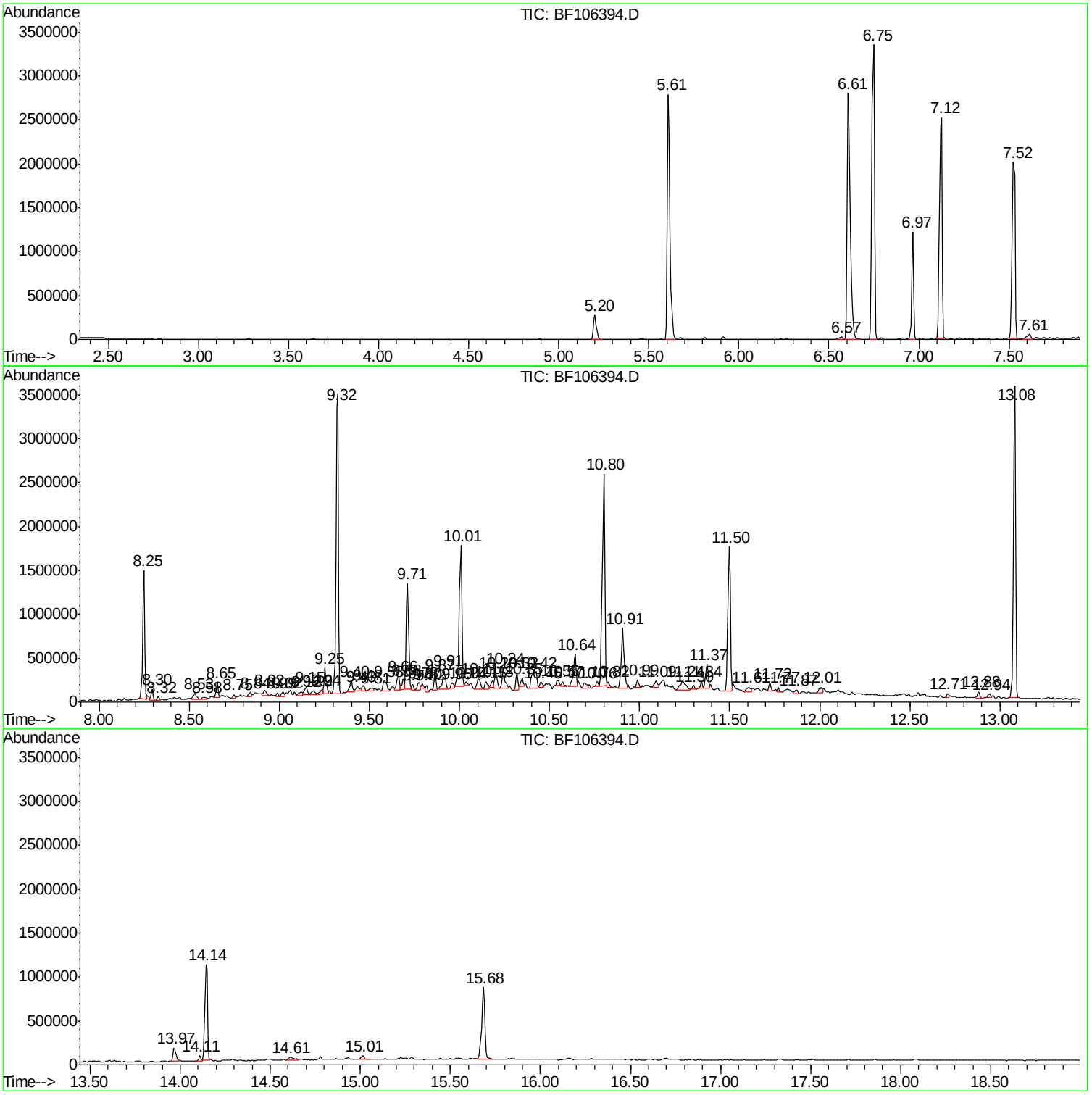
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106394.D
Acq On : 13 Jun 2018 16:38
Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106394.D
Acq On : 13 Jun 2018 16:38
Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

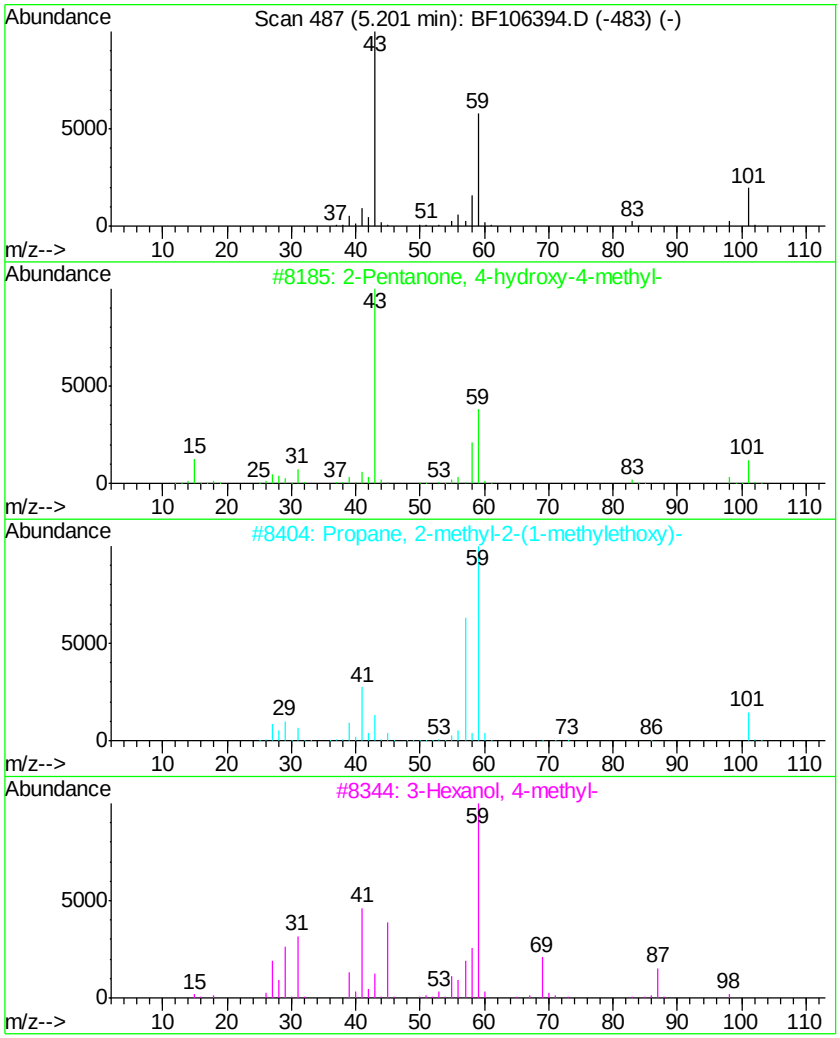
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

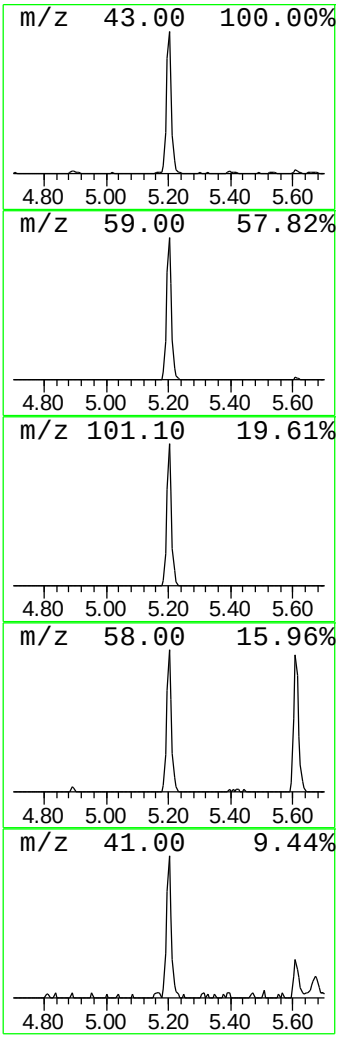
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	6.51 ng	309621	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106394.D
Acq On : 13 Jun 2018 16:38
Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

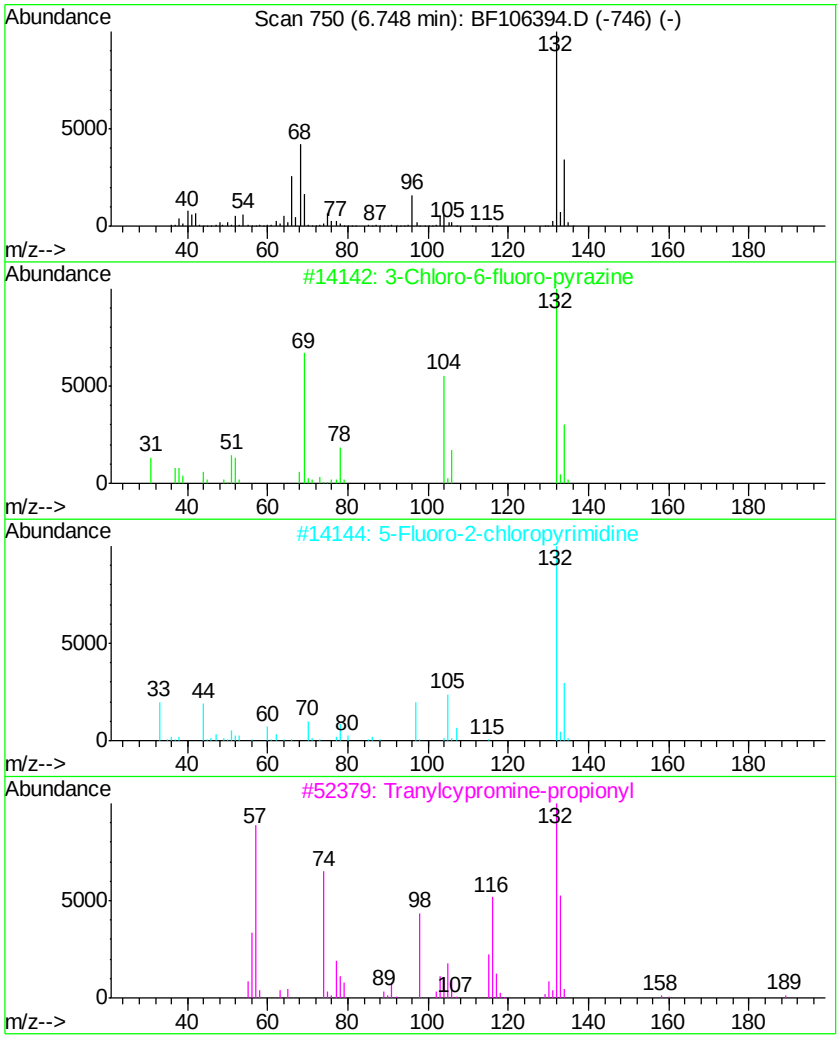
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

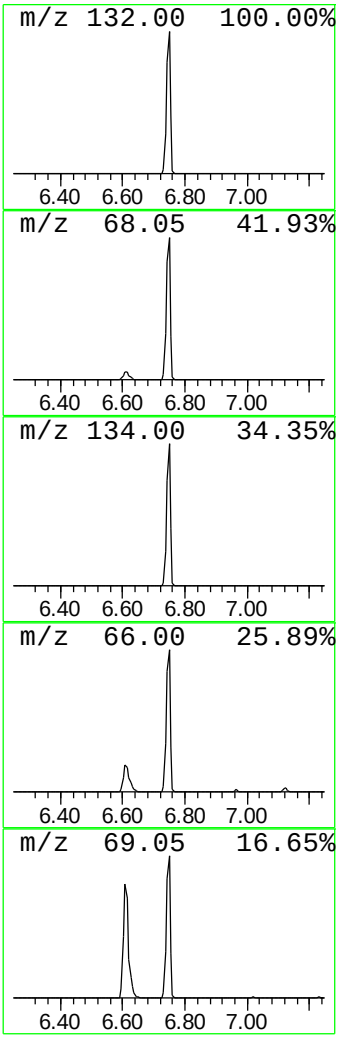
****

Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	62.55 ng	2973350	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

TIC Library : C:\DATABASE\NIST11.L
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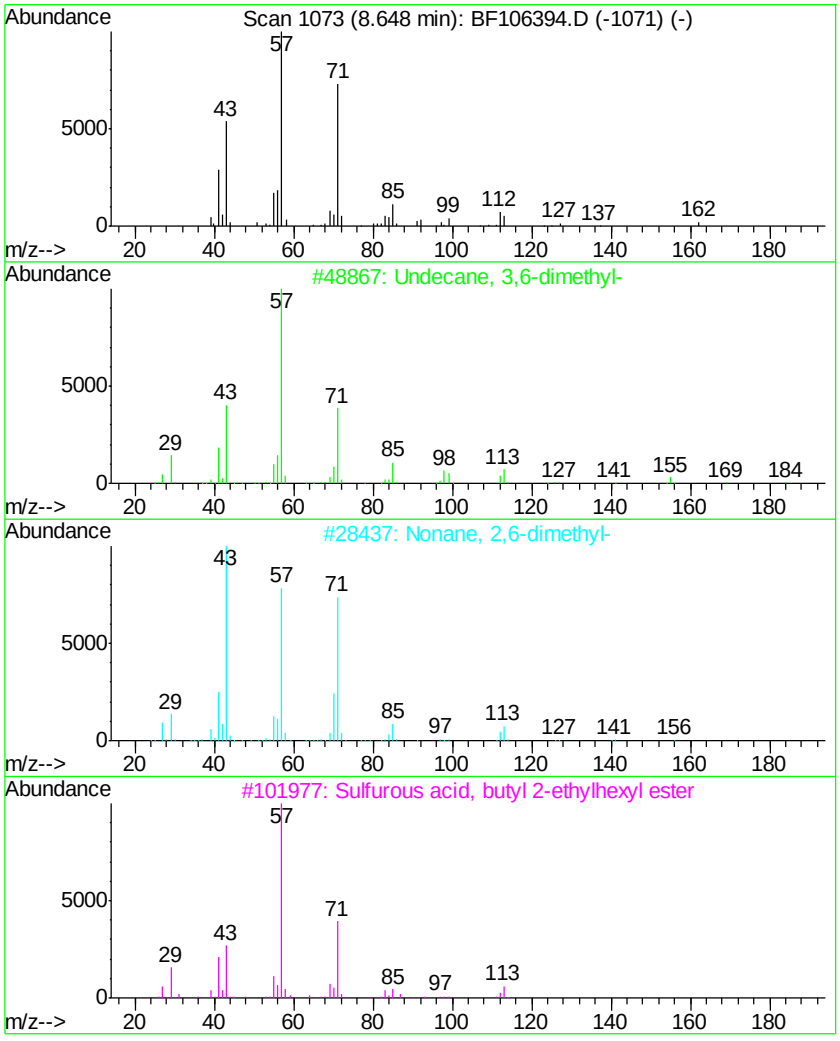
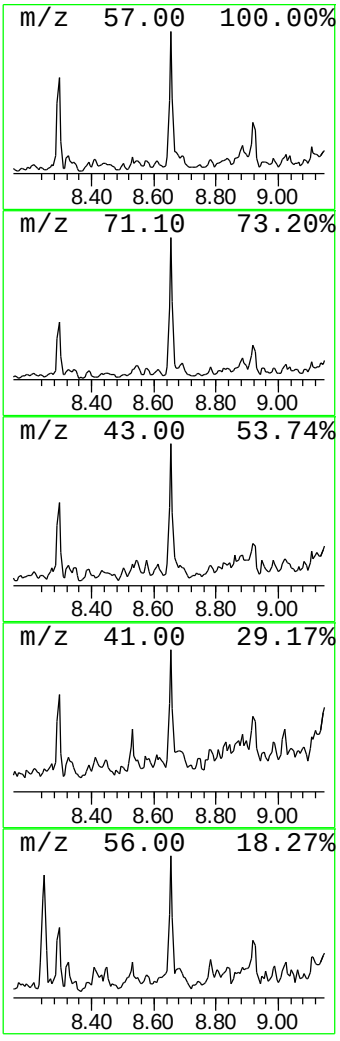
****

Peak Number 4 Undecane, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	2.28 ng	139806	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59





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Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

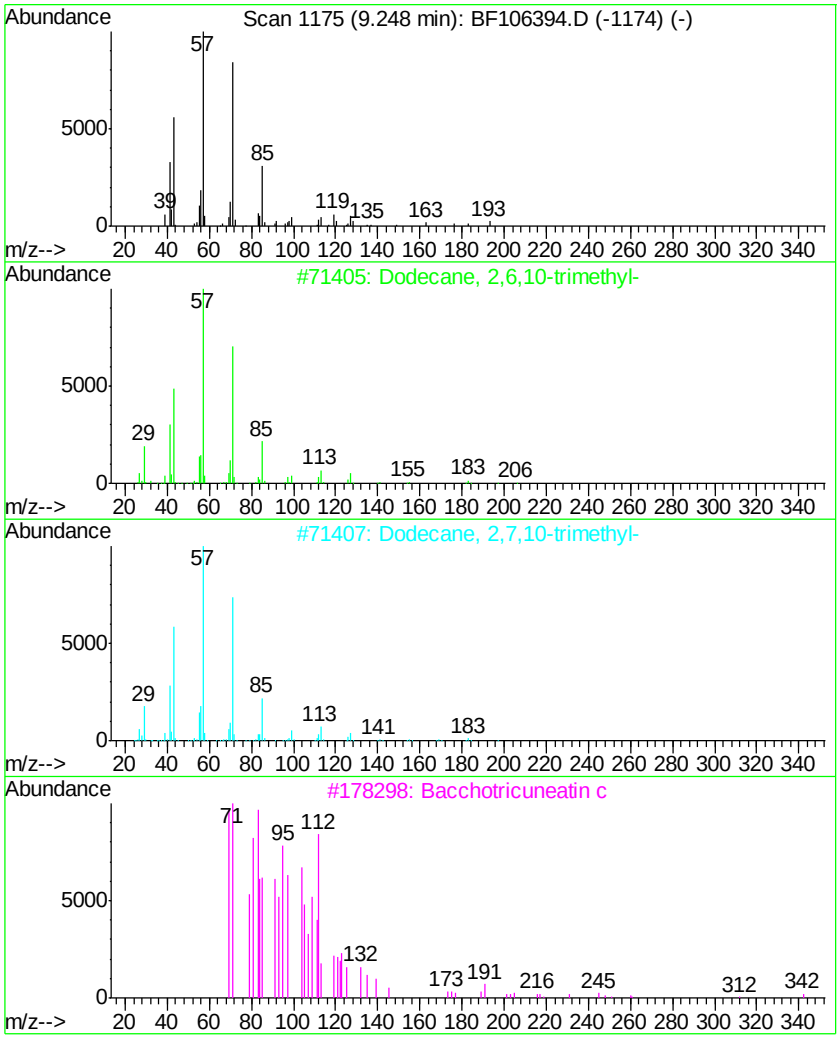
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

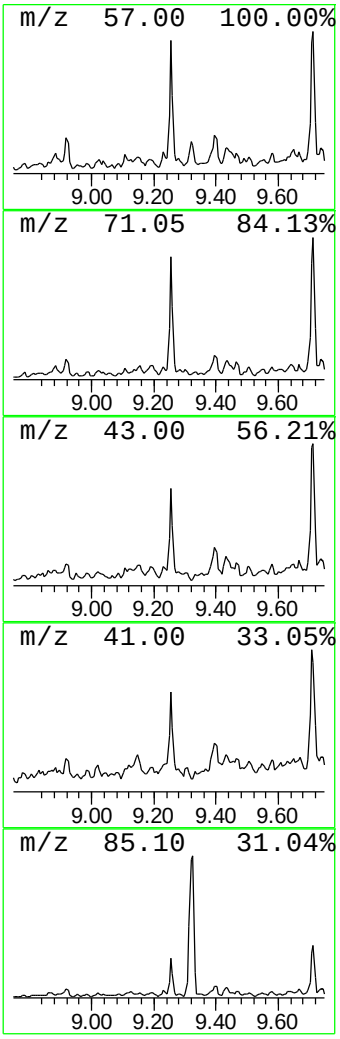
****

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	3.38 ng	238583	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	50





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Data File : BF106394.D
Acq On : 13 Jun 2018 16:38
Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

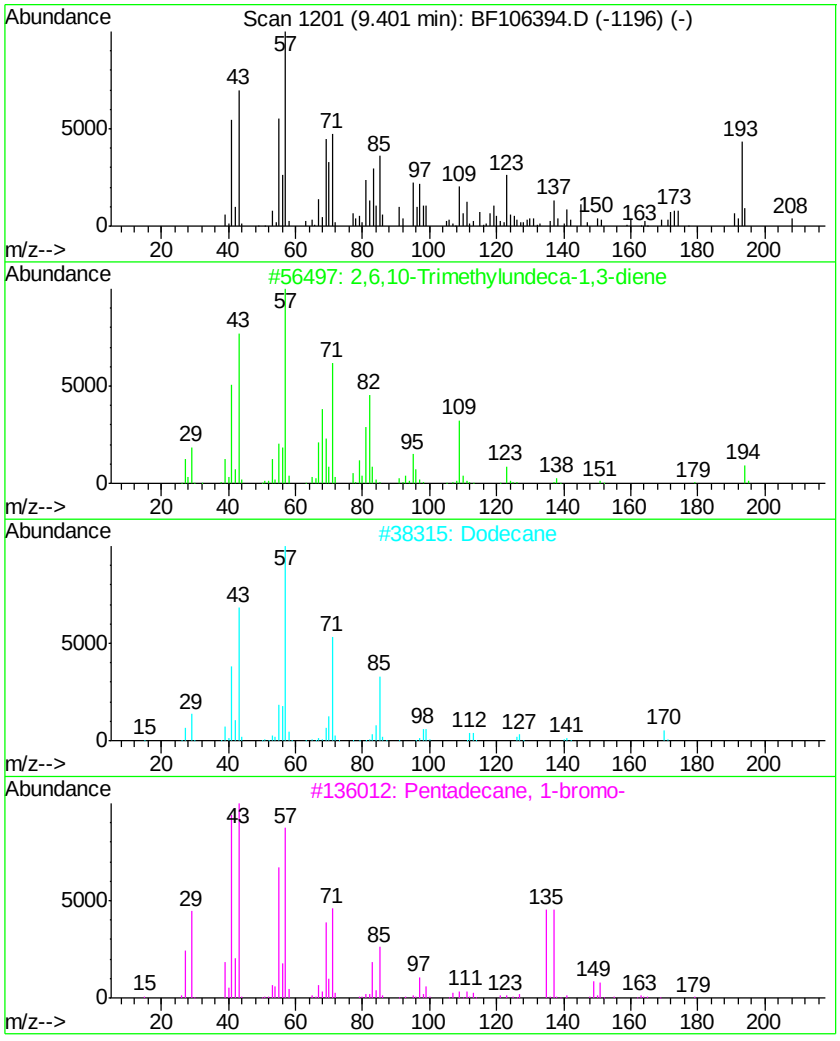
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

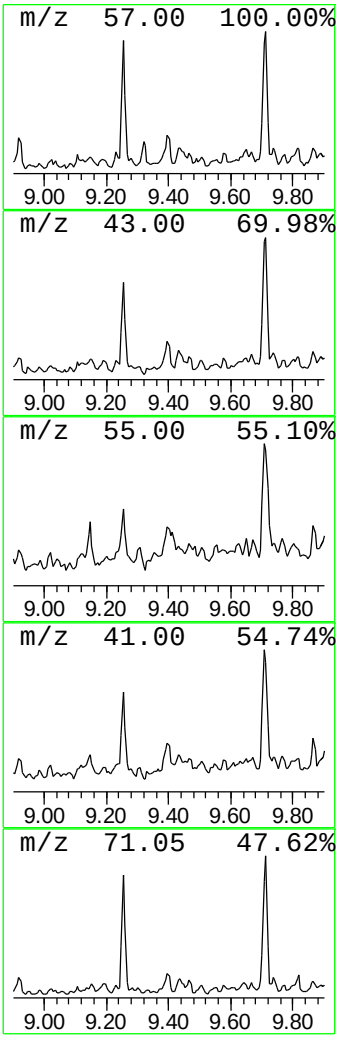
****

Peak Number 6 unknown9.40 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	2.30 ng	162384	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	30
2	Dodecane	170	C12H26	000112-40-3	30
3	Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	22
4	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	22
5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106394.D
Acq On : 13 Jun 2018 16:38
Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

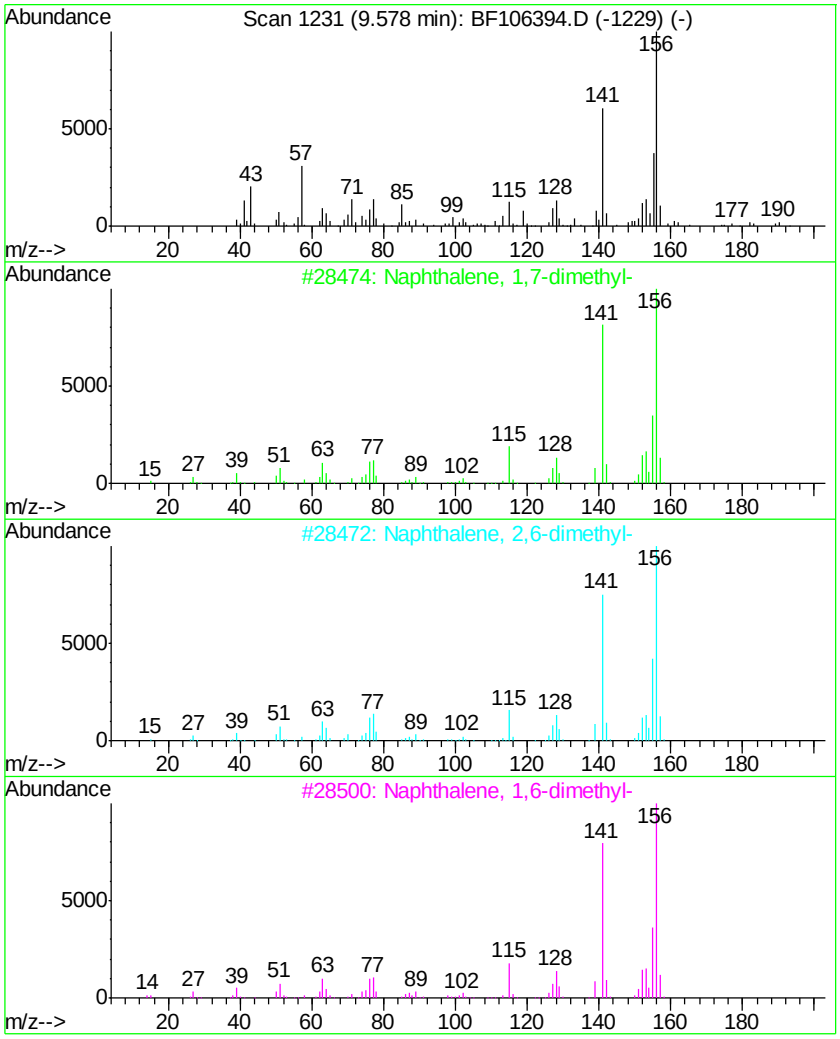
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

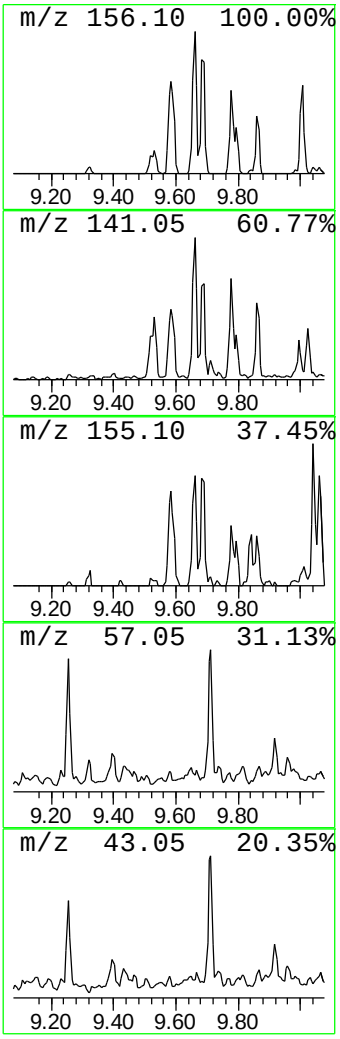
****

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	2.48 ng	174968	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106394.D
Acq On : 13 Jun 2018 16:38
Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

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

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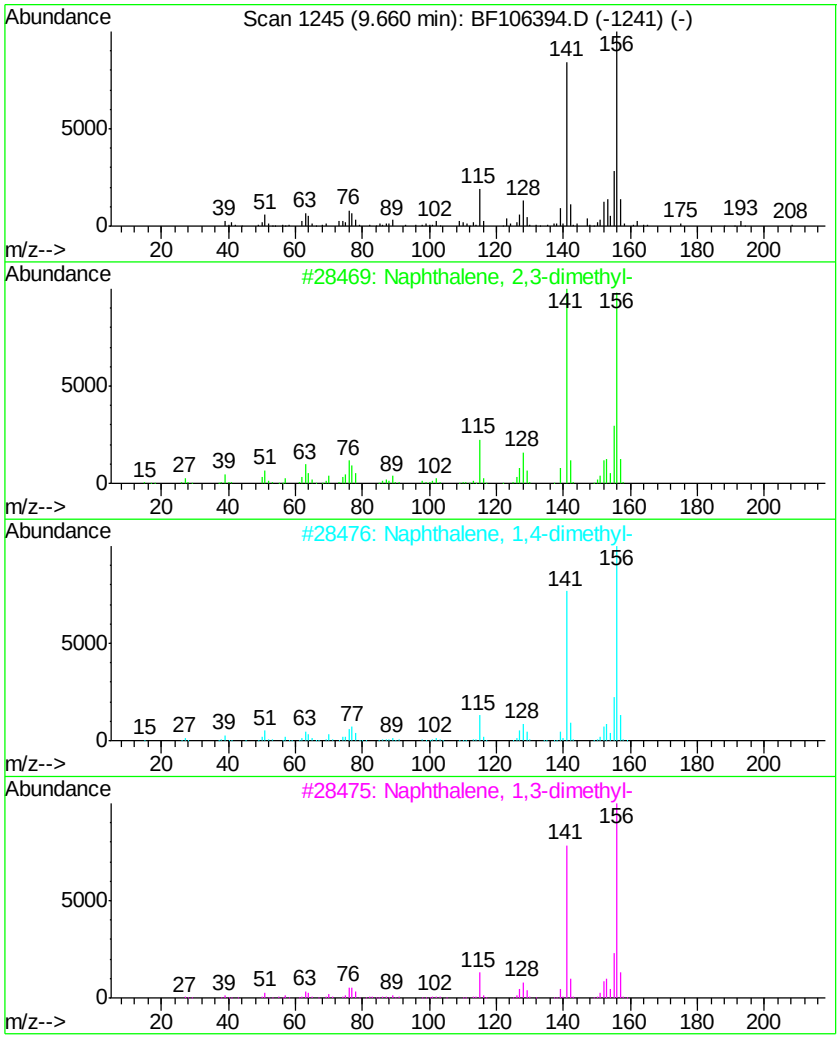
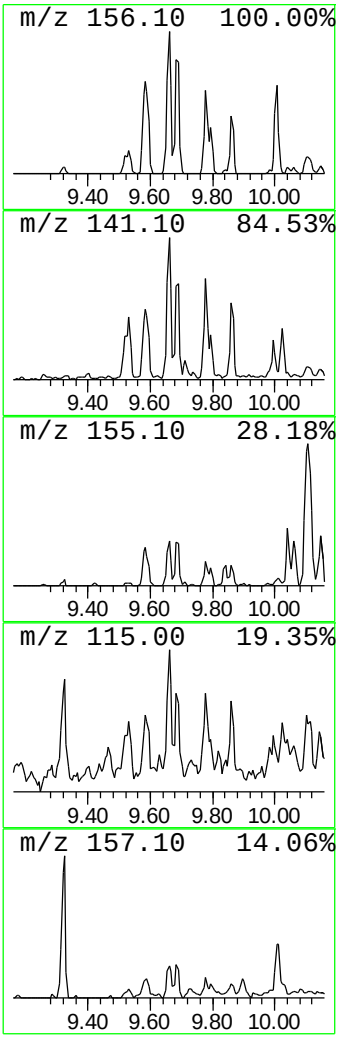
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	2.86 ng	201758	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Library Search Compound Report

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Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

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

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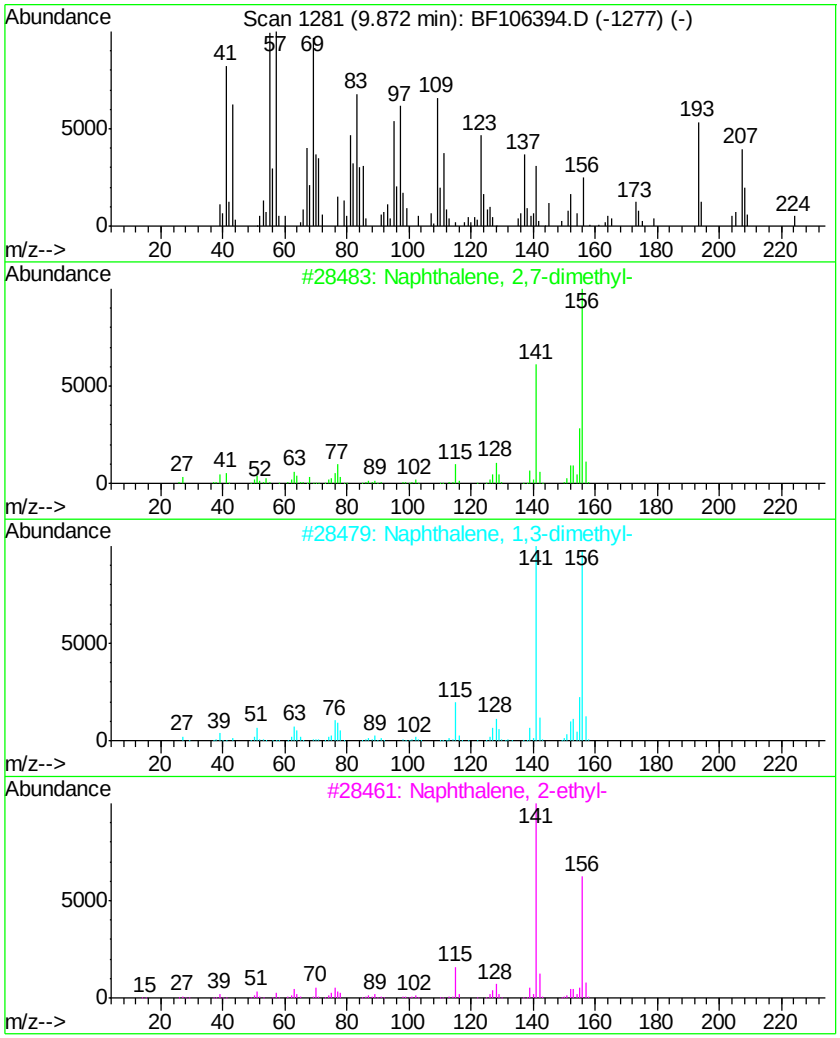
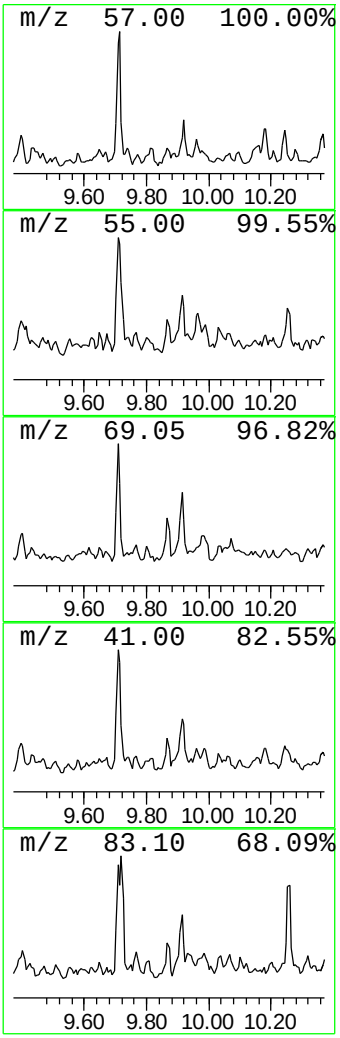
Peak Number 9 unknown9.87 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	2.23 ng	157498	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	46
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	46
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	46
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	46
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	41





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Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

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

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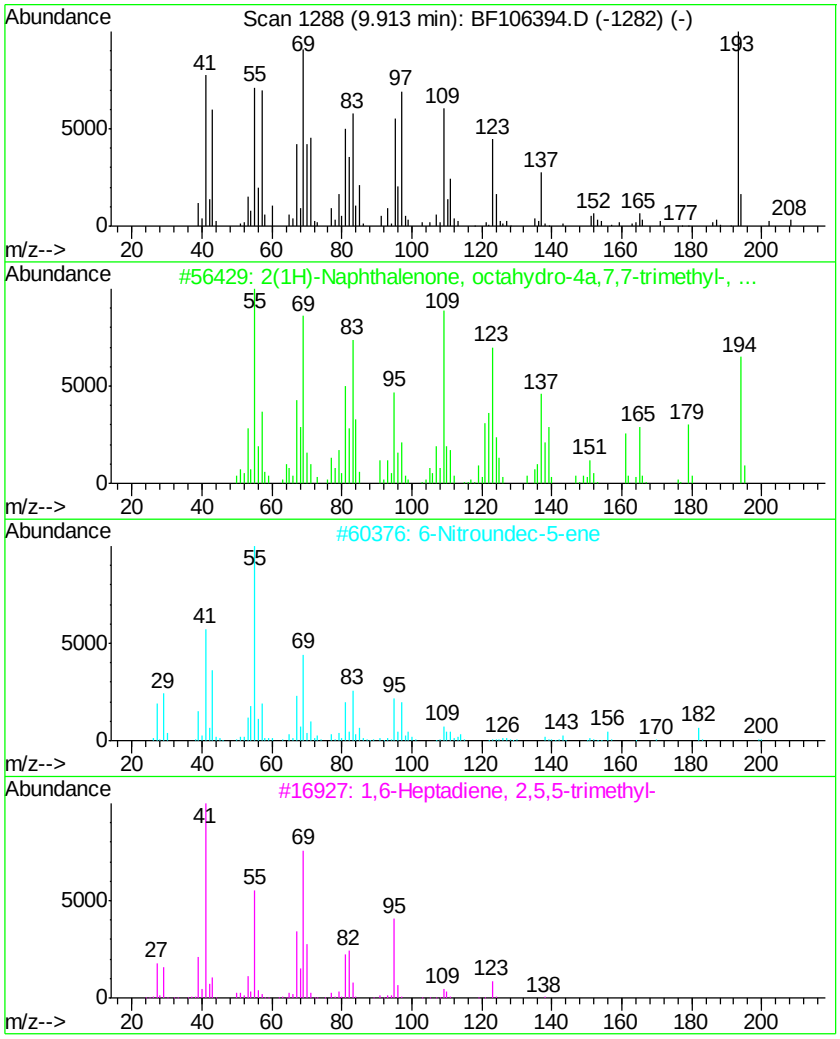
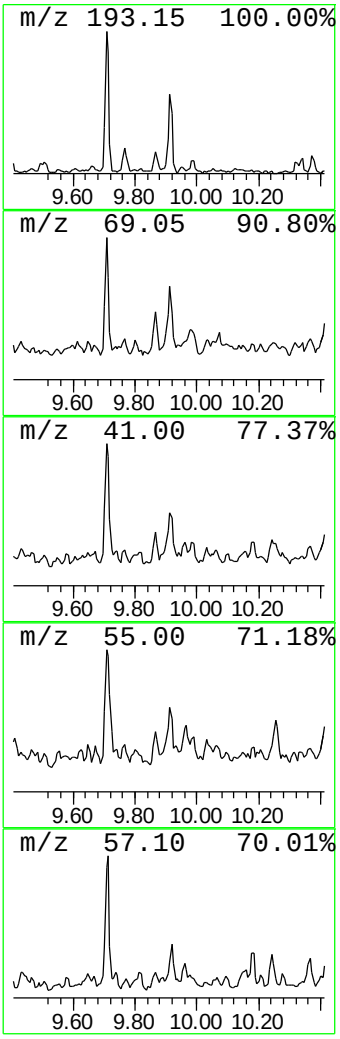
Peak Number 10 unknown9.91 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	3.22 ng	227698	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	46
2	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	38
3	1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	30
4	11-Dodecen-2-one, 7,7-dimethyl-	210	C14H26O	035194-22-0	27
5	Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	22





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Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

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

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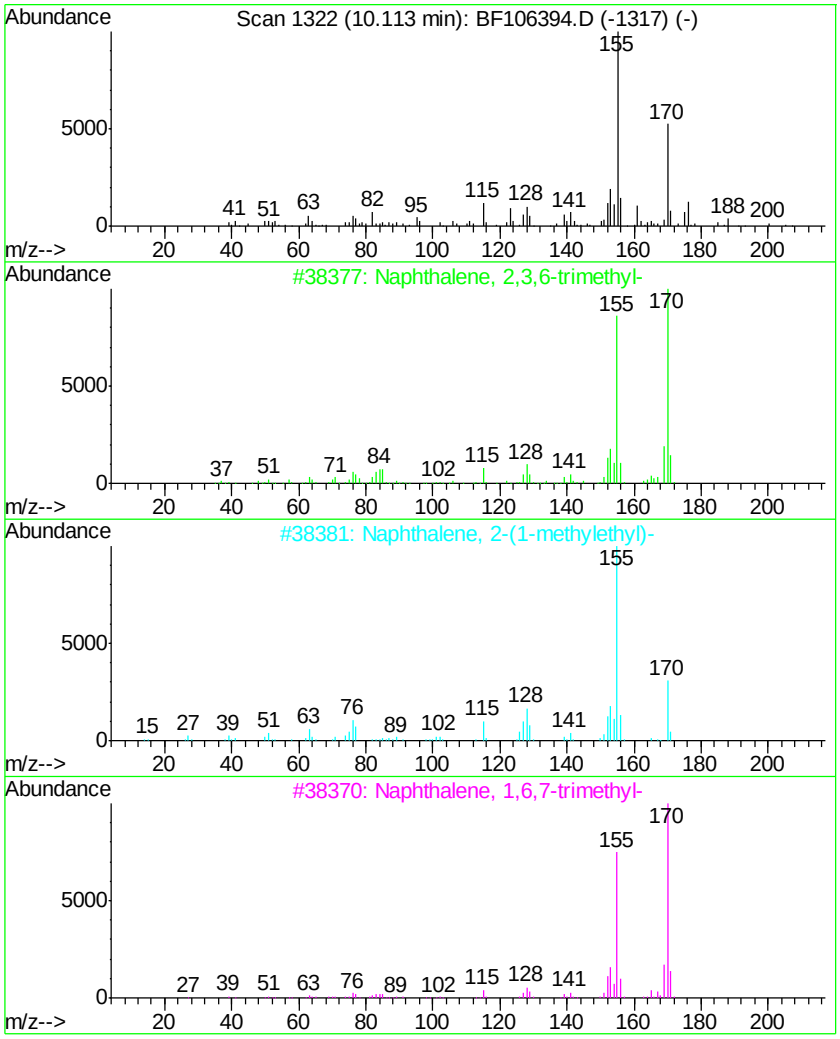
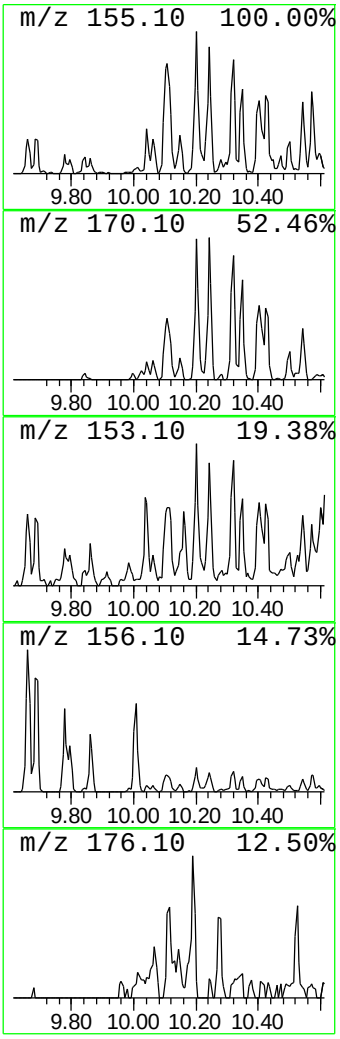
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	2.57 ng	181261	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	80
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78





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Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

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

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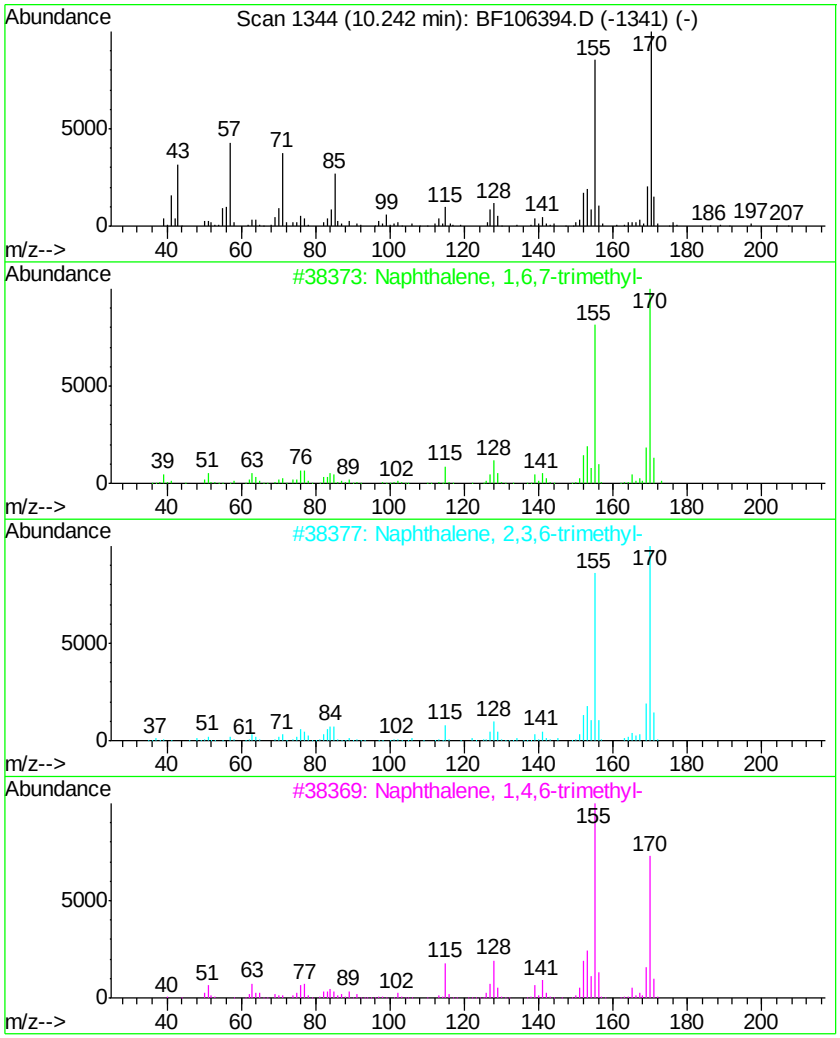
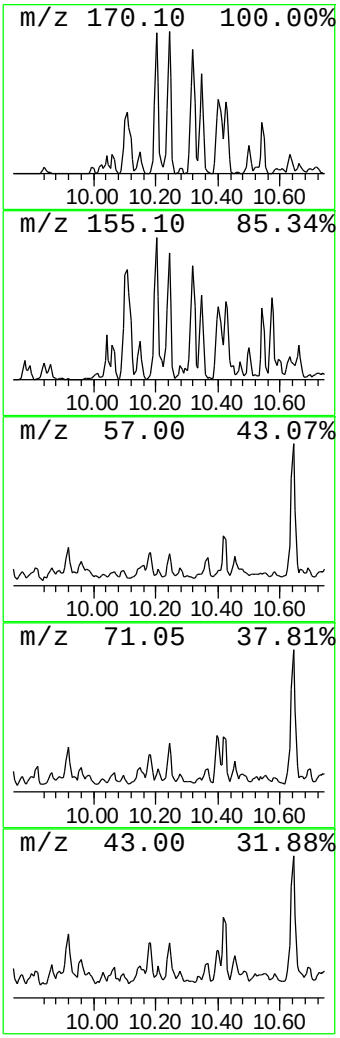
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	3.19 ng	224920	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76





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Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

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

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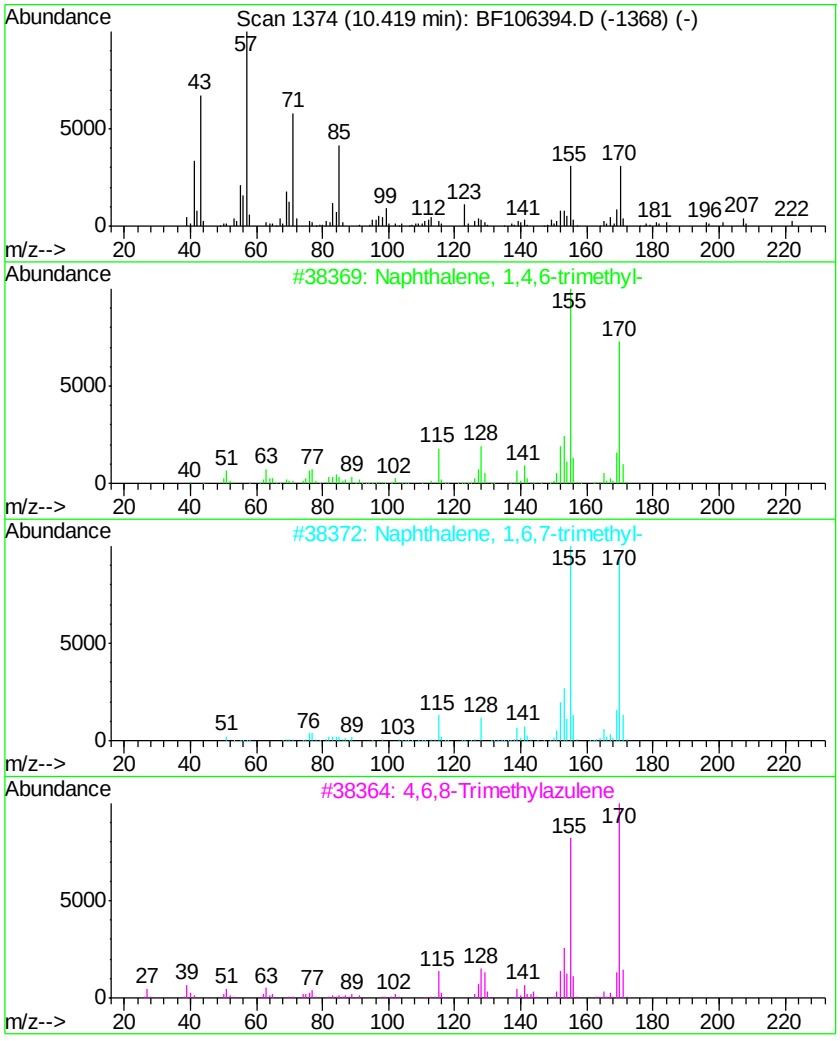
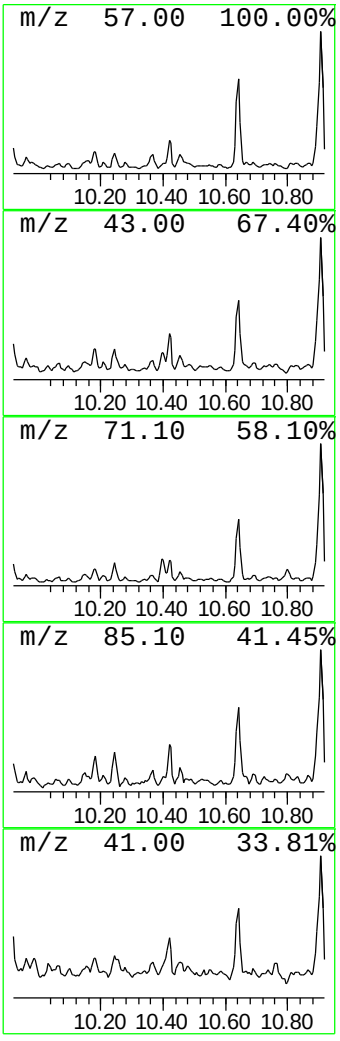
Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	5.55 ng	392167	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78





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Data File : BF106394.D
Acq On : 13 Jun 2018 16:38
Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

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

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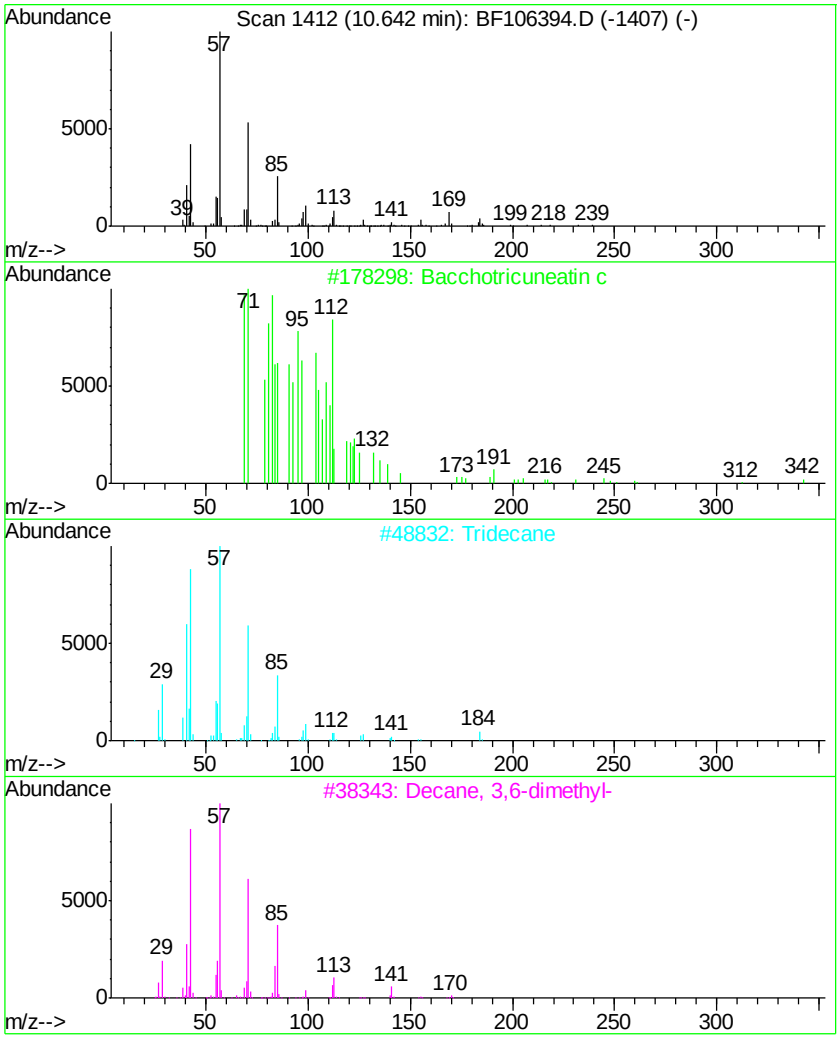
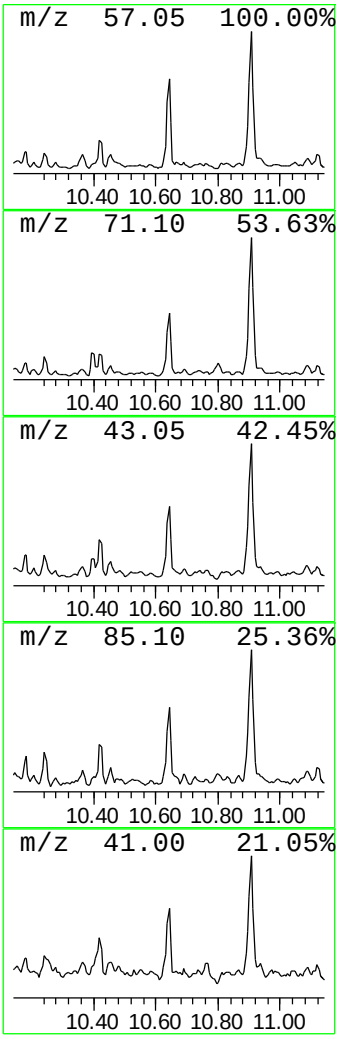
Peak Number 16 Bacchotricuneatin c Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	5.54 ng	391009	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2	Tridecane	184	C13H28	000629-50-5	86
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
5	Decane, 2-methyl-	156	C11H24	006975-98-0	72





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Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

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

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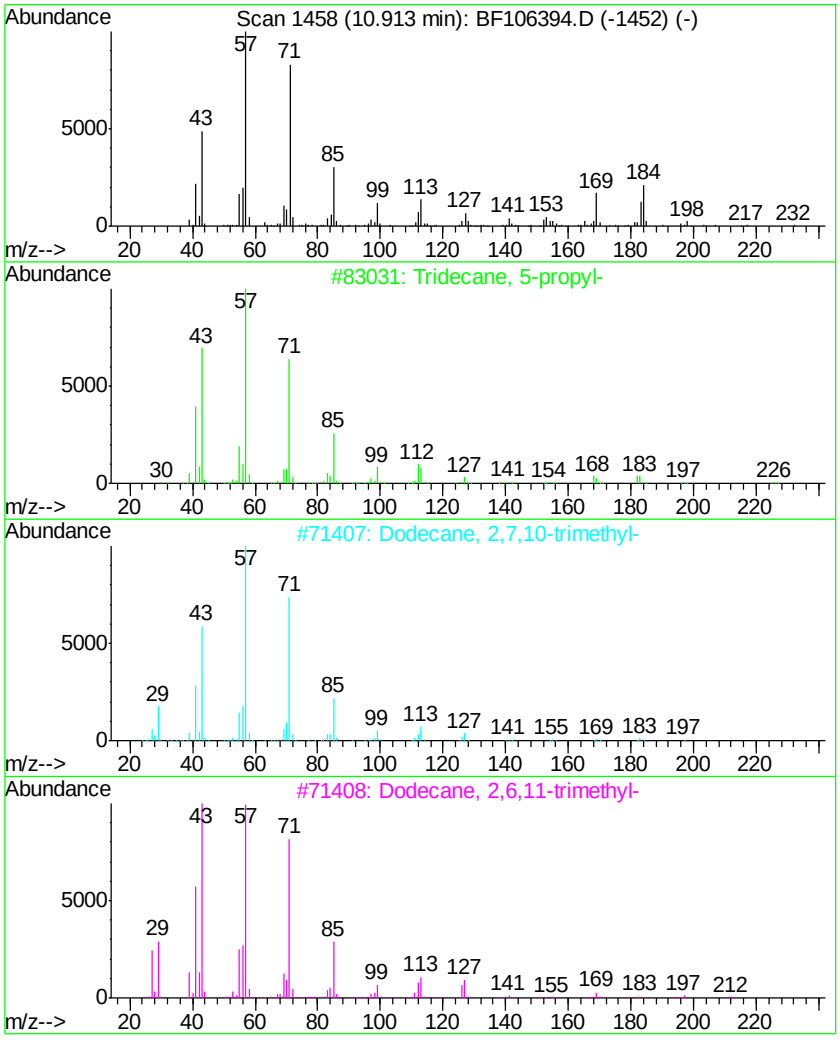
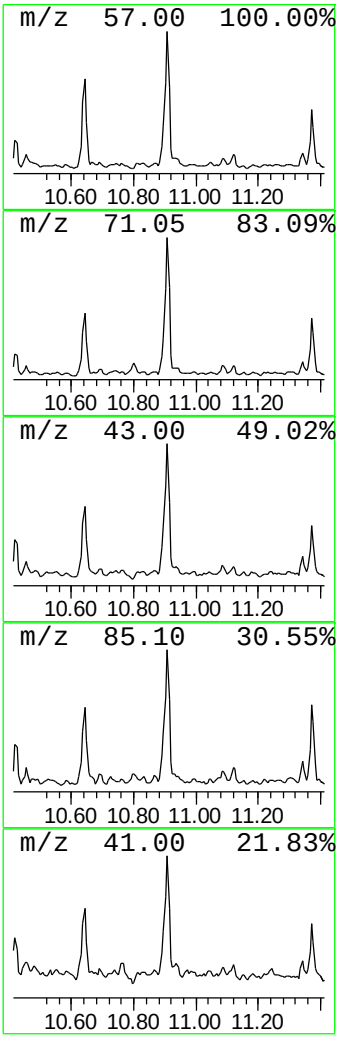
Peak Number 17 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	10.08 ng	744942	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	68





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Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

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

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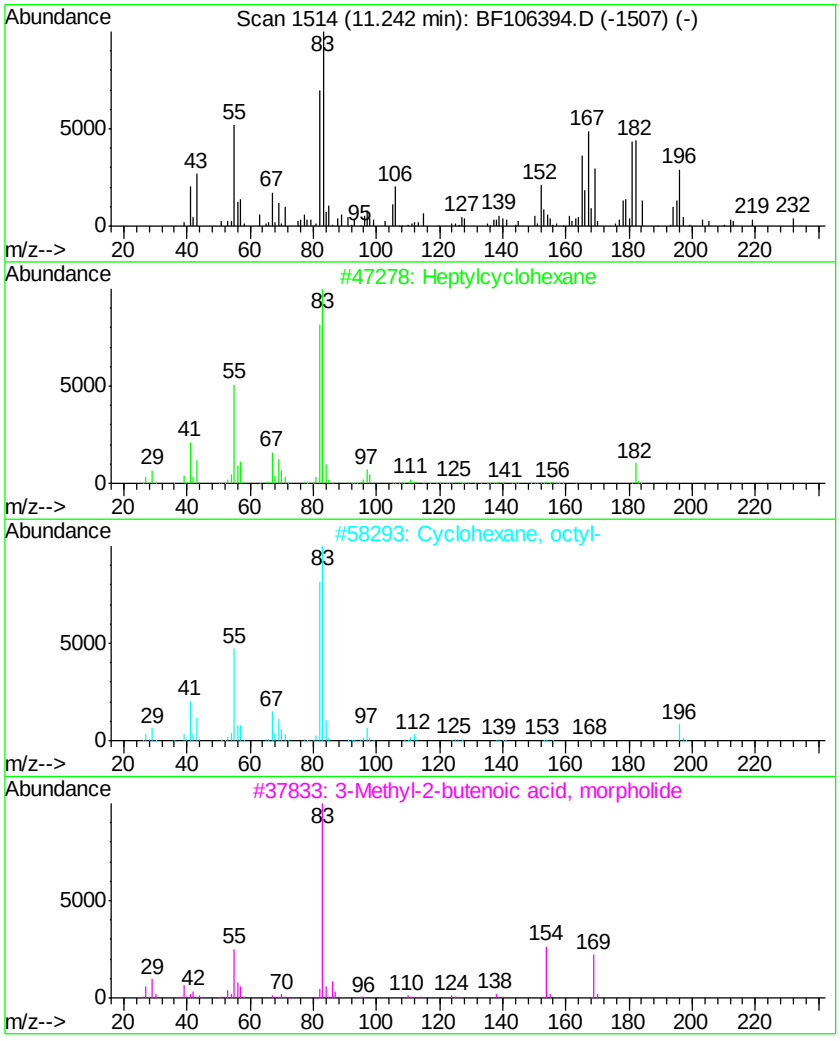
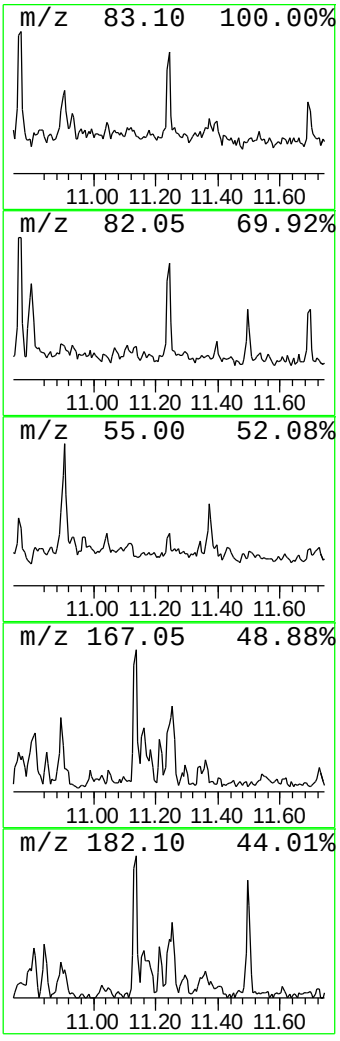
Peak Number 18 unknown11.24 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.91 ng	214758	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	38
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	20
3	3-Methyl-2-butenoic acid, morpho...	169	C9H15NO2	1000307-26-5	18
4	n-Nonylcyclohexane	210	C15H30	002883-02-5	15
5	Methanone, dicyclohexyl-	194	C13H22O	000119-60-8	14





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Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

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

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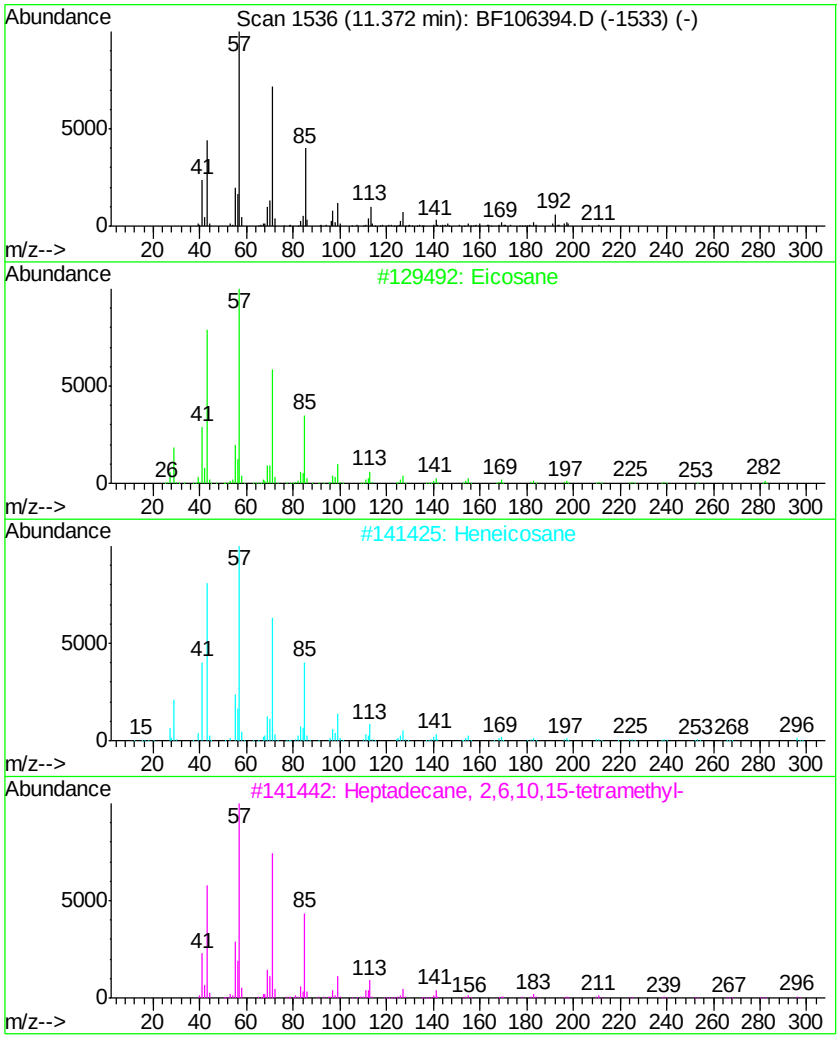
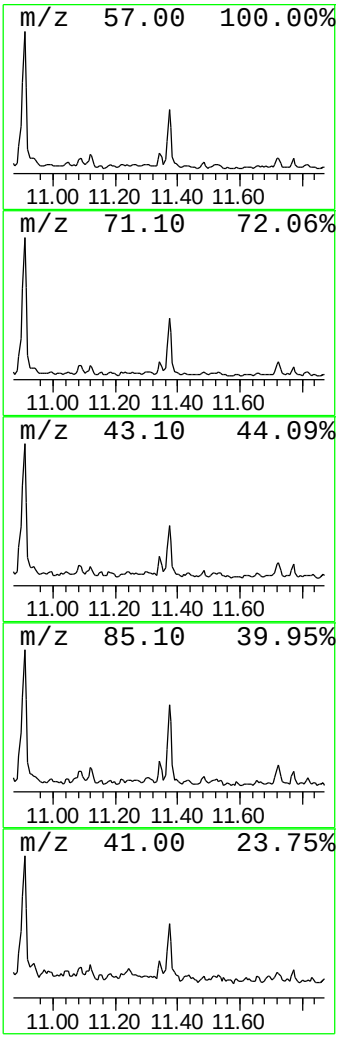
Peak Number 19 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	3.35 ng	247407	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5	Tetracosane	338	C24H50	000646-31-1	86





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Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

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

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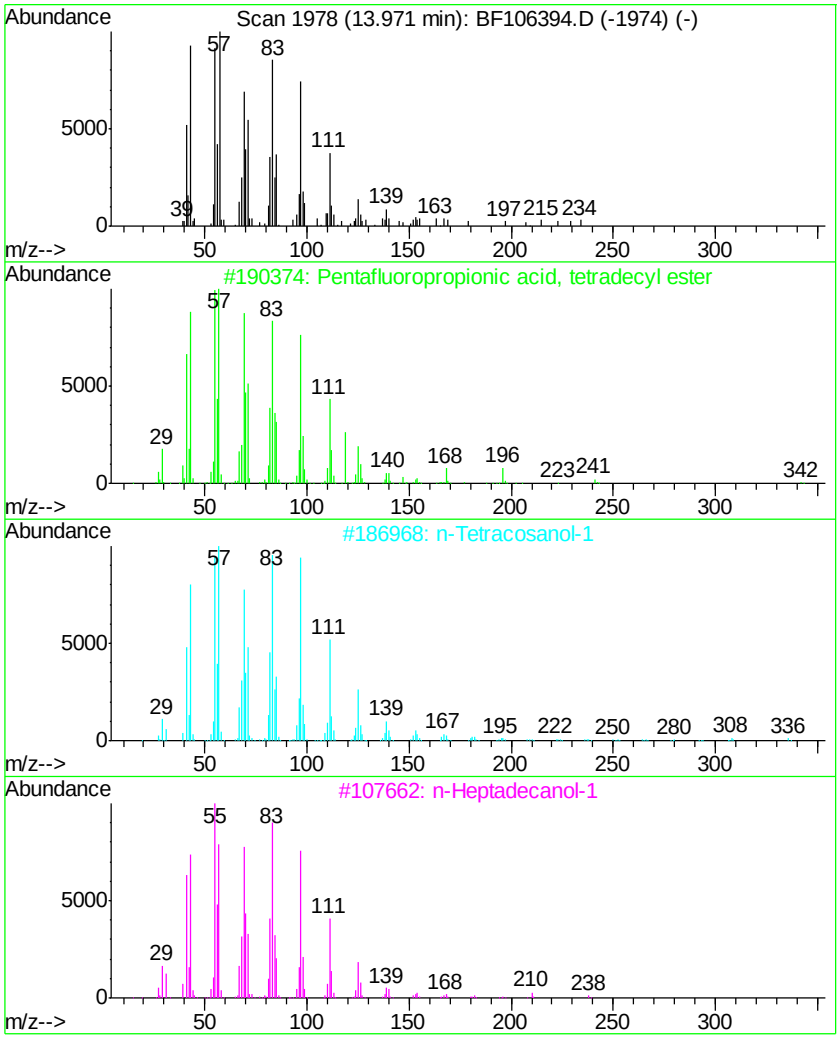
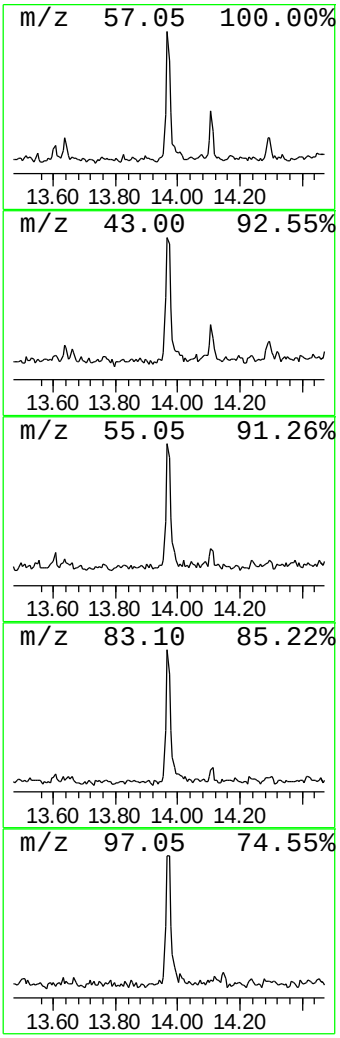
Peak Number 20 Pentafluoropropionic acid, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.25 ng	168691	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	87
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	87
5	1-Hexadecanol	242	C16H34O	036653-82-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061318\
Data File : BF106394.D
Acq On : 13 Jun 2018 16:38
Operator : JU/SJ
Sample : J3458-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(5-10)

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.20	6.5	ng	309621	1	6.97	950689	20.0
unknown6.75	6.75	62.5	ng	2973350	1	6.97	950689	20.0
Undecane, 3,6-dim...	8.65	2.3	ng	139806	2	8.25	1228440	20.0
Dodecane, 2,6,10-...	9.25	3.4	ng	238583	3	10.01	1412280	20.0
unknown9.40	9.40	2.3	ng	162384	3	10.01	1412280	20.0
Naphthalene, 1,7-...	9.58	2.5	ng	174968	3	10.01	1412280	20.0
Naphthalene, 2,3-...	9.66	2.9	ng	201758	3	10.01	1412280	20.0
unknown9.87	9.87	2.2	ng	157498	3	10.01	1412280	20.0
unknown9.91	9.91	3.2	ng	227698	3	10.01	1412280	20.0
Naphthalene, 2,3,...	10.11	2.6	ng	181261	3	10.01	1412280	20.0
Naphthalene, 1,6,...	10.24	3.2	ng	224920	3	10.01	1412280	20.0
Naphthalene, 1,4,...	10.42	5.5	ng	392167	3	10.01	1412280	20.0
Bacchotricuneatin c	10.64	5.5	ng	391009	3	10.01	1412280	20.0
Tridecane, 5-propyl-	10.91	10.1	ng	744942	4	11.50	1478520	20.0
unknown11.24	11.24	2.9	ng	214758	4	11.50	1478520	20.0
Eicosane	11.37	3.4	ng	247407	4	11.50	1478520	20.0
Pentafluoropropio...	13.97	3.3	ng	168691	5	14.14	1039040	20.0