LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106393.D
Acq On : 13 Jun 2018 16:11
Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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	5.196	482	486	492	rVB	257698	292211	8.73%	0.381%
2	5.607	553	556	563	rBV	2699337	2932688	87.63%	3.819%
3	6.607	723	726	738	rVB	2662269	3110394	92.94%	4.050%
4	6.748	746	750	753	rVB	3228774	2839357	84.84%	3.697%
5	6.966	783	787	790	rVB	1123690	919256	27.47%	1.197%
6	7.119	807	813	816	rBV	2348995	2280276	68.13%	2.969%
7	7.495	871	877	878	rBV3	121125	141314	4.22%	0.184%
8	7.525	878	882	886	rVV	1962263	2013228	60.16%	2.622%
9	7.607	890	896	899	rBV5	115146	214437	6.41%	0.279%
10	7.731	914	917	921	rBV2	177874	161162	4.82%	0.210%
11	7.837	931	935	937	rBV3	100390	145141	4.34%	0.189%
12	7.884	940	943	945	rBV3	158203	137891	4.12%	0.180%
13	7.984	957	960	963	rBV4	133864	167353	5.00%	0.218%
14	8.113	979	982	984	rBV2	156681	156181	4.67%	0.203%
15	8.248	998	1005	1007	rVV	1412222	1402187	41.90%	1.826%
16	8.295	1010	1013	1016	rVB	1114662	905824	27.07%	1.180%
17	8.325	1016	1018	1021	rBV2	299994	345834	10.33%	0.450%
18	8.448	1036	1039	1044	rVB4	150643	174388	5.21%	0.227%
19	8.501	1044	1048	1050	rBV4	115715	176076	5.26%	0.229%
20	8.531	1050	1053	1058	rVB4	507781	585975	17.51%	0.763%
21	8.589	1058	1063	1065	rBV5	136066	197942	5.91%	0.258%
22	8.625	1065	1069	1072	rBV5	201083	279977	8.37%	0.365%
23	8.654	1072	1074	1077	rBV	1176131	1027549	30.70%	1.338%
24	8.748	1088	1090	1092	rBV2	293787	248943	7.44%	0.324%
25	8.784	1092	1096	1098	rVV4	277823	366880	10.96%	0.478%
26	8.807	1098	1100	1102	rVV2	231848	224979	6.72%	0.293%
27	8.831	1102	1104	1107	rVV3	334671	457331	13.66%	0.596%
28	8.872	1107	1111	1113	rVV4	385950	666110	19.90%	0.867%
29	8.925	1117	1120	1124	rVV3	575137	803122	24.00%	1.046%
30	8.989	1128	1131	1133	rVV3	322867	277152	8.28%	0.361%
31	9.019	1133	1136	1138	rVV4	312740	355776	10.63%	0.463%
32	9.060	1141	1143	1146	rVV	473115	488279	14.59%	0.636%
33	9.089	1146	1148	1150	rVV2	326852	261369	7.81%	0.340%
34	9.113	1150	1152	1153	rVV2	224848	232551	6.95%	0.303%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106393.D
Acq On : 13 Jun 2018 16:11
Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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	9.148	1155	1158	1161	rVV3	618772	747571	22.34%	0.973%
36	9.189	1162	1165	1169	rVV5	248866	407177	12.17%	0.530%
37	9.236	1171	1173	1174	rVV2	364272	341087	10.19%	0.444%
38	9.260	1174	1177	1179	rVV	1688698	1519150	45.39%	1.978%
39	9.325	1183	1188	1192	rVB	2997830	3104419	92.76%	4.043%
40	9.401	1197	1201	1205	rBV3	807813	875503	26.16%	1.140%
41	9.436	1205	1207	1209	rBV2	290540	264059	7.89%	0.344%
42	9.472	1211	1213	1215	rVB	416149	322858	9.65%	0.420%
43	9.513	1218	1220	1223	rBV3	199007	223281	6.67%	0.291%
44	9.583	1229	1232	1238	rBV	855134	1271018	37.98%	1.655%
45	9.630	1238	1240	1242	rVV3	277778	288521	8.62%	0.376%
46	9.666	1242	1246	1248	rVV	1112521	1389883	41.53%	1.810%
47	9.689	1248	1250	1252	rVV	856032	837481	25.02%	1.091%
48	9.713	1252	1254	1257	rVV2	3063784	2838607	84.82%	3.696%
49	9.742	1257	1259	1261	rVB3	368380	297626	8.89%	0.388%
50	9.778	1261	1265	1267	rBV3	515098	674009	20.14%	0.878%
51	9.801	1267	1269	1271	rVV2	275434	200867	6.00%	0.262%
52	9.819	1271	1272	1274	rVB	438803	245174	7.33%	0.319%
53	9.866	1277	1280	1283	rVB2	847367	827691	24.73%	1.078%
54	9.919	1283	1289	1291	rBV2	1064325	1164292	34.79%	1.516%
55	9.960	1294	1296	1298	rBV2	333668	364681	10.90%	0.475%
56	9.989	1298	1301	1302	rVV	468907	419546	12.54%	0.546%
57	10.007	1302	1304	1307	rVB2	1095709	918644	27.45%	1.196%
58	10.036	1307	1309	1312	rBV3	238768	271621	8.12%	0.354%
59	10.107	1318	1321	1326	rBV	736955	1157173	34.58%	1.507%
60	10.148	1326	1328	1332	rVV3	429740	524841	15.68%	0.683%
61	10.183	1332	1334	1335	rVV2	396059	316719	9.46%	0.412%
62	10.207	1335	1338	1341	rVB	1000385	950615	28.40%	1.238%
63	10.248	1342	1345	1354	rVB2	1345334	1792687	53.57%	2.334%
64	10.325	1354	1358	1360	rBV	1015301	1016907	30.39%	1.324%
65	10.348	1360	1362	1364	rBV	563412	515582	15.41%	0.671%
66	10.413	1369	1373	1378	rBV5	904112	1483939	44.34%	1.932%
67	10.454	1378	1380	1383	rBV3	279652	309077	9.24%	0.402%
68	10.548	1394	1396	1399	rBV2	356290	318487	9.52%	0.415%
69	10.642	1407	1412	1415	rBV2	1648834	1952147	58.33%	2.542%
70	10.695	1419	1421	1427	rVB4	327464	555387	16.59%	0.723%
71	10.766	1431	1433	1436	rVV3	339021	331247	9.90%	0.431%

LSC Area Percent Report

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Acq On : 13 Jun 2018 16:11
Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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

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

72	10.801	1436	1439	1442	rVV	1894018	2015531	60.22%	2.625%
73	10.830	1442	1444	1448	rVB2	355639	297268	8.88%	0.387%
74	10.913	1454	1458	1465	rVB2	2870239	3346734	100.00%	4.358%
75	10.995	1469	1472	1474	rVB	456498	387631	11.58%	0.505%
76	11.089	1486	1488	1491	rBV3	244759	307971	9.20%	0.401%
77	11.242	1508	1514	1520	rBV7	550893	1121361	33.51%	1.460%
78	11.377	1533	1537	1539	rBV	1252626	1204788	36.00%	1.569%
79	11.501	1554	1558	1560	rBV	1430433	1352560	40.41%	1.761%
80	11.525	1560	1562	1565	rVB	245369	226106	6.76%	0.294%
81	11.724	1594	1596	1599	rBV2	490063	428511	12.80%	0.558%
82	12.001	1640	1643	1645	rBV	277106	290154	8.67%	0.378%
83	12.024	1645	1647	1651	rVB	302832	305465	9.13%	0.398%
84	12.295	1691	1693	1701	rVB5	133534	202328	6.05%	0.263%
85	12.554	1734	1737	1740	rBV	224825	215477	6.44%	0.281%
86	12.719	1761	1765	1768	rBV	743814	633672	18.93%	0.825%
87	12.924	1797	1800	1801	rBV	163881	150587	4.50%	0.196%
88	12.942	1801	1803	1809	rVB	637164	626046	18.71%	0.815%
89	12.995	1809	1812	1816	rVB	144237	152219	4.55%	0.198%
90	13.083	1819	1827	1830	rBV	3147143	3082447	92.10%	4.014%
91	13.271	1856	1859	1862	rVB	157447	154835	4.63%	0.202%
92	13.966	1974	1977	1985	rVB4	237554	317168	9.48%	0.413%
93	14.148	2003	2008	2010	rBV2	1169414	1347737	40.27%	1.755%
94	14.171	2010	2012	2018	rVB	331309	301049	9.00%	0.392%
95	15.224	2187	2191	2195	rBV	229624	371289	11.09%	0.483%
96	15.548	2243	2246	2253	rVB	145859	193459	5.78%	0.252%
97	15.618	2253	2258	2264	rVB	208060	279464	8.35%	0.364%
98	15.683	2264	2269	2273	rBV2	768382	1054627	31.51%	1.373%
99	17.242	2528	2534	2542	rVB3	98039	218049	6.52%	0.284%
100	17.712	2608	2614	2626	rVB2	77718	178862	5.34%	0.233%

Sum of corrected areas: 76792102

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106393.D
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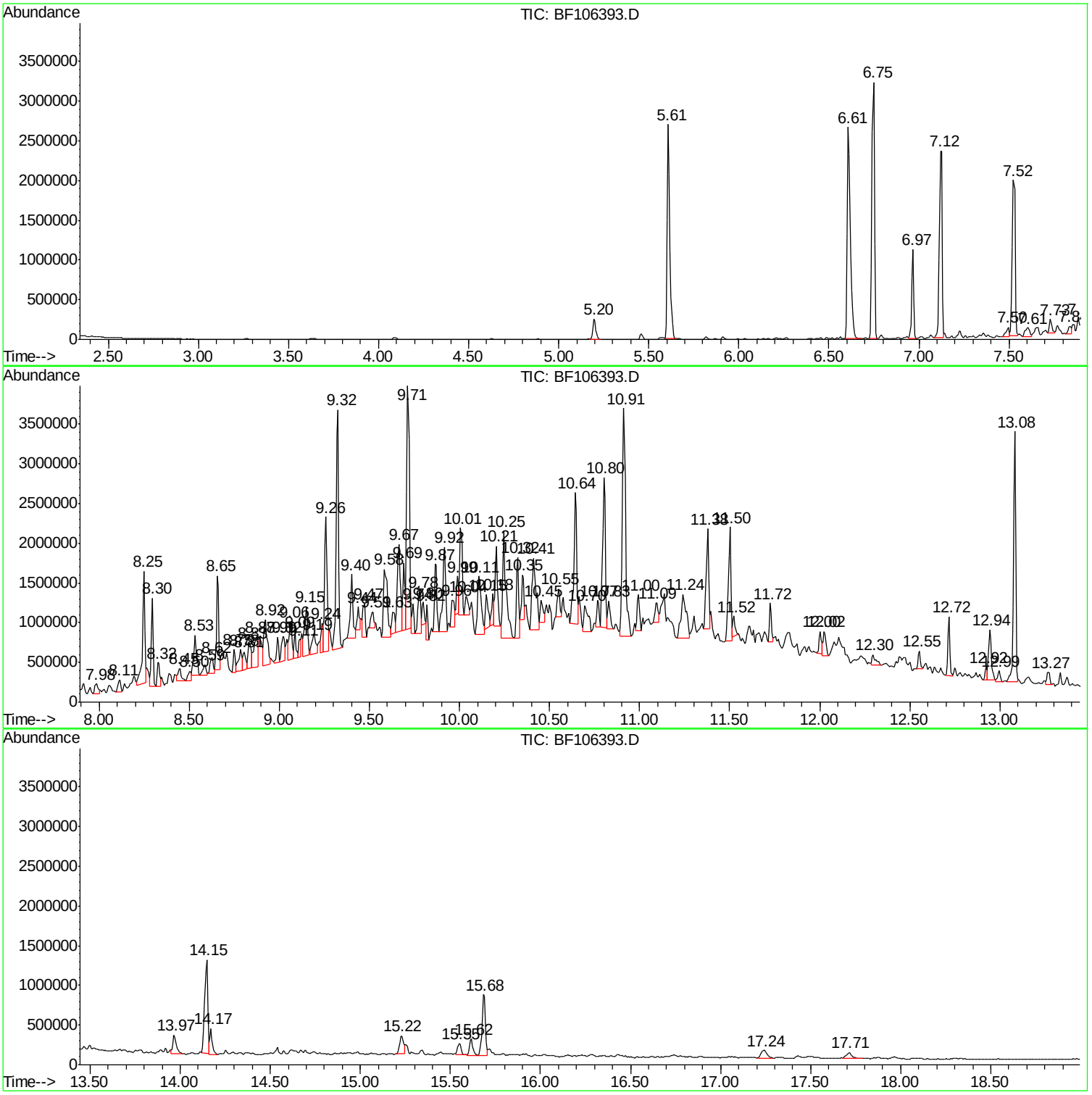
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-105-5(0-5)

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 : BF106393.D
Acq On : 13 Jun 2018 16:11
Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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

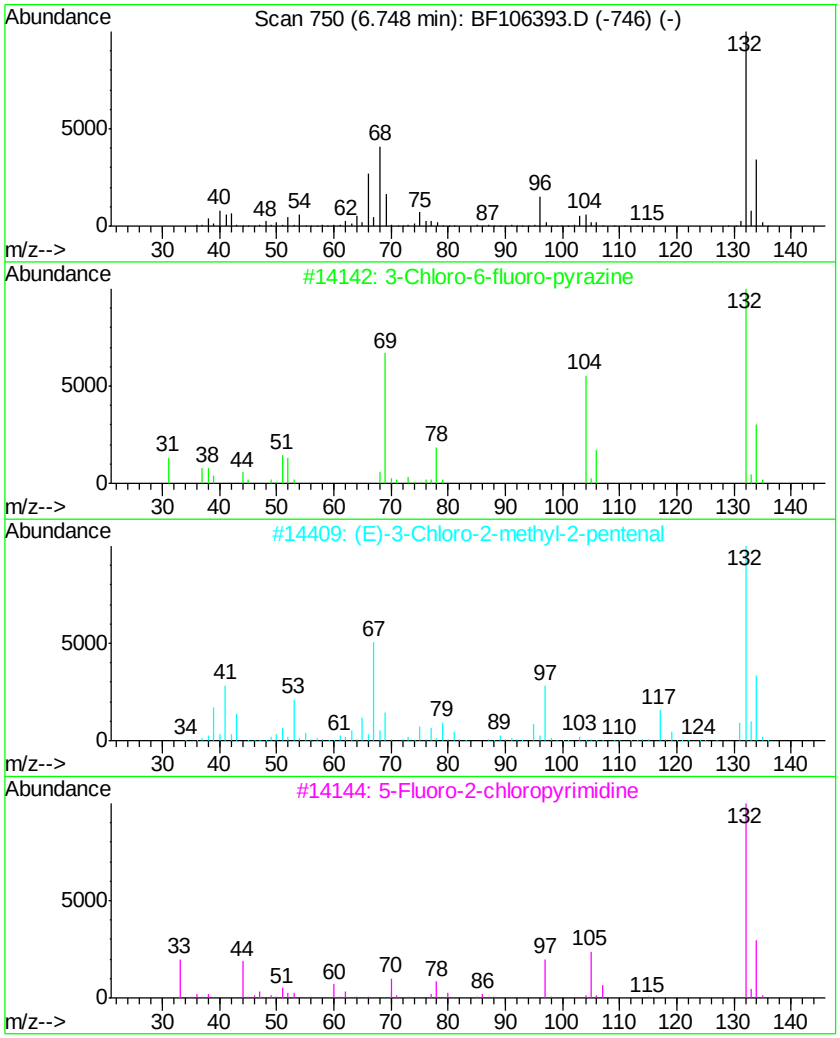
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

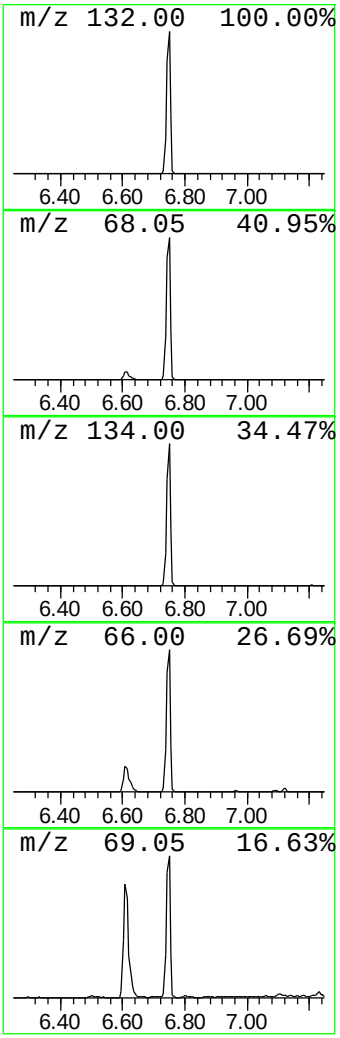
****

Peak Number 1 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	61.78 ng	2839360	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106393.D
Acq On : 13 Jun 2018 16:11
Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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

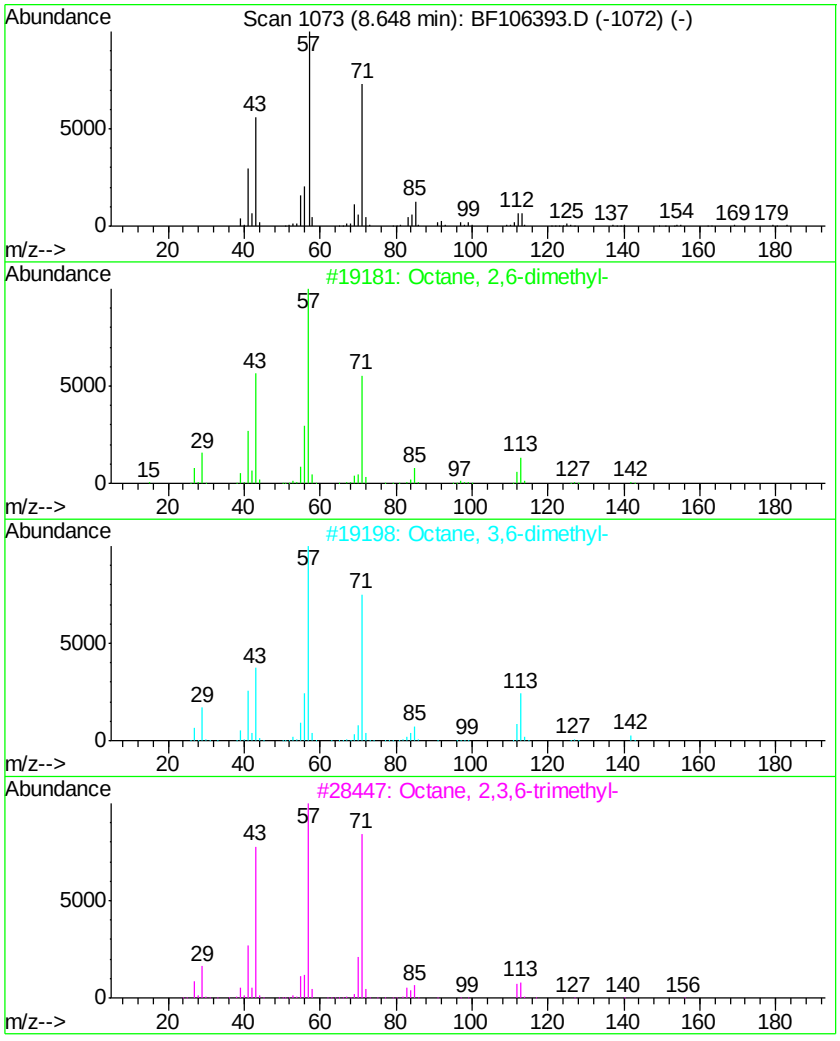
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

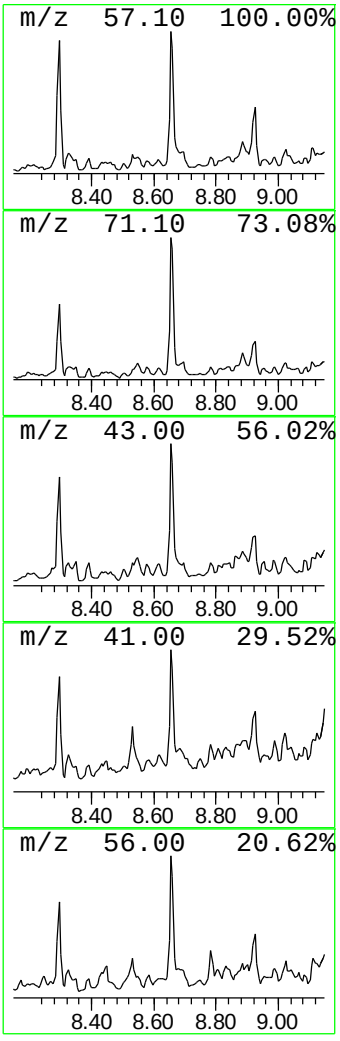
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	14.66 ng	1027550	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
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Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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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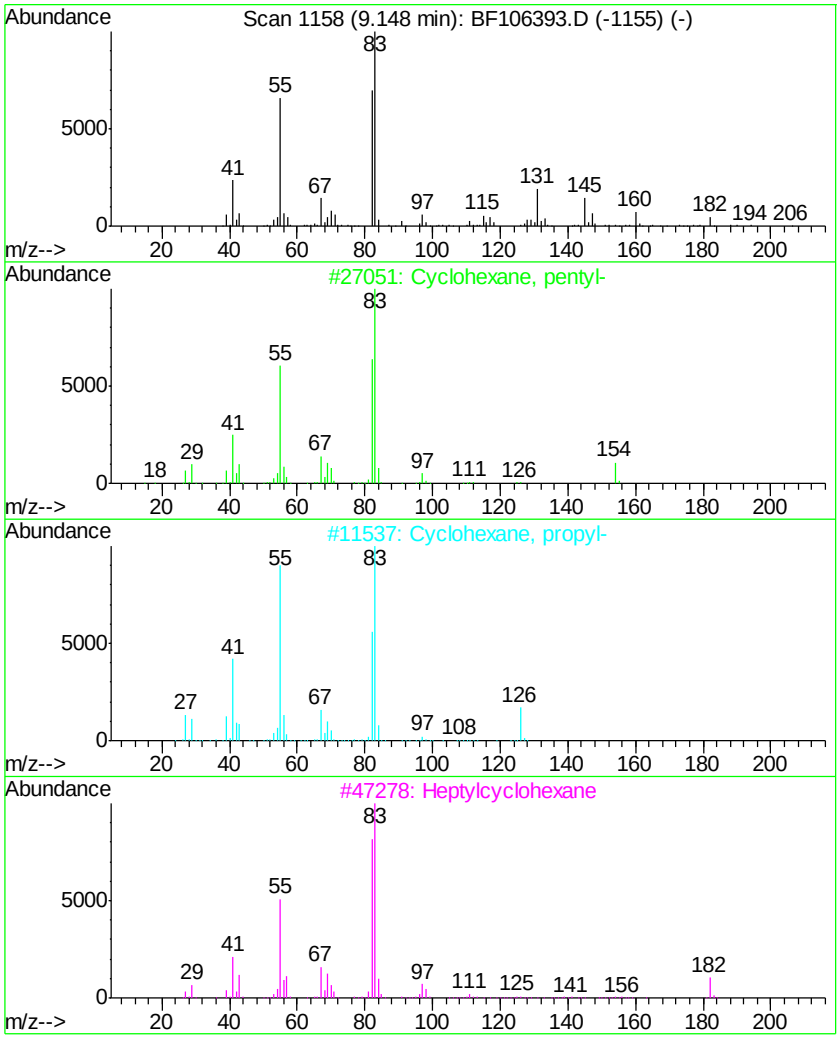
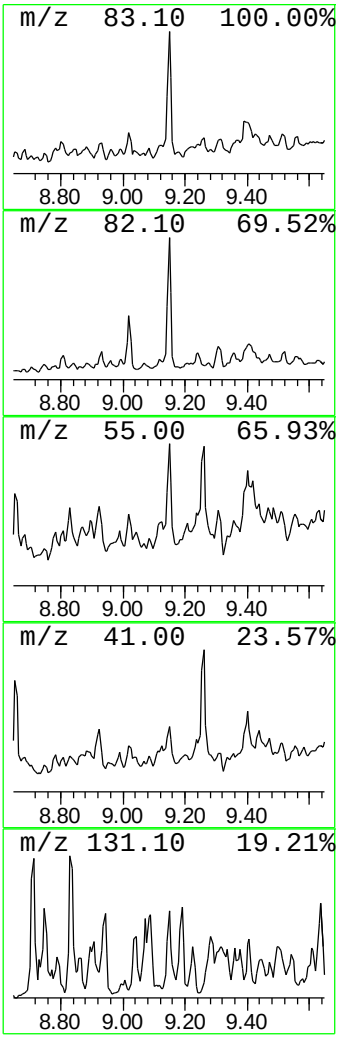
Peak Number 4 Cyclohexane, pentyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	16.28 ng	747571	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
3	Heptylcyclohexane	182	C13H26	005617-41-4	42
4	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	42
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106393.D
Acq On : 13 Jun 2018 16:11
Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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

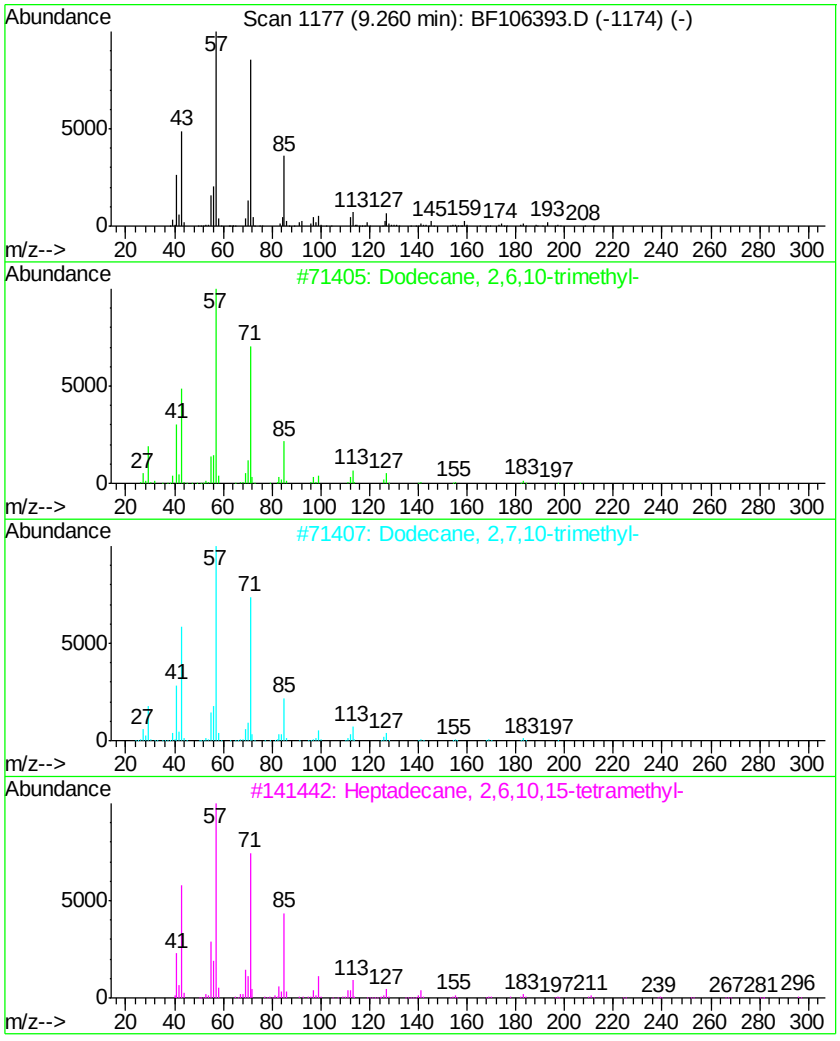
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

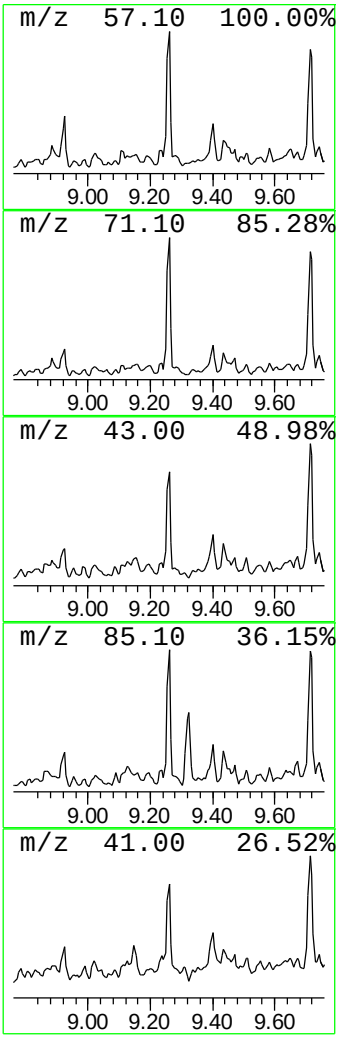
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	33.07 ng	1519150	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	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Decane, 5-propyl-	184	C13H28	017312-62-8	80
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106393.D
Acq On : 13 Jun 2018 16:11
Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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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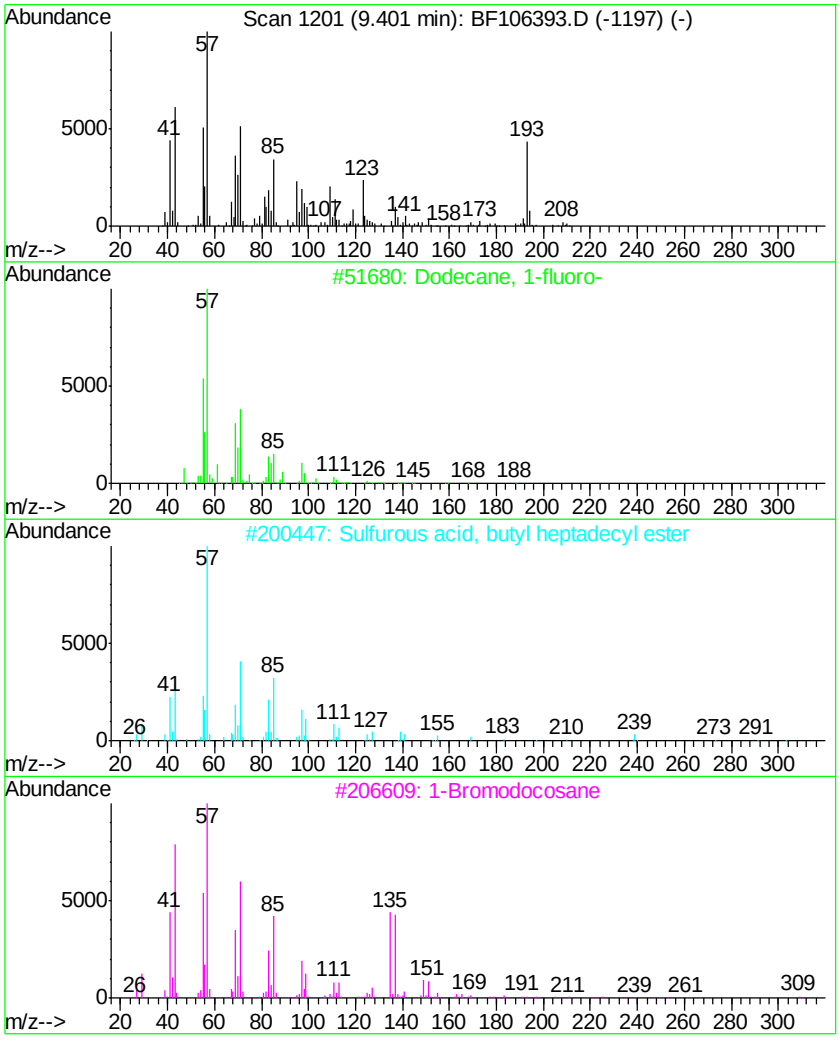
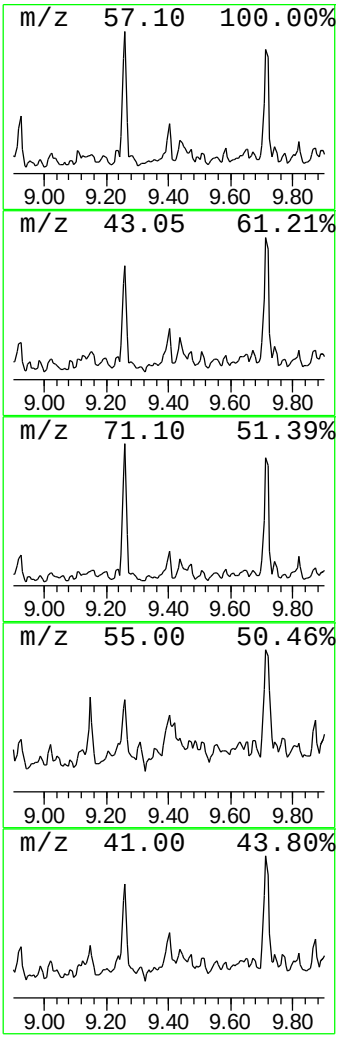
Peak Number 6 unknowN9.40 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	19.06 ng	875503	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	42
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	35
3	1-Bromodocosane	388	C22H45Br	006938-66-5	30
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	27
5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	27





Library Search Compound Report

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Data File : BF106393.D
Acq On : 13 Jun 2018 16:11
Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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

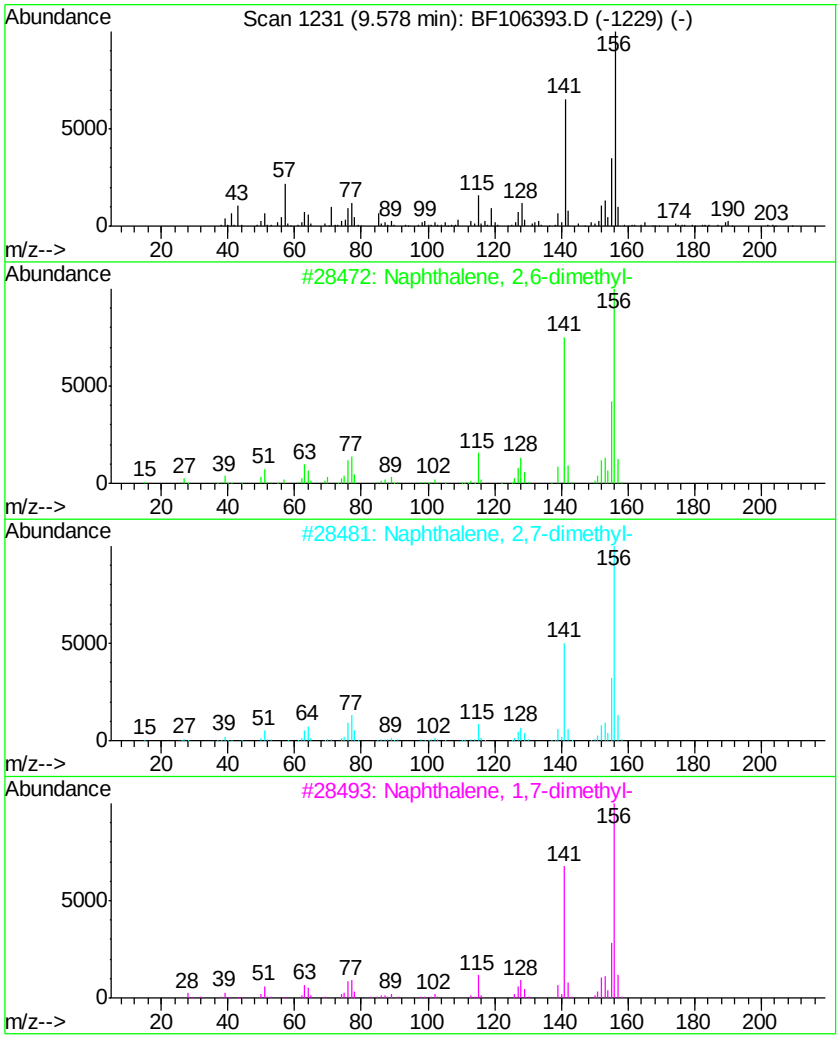
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

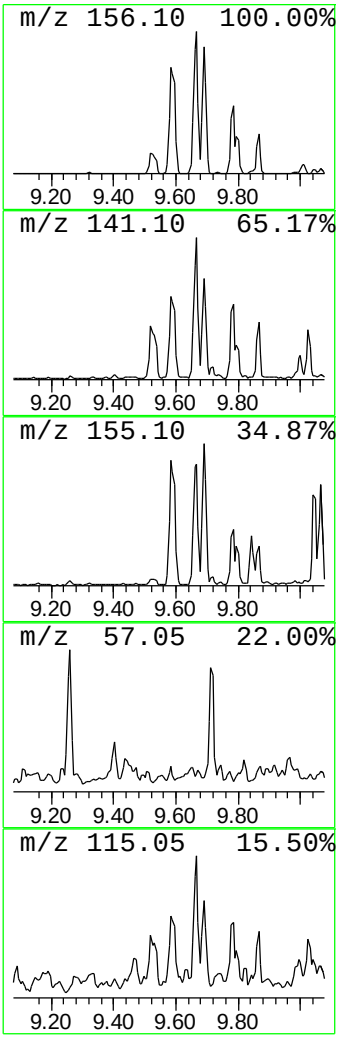
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	27.67 ng	1271020	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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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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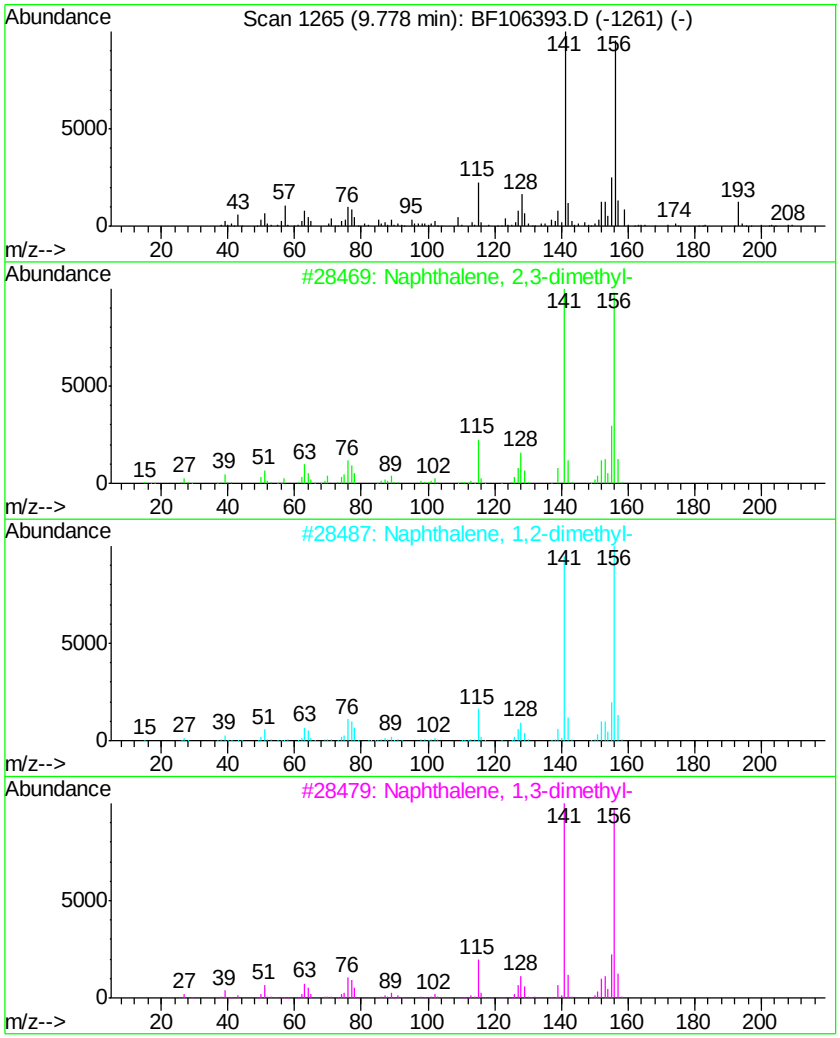
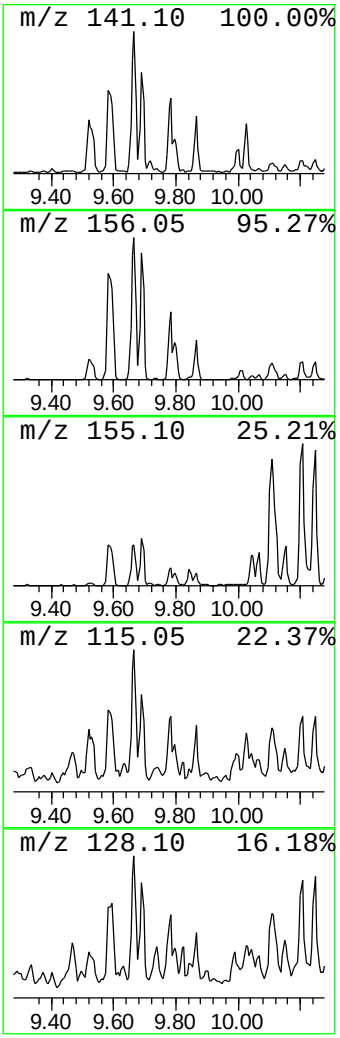
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	14.67 ng	674009	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





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Operator : JU/SJ
Sample : J3458-01
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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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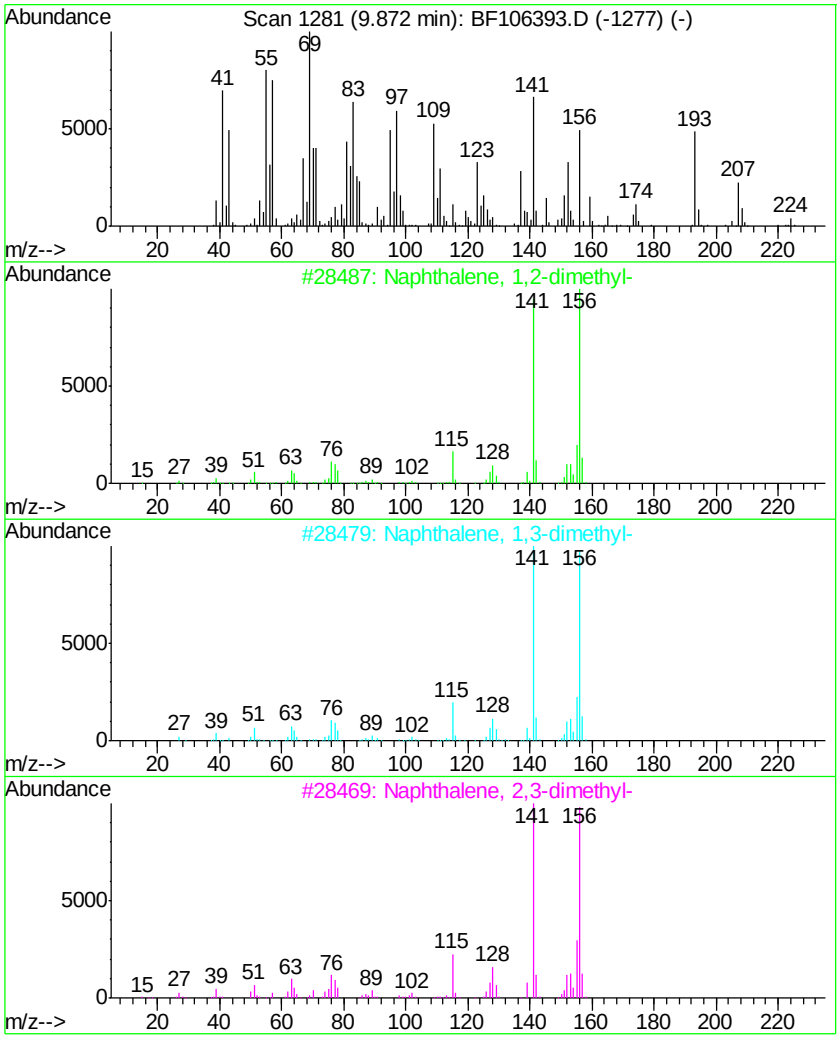
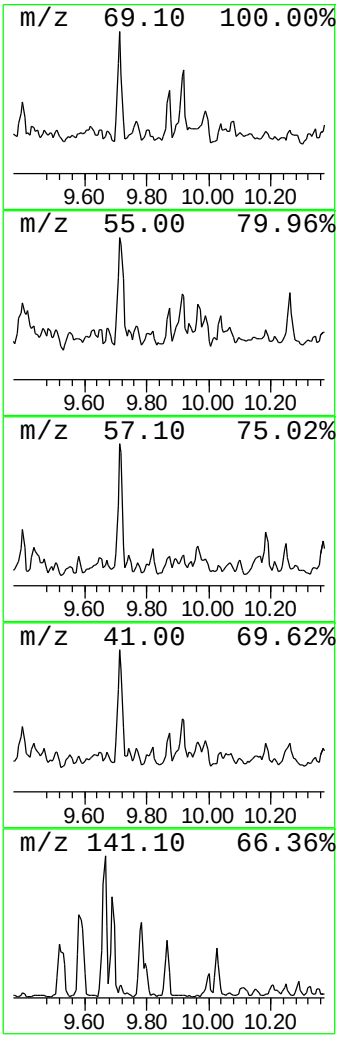
Peak Number 9 Naphthalene, 1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	18.02 ng	827691	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	78
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	78
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	60
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	60
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	55





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Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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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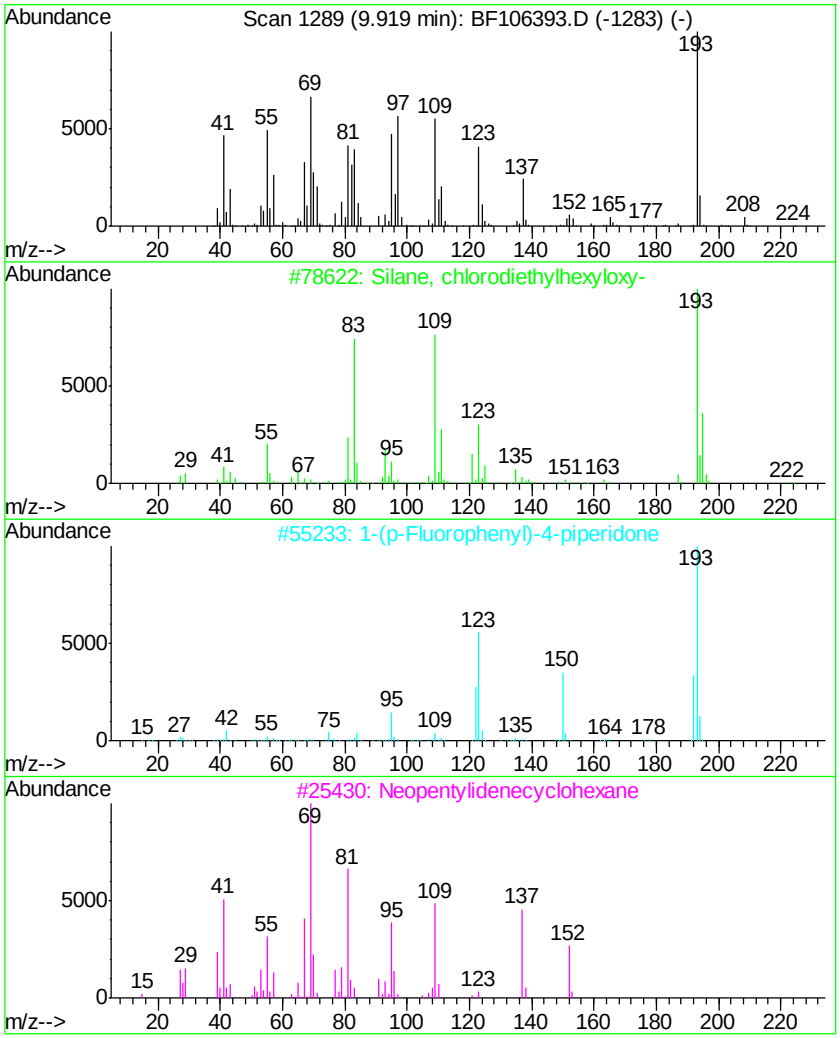
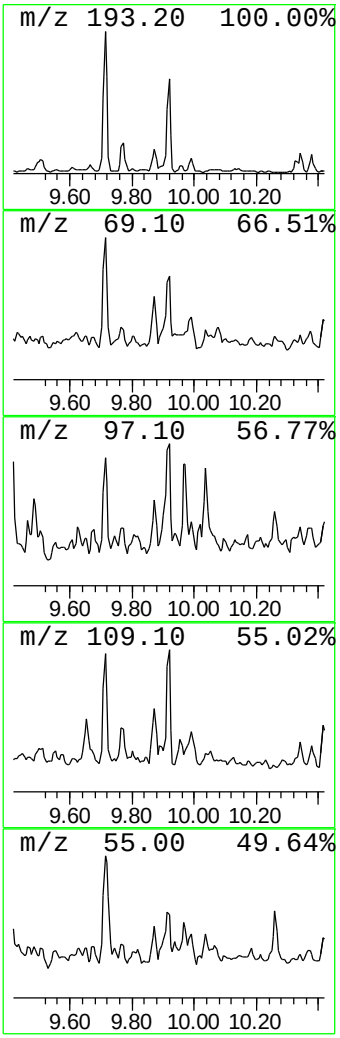
Peak Number 10 unknown9.92 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	25.35 ng	1164290	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	40
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
3	Neopentylidenecyclohexane	152	C11H20	039546-80-0	18
4	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	18
5	Disparlure	282	C19H38O	029804-22-6	14





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Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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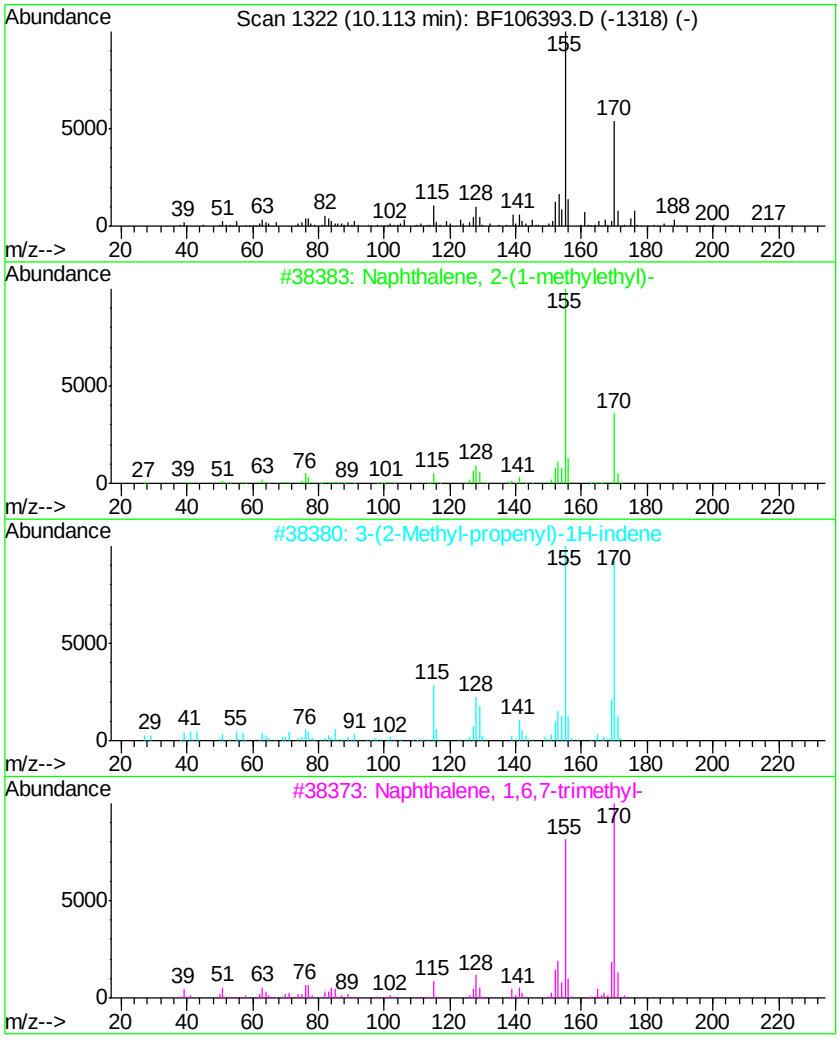
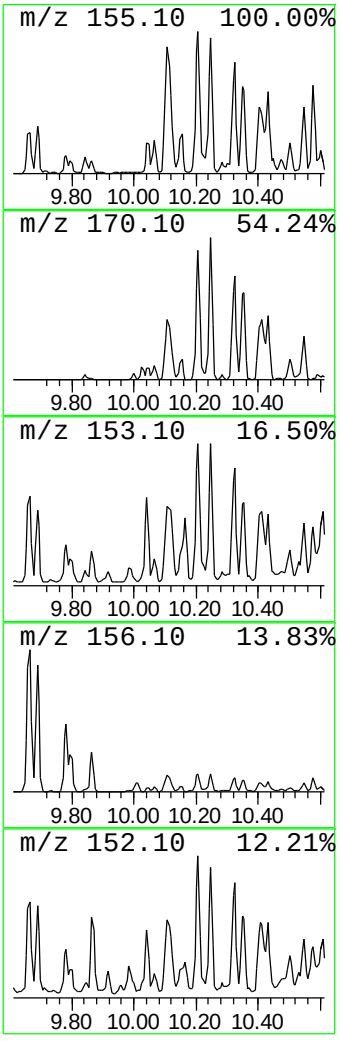
Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	25.19 ng	1157170	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	80
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	62





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Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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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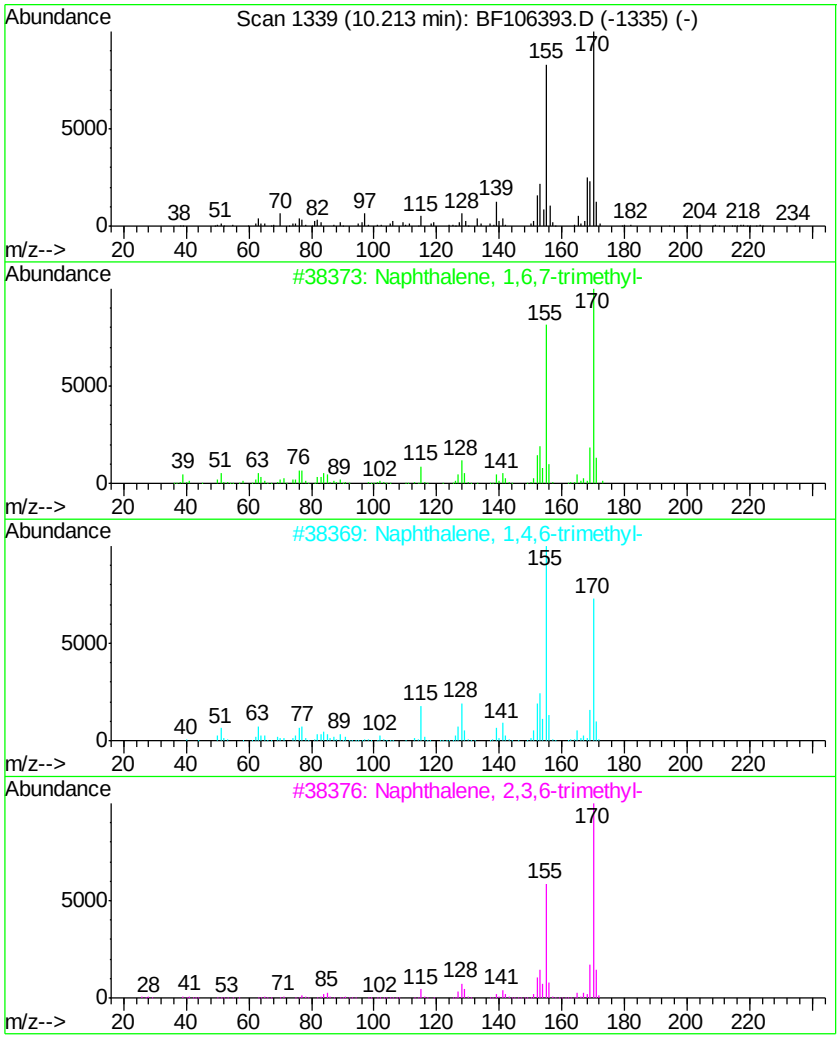
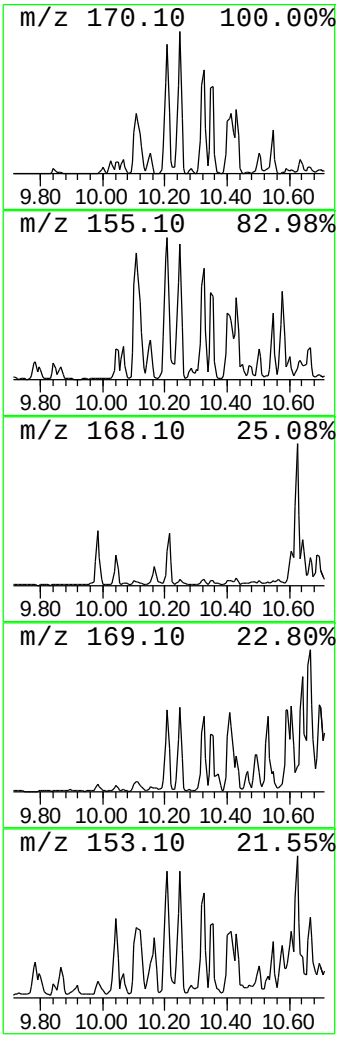
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	20.70 ng	950615	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





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Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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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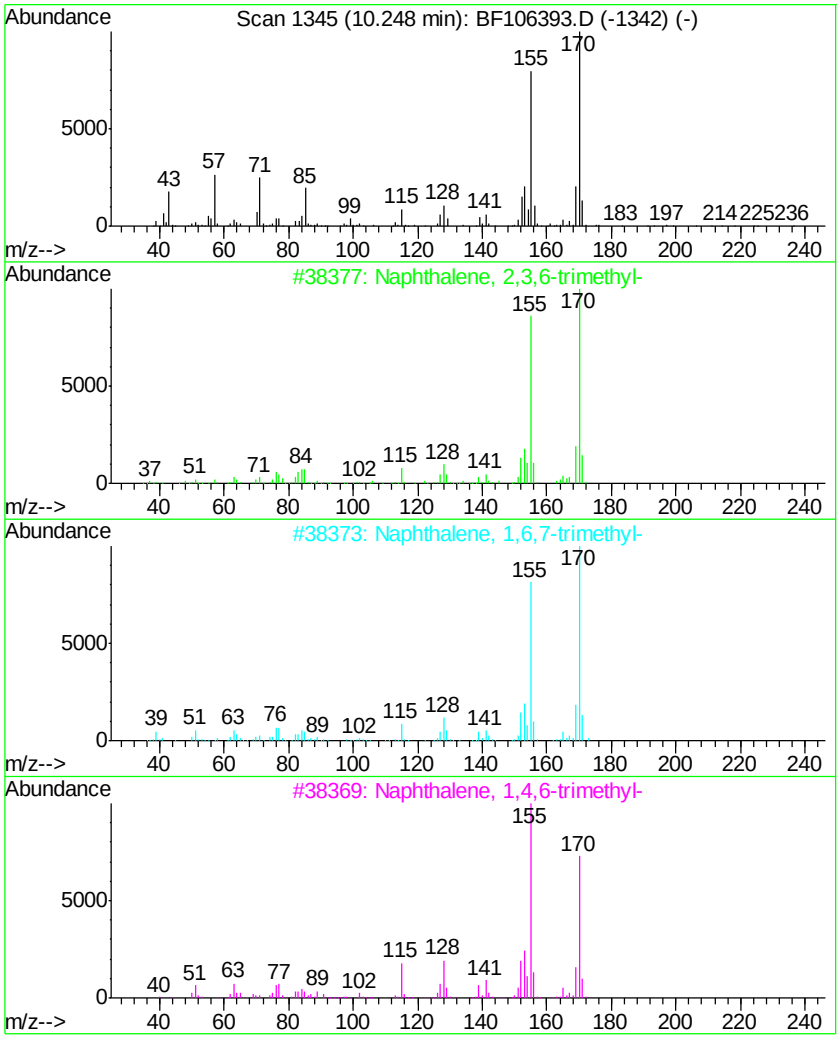
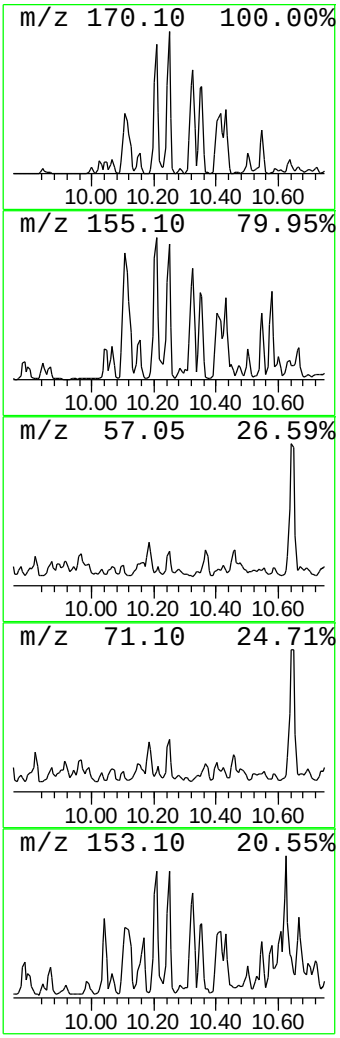
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	39.03 ng	1792690	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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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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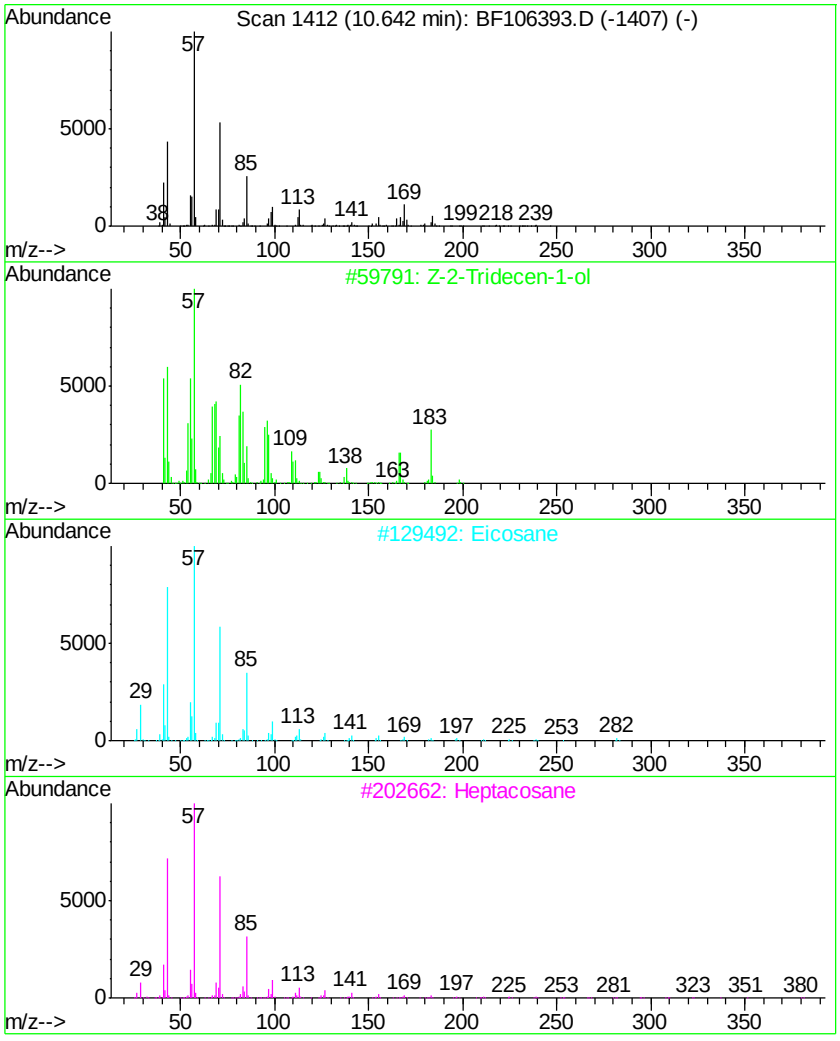
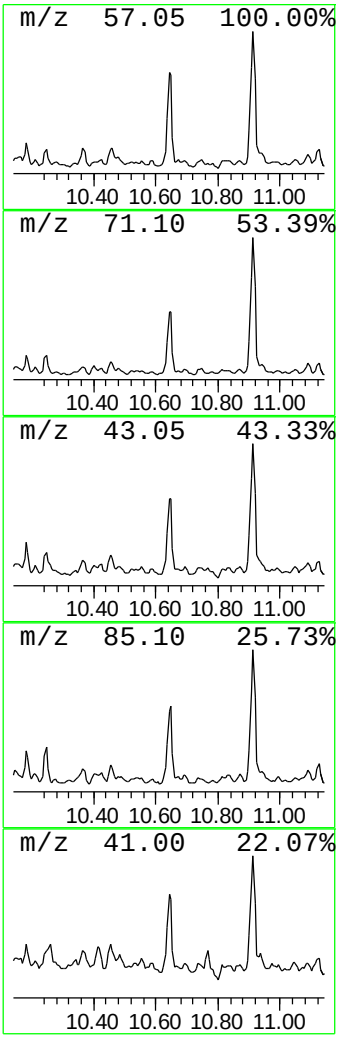
Peak Number 16 Z-2-Tridecen-1-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	42.50 ng	1952150	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	74
2	Eicosane	282	C20H42	000112-95-8	64
3	Heptacosane	380	C27H56	000593-49-7	64
4	Tridecane	184	C13H28	000629-50-5	62
5	Dodecane	170	C12H26	000112-40-3	58





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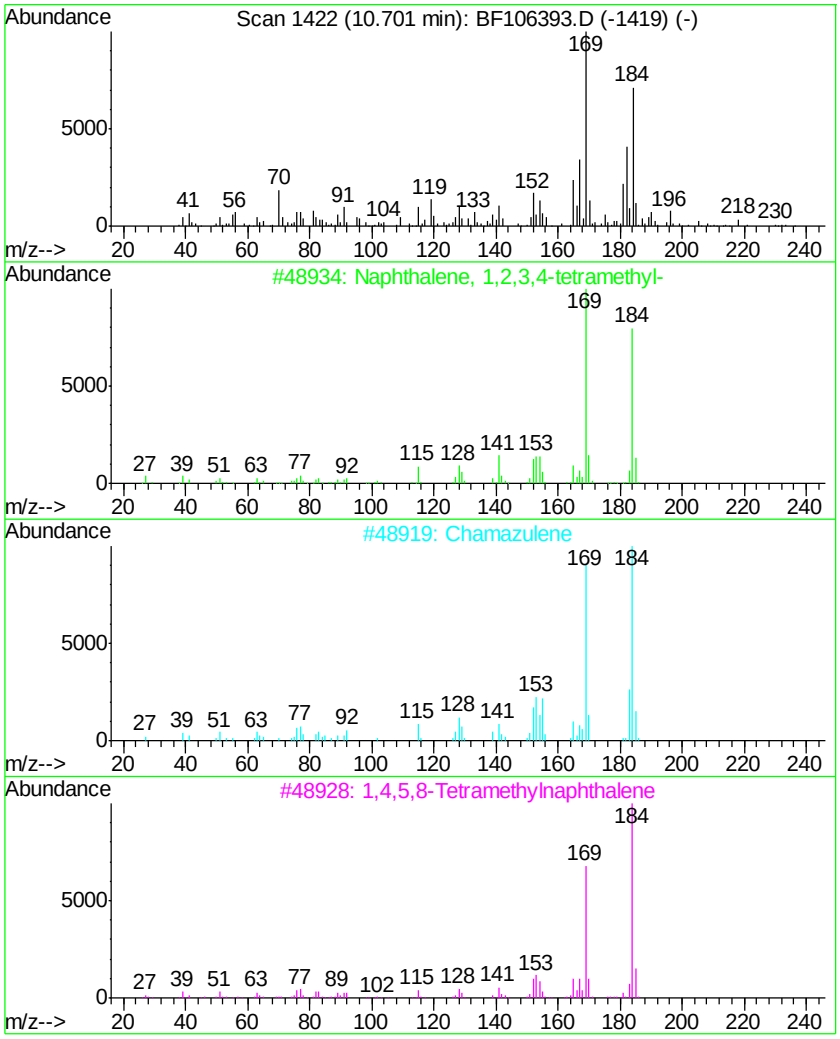
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

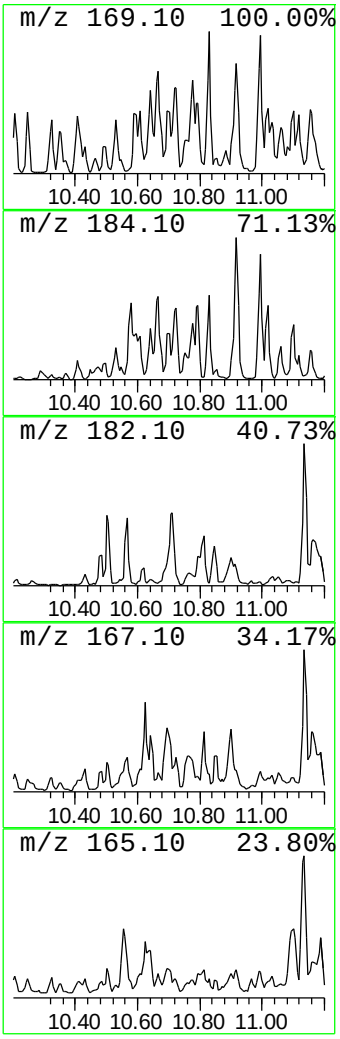
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,2,3,4-tetram... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	12.09 ng	555387	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	78
2	Chamazulene	184	C14H16	000529-05-5	64
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	62
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	53
5	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	52





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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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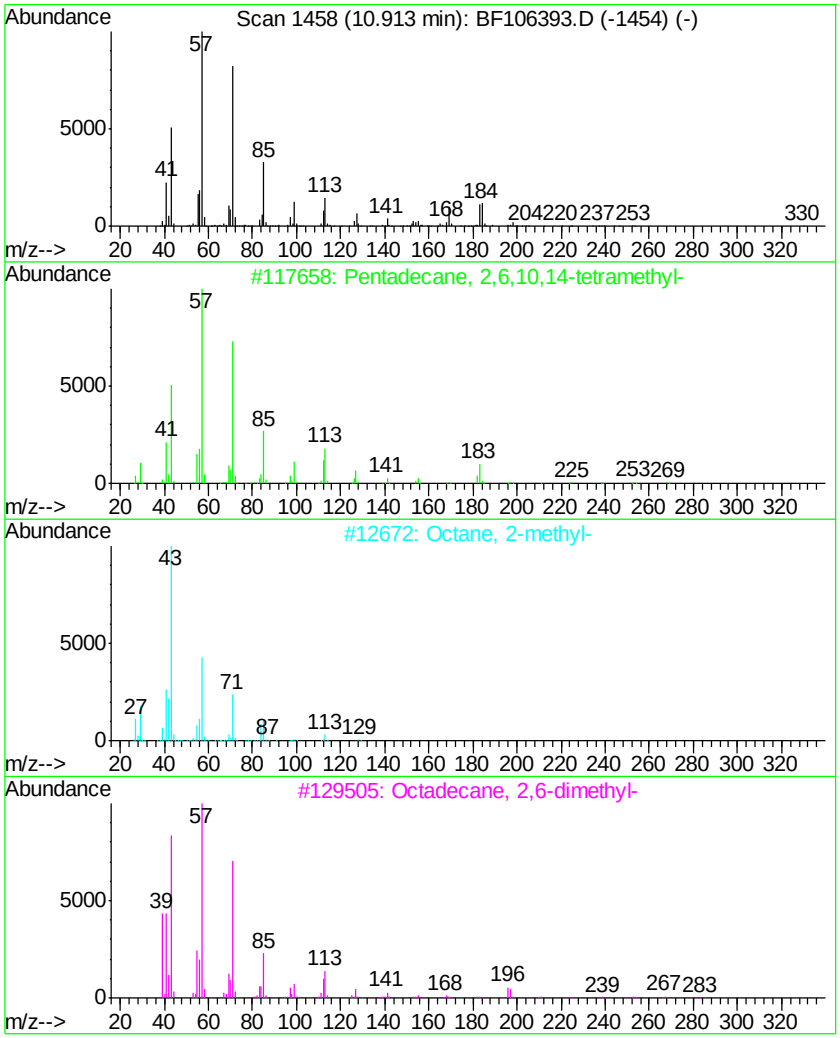
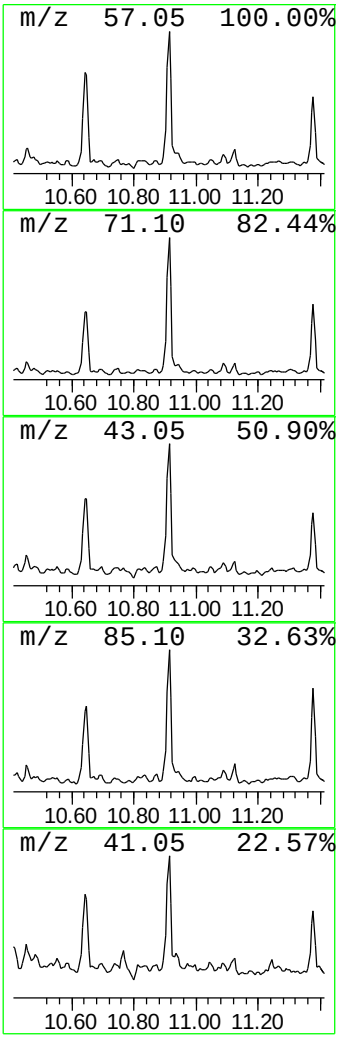
Peak Number 18 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	49.49 ng	3346730	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
2	Octane, 2-methyl-	128	C9H20	003221-61-2	64
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	64
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	59
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58





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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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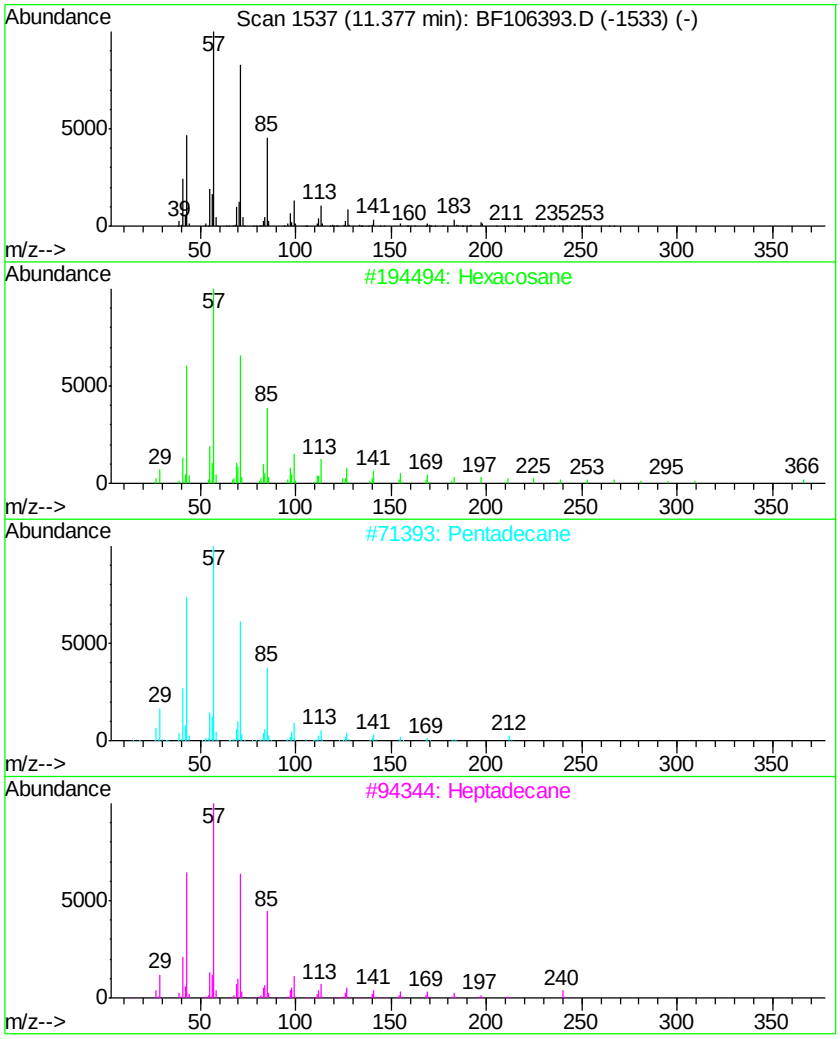
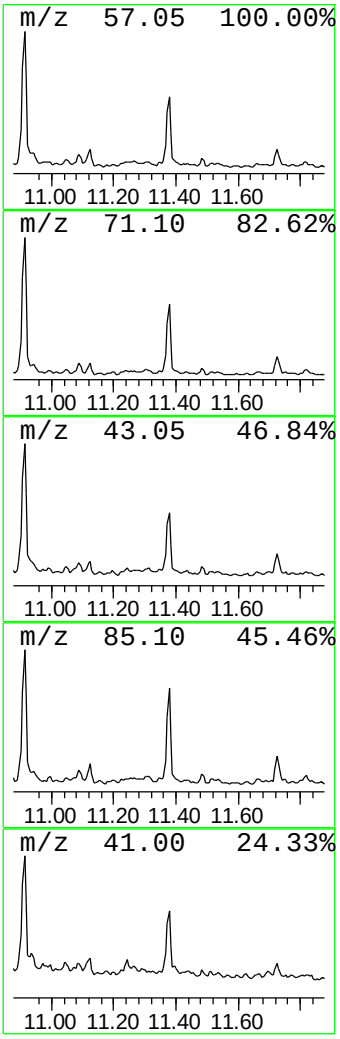
Peak Number 20 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	17.81 ng	1204790	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	87





Tentatively Identified Compound (LSC) summary

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Data File : BF106393.D
Acq On : 13 Jun 2018 16:11
Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-105-5(0-5)

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
unknown6.75	6.75	61.8	ng	2839360	1	6.97	919256	20.0
Octane, 2,6-dimet...	8.65	14.7	ng	1027550	2	8.25	1402190	20.0
Cyclohexane, pentyl-	9.15	16.3	ng	747571	3	10.01	918644	20.0
Dodecane, 2,6,10-...	9.26	33.1	ng	1519150	3	10.01	918644	20.0
unknownN9.40	9.40	19.1	ng	875503	3	10.01	918644	20.0
Naphthalene, 2,6-...	9.58	27.7	ng	1271020	3	10.01	918644	20.0
Naphthalene, 2,3-...	9.78	14.7	ng	674009	3	10.01	918644	20.0
Naphthalene, 1,2-...	9.87	18.0	ng	827691	3	10.01	918644	20.0
unknown9.92	9.92	25.4	ng	1164290	3	10.01	918644	20.0
Naphthalene, 2-(1...	10.11	25.2	ng	1157170	3	10.01	918644	20.0
Naphthalene, 1,6,...	10.21	20.7	ng	950615	3	10.01	918644	20.0
Naphthalene, 2,3,...	10.25	39.0	ng	1792690	3	10.01	918644	20.0
Z-2-Tridecen-1-ol	10.64	42.5	ng	1952150	3	10.01	918644	20.0
Naphthalene, 1,2,...	10.70	12.1	ng	555387	3	10.01	918644	20.0
Pentadecane, 2,6,...	10.91	49.5	ng	3346730	4	11.50	1352560	20.0
Hexacosane	11.38	17.8	ng	1204790	4	11.50	1352560	20.0