LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF096984.D
Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

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:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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	4.704	458	462	470	rBV	243312	366932	11.05%	1.045%
2	4.781	470	475	479	rVB	261260	272809	8.22%	0.777%
3	5.163	535	540	554	rBV	3058890	3218894	96.97%	9.169%
4	6.216	714	719	727	rBV	2861627	3319592	100.00%	9.456%
5	6.281	727	730	733	rVV	199100	142444	4.29%	0.406%
6	6.322	733	737	740	rVB	2875540	2757898	83.08%	7.856%
7	6.481	761	764	768	rBV	178179	147716	4.45%	0.421%
8	6.539	770	774	776	rBV	865736	766776	23.10%	2.184%
9	6.592	781	783	786	rVB	312204	230812	6.95%	0.657%
10	6.698	796	801	810	rVB2	2444546	2837620	85.48%	8.083%
11	6.828	819	823	826	rBV	94108	127904	3.85%	0.364%
12	6.851	826	827	832	rVB2	48478	53742	1.62%	0.153%
13	6.945	839	843	847	rBV4	27384	45138	1.36%	0.129%
14	7.110	864	871	874	rBV	2009739	2240652	67.50%	6.383%
15	7.198	881	886	890	rVB6	27515	37739	1.14%	0.108%
16	7.257	890	896	900	rBV4	35191	58745	1.77%	0.167%
17	7.345	909	911	915	rVB3	44453	43714	1.32%	0.125%
18	7.463	924	931	933	rBV4	29115	49580	1.49%	0.141%
19	7.557	944	947	951	rVB3	33923	34865	1.05%	0.099%
20	7.598	951	954	958	rVV3	43720	48085	1.45%	0.137%
21	7.639	958	961	968	rVB6	32766	48103	1.45%	0.137%
22	7.734	974	977	980	rBV5	34363	43701	1.32%	0.124%
23	7.822	988	992	995	rBV	1094380	1016131	30.61%	2.895%
24	7.904	1003	1006	1012	rBV3	48767	59641	1.80%	0.170%
25	8.010	1019	1024	1027	rBV4	20955	36291	1.09%	0.103%
26	8.122	1039	1043	1046	rVB5	21591	35759	1.08%	0.102%
27	8.186	1051	1054	1056	rVV4	37180	37700	1.14%	0.107%
28	8.216	1056	1059	1065	rVV5	36569	60581	1.82%	0.173%
29	8.269	1065	1068	1076	rVB4	107436	147601	4.45%	0.420%
30	8.451	1093	1099	1103	rBV8	29976	75720	2.28%	0.216%
31	8.533	1108	1113	1117	rVB5	77561	105824	3.19%	0.301%
32	8.633	1127	1130	1134	rBV	101498	87146	2.63%	0.248%
33	8.716	1139	1144	1146	rBV4	36557	60477	1.82%	0.172%
34	8.810	1158	1160	1163	rVB4	35815	35210	1.06%	0.100%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF096984.D
Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

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:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.839	1163	1165	1167	rBV3	42866	49125	1.48%	0.140%
36	8.863	1167	1169	1171	rVV	94748	70630	2.13%	0.201%
37	8.904	1171	1176	1179	rVB	2557314	2571222	77.46%	7.324%
38	8.980	1184	1189	1190	rBV4	54246	65807	1.98%	0.187%
39	9.163	1215	1220	1226	rBV3	79483	141565	4.26%	0.403%
40	9.233	1229	1232	1234	rVV	111861	123622	3.72%	0.352%
41	9.280	1237	1240	1241	rVV	229432	220296	6.64%	0.628%
42	9.298	1241	1243	1245	rVV	307931	286453	8.63%	0.816%
43	9.316	1245	1246	1248	rVV	179091	108517	3.27%	0.309%
44	9.345	1248	1251	1253	rVB3	59109	68041	2.05%	0.194%
45	9.433	1262	1266	1271	rBV6	63362	91650	2.76%	0.261%
46	9.486	1272	1275	1279	rVB2	97419	99126	2.99%	0.282%
47	9.522	1279	1281	1284	rBV2	54481	50878	1.53%	0.145%
48	9.569	1284	1289	1293	rBV	1023745	986379	29.71%	2.810%
49	9.616	1293	1297	1299	rVB4	36662	36956	1.11%	0.105%
50	9.686	1304	1309	1312	rVB2	47789	85841	2.59%	0.245%
51	9.780	1317	1325	1327	rBV4	60259	133063	4.01%	0.379%
52	9.816	1327	1331	1333	rVB2	39644	44627	1.34%	0.127%
53	9.845	1333	1336	1339	rVB3	95063	94622	2.85%	0.270%
54	9.892	1341	1344	1346	rBV	109201	110361	3.32%	0.314%
55	9.969	1355	1357	1360	rBV2	71060	78793	2.37%	0.224%
56	9.998	1360	1362	1364	rVB2	49273	37260	1.12%	0.106%
57	10.022	1364	1366	1369	rBV2	52364	44001	1.33%	0.125%
58	10.075	1370	1375	1378	rBV5	54260	93868	2.83%	0.267%
59	10.110	1379	1381	1383	rVB3	49711	42024	1.27%	0.120%
60	10.139	1383	1386	1391	rBV3	54780	81895	2.47%	0.233%
61	10.210	1395	1398	1400	rBV2	26463	37415	1.13%	0.107%
62	10.239	1400	1403	1406	rVB2	134571	170495	5.14%	0.486%
63	10.286	1406	1411	1415	rVB3	58904	102729	3.09%	0.293%
64	10.322	1415	1417	1418	rBV2	52182	46073	1.39%	0.131%
65	10.357	1418	1423	1427	rVV	1646394	1812175	54.59%	5.162%
66	10.392	1427	1429	1436	rVB3	71810	96261	2.90%	0.274%
67	10.475	1440	1443	1444	rVV	58153	56859	1.71%	0.162%
68	10.504	1446	1448	1455	rVB	187680	213198	6.42%	0.607%
69	10.557	1455	1457	1460	rBV2	57117	48264	1.45%	0.137%
70	10.716	1481	1484	1486	rBV4	45115	46611	1.40%	0.133%
71	10.939	1520	1522	1525	rBV3	47359	46512	1.40%	0.132%

LSC Area Percent Report

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Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

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:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.969	1525	1527	1530	rVB	85761	74697	2.25%	0.213%
73	11.045	1536	1540	1542	rBV	950400	829823	25.00%	2.364%
74	11.069	1542	1544	1547	rVV	195324	146641	4.42%	0.418%
75	11.122	1550	1553	1556	rVB	58137	56449	1.70%	0.161%
76	11.598	1628	1634	1641	rBV2	281492	415892	12.53%	1.185%
77	11.651	1641	1643	1646	rVB2	46554	42511	1.28%	0.121%
78	11.733	1654	1657	1661	rBV3	41914	68297	2.06%	0.195%
79	12.251	1741	1745	1749	rBV	360821	334162	10.07%	0.952%
80	12.380	1762	1767	1774	rBV	429129	595154	17.93%	1.695%
81	12.474	1778	1783	1787	rBV	304268	305567	9.20%	0.870%
82	12.633	1805	1810	1813	rVB	2119947	2188277	65.92%	6.233%
83	12.804	1837	1839	1844	rVB3	56970	64679	1.95%	0.184%
84	13.198	1900	1906	1914	rBV5	76170	181384	5.46%	0.517%
85	13.539	1961	1964	1971	rVB2	136232	156875	4.73%	0.447%
86	13.668	1981	1986	1989	rBV2	885698	937566	28.24%	2.671%
87	13.692	1989	1990	1997	rVB	144728	118921	3.58%	0.339%
88	13.863	2014	2019	2024	rBV3	62176	97013	2.92%	0.276%
89	14.168	2069	2071	2075	rBV4	30033	33580	1.01%	0.096%
90	14.392	2105	2109	2114	rBV	51072	77545	2.34%	0.221%
91	14.662	2151	2155	2158	rBV	131346	184370	5.55%	0.525%
92	14.757	2168	2171	2174	rVB	39363	34134	1.03%	0.097%
93	14.921	2196	2199	2205	rVB	68137	76844	2.31%	0.219%
94	14.974	2205	2208	2213	rBV	91867	101813	3.07%	0.290%
95	15.027	2213	2217	2224	rBV	487033	591729	17.83%	1.686%
96	15.409	2277	2282	2286	rBV4	32902	66473	2.00%	0.189%
97	15.727	2332	2336	2344	rVB9	36902	79390	2.39%	0.226%
98	16.280	2427	2430	2436	rVB2	37298	54514	1.64%	0.155%
99	16.651	2490	2493	2498	rVB2	27993	46331	1.40%	0.132%

Sum of corrected areas: 35105387

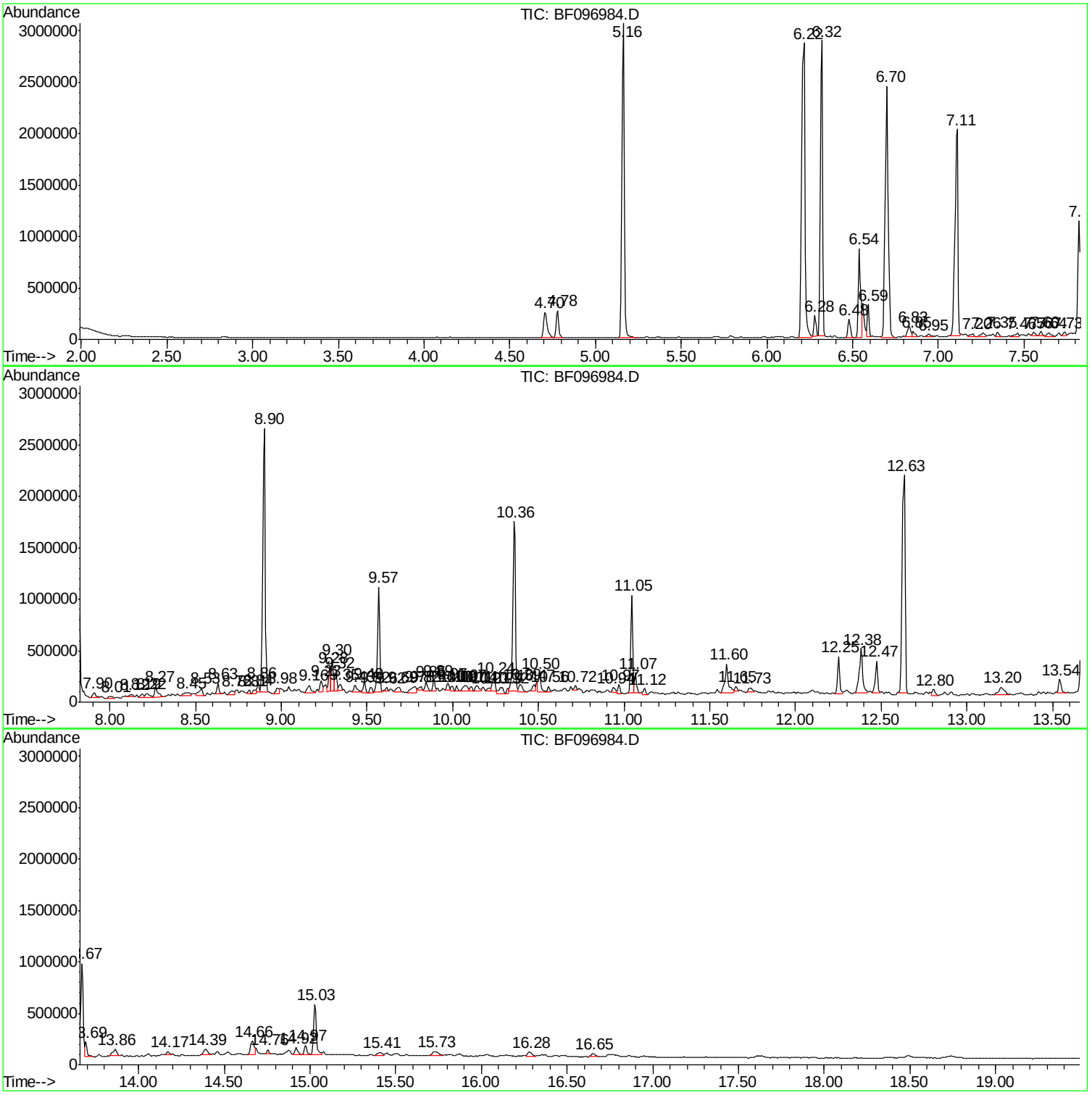
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF096984.D
Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF096984.D
Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

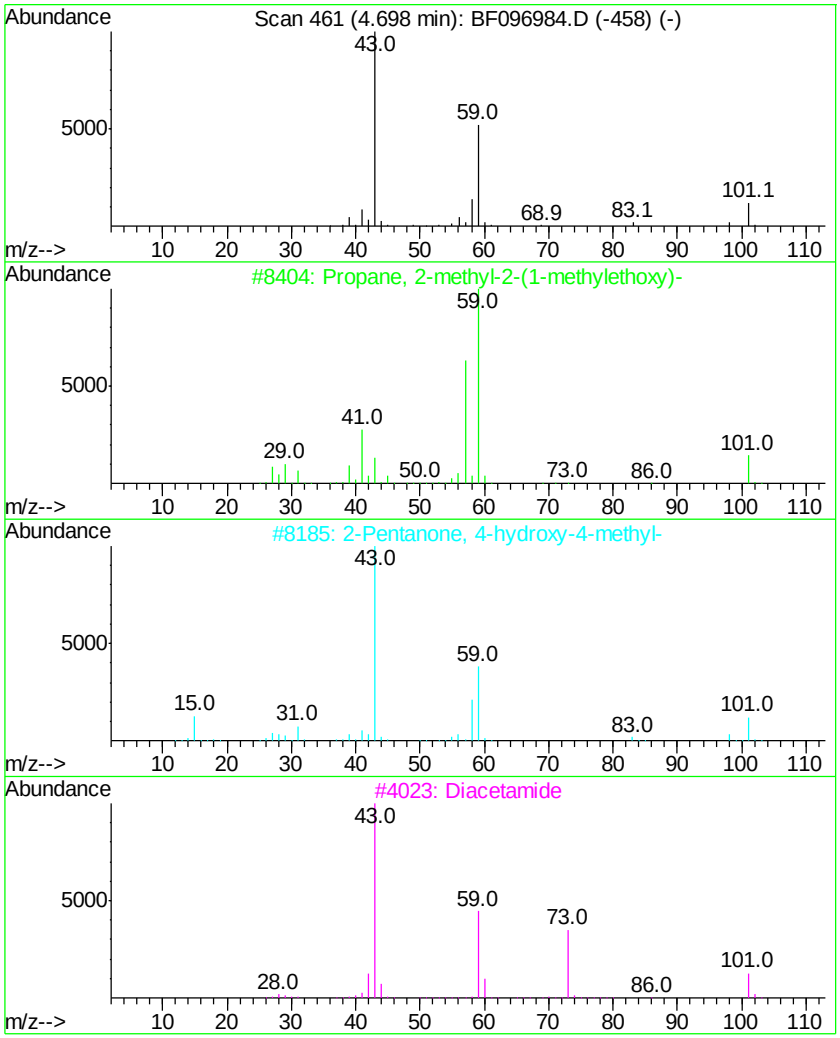
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

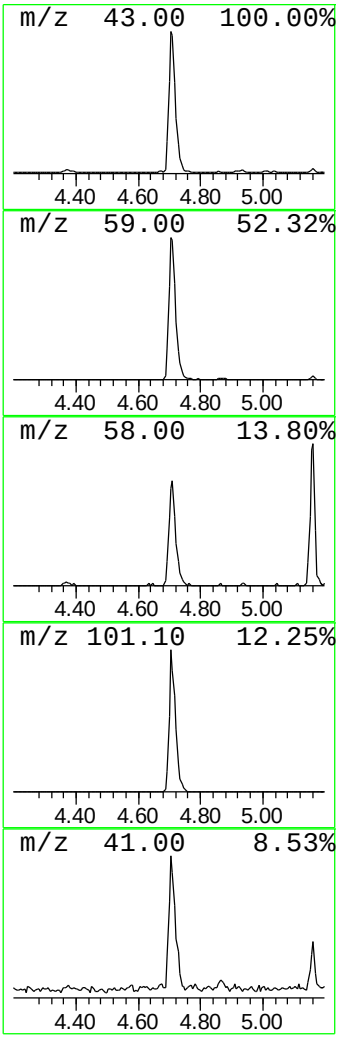
****

Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	9.57 ng	366932	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF096984.D
Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

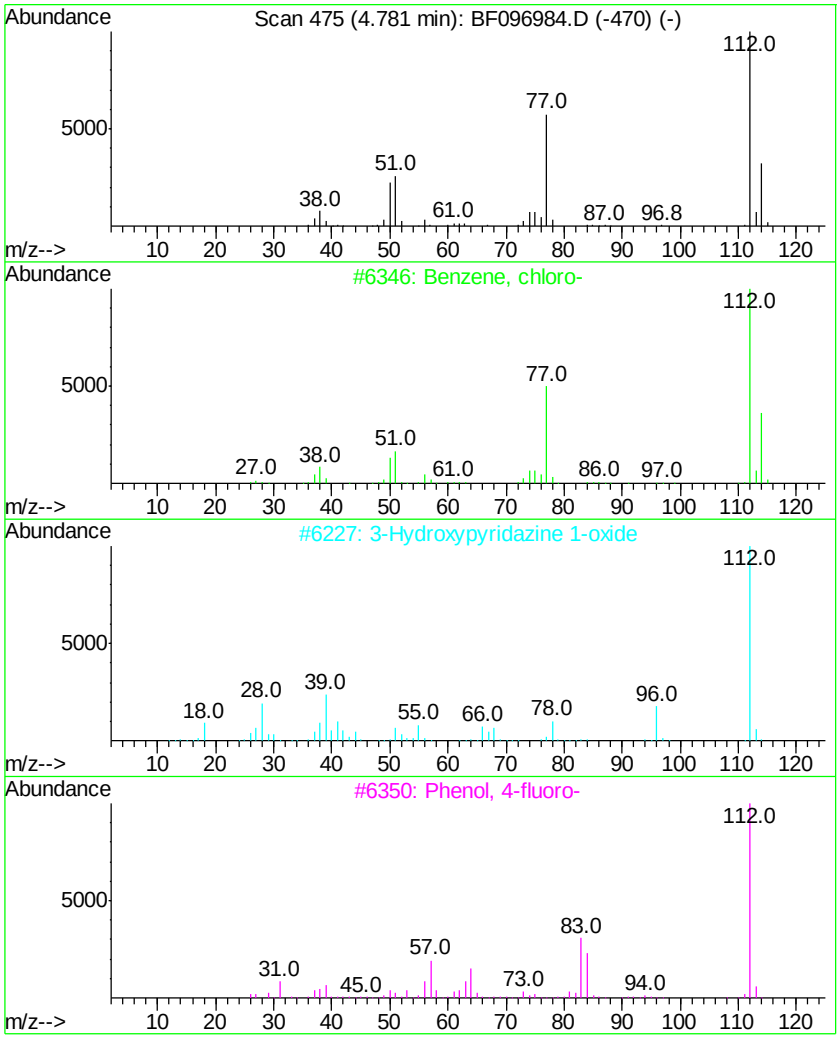
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

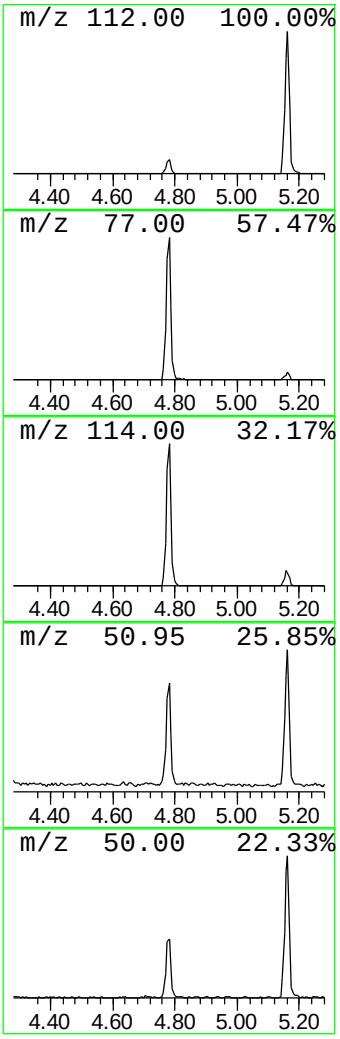
****

Peak Number 2 Benzene, chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	7.12 ng	272809	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	93
2	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	17
3	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	17
4	2-Cyclopenten-1-one, 2-hydroxy-3...	112	C6H8O2	000080-71-7	9
5	3-Furancarboxylic acid	112	C5H4O3	000488-93-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
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Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

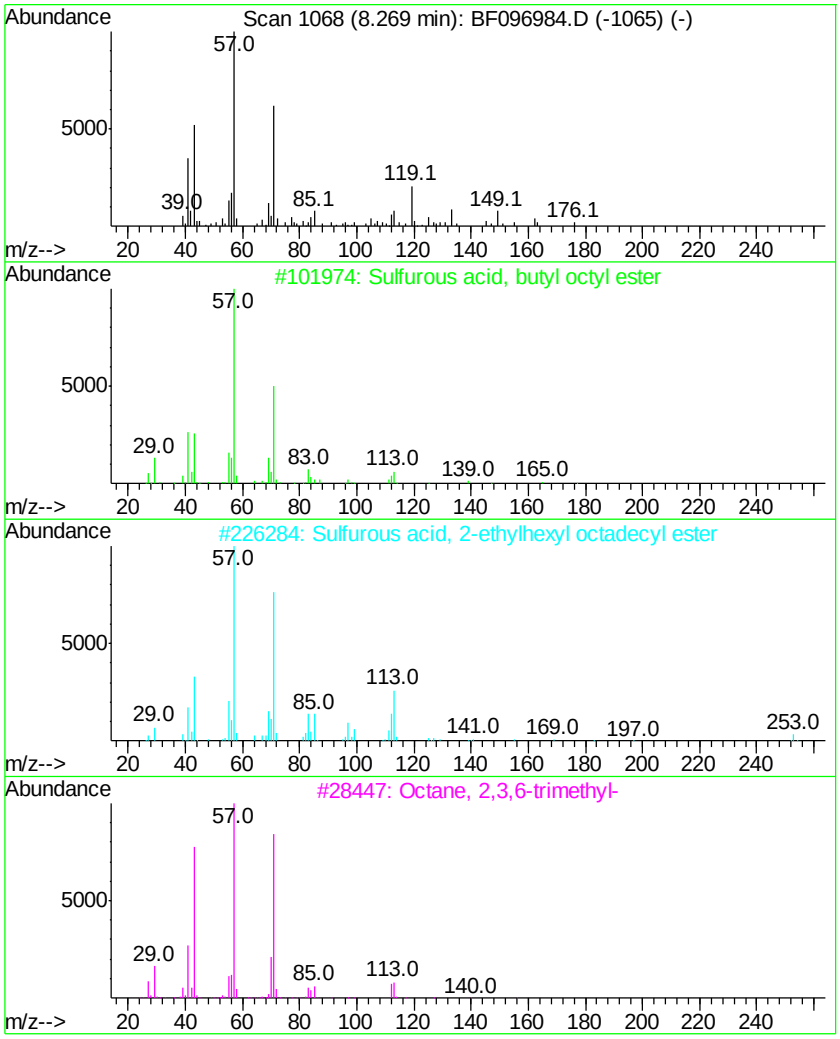
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

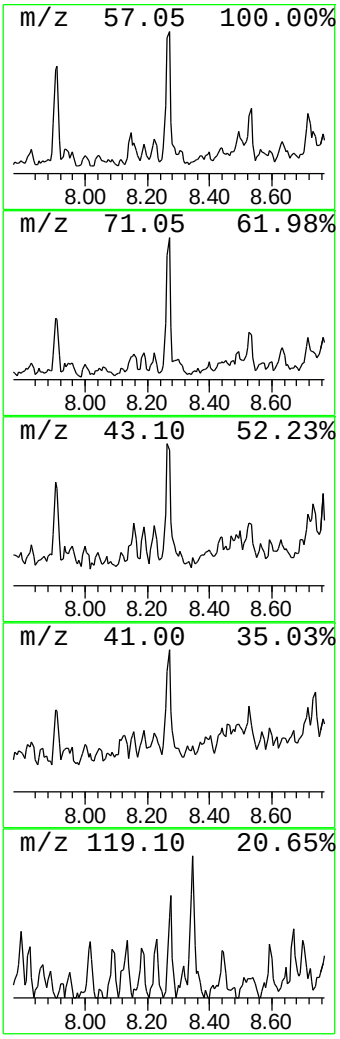
****

Peak Number 3 unknown8.27 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	2.91 ng	147601	Naphthalene-d8	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	47
2	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	47
3	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	47
4	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	46
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
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Acq On : 24 Jul 2017 11:57
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Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

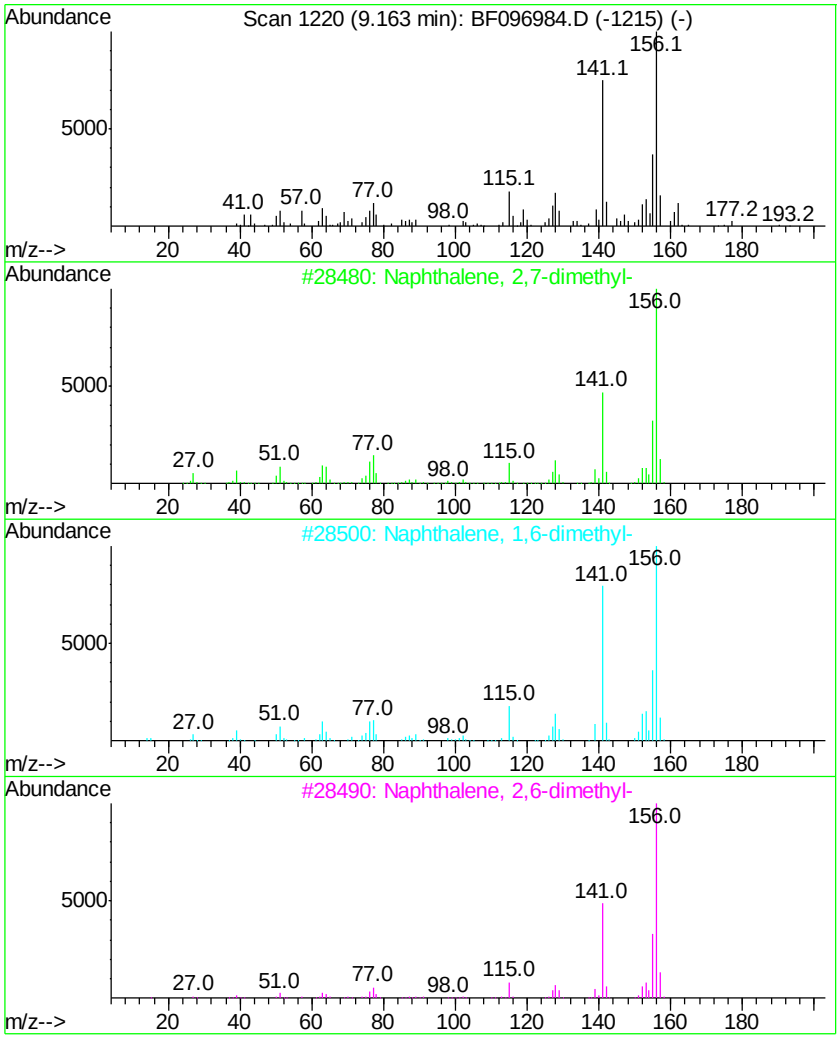
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

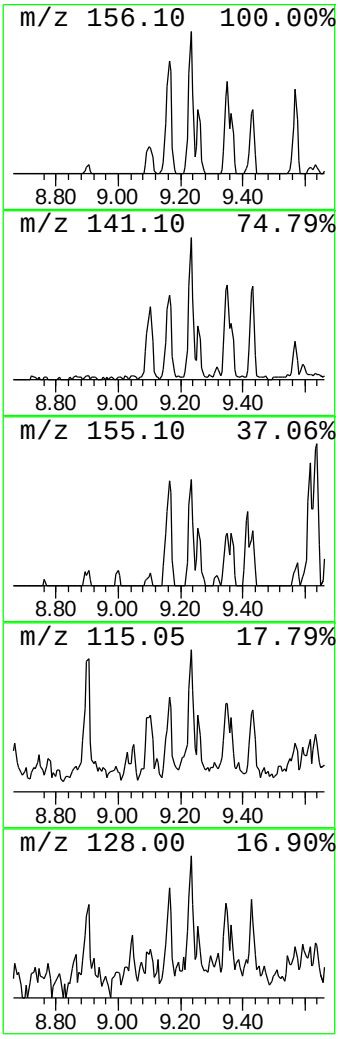
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	2.87 ng	141565	Acenaphthene-d10	9.57

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF096984.D
Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

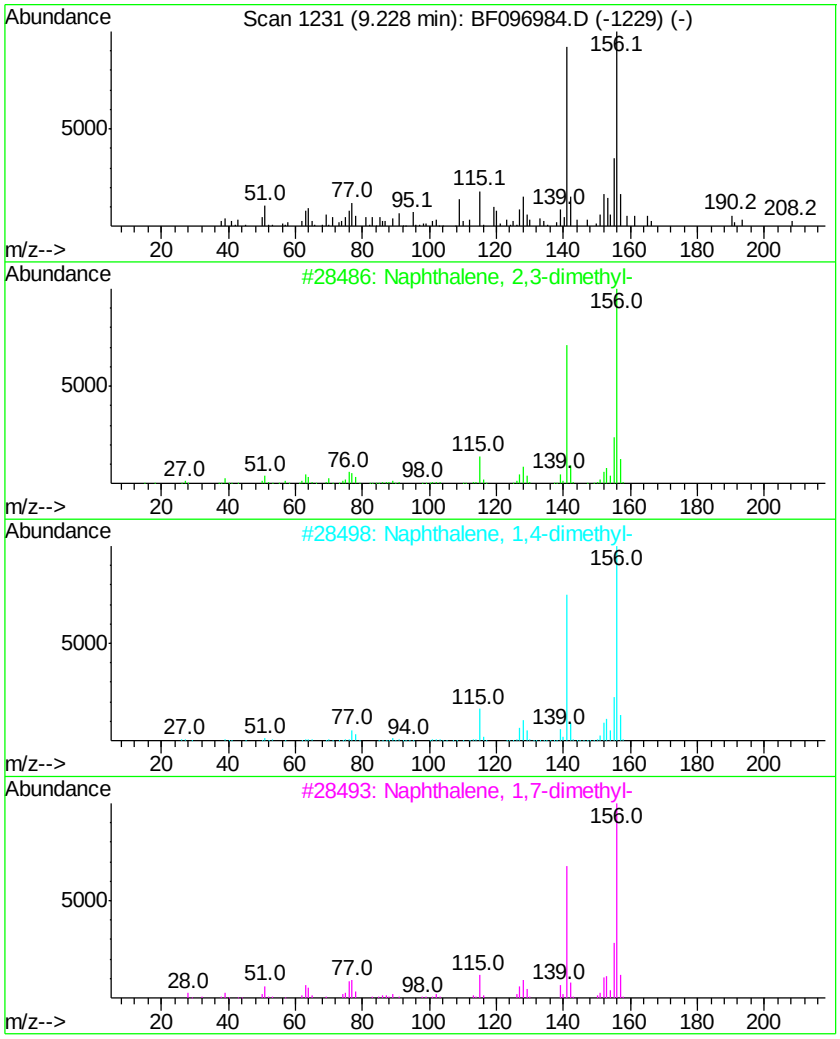
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

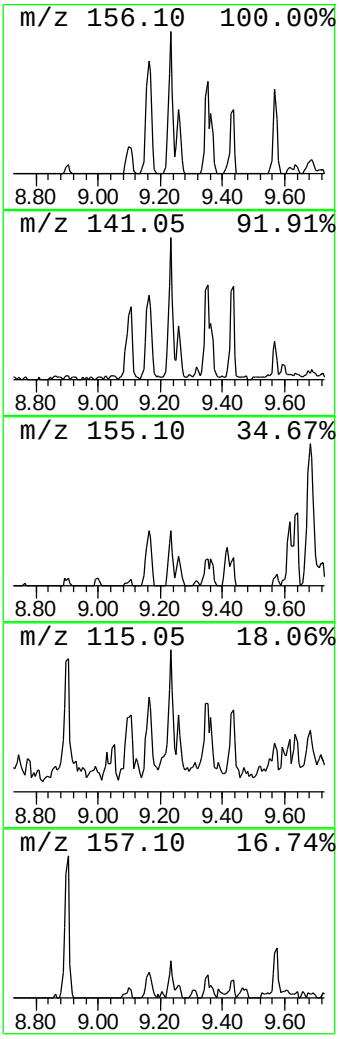
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	2.51 ng	123622	Acenaphthene-d10	9.57

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	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Data File : BF096984.D
Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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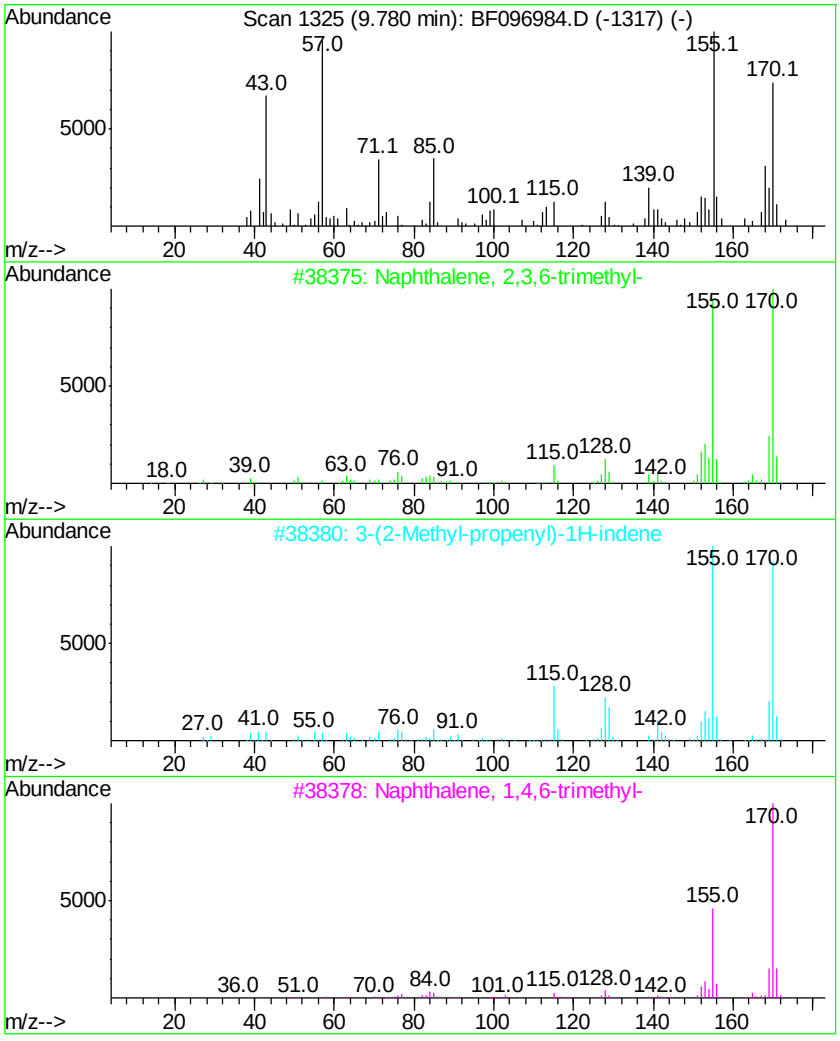
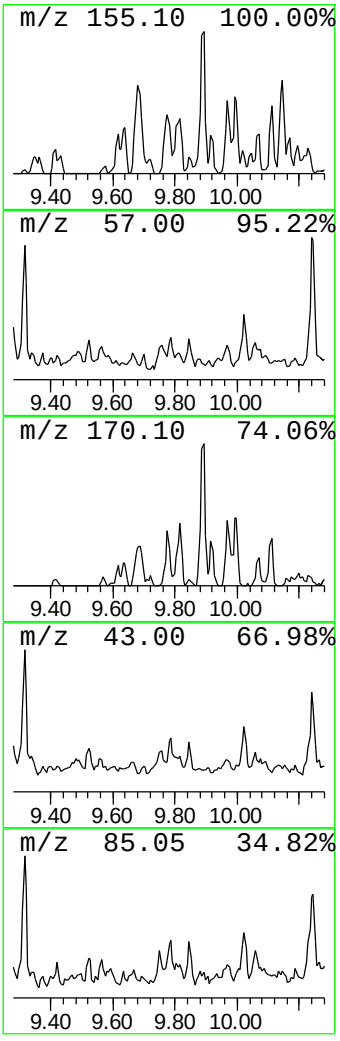
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	2.70 ng	133063	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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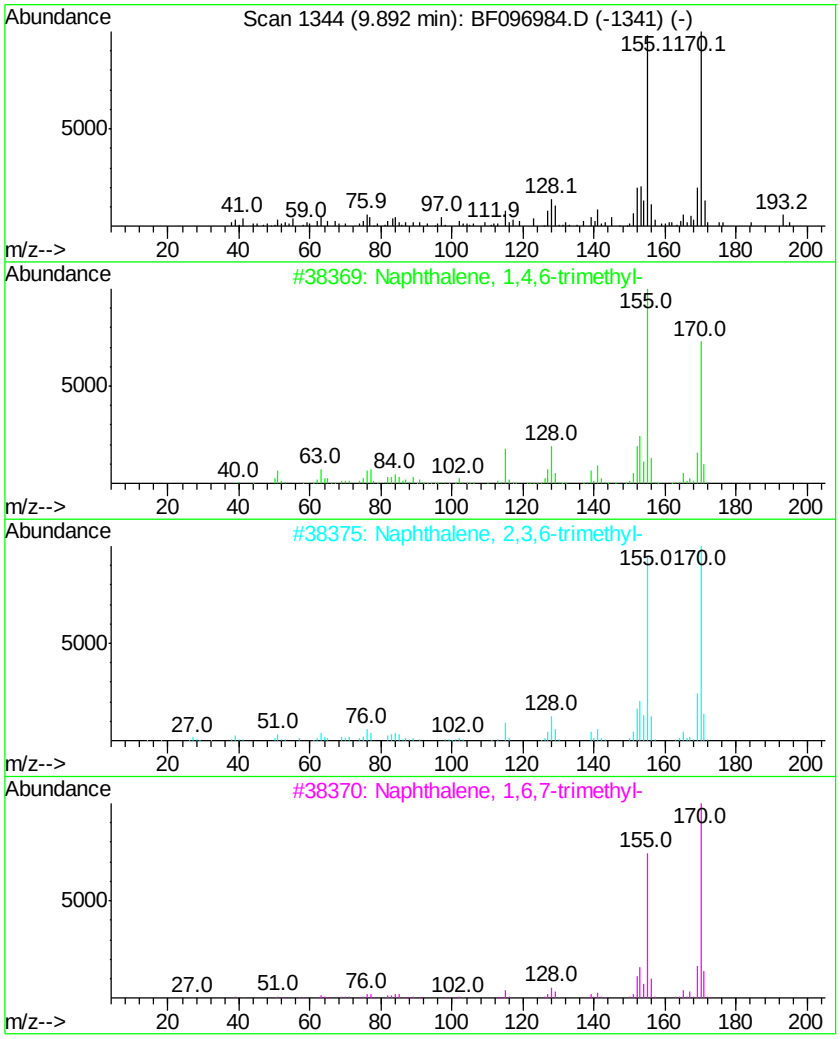
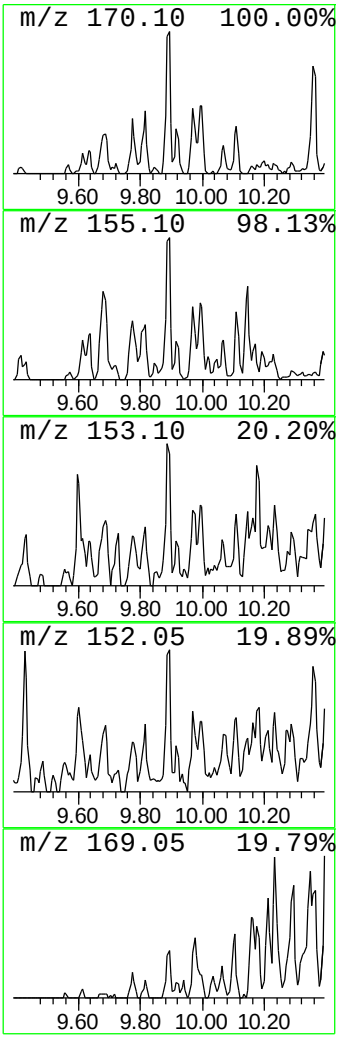
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2.24 ng	110361	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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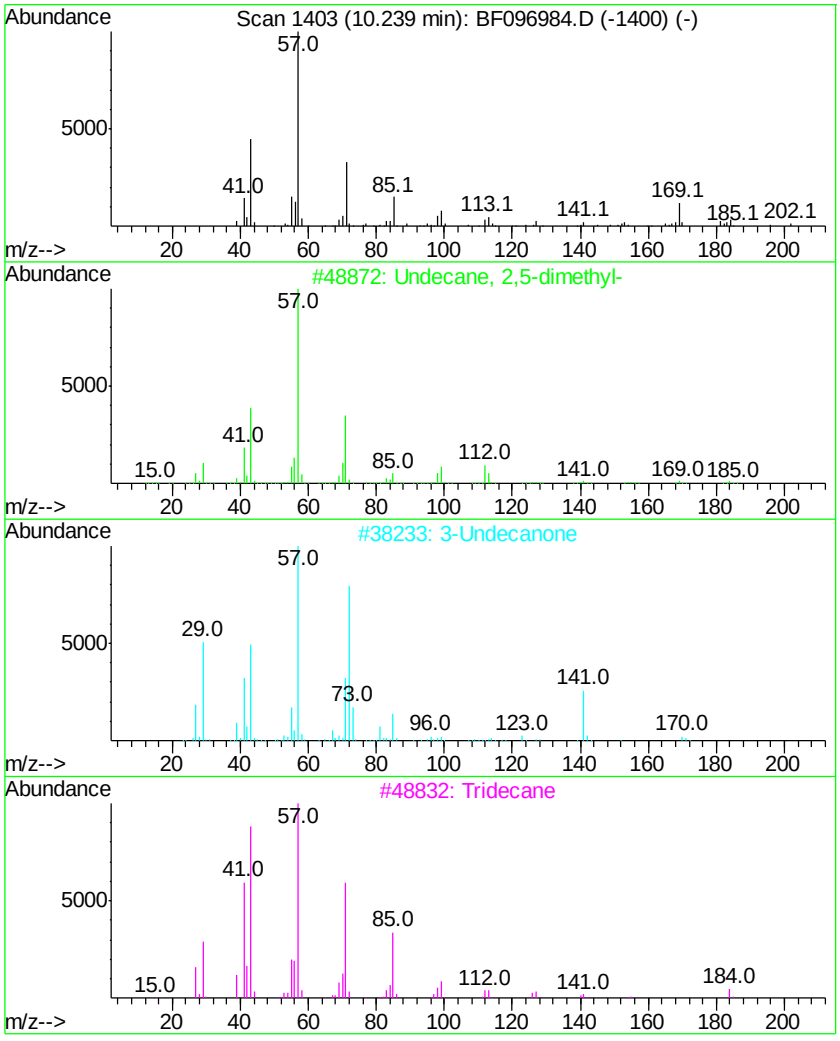
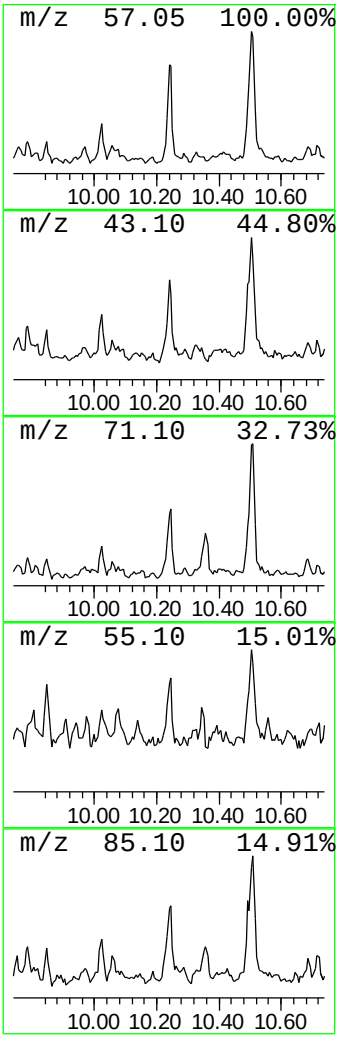
Peak Number 9 Undecane, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	3.46 ng	170495	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	62
2	3-Undecanone	170	C11H22O	002216-87-7	53
3	Tridecane	184	C13H28	000629-50-5	50
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	50
5	Heptadecane	240	C17H36	000629-78-7	47





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Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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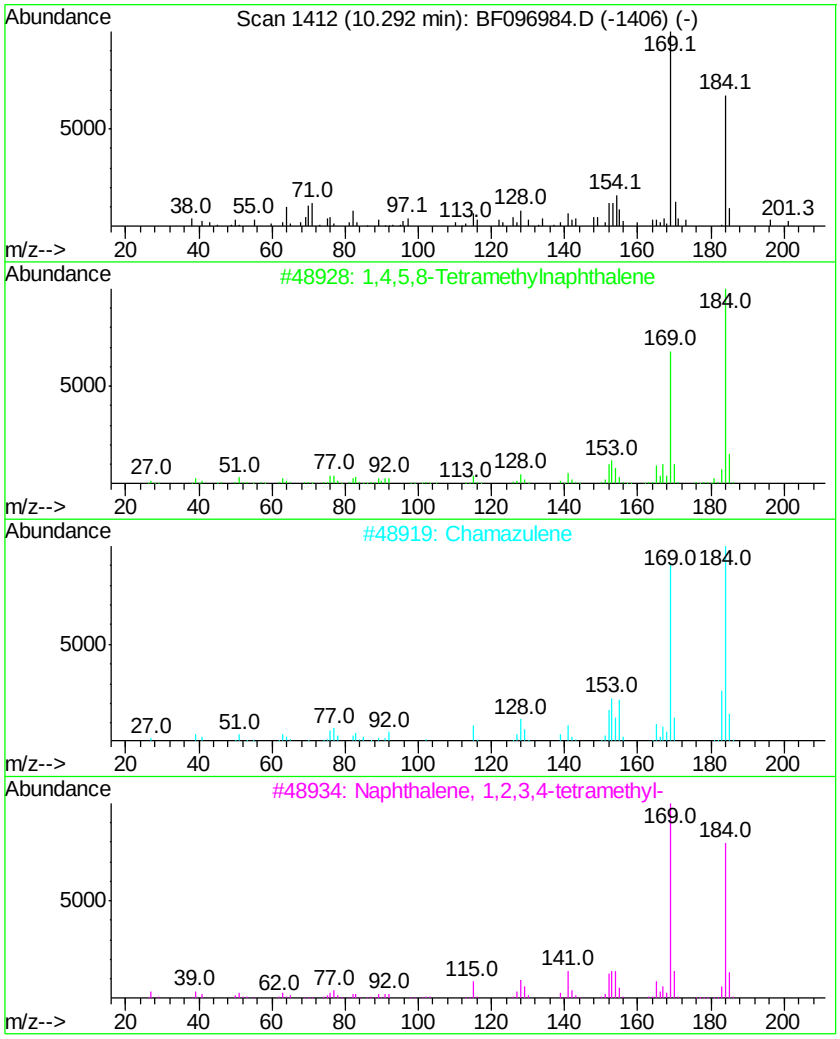
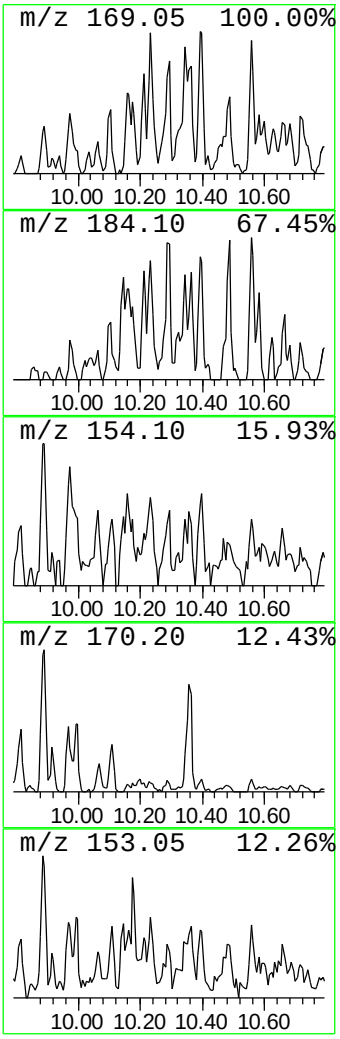
Peak Number 10 1,4,5,8-Tetramethylnaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	2.08 ng	102729	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	93
2	Chamazulene	184	C14H16	000529-05-5	90
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	90
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	87
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	83





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Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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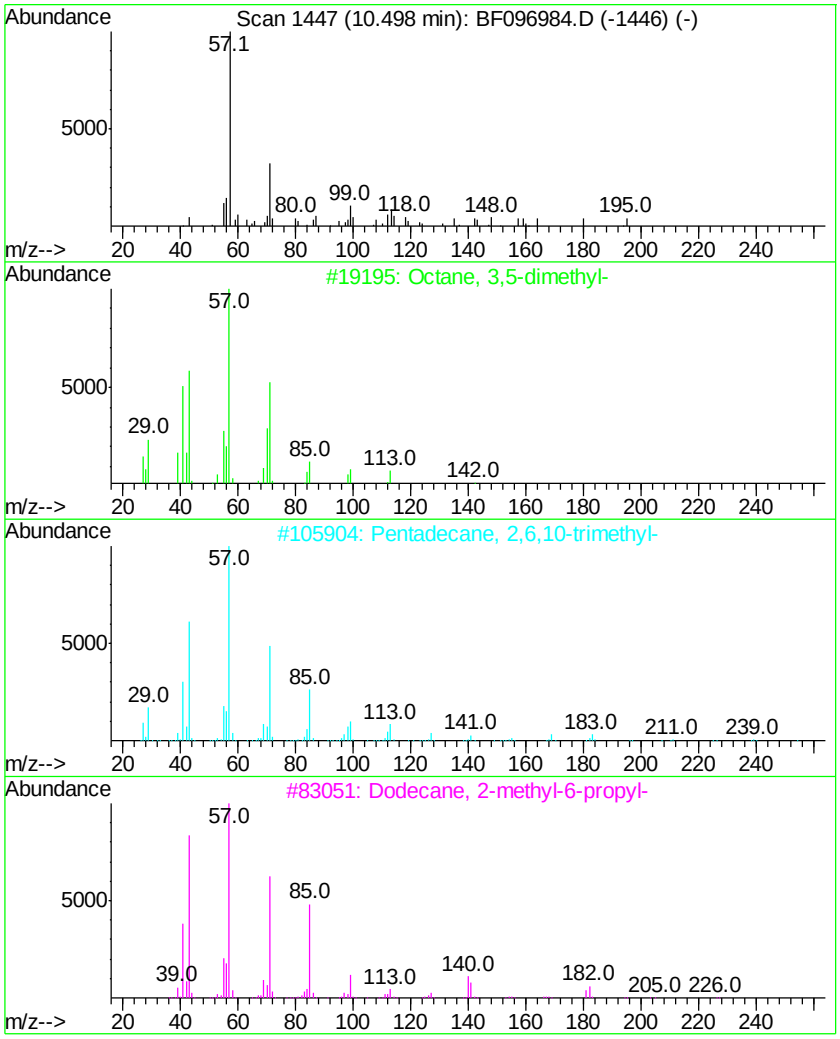
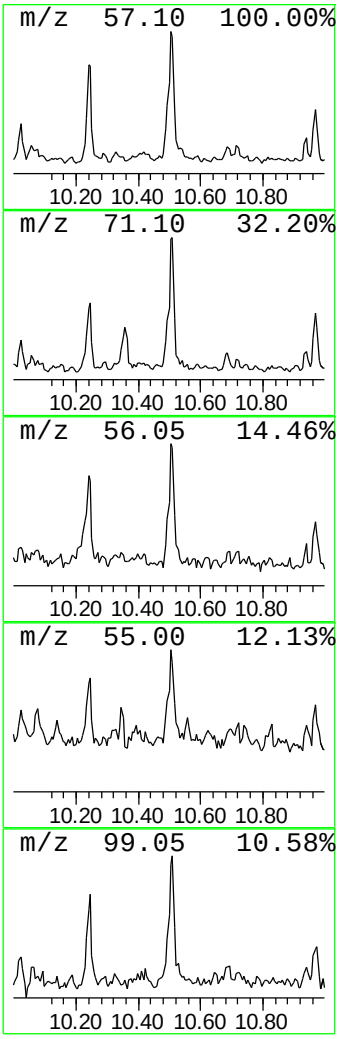
Peak Number 11 Octane, 3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	5.14 ng	213198	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	80
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	59
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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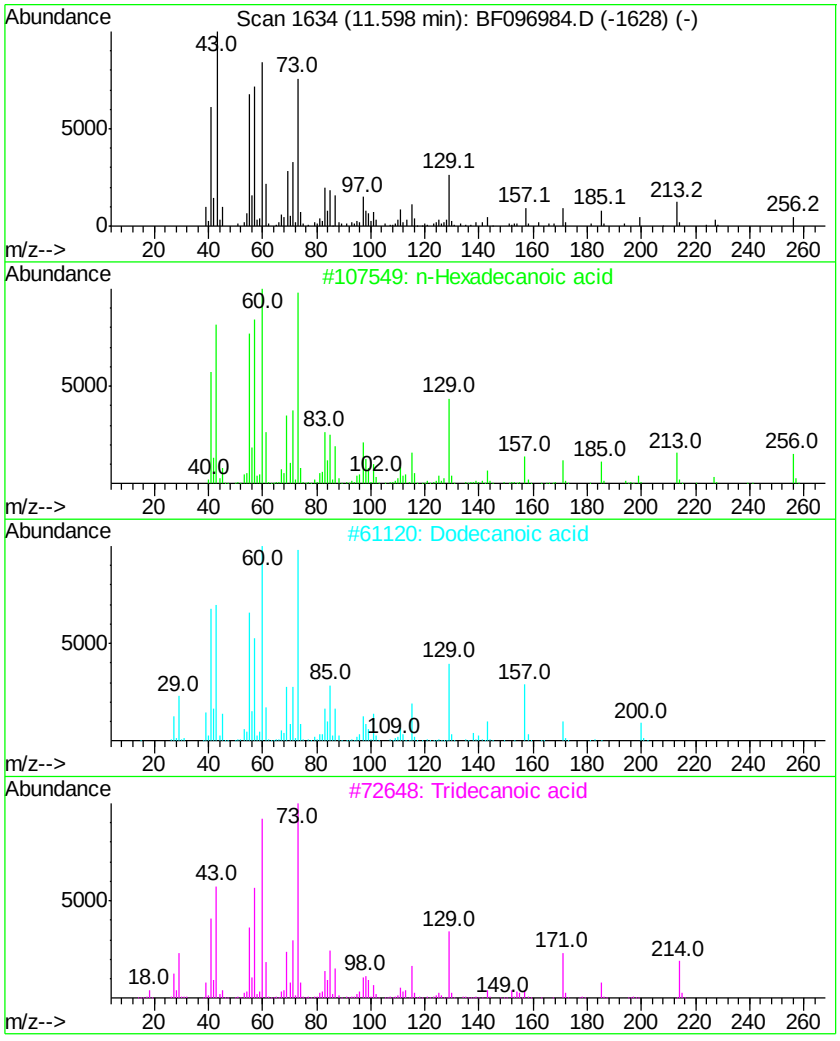
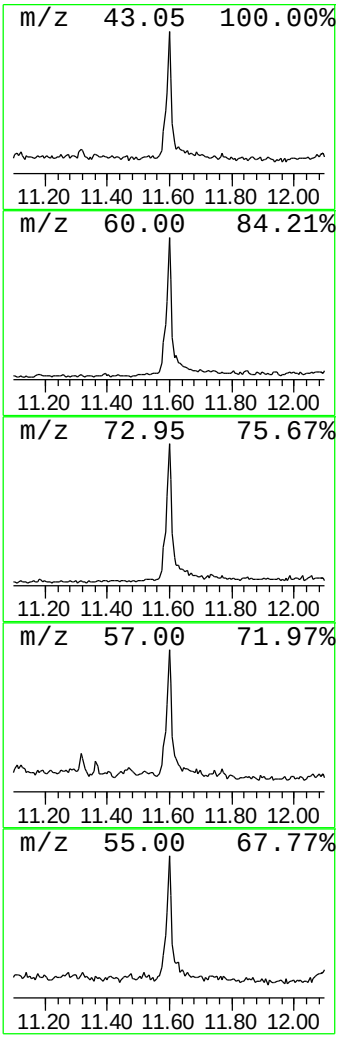
Peak Number 12 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	10.02 ng	415892	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Dodecanoic acid	200	C12H24O2	000143-07-7	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

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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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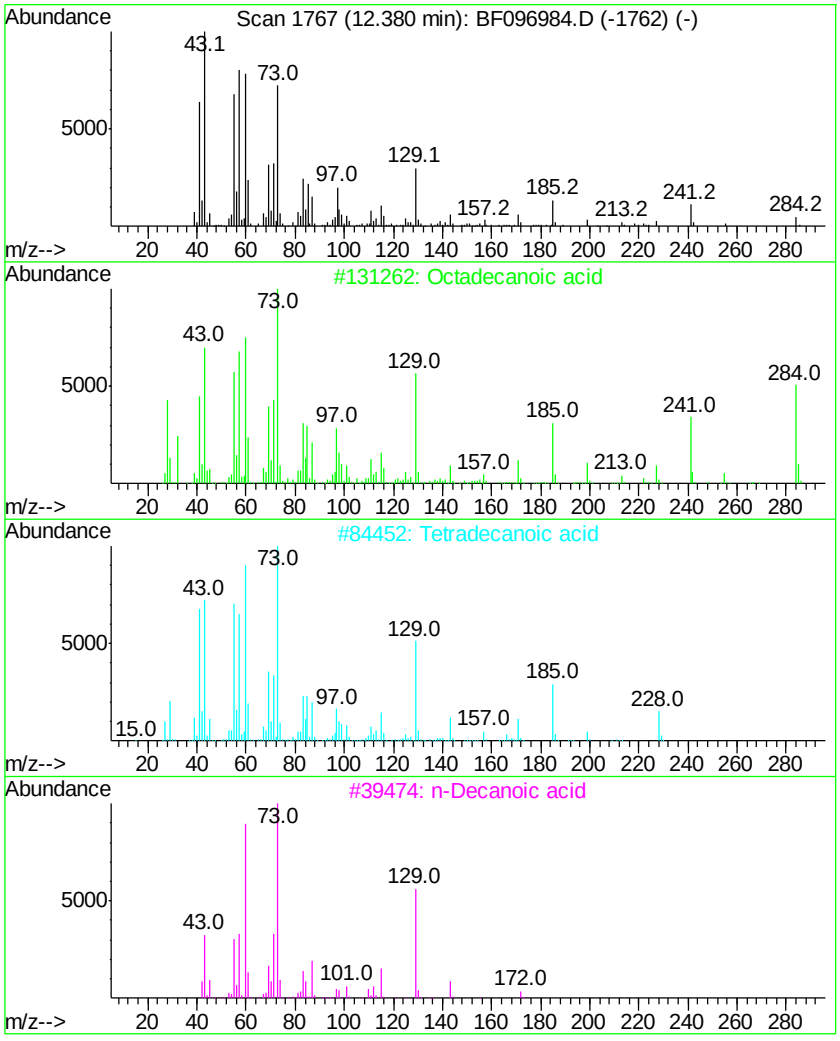
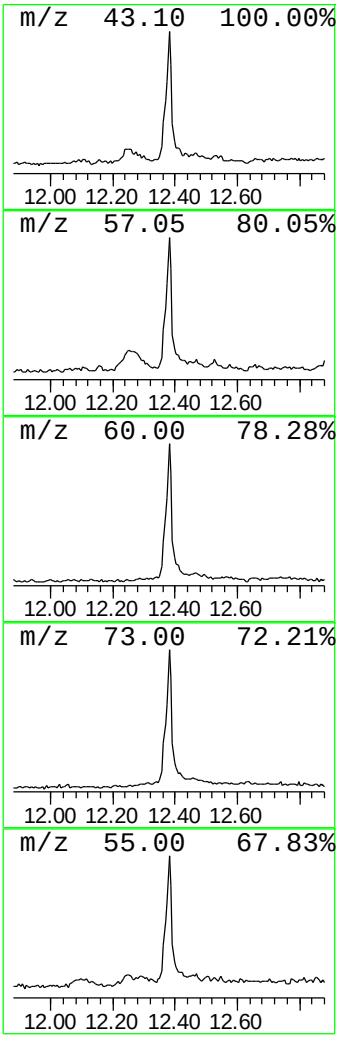
Peak Number 13 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	12.70 ng	595154	Chrysene-d12	13.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	n-Decanoic acid	172	C10H20O2	000334-48-5	55
4	1,3,2-Oxathiaborole, 2-ethyl-	116	C4H9BOS	1000161-40-3	38
5	l-Tyrosinol	167	C9H13NO2	1000131-27-0	25





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ClientSampleId : E2-N5-NWSW

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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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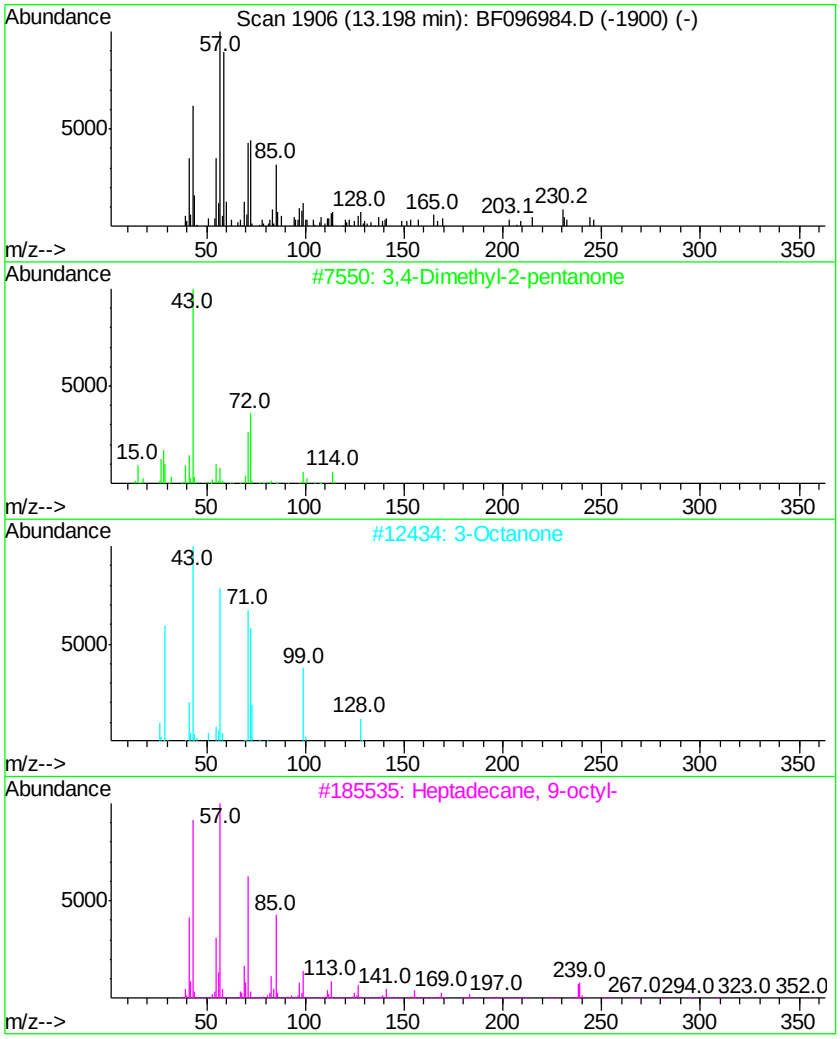
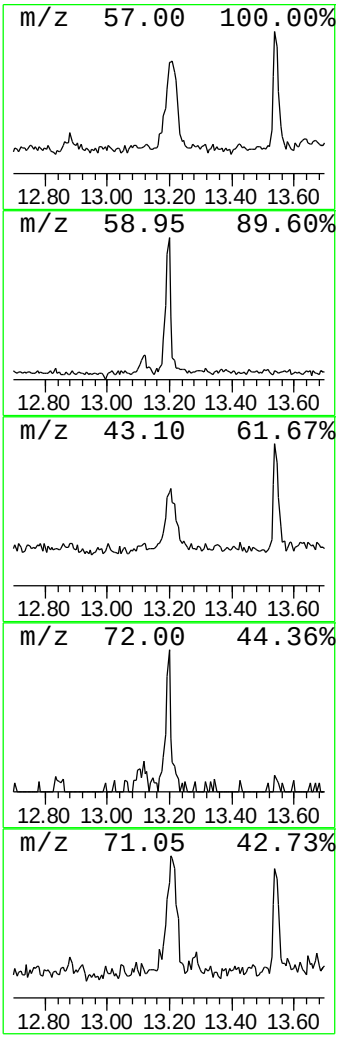
Peak Number 14 unknown13.20 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	3.87 ng	181384	Chrysene-d12	13.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	25
2	3-Octanone	128	C8H16O	000106-68-3	25
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	20
4	Hentriacontane	437	C31H64	000630-04-6	20
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	18





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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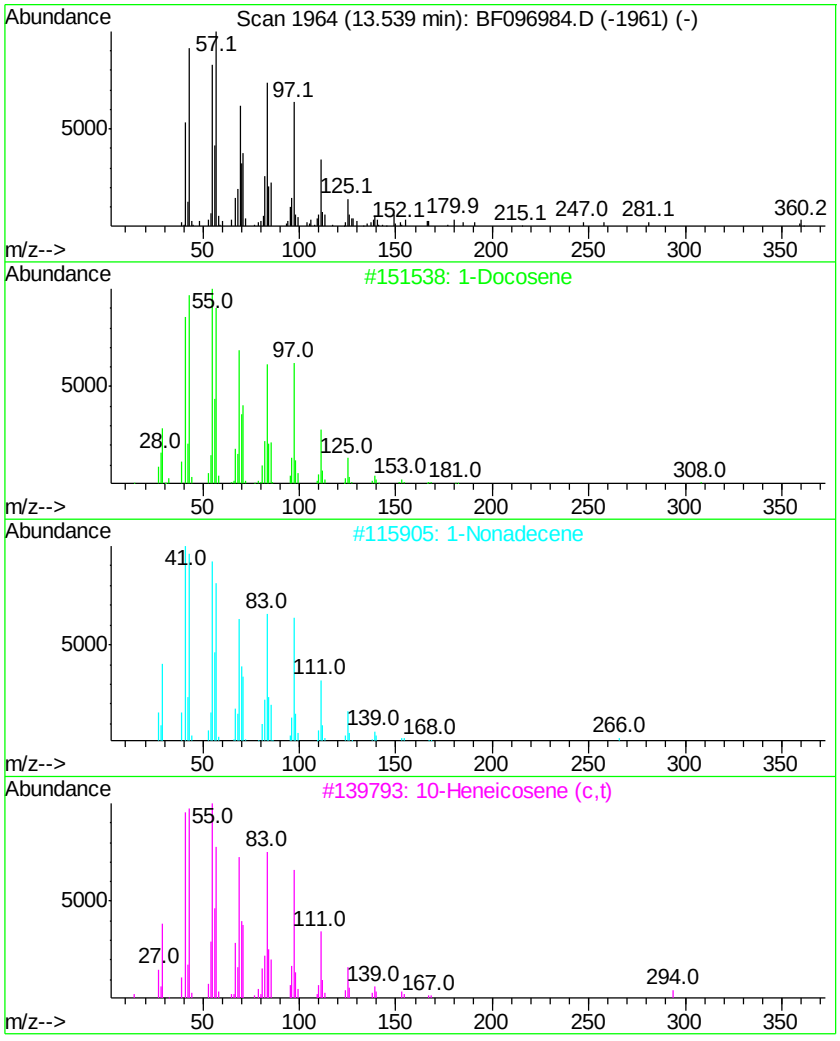
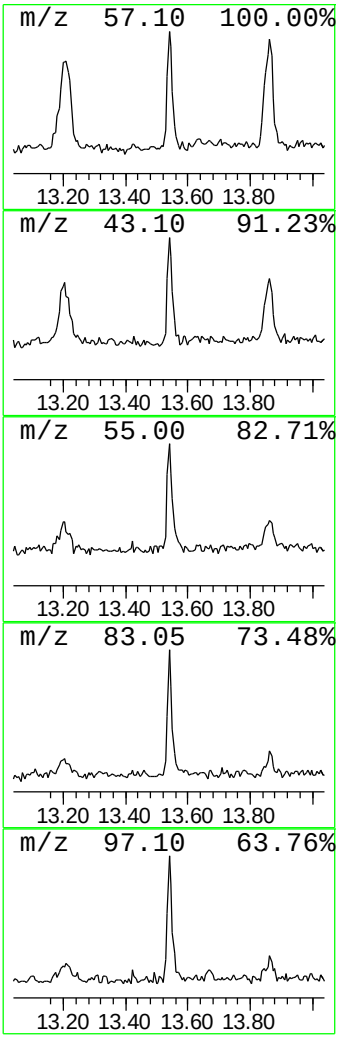
Peak Number 15 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	3.35 ng	156875	Chrysene-d12	13.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





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Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

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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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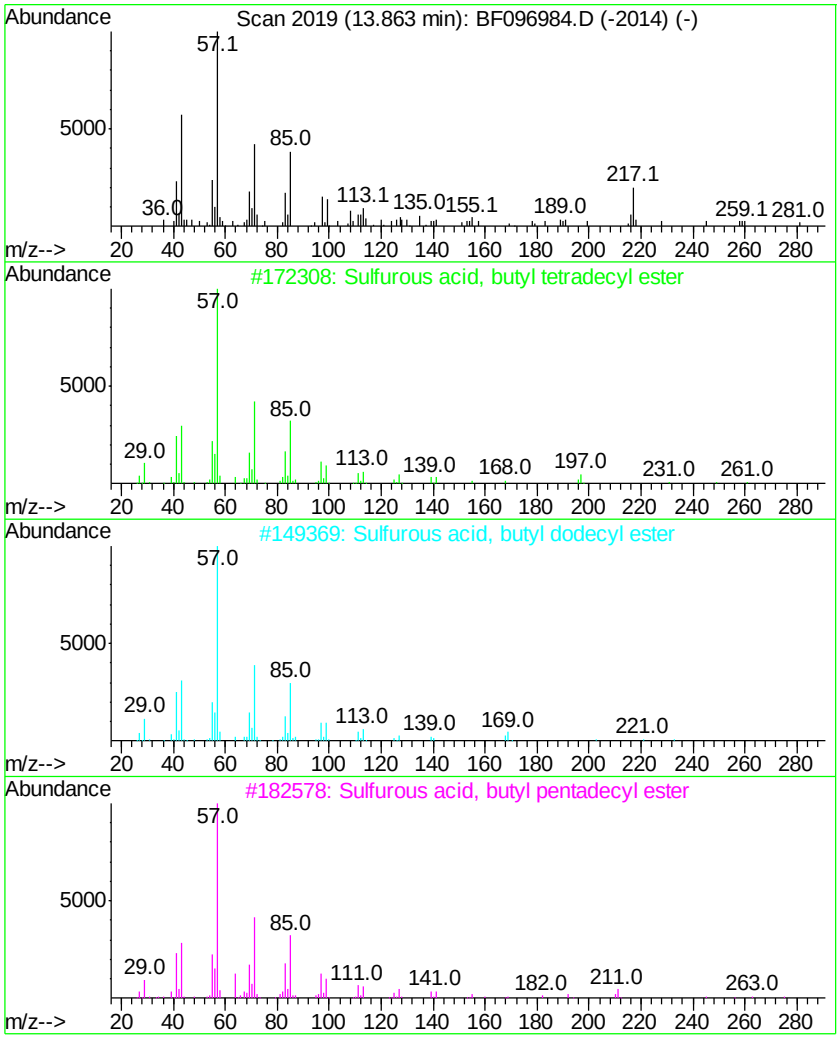
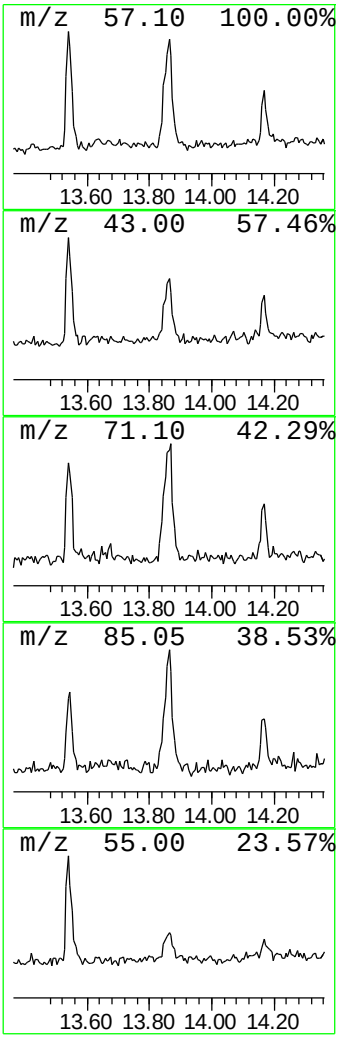
Peak Number 16 Sulfurous acid, butyl tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.07 ng	97013	Chrysene-d12	13.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	72
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
3	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	72
4	Heptadecane	240	C17H36	000629-78-7	64
5	Hentriacontane	437	C31H64	000630-04-6	64





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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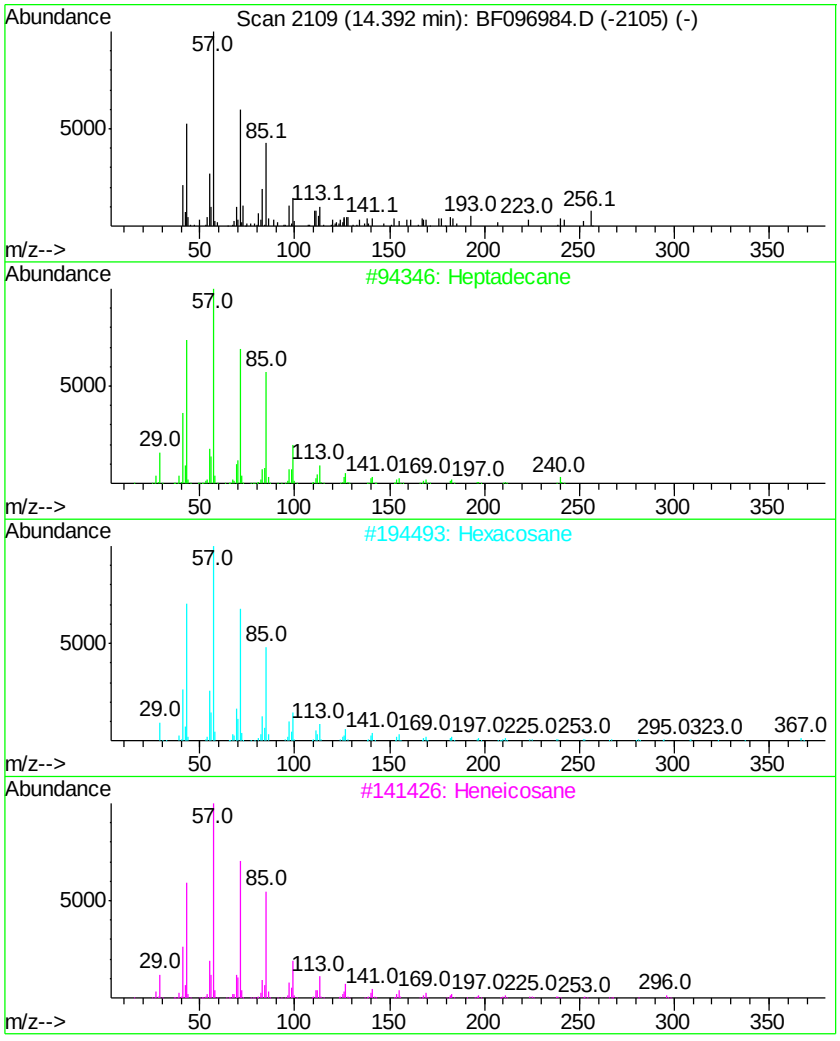
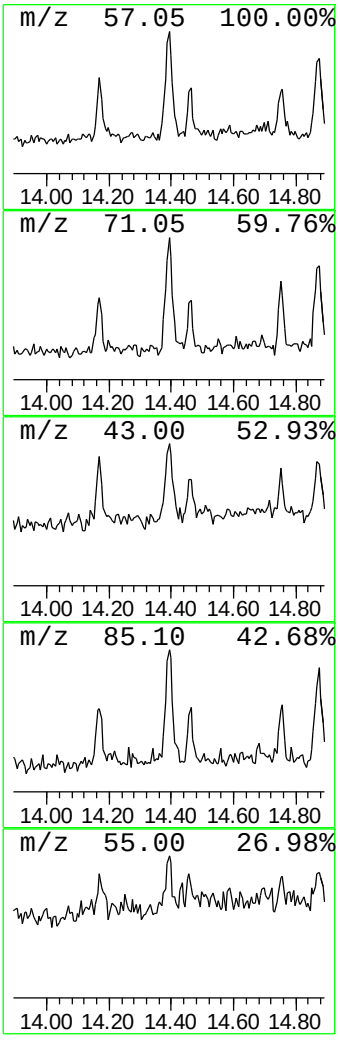
Peak Number 17 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	2.62 ng	77545	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexacosane	366	C26H54	000630-01-3	72
3	Heneicosane	296	C21H44	000629-94-7	64
4	Hexatriacontane	507	C36H74	000630-06-8	59
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58





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Sample : I4370-03
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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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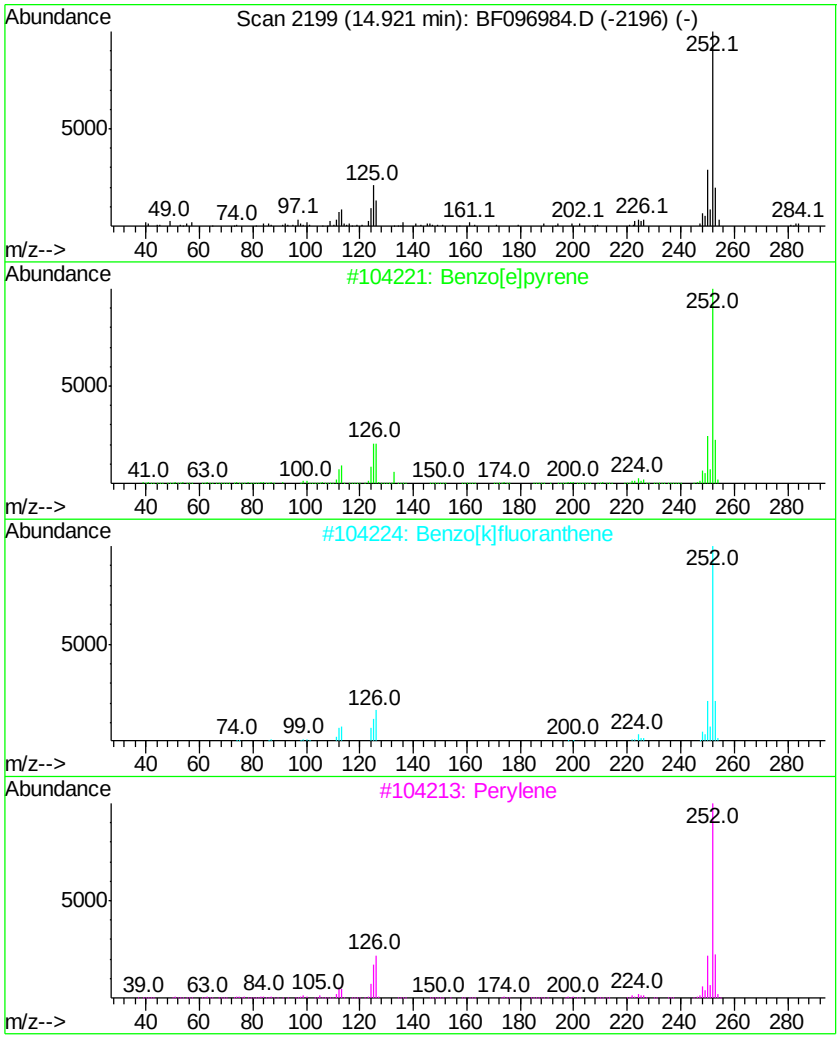
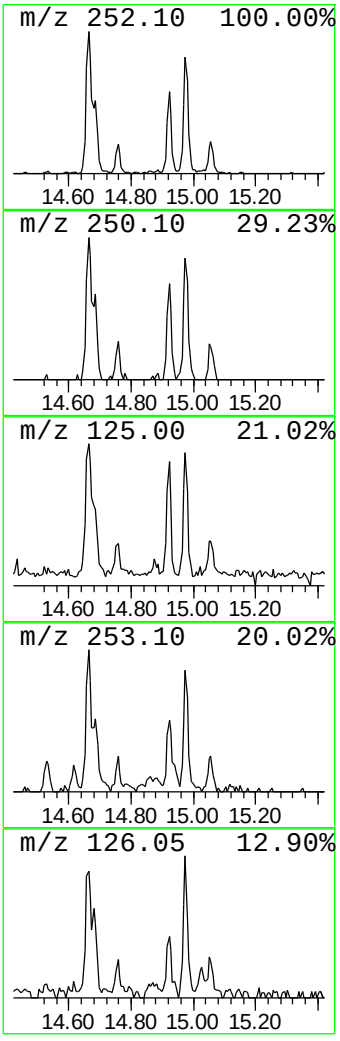
Peak Number 18 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.60 ng	76844	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	86





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Data File : BF096984.D
Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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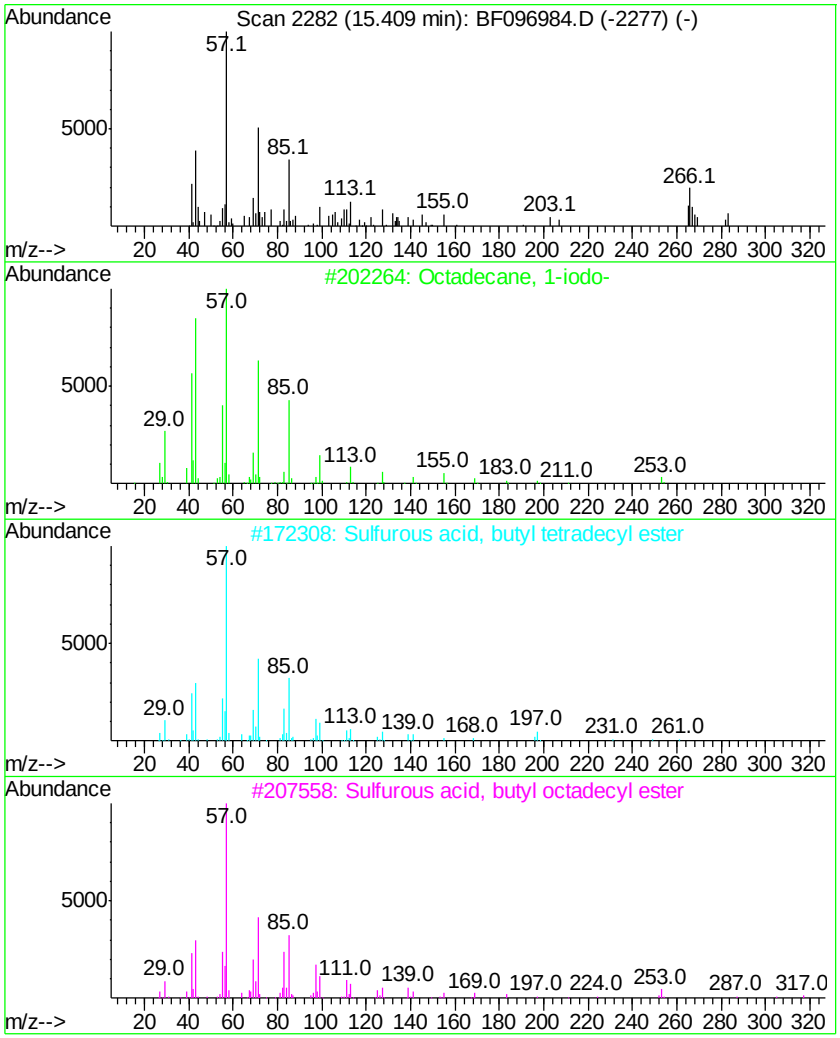
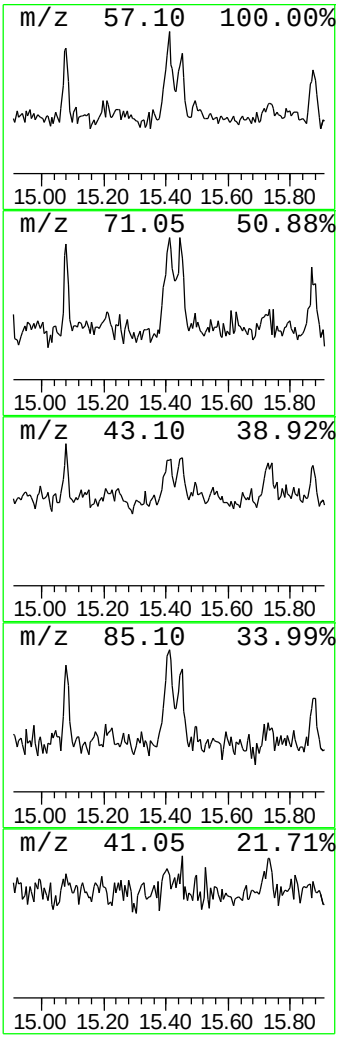
Peak Number 19 Octadecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	2.25 ng	66473	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	52
2	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	50
3	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	50
4	Octadecane	254	C18H38	000593-45-3	50
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF096984.D
Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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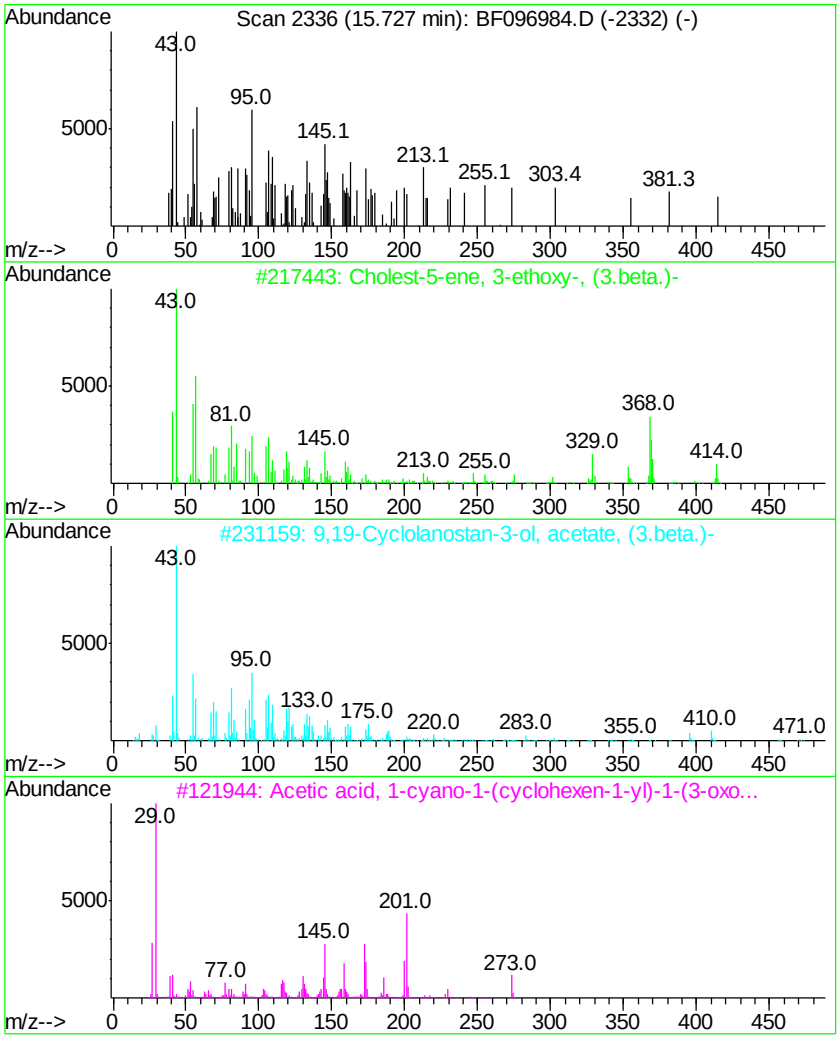
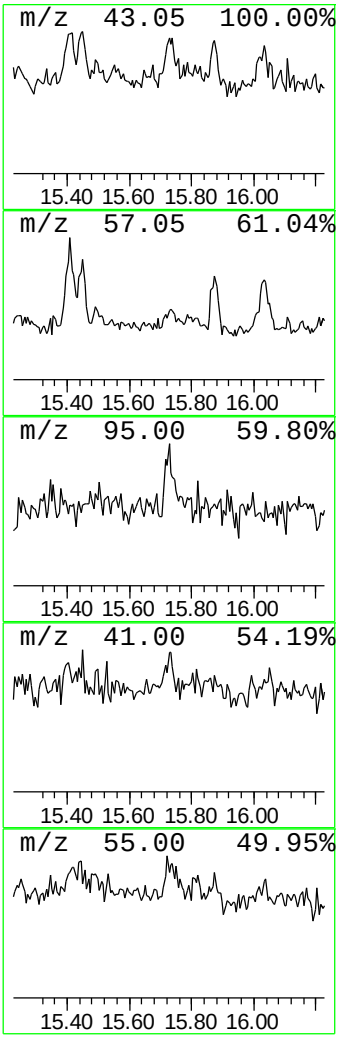
Peak Number 20 unknown15.73 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.68 ng	79390	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	16
2	9,19-Cyclolanostan-3-ol, acetate...	470	C32H54O2	004575-74-0	12
3	Acetic acid, 1-cyano-1-(cyclohex...	273	C16H19NO3	1000155-83-4	10
4	9-Thiabicyclo[3.3.1]nonane, 2,6-...	274	C14H18N4S	1000141-52-1	9
5	3-Chloro-5-cholestene	404	C27H45Cl	096345-96-9	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072417\
Data File : BF096984.D
Acq On : 24 Jul 2017 11:57
Operator : SJ/JU
Sample : I4370-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-NWSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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
Propane, 2-methyl...	4.70	9.6	ng	366932	1	6.54	766776	20.0
Benzene, chloro-	4.78	7.1	ng	272809	1	6.54	766776	20.0
unknown8.27	8.27	2.9	ng	147601	2	7.82	1016130	20.0
Naphthalene, 2,7-...	9.16	2.9	ng	141565	3	9.57	986379	20.0
Naphthalene, 2,3-...	9.23	2.5	ng	123622	3	9.57	986379	20.0
Naphthalene, 2,3,...	9.78	2.7	ng	133063	3	9.57	986379	20.0
Naphthalene, 1,4,...	9.89	2.2	ng	110361	3	9.57	986379	20.0
Undecane, 2,5-dim...	10.24	3.5	ng	170495	3	9.57	986379	20.0
1,4,5,8-Tetrameth...	10.29	2.1	ng	102729	3	9.57	986379	20.0
Octane, 3,5-dimet...	10.50	5.1	ng	213198	4	11.05	829823	20.0
n-Hexadecanoic acid	11.60	10.0	ng	415892	4	11.05	829823	20.0
Octadecanoic acid	12.38	12.7	ng	595154	5	13.67	937566	20.0
unknown13.20	13.20	3.9	ng	181384	5	13.67	937566	20.0
1-Docosene	13.54	3.4	ng	156875	5	13.67	937566	20.0
Sulfurous acid, b...	13.86	2.1	ng	97013	5	13.67	937566	20.0
Heptadecane	14.39	2.6	ng	77545	6	15.03	591729	20.0
Benzo[e]pyrene	14.92	2.6	ng	76844	6	15.03	591729	20.0
Octadecane, 1-iodo-	15.41	2.3	ng	66473	6	15.03	591729	20.0
unknown15.73	15.73	2.7	ng	79390	6	15.03	591729	20.0