LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098976.D
Acq On : 30 Sep 2017 21:30
Operator : SJ/JU
Sample : I5551-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-092917-C

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-BF092317.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	5.528	580	585	596	rVB	570233	506803	28.59%	1.273%
2	6.157	687	692	699	rBV2	145950	262578	14.81%	0.659%
3	6.351	720	725	728	rBV2	121569	167465	9.45%	0.421%
4	6.410	733	735	738	rVB	216074	154199	8.70%	0.387%
5	6.439	738	740	748	rBV3	255296	395942	22.34%	0.994%
6	6.498	748	750	752	rBV	229334	201448	11.36%	0.506%
7	6.534	752	756	759	rVB	563958	518603	29.26%	1.302%
8	6.598	763	767	772	rVB4	145964	189340	10.68%	0.475%
9	6.657	772	777	778	rBV3	170284	228387	12.88%	0.574%
10	6.681	778	781	785	rVB	599934	509802	28.76%	1.280%
11	6.745	789	792	795	rBV	953015	838653	47.31%	2.106%
12	6.875	811	814	815	rBV2	103926	99356	5.61%	0.250%
13	6.916	818	821	824	rVB2	1164387	1096892	61.88%	2.755%
14	6.969	827	830	833	rVB2	339571	335512	18.93%	0.843%
15	7.022	833	839	842	rBV2	193035	214840	12.12%	0.540%
16	7.069	842	847	850	rBV2	636452	881941	49.75%	2.215%
17	7.139	857	859	861	rBV	173013	139266	7.86%	0.350%
18	7.163	861	863	864	rBV2	139233	120333	6.79%	0.302%
19	7.186	864	867	869	rVB	699781	572073	32.27%	1.437%
20	7.216	869	872	873	rBV	315939	276267	15.59%	0.694%
21	7.234	873	875	876	rVV	238901	202748	11.44%	0.509%
22	7.245	876	877	881	rVB	539148	410713	23.17%	1.031%
23	7.292	881	885	887	rBV	564885	628259	35.44%	1.578%
24	7.339	890	893	897	rVB5	134089	198635	11.21%	0.499%
25	7.398	897	903	906	rBV2	146679	262313	14.80%	0.659%
26	7.445	906	911	914	rBV2	590725	741331	41.82%	1.862%
27	7.475	914	916	917	rBV	233152	184384	10.40%	0.463%
28	7.504	917	921	925	rVB	1807585	1772626	100.00%	4.452%
29	7.557	925	930	933	rBV5	487356	720580	40.65%	1.810%
30	7.616	933	940	944	rBV5	324319	814549	45.95%	2.046%
31	7.663	944	948	950	rBV3	113125	155424	8.77%	0.390%
32	7.686	950	952	954	rBV2	346556	275520	15.54%	0.692%
33	7.710	954	956	960	rVB2	295512	377431	21.29%	0.948%
34	7.739	960	961	964	rVB	147040	96925	5.47%	0.243%

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Sample : I5551-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-092917-C

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.792	966	970	972	rBV3	252817	347450	19.60%	0.873%
36	7.816	972	974	976	rVB	327320	229120	12.93%	0.575%
37	7.839	976	978	981	rBV4	260926	298094	16.82%	0.749%
38	7.875	981	984	987	rVB2	437685	509435	28.74%	1.279%
39	7.904	987	989	992	rBV2	452943	458760	25.88%	1.152%
40	7.939	992	995	997	rBV2	827646	728891	41.12%	1.830%
41	7.963	997	999	1000	rVB	197338	122337	6.90%	0.307%
42	7.986	1000	1003	1004	rBV	364876	266230	15.02%	0.669%
43	8.010	1004	1007	1010	rVB3	284461	292629	16.51%	0.735%
44	8.039	1010	1012	1014	rVB	341836	243273	13.72%	0.611%
45	8.069	1014	1017	1019	rVB2	293834	295542	16.67%	0.742%
46	8.098	1019	1022	1025	rBV	164924	175058	9.88%	0.440%
47	8.145	1025	1030	1031	rBV4	224725	293058	16.53%	0.736%
48	8.175	1031	1035	1037	rBV	1454875	1301543	73.42%	3.268%
49	8.198	1037	1039	1042	rVV	996196	762578	43.02%	1.915%
50	8.251	1044	1048	1051	rVB2	1043622	987250	55.69%	2.479%
51	8.281	1051	1053	1056	rBV2	339040	360989	20.36%	0.907%
52	8.345	1061	1064	1066	rBV3	202667	241946	13.65%	0.608%
53	8.398	1070	1073	1075	rVB3	364209	362866	20.47%	0.911%
54	8.445	1078	1081	1084	rBV3	126708	127666	7.20%	0.321%
55	8.486	1084	1088	1092	rVB3	717132	818791	46.19%	2.056%
56	8.533	1093	1096	1099	rBV4	319836	306260	17.28%	0.769%
57	8.569	1099	1102	1106	rVB3	443921	486751	27.46%	1.222%
58	8.610	1106	1109	1111	rBV	1045160	804003	45.36%	2.019%
59	8.633	1111	1113	1116	rBV	203291	162903	9.19%	0.409%
60	8.663	1116	1118	1121	rVB2	178036	151198	8.53%	0.380%
61	8.698	1121	1124	1127	rBV	551023	508958	28.71%	1.278%
62	8.739	1127	1131	1133	rBV3	142127	173206	9.77%	0.435%
63	8.781	1135	1138	1142	rVB	1426133	1136297	64.10%	2.854%
64	8.828	1142	1146	1147	rBV4	148221	163915	9.25%	0.412%
65	8.857	1149	1151	1153	rBV2	209235	169304	9.55%	0.425%
66	8.945	1163	1166	1168	rBV3	145787	127606	7.20%	0.320%
67	8.975	1168	1171	1173	rVV4	159171	207070	11.68%	0.520%
68	9.022	1176	1179	1181	rVV2	427465	409361	23.09%	1.028%
69	9.063	1183	1186	1187	rVV2	361273	343746	19.39%	0.863%
70	9.081	1187	1189	1190	rVV	278898	235444	13.28%	0.591%
71	9.110	1190	1194	1196	rVV3	318266	419666	23.67%	1.054%

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Misc :
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Instrument : BNA_F
ClientSampleId : JC-03-092917-C

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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72	9.145	1196	1200	1204	rVV4	452776	529387	29.86%	1.329%
73	9.186	1204	1207	1209	rVV	341152	283617	16.00%	0.712%
74	9.210	1209	1211	1213	rVV	764681	572810	32.31%	1.438%
75	9.233	1213	1215	1218	rVB2	174006	171303	9.66%	0.430%
76	9.269	1218	1221	1226	rBV	700070	612064	34.53%	1.537%
77	9.345	1231	1234	1237	rBV	1085416	931849	52.57%	2.340%
78	9.386	1239	1241	1245	rVV4	161118	185936	10.49%	0.467%
79	9.422	1245	1247	1250	rVB	309712	230061	12.98%	0.578%
80	9.533	1263	1266	1269	rVV2	81848	93051	5.25%	0.234%
81	9.604	1272	1278	1280	rVV4	192109	344846	19.45%	0.866%
82	9.622	1280	1281	1284	rVV3	180801	156911	8.85%	0.394%
83	9.663	1284	1288	1291	rVV2	574972	722434	40.76%	1.814%
84	9.686	1291	1292	1296	rVV2	230854	211274	11.92%	0.531%
85	9.728	1296	1299	1301	rVV3	192548	188415	10.63%	0.473%
86	9.875	1321	1324	1328	rVB	566300	465424	26.26%	1.169%
87	9.957	1335	1338	1341	rVB	912484	766697	43.25%	1.925%
88	10.104	1360	1363	1366	rVV2	79673	120594	6.80%	0.303%
89	10.192	1375	1378	1383	rBV4	107283	140946	7.95%	0.354%
90	10.375	1404	1409	1412	rBV	241726	213190	12.03%	0.535%
91	10.592	1441	1446	1449	rBV	90452	121894	6.88%	0.306%
92	10.739	1469	1471	1476	rBV	190548	159152	8.98%	0.400%
93	10.845	1486	1489	1494	rBV	147529	190202	10.73%	0.478%
94	11.439	1587	1590	1593	rBV	760565	702487	39.63%	1.764%
95	12.516	1770	1773	1777	rVB2	100556	108902	6.14%	0.273%
96	12.651	1793	1796	1802	rBV	104781	106535	6.01%	0.268%
97	12.886	1833	1836	1842	rVB	179518	164963	9.31%	0.414%
98	13.021	1855	1859	1862	rBV	496668	413981	23.35%	1.040%
99	14.080	2035	2039	2042	rBV	772206	715294	40.35%	1.796%
100	15.580	2290	2294	2307	rVB	430980	616294	34.77%	1.548%

Sum of corrected areas: 39820845

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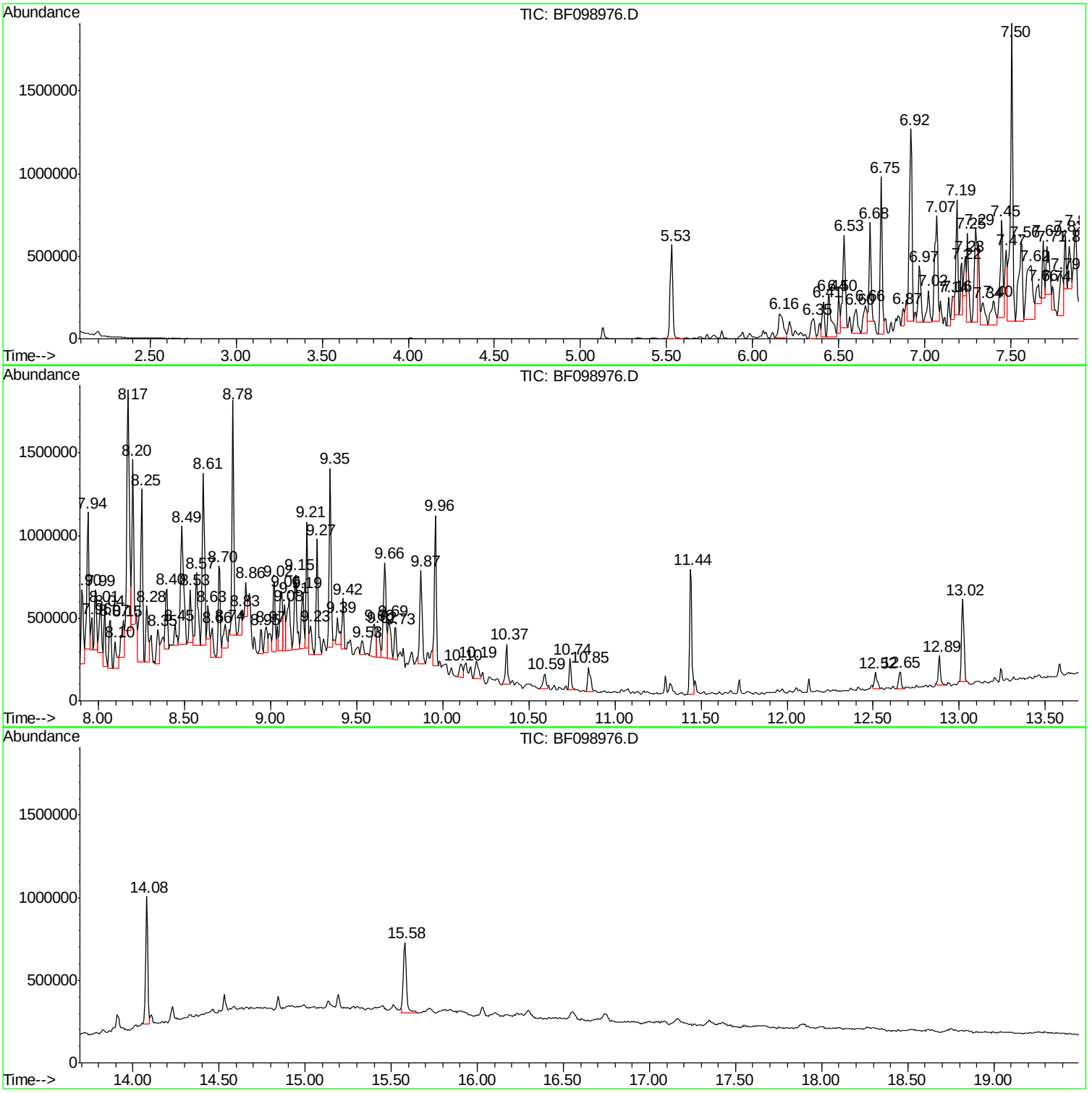
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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Instrument : BNA_F
ClientSampleId : JC-03-092917-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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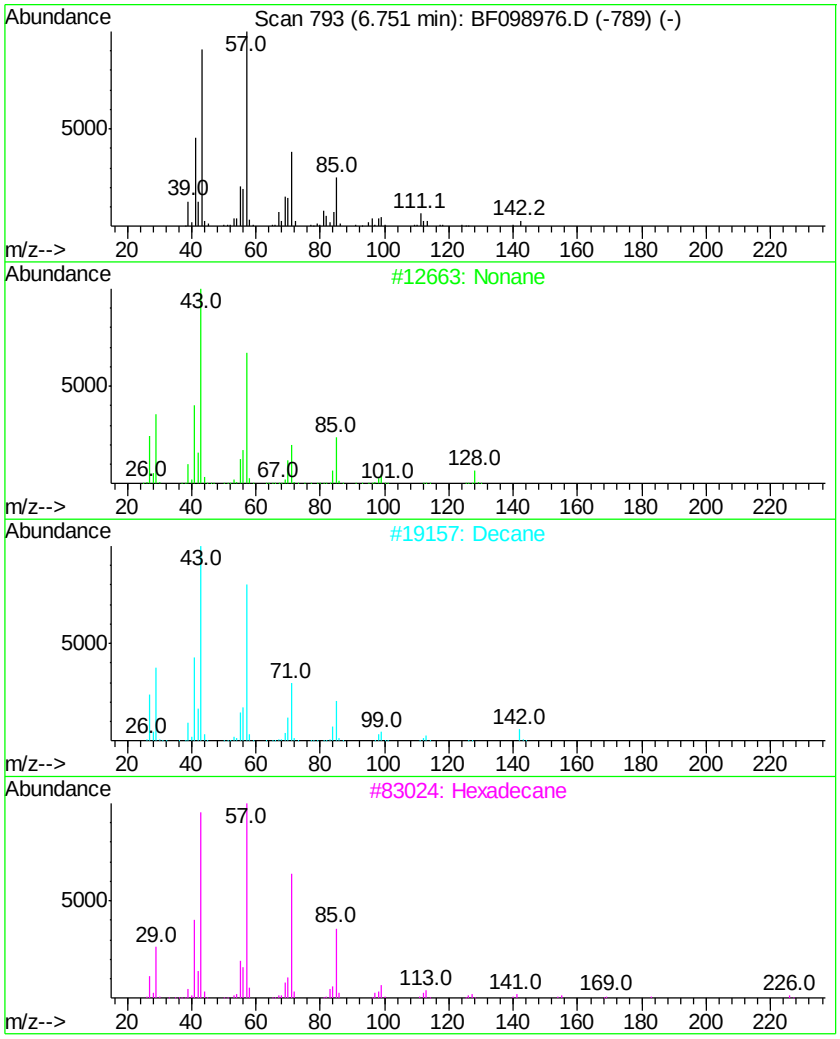
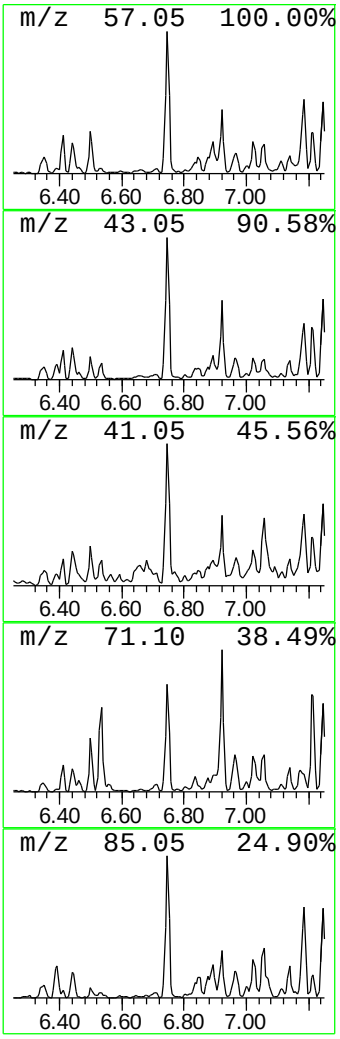
****

Peak Number 1 Nonane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	15.29 ng	838653	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Decane	142	C10H22	000124-18-5	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tridecane	184	C13H28	000629-50-5	78
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78





Library Search Compound Report

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Sample : I5551-07 5X
Misc :
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Instrument : BNA_F
ClientSampleId : JC-03-092917-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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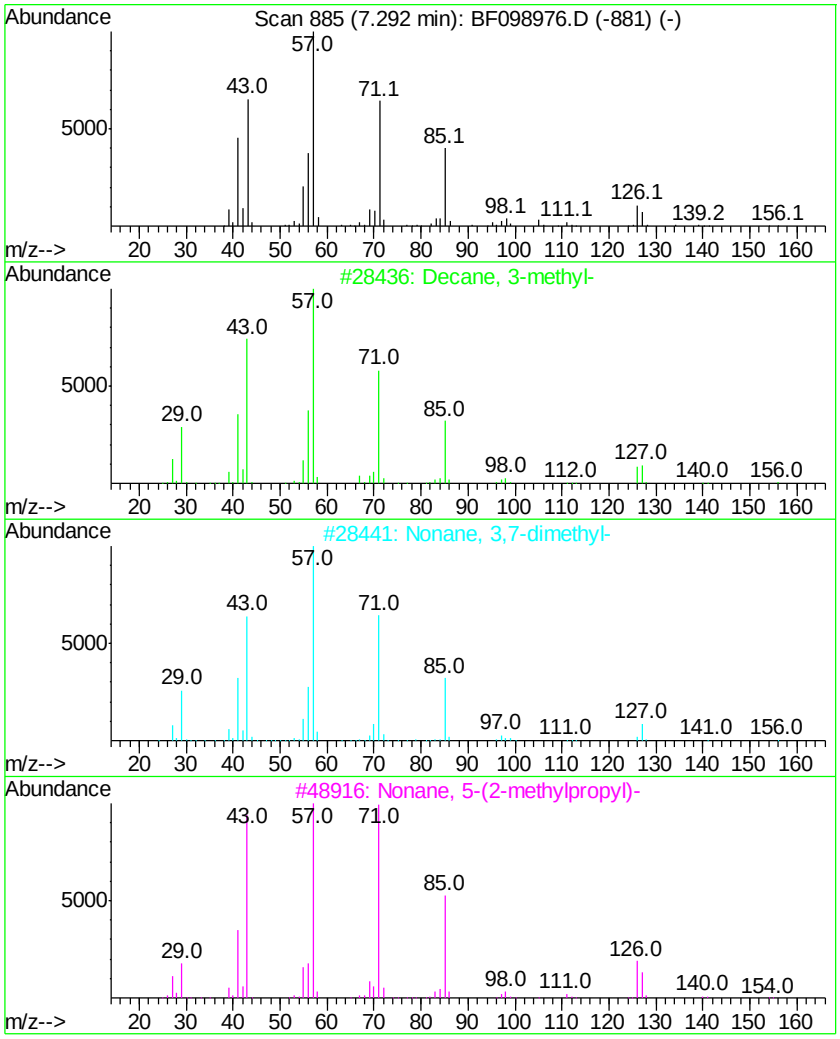
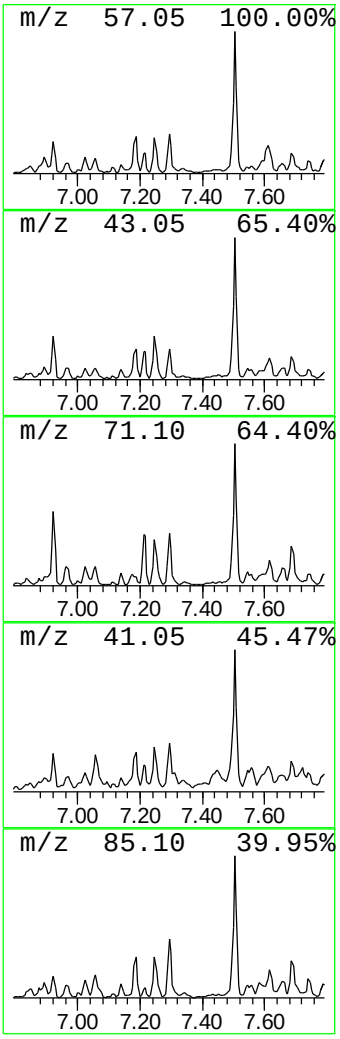
****

Peak Number 3 Decane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	11.46 ng	628259	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	90
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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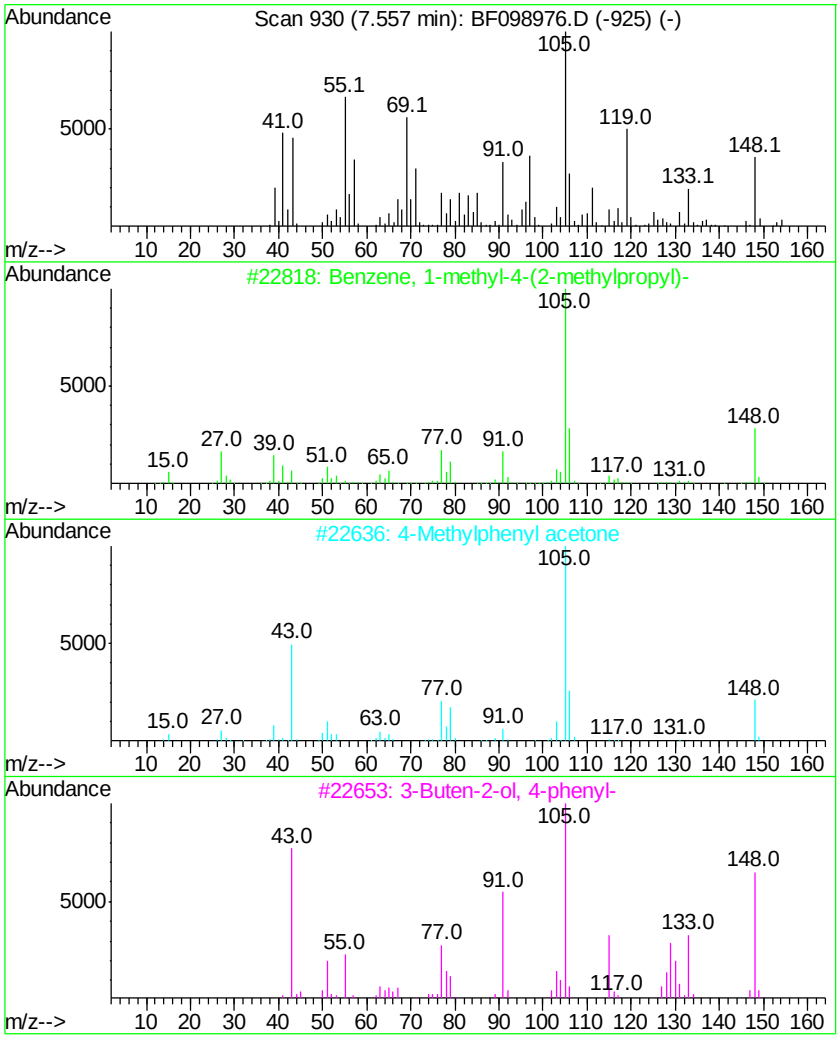
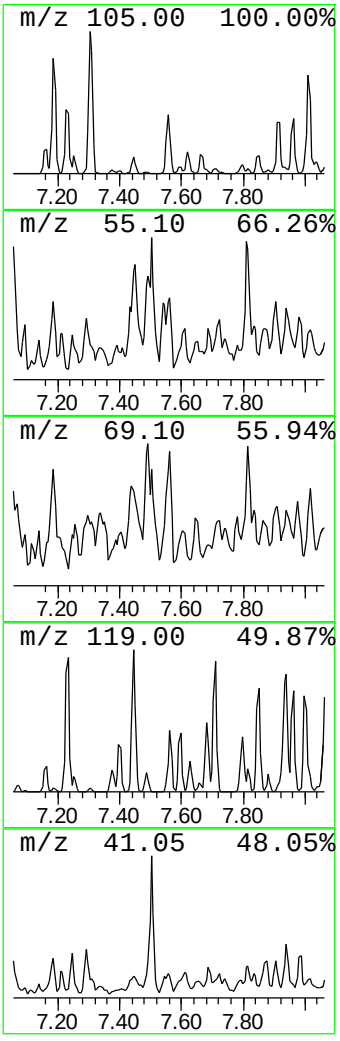
Peak Number 4 unknown7.56 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	13.14 ng	720580	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	38
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
3	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	25
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	18
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	14





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

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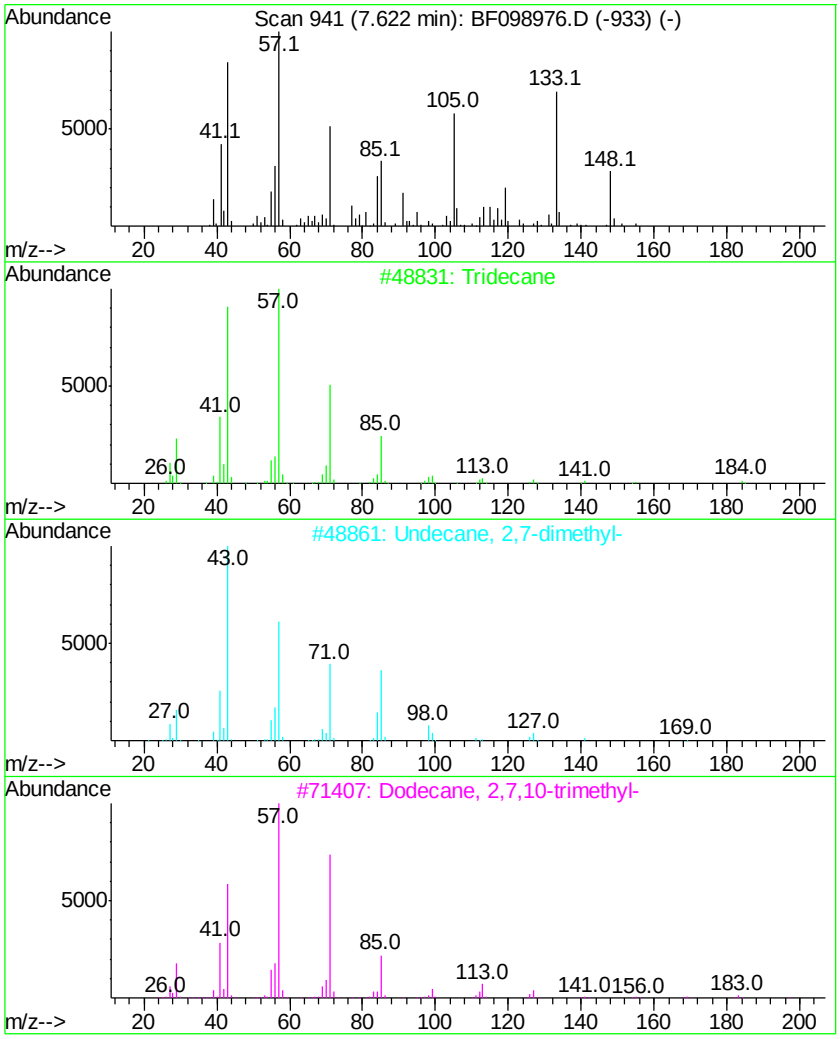
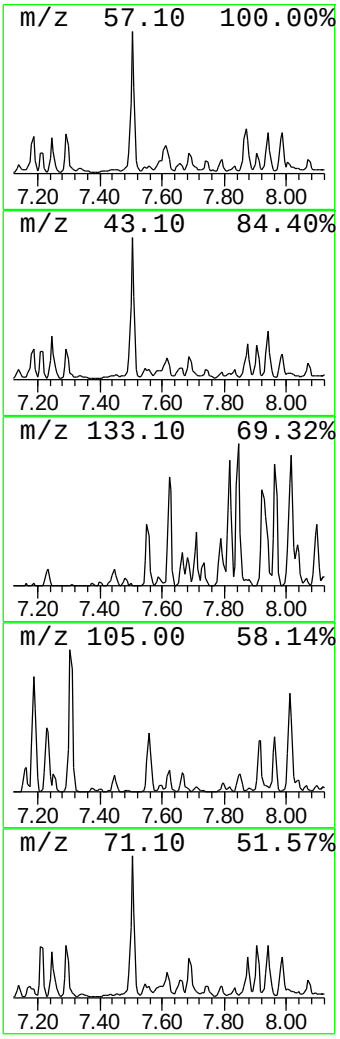
Peak Number 5 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	21.36 ng	814549	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	50
2	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	50
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	47
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43
5	Hexadecane	226	C16H34	000544-76-3	43





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Sample : I5551-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-092917-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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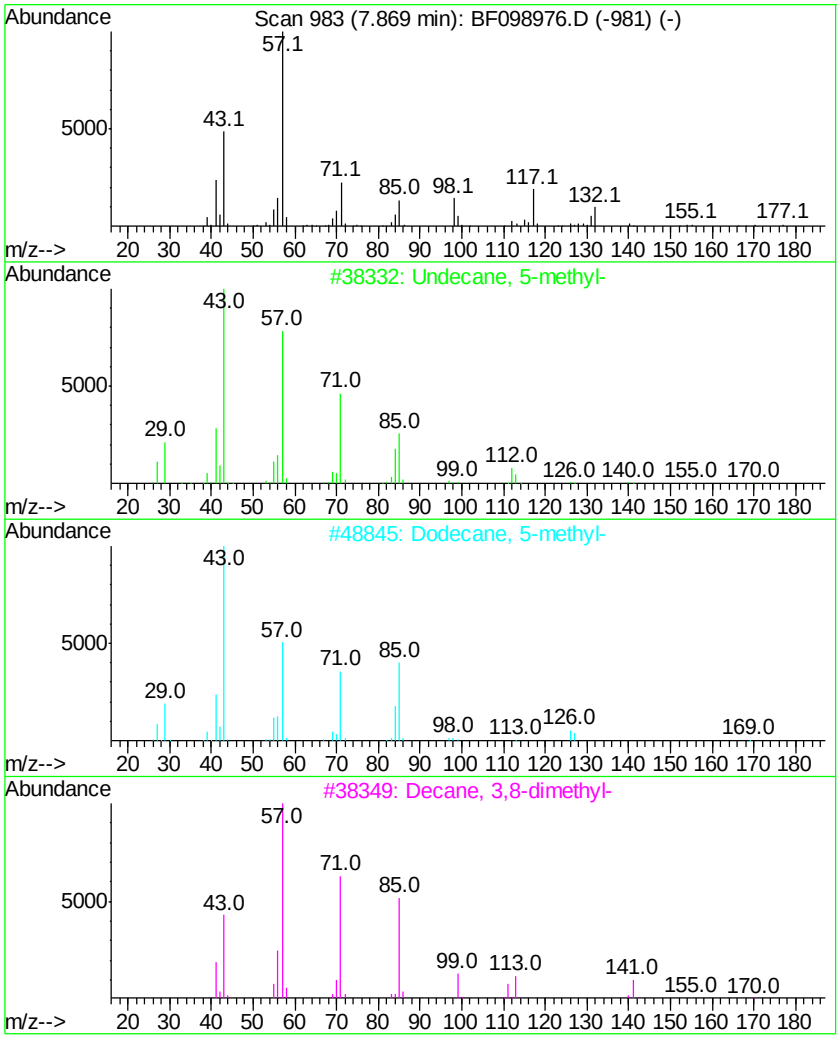
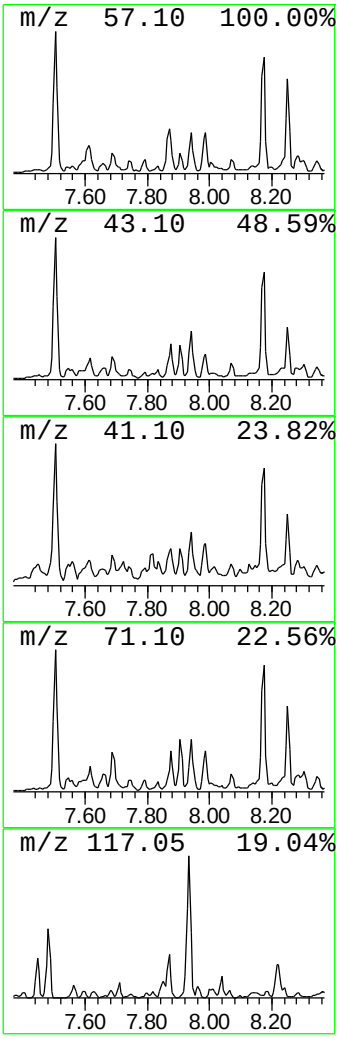
Peak Number 6 Undecane, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	13.36 ng	509435	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	76
2	Dodecane, 5-methyl-	184	C13H28	017453-93-9	72
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098976.D
Acq On : 30 Sep 2017 21:30
Operator : SJ/JU
Sample : I5551-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-092917-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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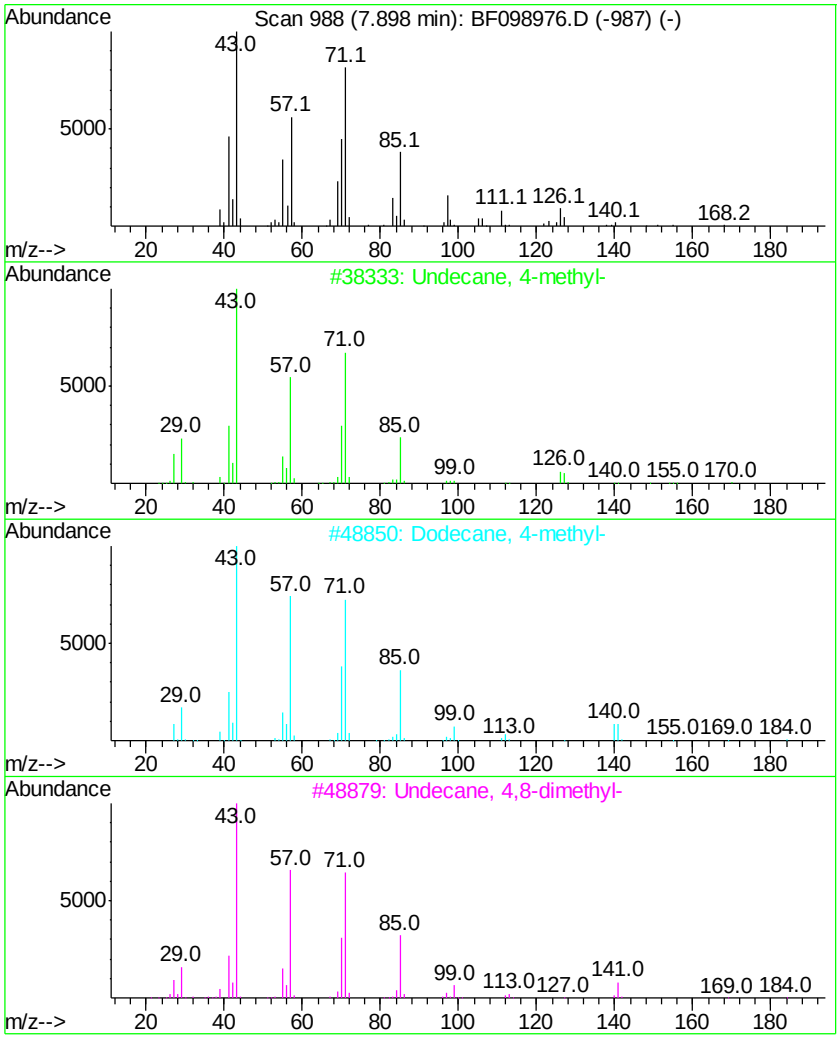
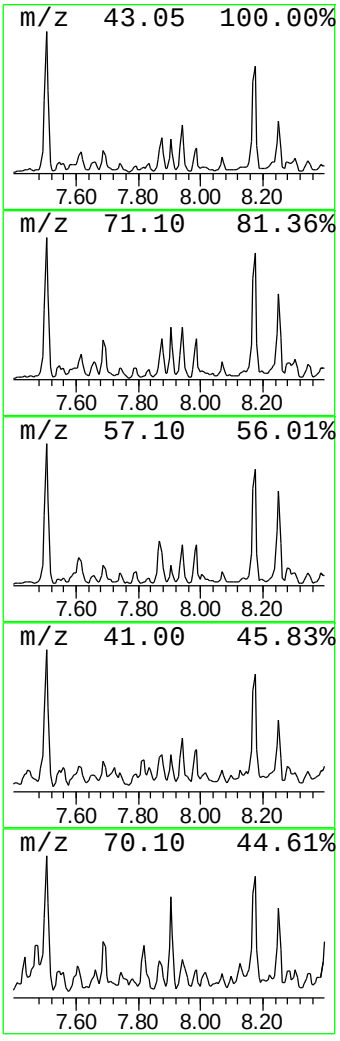
Peak Number 7 Undecane, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	12.03 ng	458760	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	72
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64
4	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	53





Library Search Compound Report

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Acq On : 30 Sep 2017 21:30
Operator : SJ/JU
Sample : I5551-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-092917-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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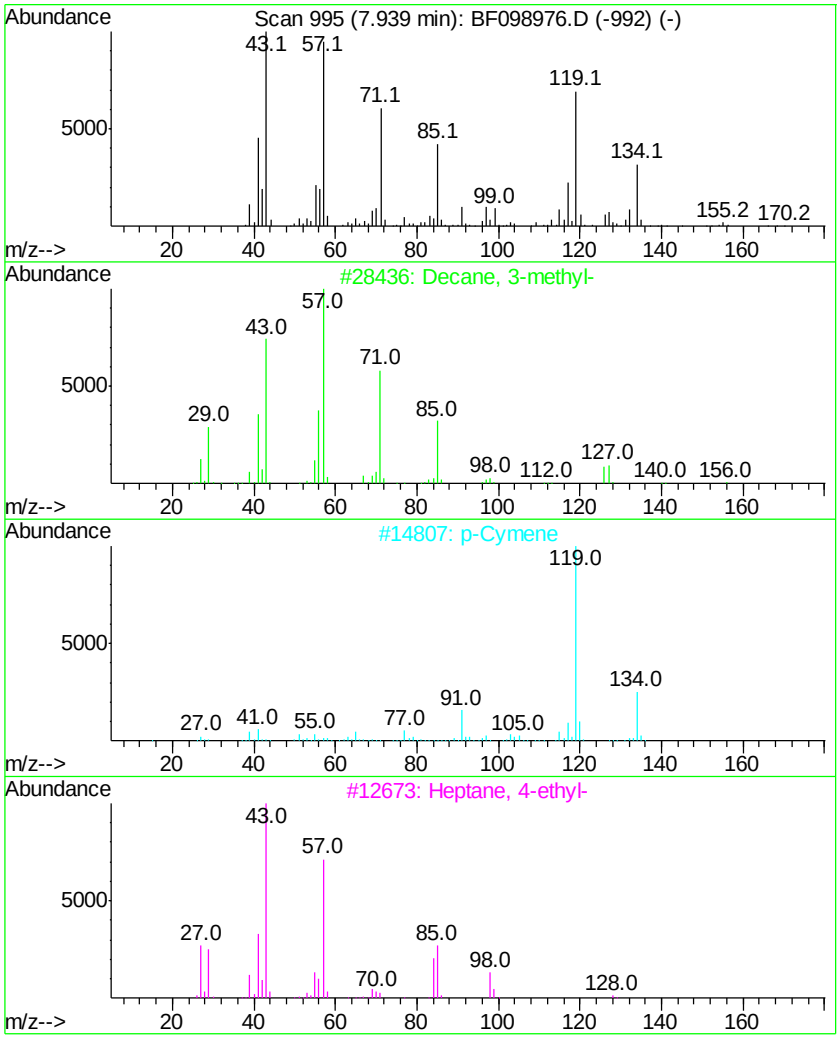
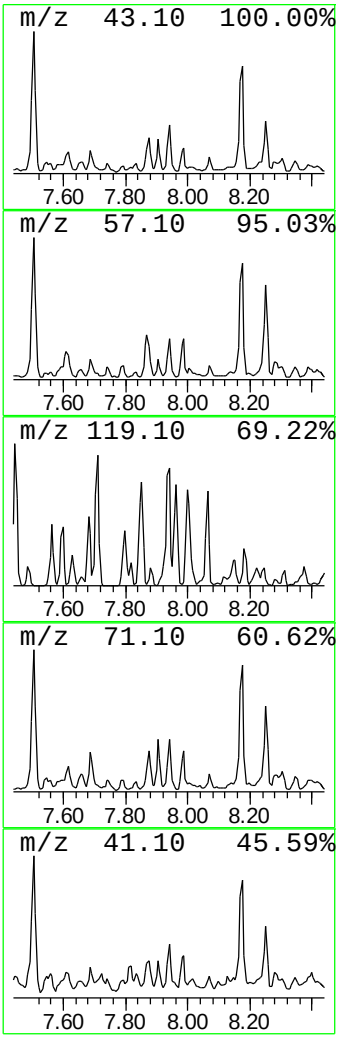
Peak Number 8 unknown7.94 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	19.12 ng	728891	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	38
2	p-Cymene	134	C10H14	000099-87-6	25
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	25
4	Decane, 2-methyl-	156	C11H24	006975-98-0	25
5	o-Cymene	134	C10H14	000527-84-4	20





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Operator : SJ/JU
Sample : I5551-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-092917-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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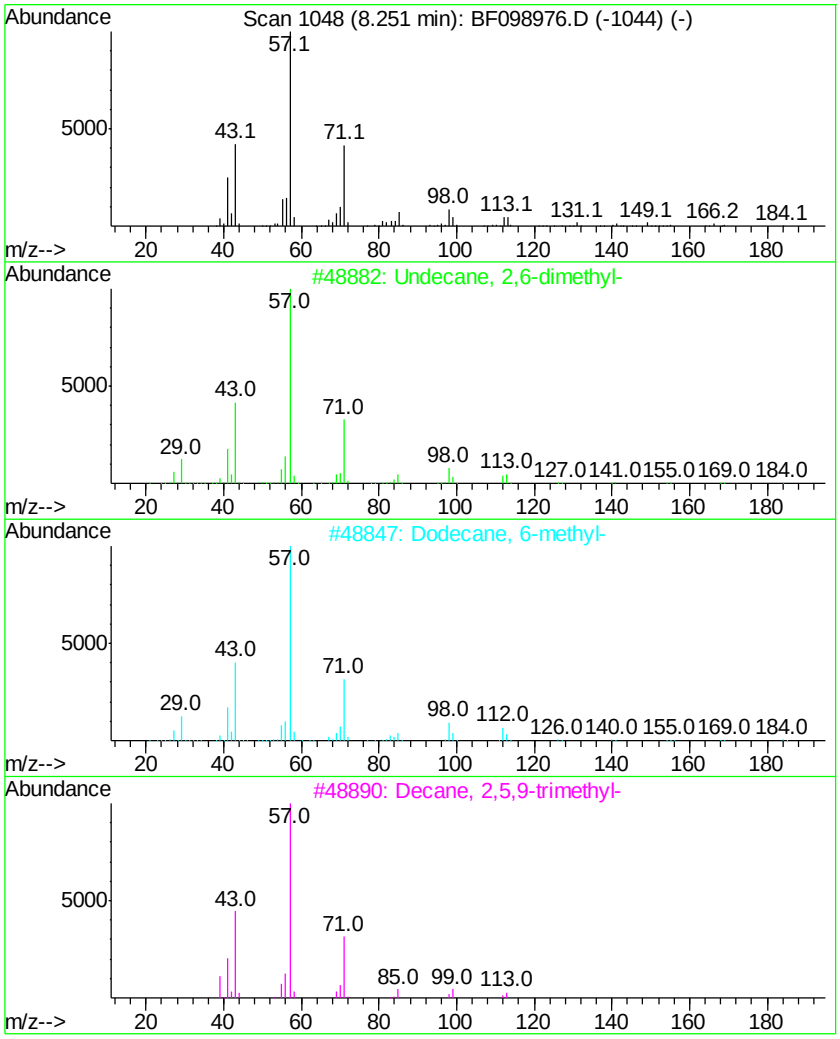
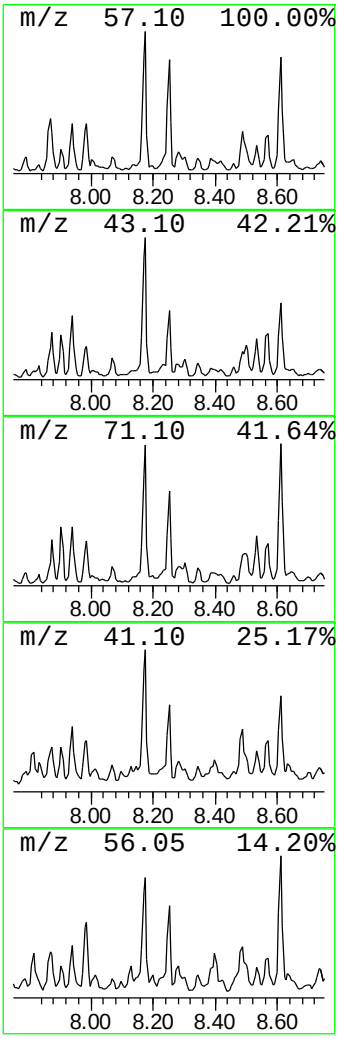
Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	25.89 ng	987250	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	72
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72





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Acq On : 30 Sep 2017 21:30
Operator : SJ/JU
Sample : I5551-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-092917-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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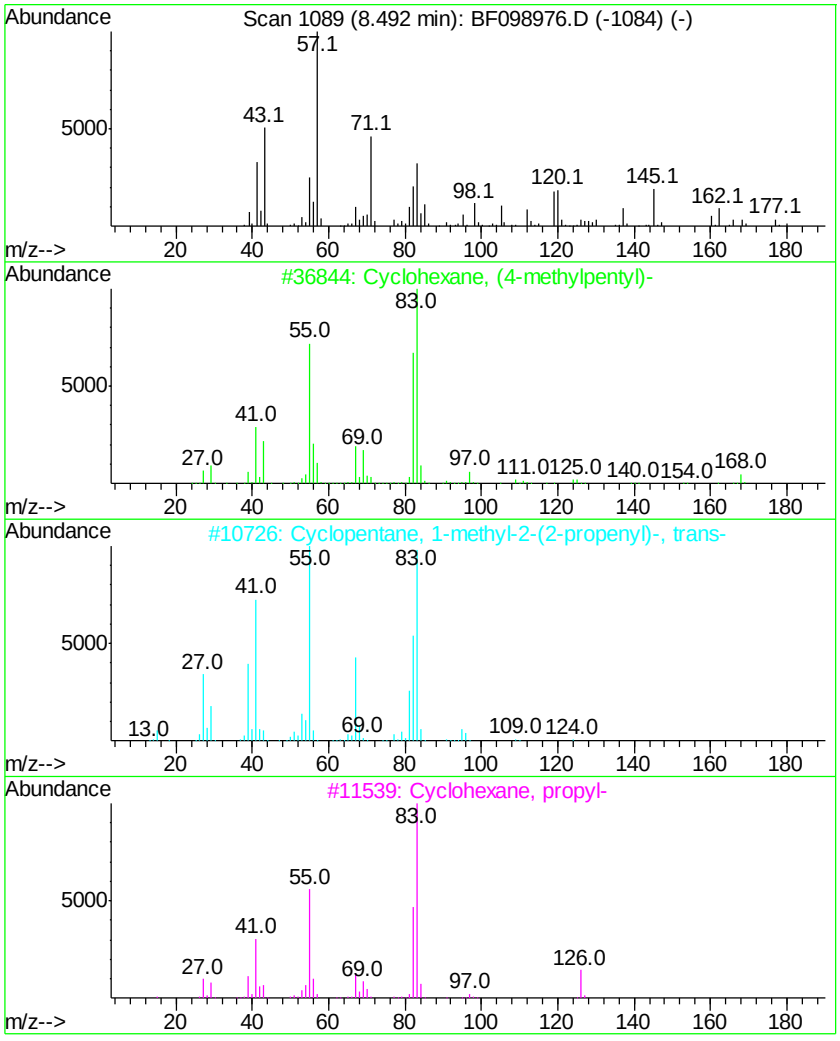
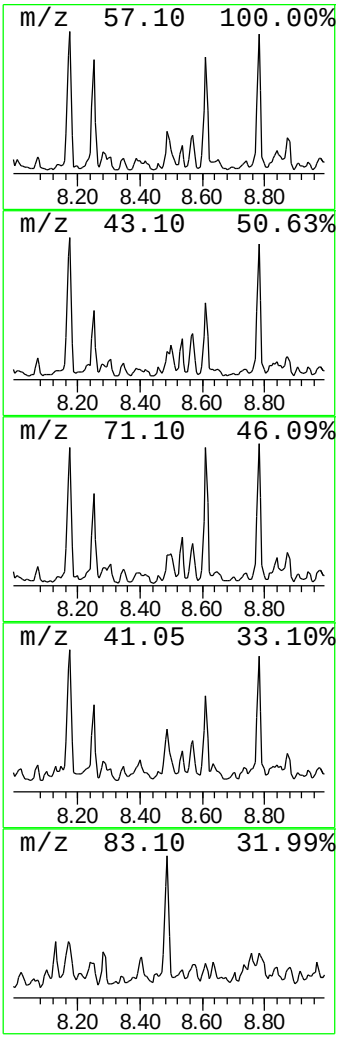
Peak Number 10 Cyclohexane, (4-methylpentyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	21.47 ng	818791	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	50
2	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	45
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38





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Operator : SJ/JU
Sample : I5551-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-092917-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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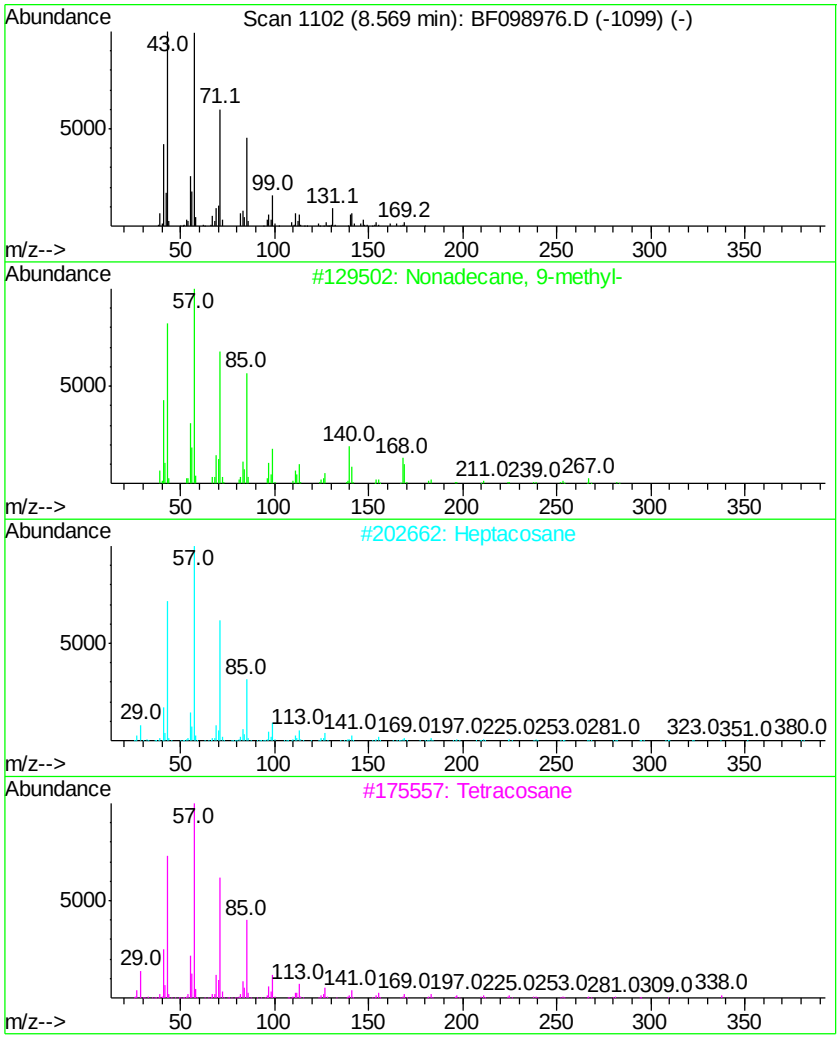
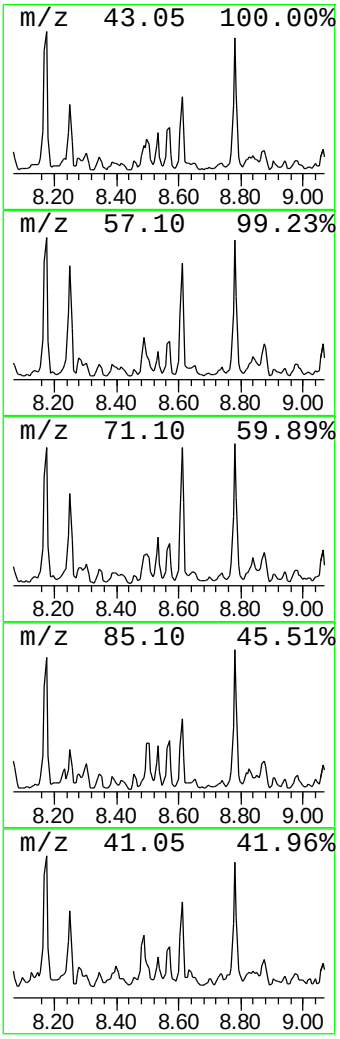
Peak Number 11 Nonadecane, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	12.77 ng	486751	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
2	Heptacosane	380	C27H56	000593-49-7	80
3	Tetracosane	338	C24H50	000646-31-1	72
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5	Hexadecane	226	C16H34	000544-76-3	59





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Acq On : 30 Sep 2017 21:30
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Sample : I5551-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId : JC-03-092917-C

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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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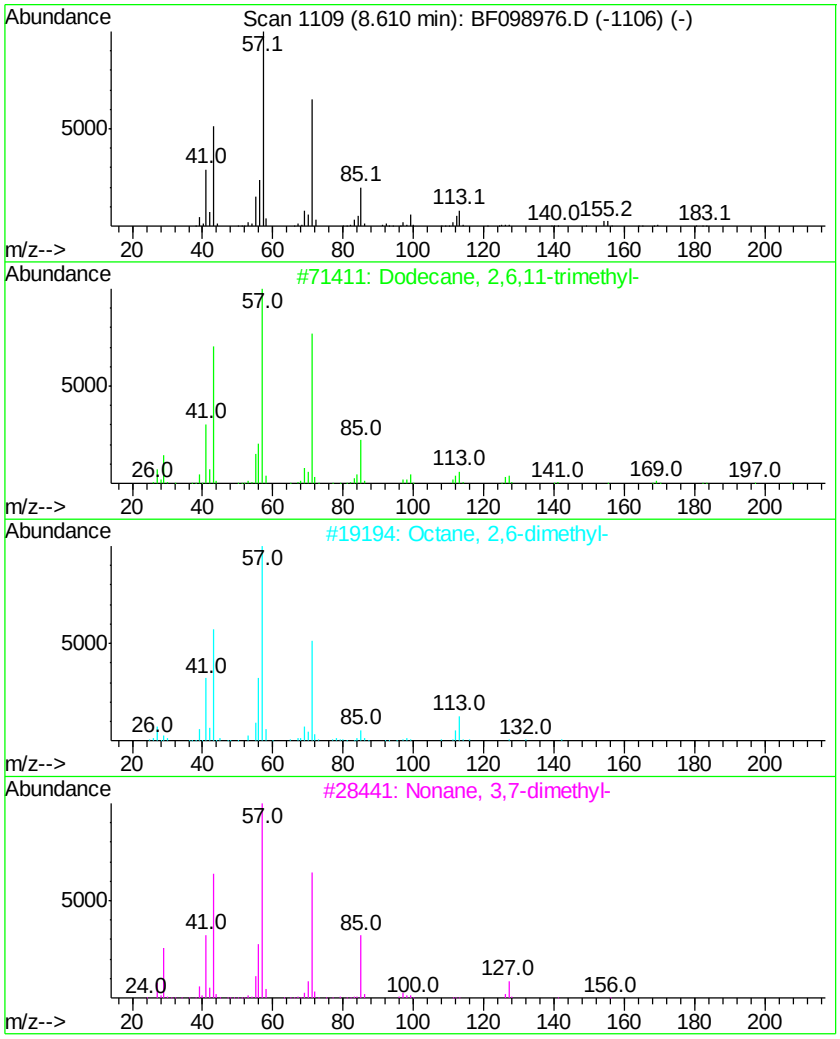
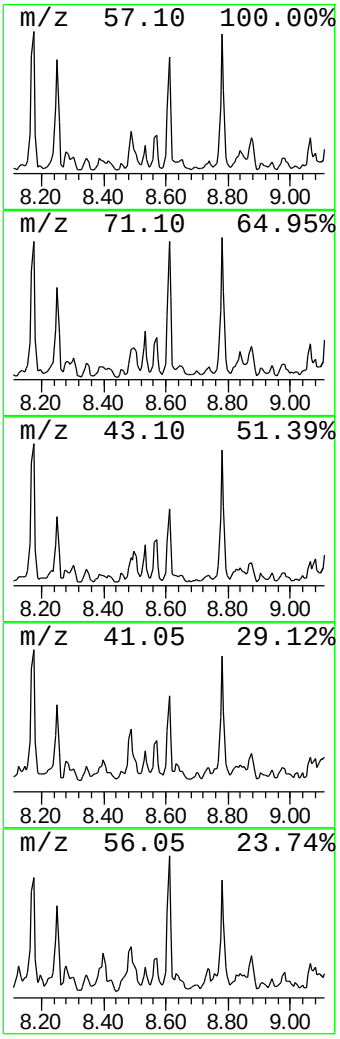
Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	21.09 ng	804003	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4	Decane, 2-methyl-	156	C11H24	006975-98-0	64
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59





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Operator : SJ/JU
Sample : I5551-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-092917-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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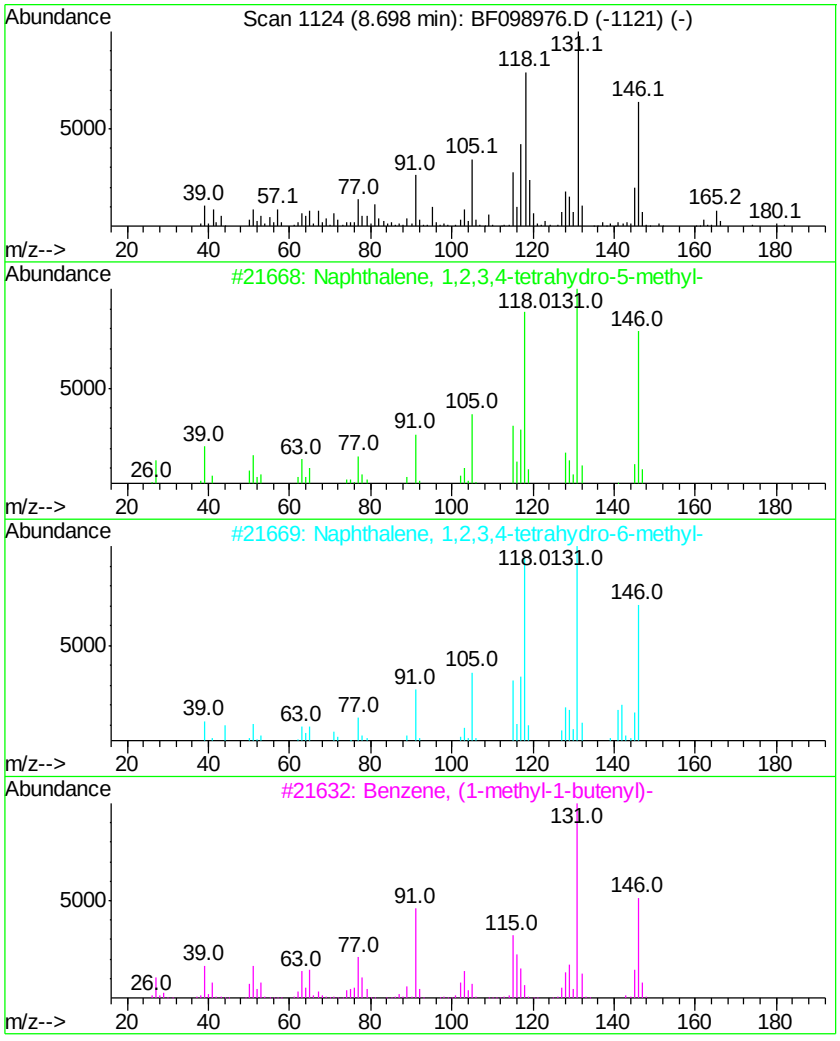
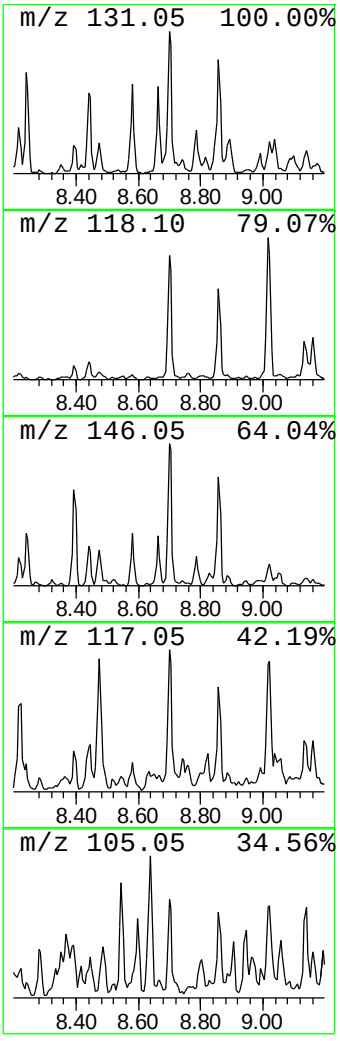
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	13.35 ng	508958	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	68
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	62





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-092917-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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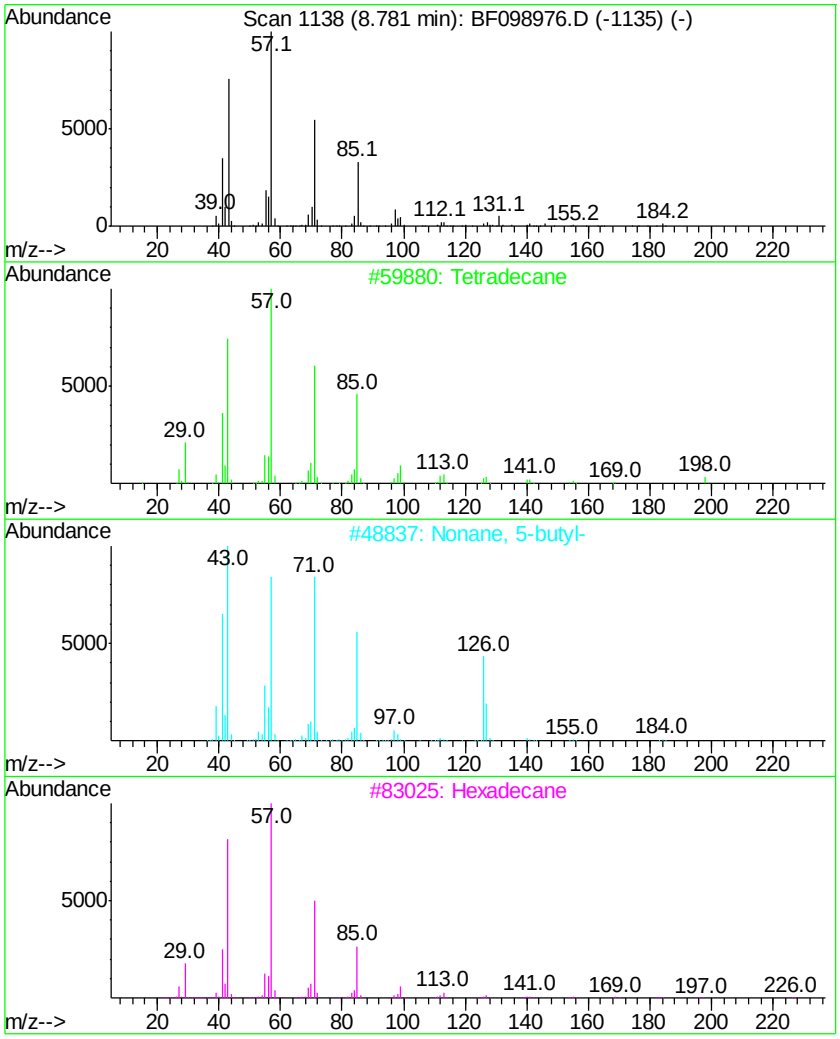
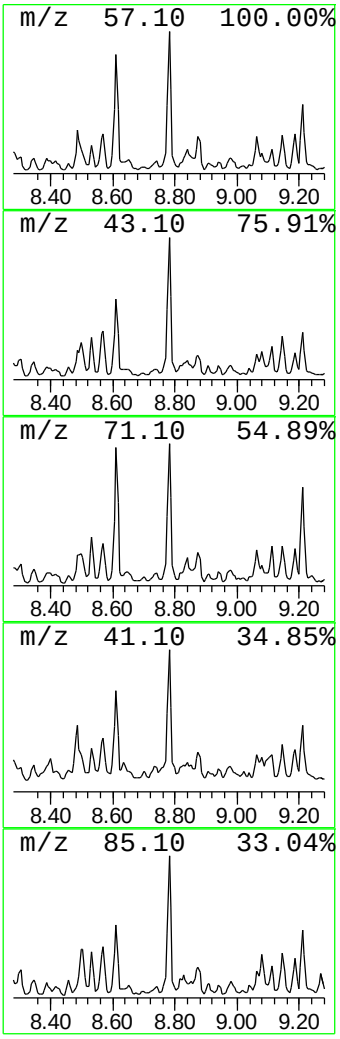
Peak Number 14 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	29.80 ng	1136300	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
3	Hexadecane	226	C16H34	000544-76-3	80
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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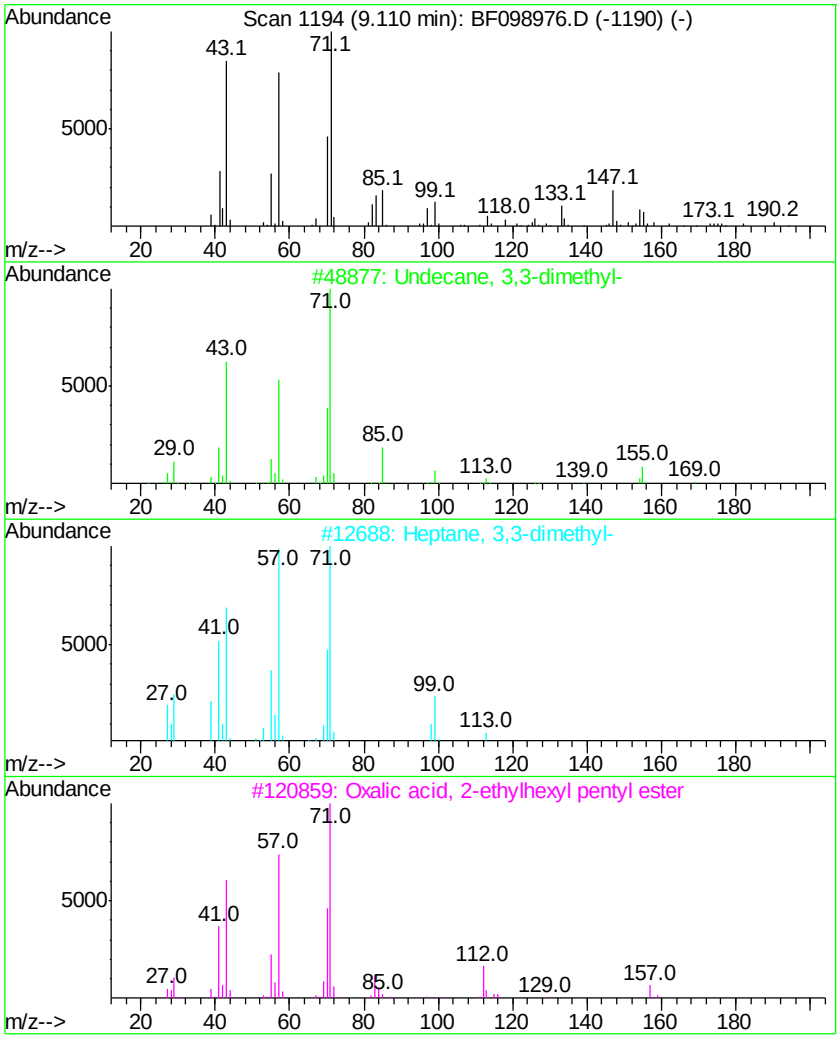
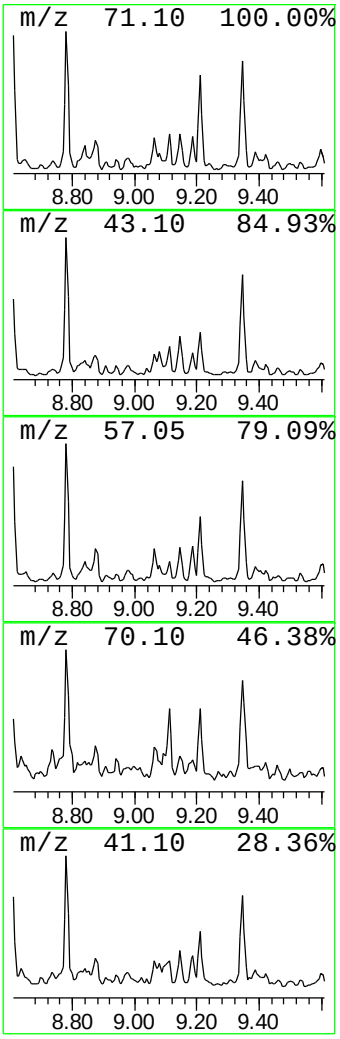
Peak Number 15 Undecane, 3,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	10.95 ng	419666	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	64
2	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	59
3	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	53
4	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	50
5	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	50





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-092917-C

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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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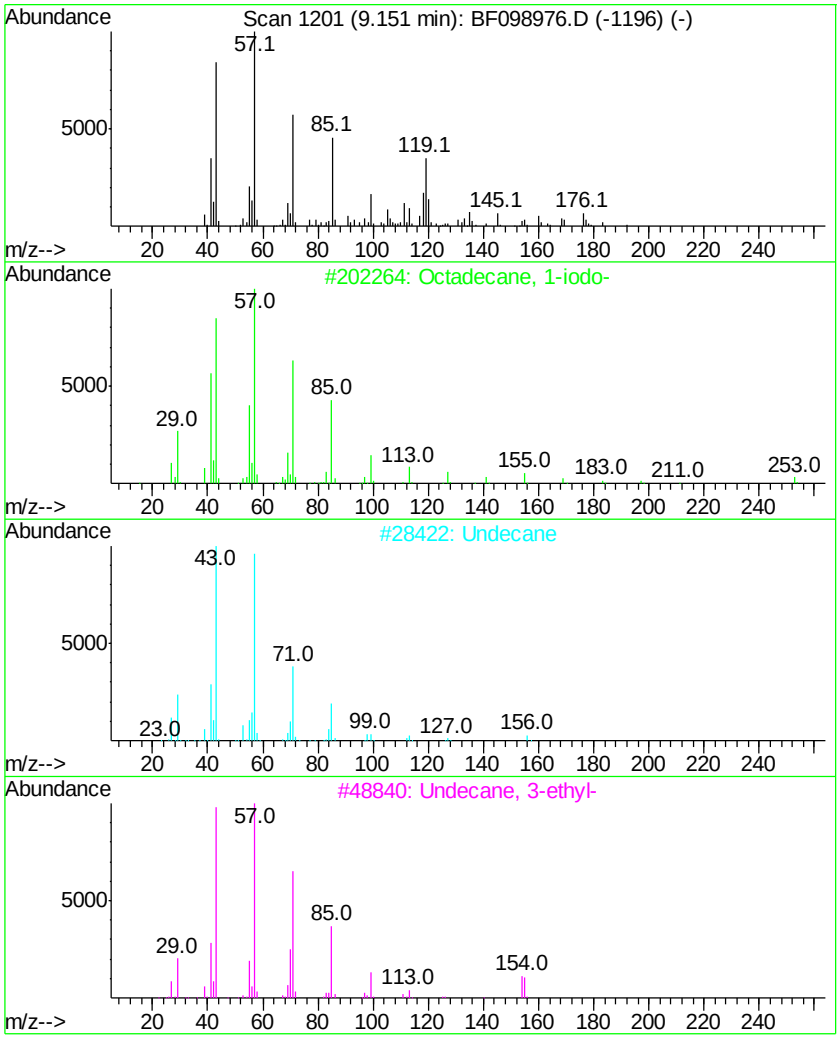
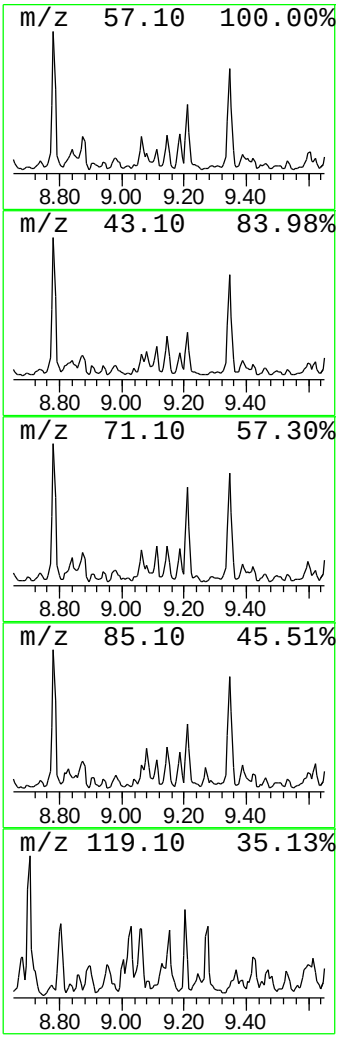
Peak Number 16 Octadecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	13.81 ng	529387	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
2	Undecane	156	C11H24	001120-21-4	53
3	Undecane, 3-ethyl-	184	C13H28	017312-58-2	53
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50





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ClientSampleId : JC-03-092917-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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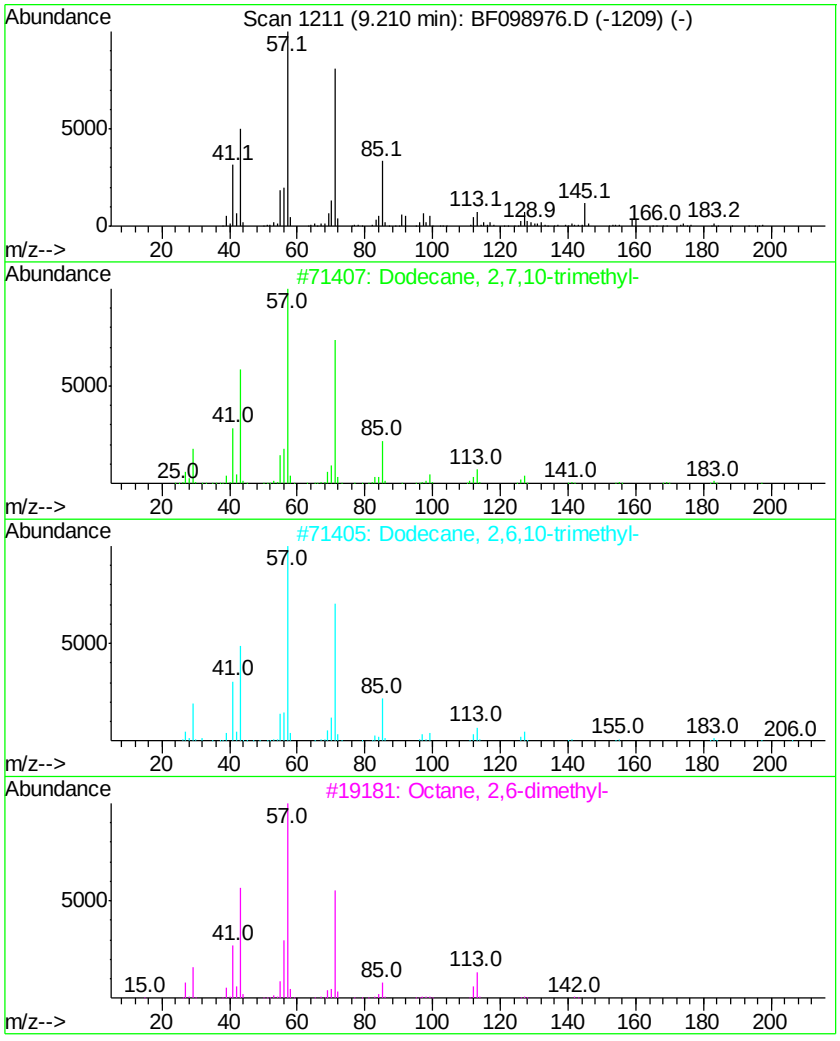
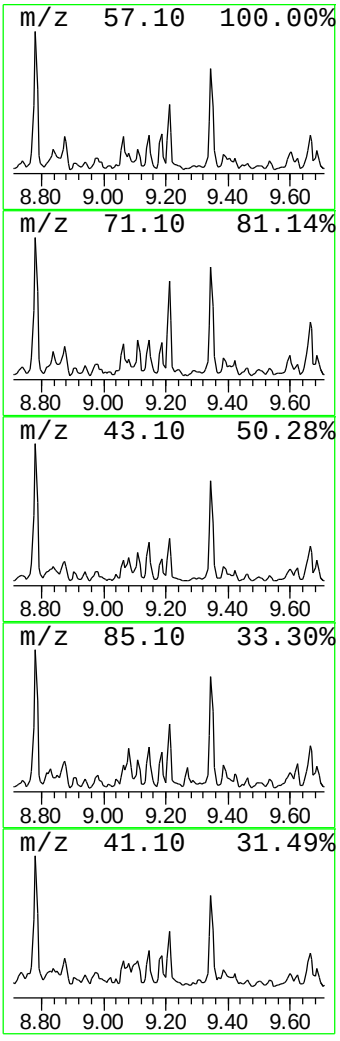
Peak Number 17 Dodecane, 2,7,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	14.94 ng	572810	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68





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Acq On : 30 Sep 2017 21:30
Operator : SJ/JU
Sample : I5551-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-092917-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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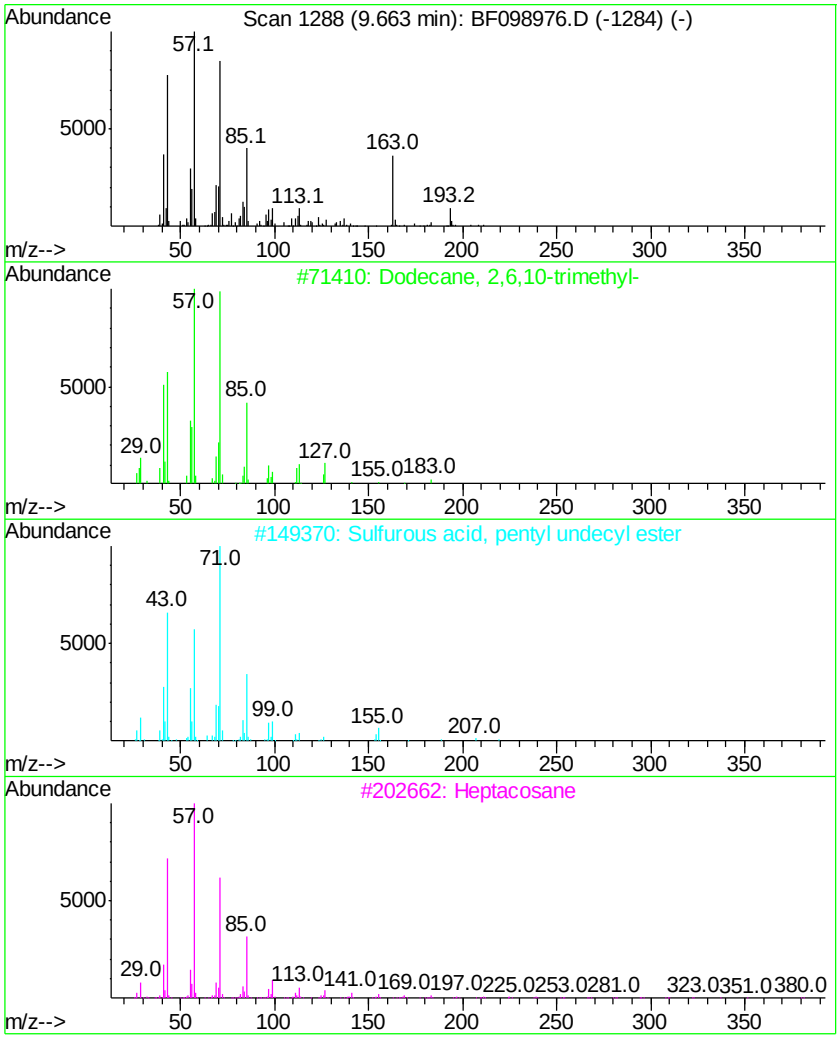
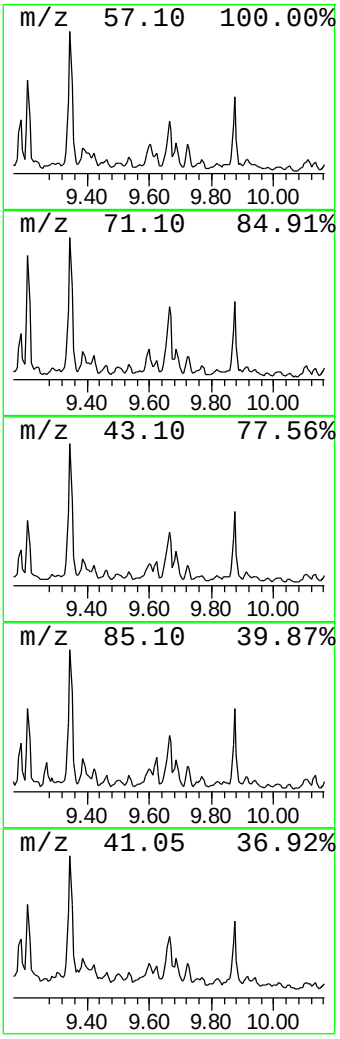
Peak Number 19 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	18.85 ng	722434	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	64
3	Heptacosane	380	C27H56	000593-49-7	58
4	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	52
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
Data File : BF098976.D
Acq On : 30 Sep 2017 21:30
Operator : SJ/JU
Sample : I5551-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-092917-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
Nonane	6.75	15.3	ng	838653	1	6.92	1096890	20.0
Decane, 3-methyl-	7.29	11.5	ng	628259	1	6.92	1096890	20.0
unknown7.56	7.56	13.1	ng	720580	1	6.92	1096890	20.0
Tridecane	7.62	21.4	ng	814549	2	8.20	762578	20.0
Undecane, 5-methyl-	7.87	13.4	ng	509435	2	8.20	762578	20.0
Undecane, 4-methyl-	7.90	12.0	ng	458760	2	8.20	762578	20.0
unknown7.94	7.94	19.1	ng	728891	2	8.20	762578	20.0
Undecane, 2,6-dim...	8.25	25.9	ng	987250	2	8.20	762578	20.0
Cyclohexane, (4-m...	8.49	21.5	ng	818791	2	8.20	762578	20.0
Nonadecane, 9-met...	8.57	12.8	ng	486751	2	8.20	762578	20.0
Dodecane, 2,6,11-...	8.61	21.1	ng	804003	2	8.20	762578	20.0
Naphthalene, 1,2,...	8.70	13.4	ng	508958	2	8.20	762578	20.0
Tetradecane	8.78	29.8	ng	1136300	2	8.20	762578	20.0
Undecane, 3,3-dim...	9.11	10.9	ng	419666	3	9.96	766697	20.0
Octadecane, 1-iodo-	9.15	13.8	ng	529387	3	9.96	766697	20.0
Dodecane, 2,7,10-...	9.21	14.9	ng	572810	3	9.96	766697	20.0
Dodecane, 2,6,10-...	9.66	18.9	ng	722434	3	9.96	766697	20.0