LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101133.D
Acq On : 5 Dec 2017 19:15
Operator : SJ/JU
Sample : I6709-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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	5.087	506	510	521	rBV	71332	107608	6.31%	0.362%
2	5.475	571	576	579	rBV	1356830	1297546	76.09%	4.362%
3	6.487	740	748	751	rBV	1288480	1351740	79.27%	4.544%
4	6.622	767	771	774	rVB	1513447	1374404	80.60%	4.621%
5	6.763	787	795	797	rBV5	15183	27650	1.62%	0.093%
6	6.804	797	802	804	rBV2	22632	26807	1.57%	0.090%
7	6.845	804	809	813	rBV	316979	279049	16.36%	0.938%
8	6.904	815	819	821	rBV5	22943	25707	1.51%	0.086%
9	6.934	821	824	826	rBV2	22511	26051	1.53%	0.088%
10	7.004	830	836	839	rBV	1244545	1079755	63.32%	3.630%
11	7.110	849	854	859	rBV7	30865	44905	2.63%	0.151%
12	7.210	863	871	873	rBV4	28092	46791	2.74%	0.157%
13	7.239	873	876	878	rBV2	56423	53423	3.13%	0.180%
14	7.269	878	881	887	rVB5	43946	54946	3.22%	0.185%
15	7.316	887	889	893	rVB4	32681	33355	1.96%	0.112%
16	7.369	893	898	902	rBV6	48763	116161	6.81%	0.391%
17	7.416	902	906	909	rVV	878115	821470	48.17%	2.762%
18	7.439	909	910	913	rVB3	48567	44961	2.64%	0.151%
19	7.487	913	918	921	rBV4	105077	152095	8.92%	0.511%
20	7.534	922	926	929	rBV6	44969	59793	3.51%	0.201%
21	7.563	929	931	933	rBV3	38653	40989	2.40%	0.138%
22	7.628	939	942	943	rBV	45088	37077	2.17%	0.125%
23	7.651	943	946	948	rVB	138714	109167	6.40%	0.367%
24	7.675	948	950	952	rVB	69035	50970	2.99%	0.171%
25	7.722	952	958	962	rBV3	104405	179158	10.51%	0.602%
26	7.763	962	965	972	rVB3	196893	220466	12.93%	0.741%
27	7.828	972	976	980	rBV4	62461	118675	6.96%	0.399%
28	7.869	980	983	984	rBV2	43015	52766	3.09%	0.177%
29	7.939	992	995	1002	rBV6	98570	178911	10.49%	0.601%
30	8.004	1002	1006	1008	rBV2	147591	178154	10.45%	0.599%
31	8.034	1008	1011	1015	rVB4	83028	107392	6.30%	0.361%
32	8.069	1015	1017	1018	rBV2	40497	32442	1.90%	0.109%
33	8.110	1018	1024	1025	rBV3	116203	159934	9.38%	0.538%
34	8.128	1025	1027	1030	rVV	467208	422917	24.80%	1.422%

LSC Area Percent Report

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Sample : I6709-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.181	1034	1036	1039	rVB	227372	216013	12.67%	0.726%
36	8.216	1039	1042	1049	rBV5	138665	240731	14.12%	0.809%
37	8.281	1049	1053	1055	rBV3	156648	192428	11.28%	0.647%
38	8.304	1055	1057	1058	rBV	77024	62468	3.66%	0.210%
39	8.328	1058	1061	1064	rVB2	273401	293045	17.18%	0.985%
40	8.357	1064	1066	1069	rVB4	80461	85942	5.04%	0.289%
41	8.404	1070	1074	1078	rBV6	135465	251989	14.78%	0.847%
42	8.475	1083	1086	1089	rBV4	154723	163738	9.60%	0.550%
43	8.510	1089	1092	1095	rVB4	118701	135252	7.93%	0.455%
44	8.545	1095	1098	1100	rBV	795505	758734	44.49%	2.551%
45	8.569	1100	1102	1104	rVB2	145590	100168	5.87%	0.337%
46	8.633	1110	1113	1115	rVB2	197247	167701	9.83%	0.564%
47	8.669	1115	1119	1121	rBV3	315126	359613	21.09%	1.209%
48	8.692	1121	1123	1128	rVV5	165772	249907	14.65%	0.840%
49	8.751	1131	1133	1136	rVV4	223064	272366	15.97%	0.916%
50	8.786	1136	1139	1140	rVV2	182018	213201	12.50%	0.717%
51	8.810	1140	1143	1147	rVB3	264424	372762	21.86%	1.253%
52	8.875	1152	1154	1156	rVB2	279457	204472	11.99%	0.687%
53	8.910	1156	1160	1162	rBV4	254993	343581	20.15%	1.155%
54	8.957	1165	1168	1170	rVV3	203384	202307	11.86%	0.680%
55	9.010	1174	1177	1180	rVB4	126434	166320	9.75%	0.559%
56	9.098	1190	1192	1194	rBV	153195	115335	6.76%	0.388%
57	9.122	1194	1196	1198	rVB2	183066	127785	7.49%	0.430%
58	9.151	1198	1201	1203	rBV	993901	787492	46.18%	2.648%
59	9.210	1207	1211	1214	rVV	1543356	1359025	79.69%	4.569%
60	9.286	1220	1224	1227	rBV3	633917	777957	45.62%	2.615%
61	9.322	1228	1230	1232	rVV3	147488	140373	8.23%	0.472%
62	9.357	1234	1236	1239	rVB	249754	187707	11.01%	0.631%
63	9.398	1241	1243	1246	rVB4	204795	197611	11.59%	0.664%
64	9.433	1246	1249	1250	rBV2	179360	188582	11.06%	0.634%
65	9.569	1269	1272	1274	rBV4	127890	126539	7.42%	0.425%
66	9.604	1274	1278	1281	rBV3	1296383	1703046	99.87%	5.726%
67	9.633	1281	1283	1285	rBV2	252218	237515	13.93%	0.799%
68	9.757	1300	1304	1306	rBV2	463101	492371	28.87%	1.655%
69	9.798	1309	1311	1315	rVB2	570479	516816	30.31%	1.738%
70	9.892	1325	1327	1329	rVB	400560	309967	18.18%	1.042%
71	9.922	1329	1332	1333	rBV2	216062	154413	9.05%	0.519%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.992	1342	1344	1348	rVB4	172989	167698	9.83%	0.564%
73	10.139	1367	1369	1372	rBV3	206618	236437	13.86%	0.795%
74	10.210	1378	1381	1386	rBV4	374180	548539	32.17%	1.844%
75	10.298	1393	1396	1401	rVB6	256463	328790	19.28%	1.105%
76	10.510	1430	1432	1433	rBV	222253	168736	9.89%	0.567%
77	10.686	1459	1462	1465	rBV3	816278	838733	49.18%	2.820%
78	10.804	1478	1482	1489	rVB	1562689	1705299	100.00%	5.733%
79	10.880	1493	1495	1497	rVB	261719	209257	12.27%	0.704%
80	11.022	1517	1519	1522	rVB2	187131	137965	8.09%	0.464%
81	11.186	1545	1547	1550	rBV3	167531	138850	8.14%	0.467%
82	11.269	1558	1561	1567	rVB	797550	925761	54.29%	3.112%
83	11.380	1577	1580	1583	rBV	430616	417186	24.46%	1.403%
84	11.610	1617	1619	1623	rBV3	327377	396619	23.26%	1.333%
85	12.433	1756	1759	1761	rBV	122217	116793	6.85%	0.393%
86	12.551	1777	1779	1784	rVB2	137859	134496	7.89%	0.452%
87	12.745	1810	1812	1814	rVV3	56550	51753	3.03%	0.174%
88	12.769	1814	1816	1821	rVB4	82800	87590	5.14%	0.294%
89	12.874	1831	1834	1837	rVB	99581	101450	5.95%	0.341%
90	12.963	1845	1849	1852	rVB	1274760	1058788	62.09%	3.560%
91	13.839	1995	1998	2006	rVB3	35371	48305	2.83%	0.162%
92	14.015	2025	2028	2035	rVB	280137	272684	15.99%	0.917%
93	15.492	2274	2279	2292	rVB	203038	264311	15.50%	0.889%

Sum of corrected areas: 29744547

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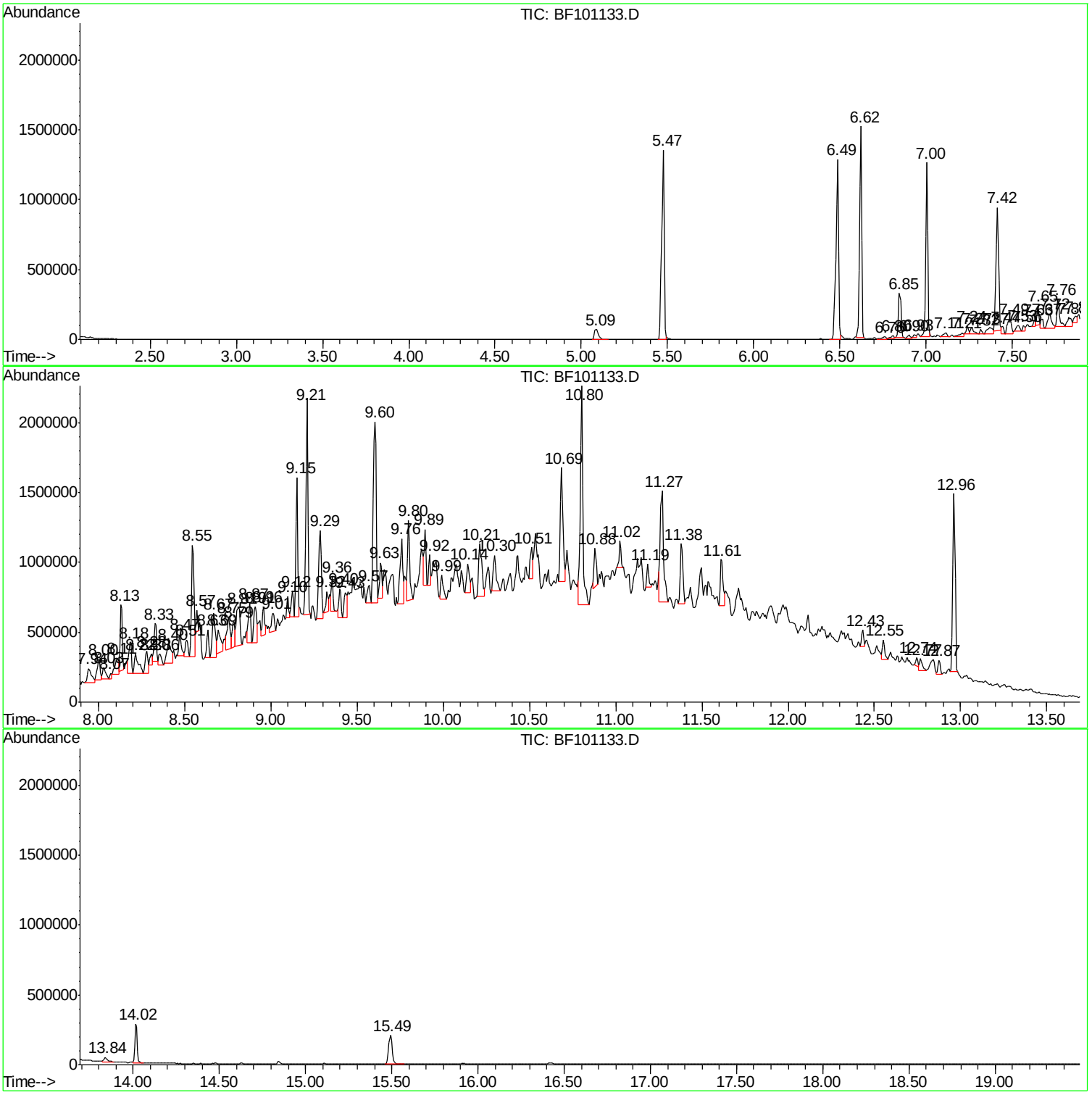
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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:\HPCHEM1\BNA F\DATA\BF120517\
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Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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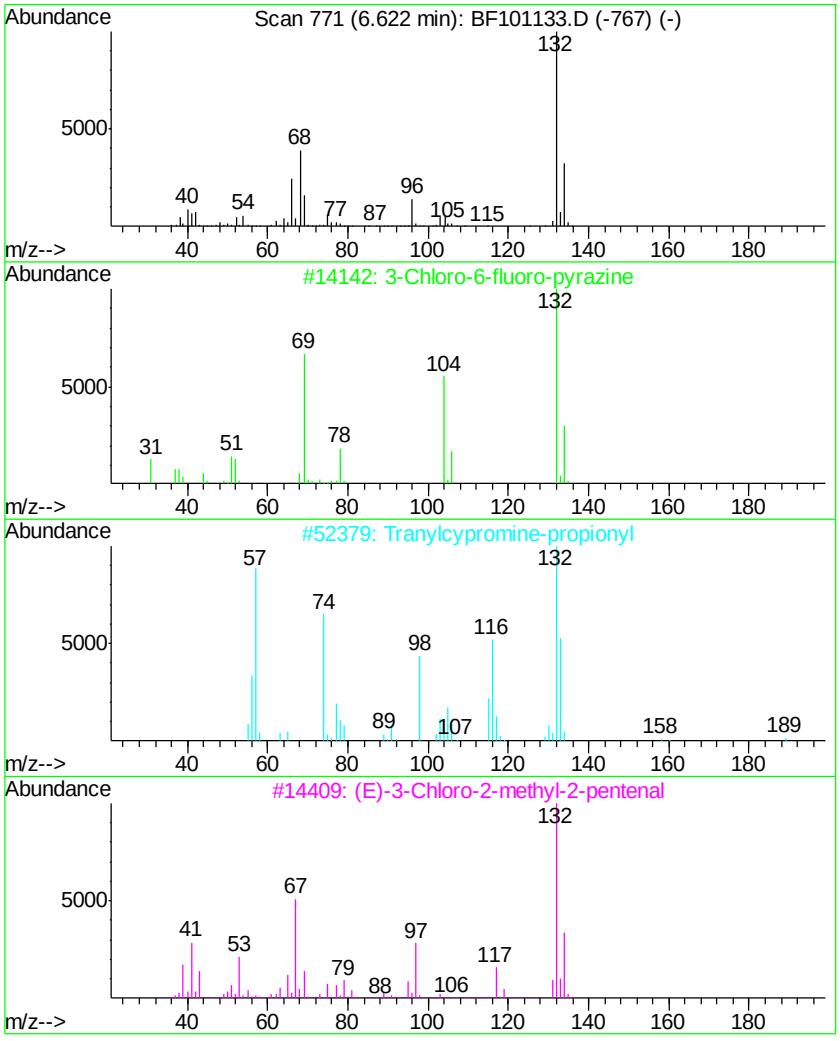
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

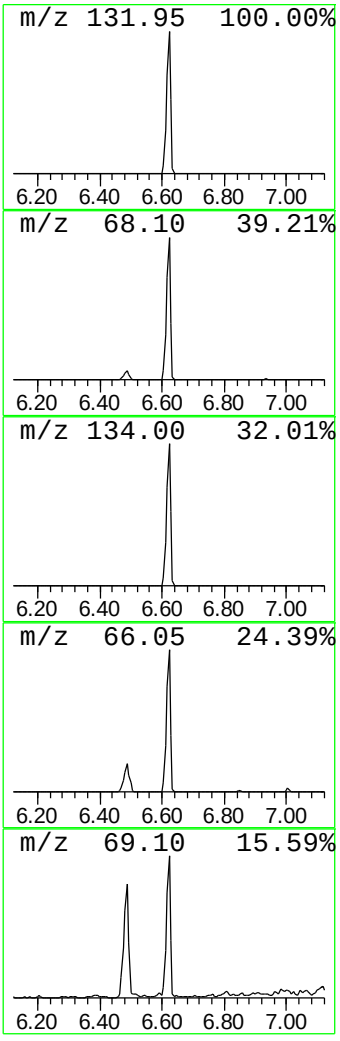
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	98.51 ng	1374400	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101133.D
Acq On : 5 Dec 2017 19:15
Operator : SJ/JU
Sample : I6709-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

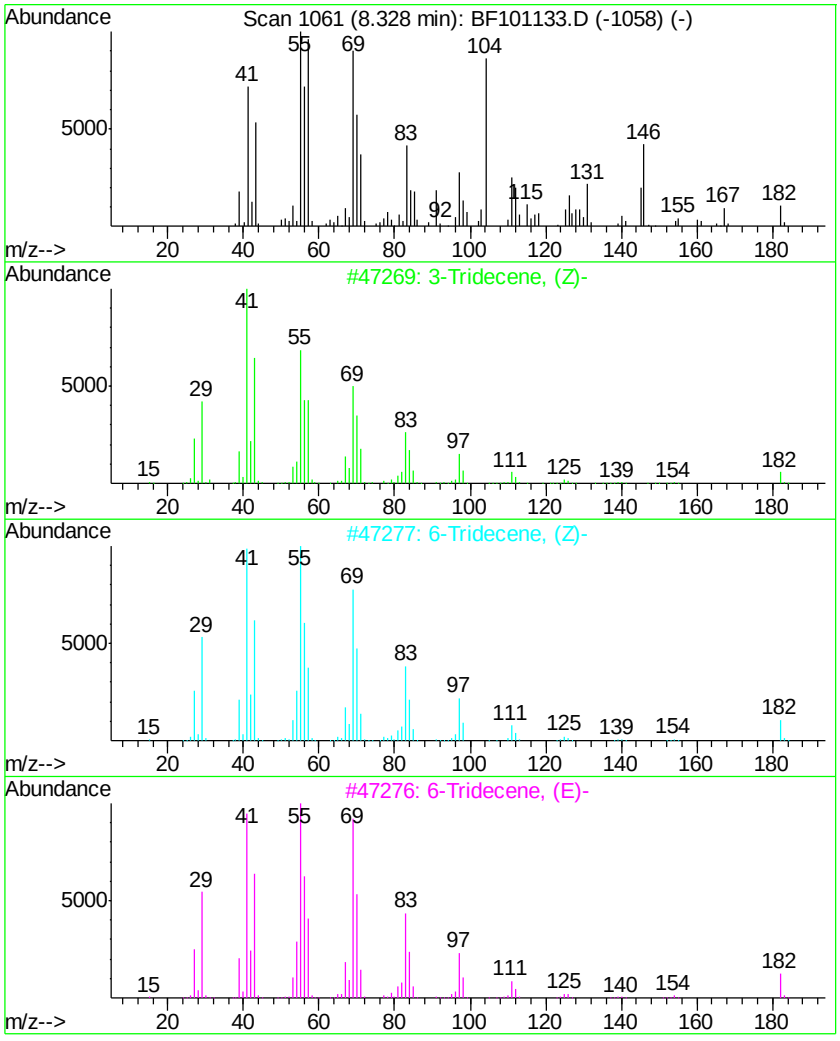
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

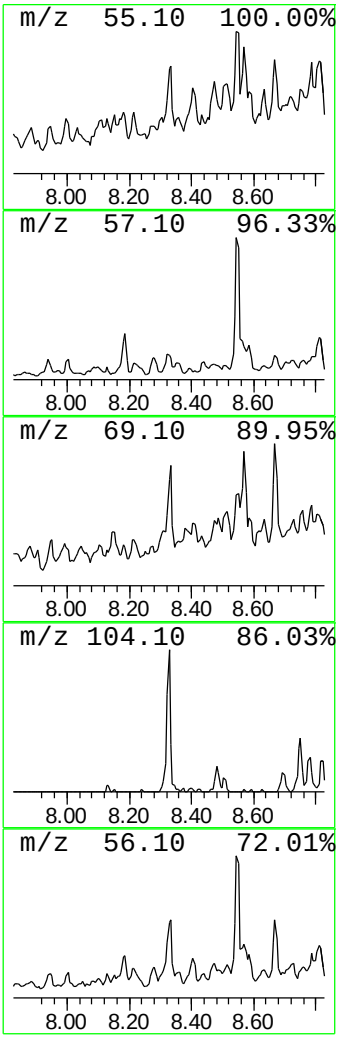
****

Peak Number 3 3-Tridecene, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	13.86 ng	293045	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tridecene, (Z)-	182	C13H26	041446-53-1	50
2	6-Tridecene, (Z)-	182	C13H26	006508-77-6	50
3	6-Tridecene, (E)-	182	C13H26	006434-76-0	46
4	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	46
5	4-Dodecene, (Z)-	168	C12H24	007206-27-1	45





Library Search Compound Report

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Sample : I6709-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

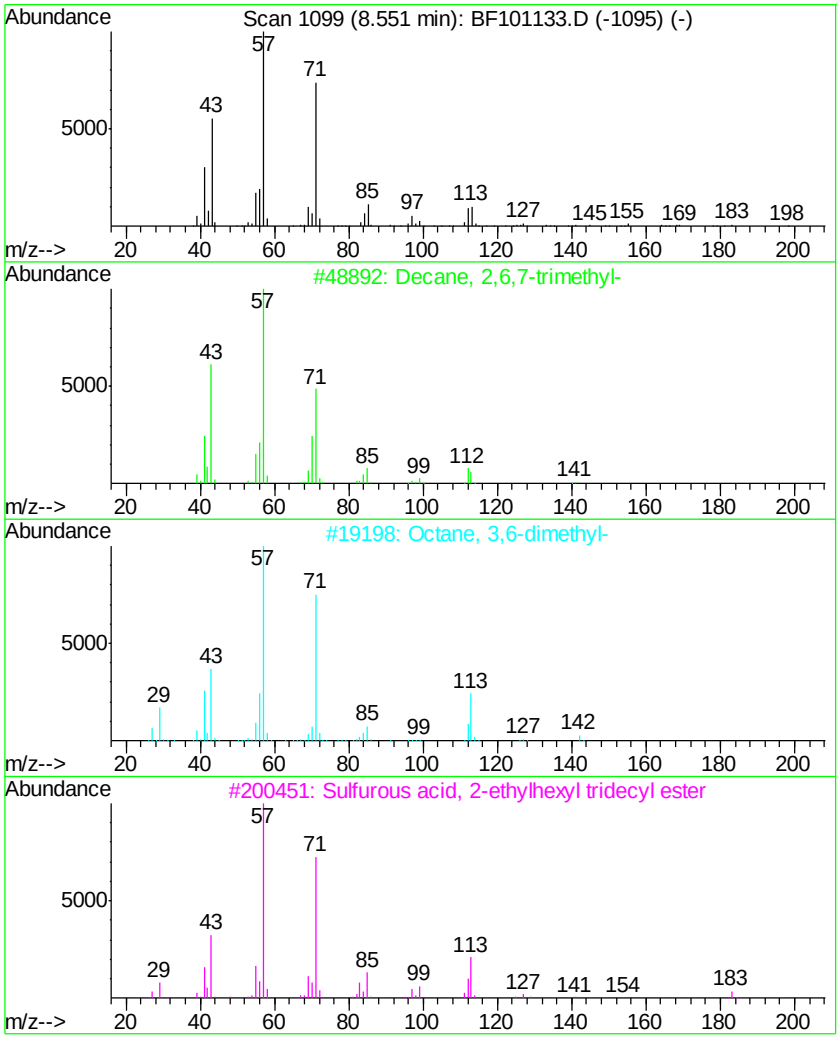
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

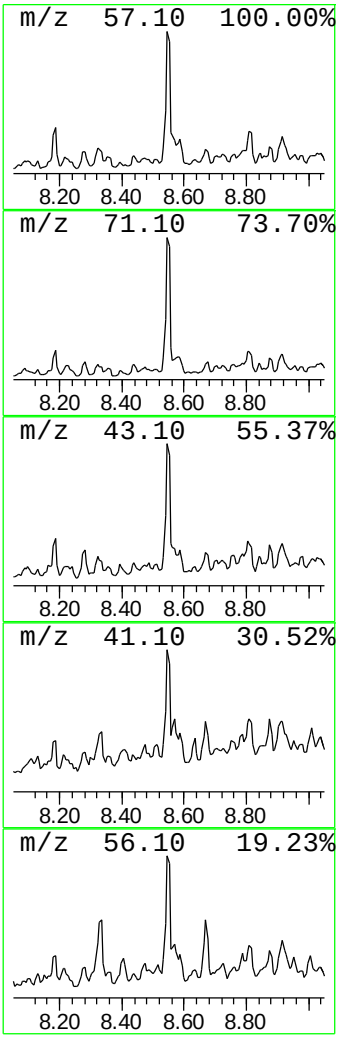
****

Peak Number 4 Decane, 2,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	35.88 ng	758734	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	78
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72





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Data File : BF101133.D
Acq On : 5 Dec 2017 19:15
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Sample : I6709-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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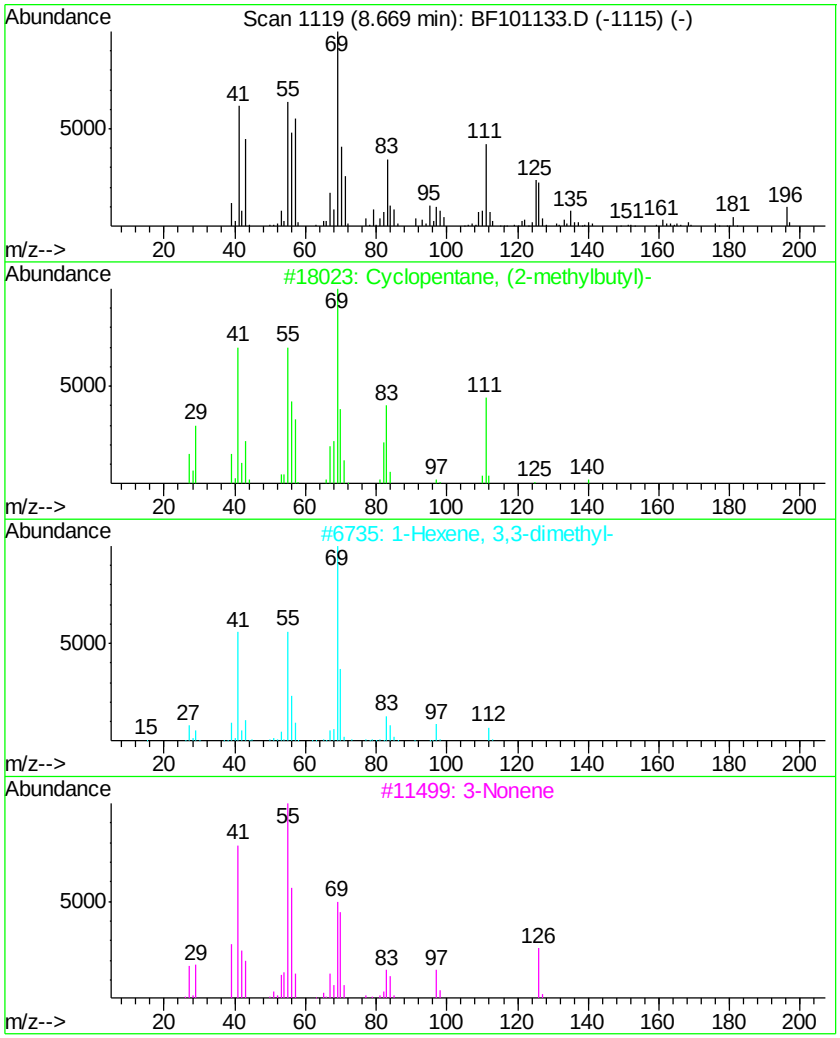
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

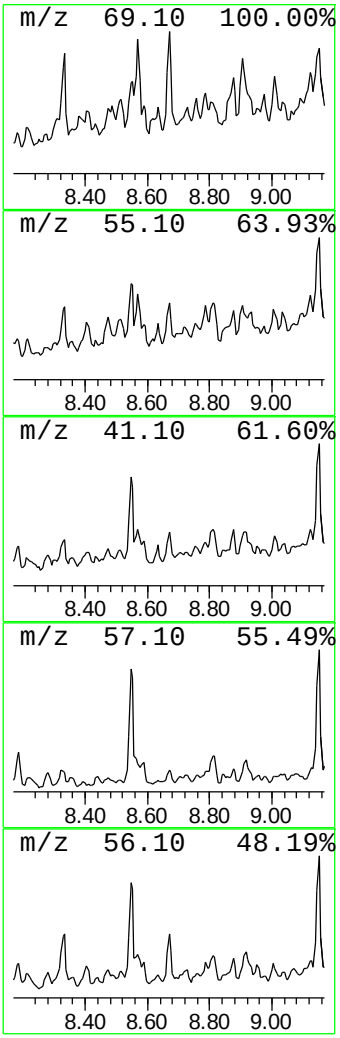
****

Peak Number 5 Cyclopentane, (2-methylbutyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	17.01 ng	359613	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	76
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
3	3-Nonene	126	C9H18	020063-77-8	46
4	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	43
5	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	41





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Data File : BF101133.D
Acq On : 5 Dec 2017 19:15
Operator : SJ/JU
Sample : I6709-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

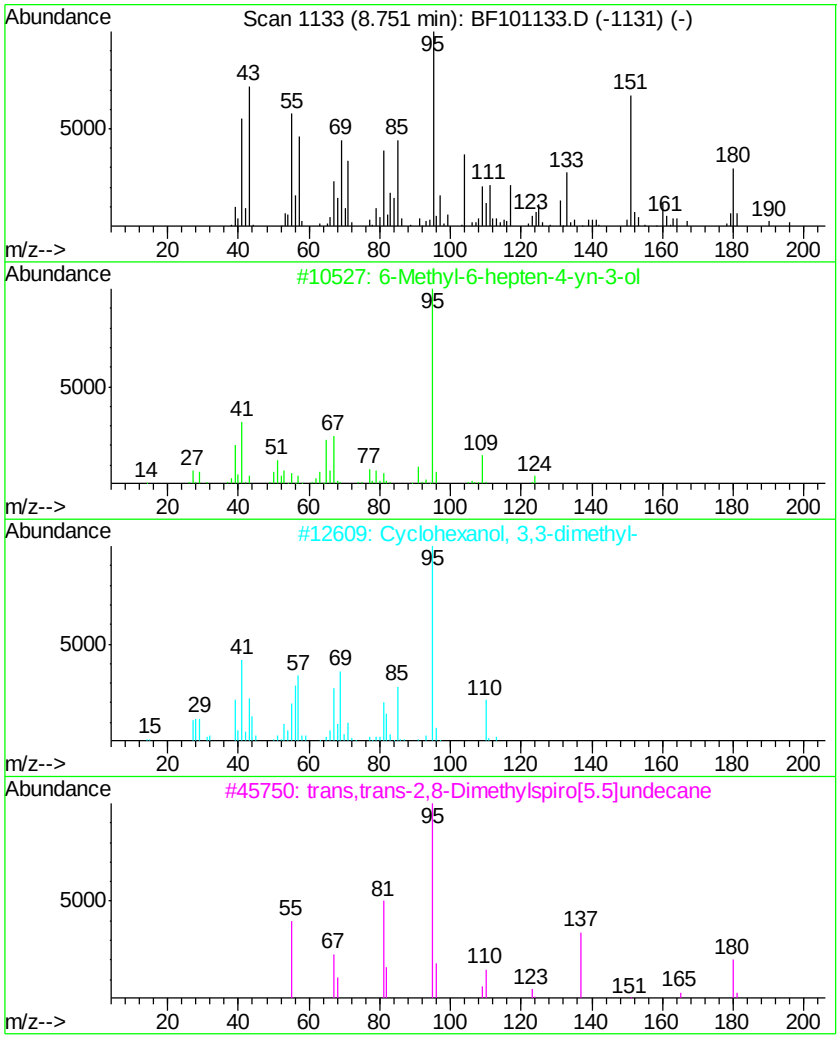
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

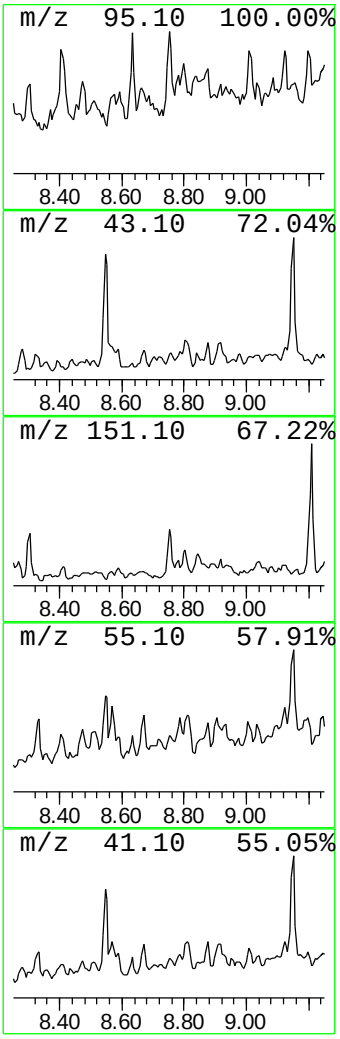
****

Peak Number 6 unknown8.75 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	12.88 ng	272366	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-6-hepten-4-yn-3-ol	124	C8H12O	095764-76-4	22
2	Cyclohexanol, 3,3-dimethyl-	128	C8H16O	000767-12-4	22
3	trans,trans-2,8-Dimethylspiro[5....	180	C13H24	095530-76-0	22
4	trans,trans- and trans,cis-1,8-D...	180	C13H24	1000111-73-2	22
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101133.D
Acq On : 5 Dec 2017 19:15
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Sample : I6709-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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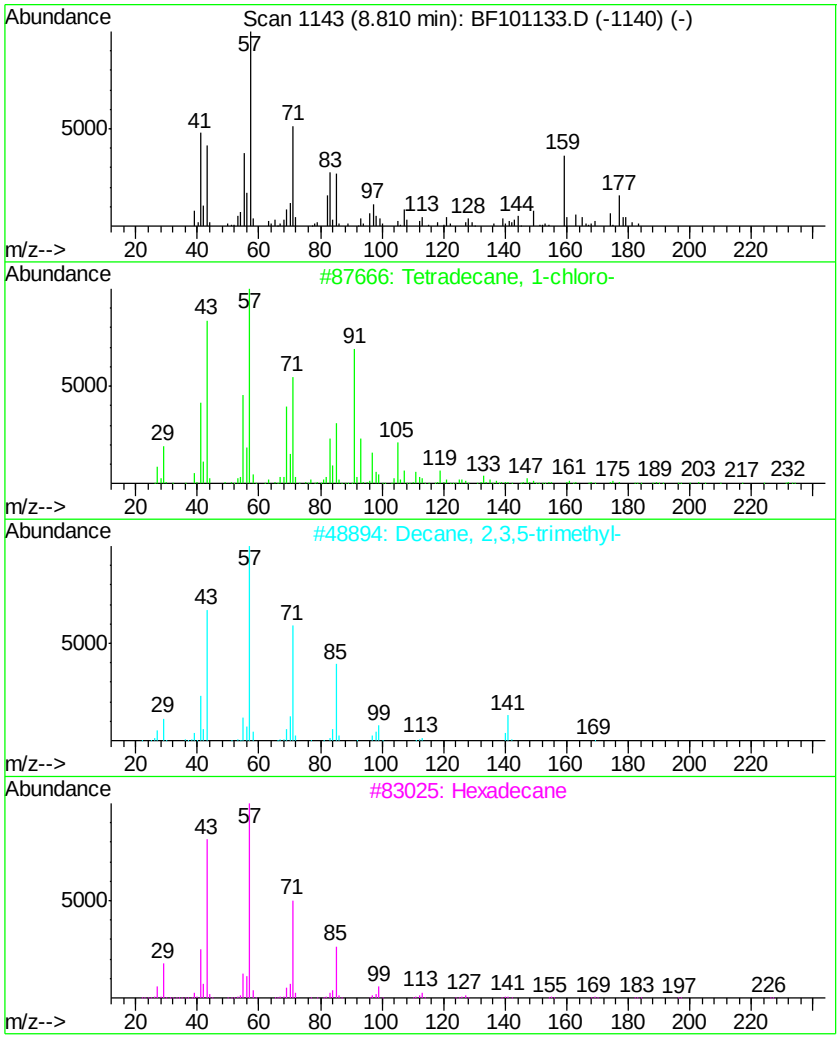
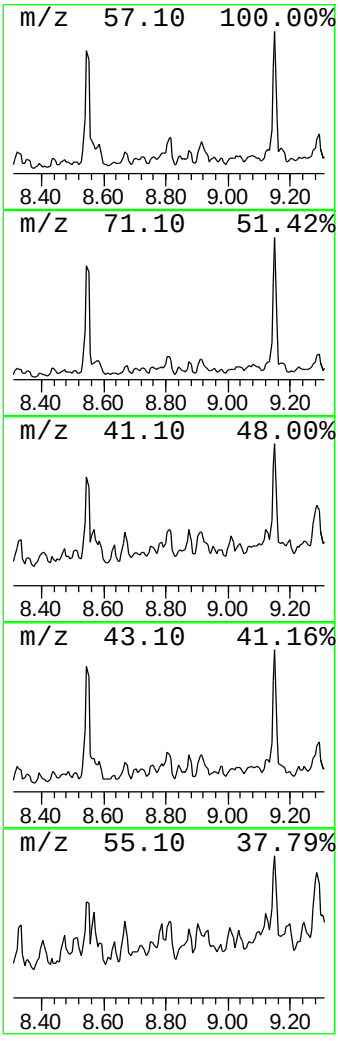
Peak Number 7 Tetradecane, 1-chloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	17.63 ng	372762	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	50
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	38
3	Hexadecane	226	C16H34	000544-76-3	38
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	38
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	35





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Data File : BF101133.D
Acq On : 5 Dec 2017 19:15
Operator : SJ/JU
Sample : I6709-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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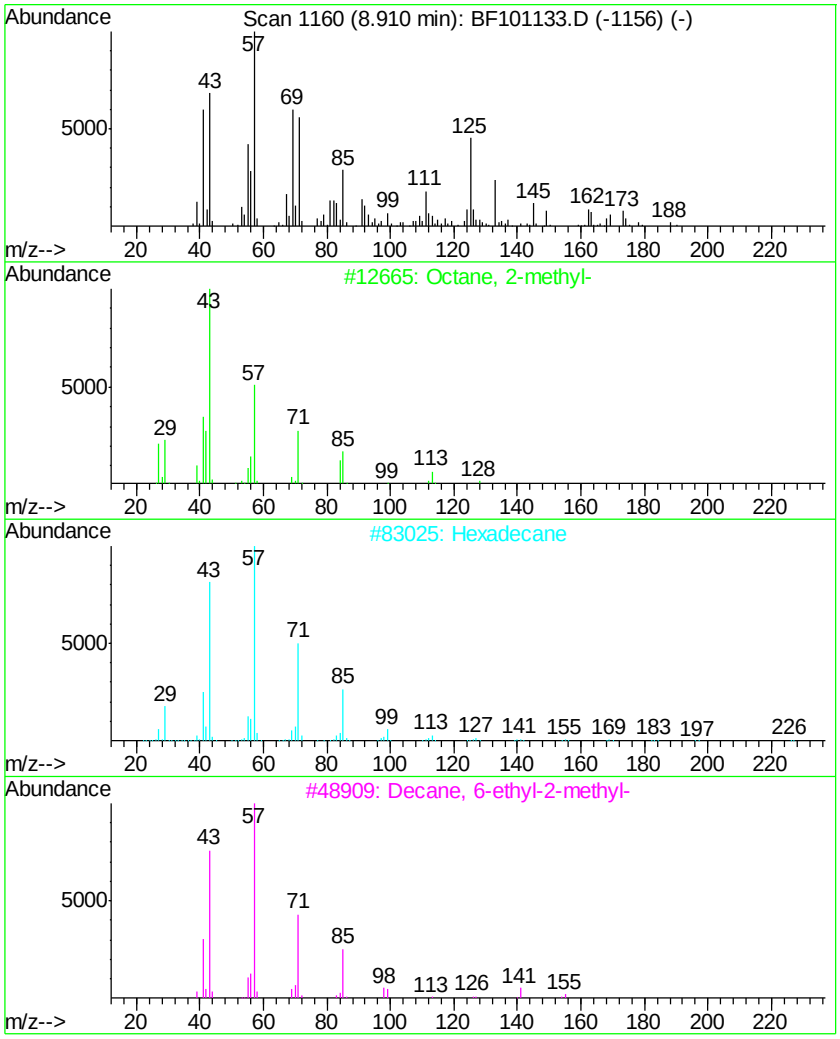
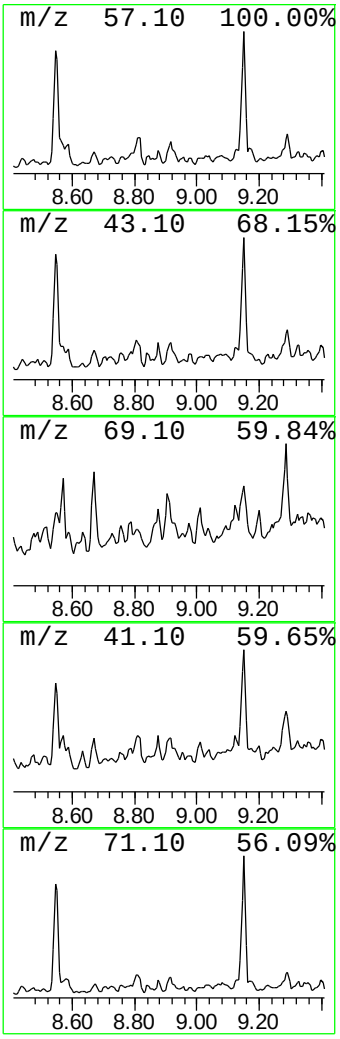
Peak Number 8 unknown8.91 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	16.25 ng	343581	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	38
2	Hexadecane	226	C16H34	000544-76-3	35
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	35
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	27
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	27





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Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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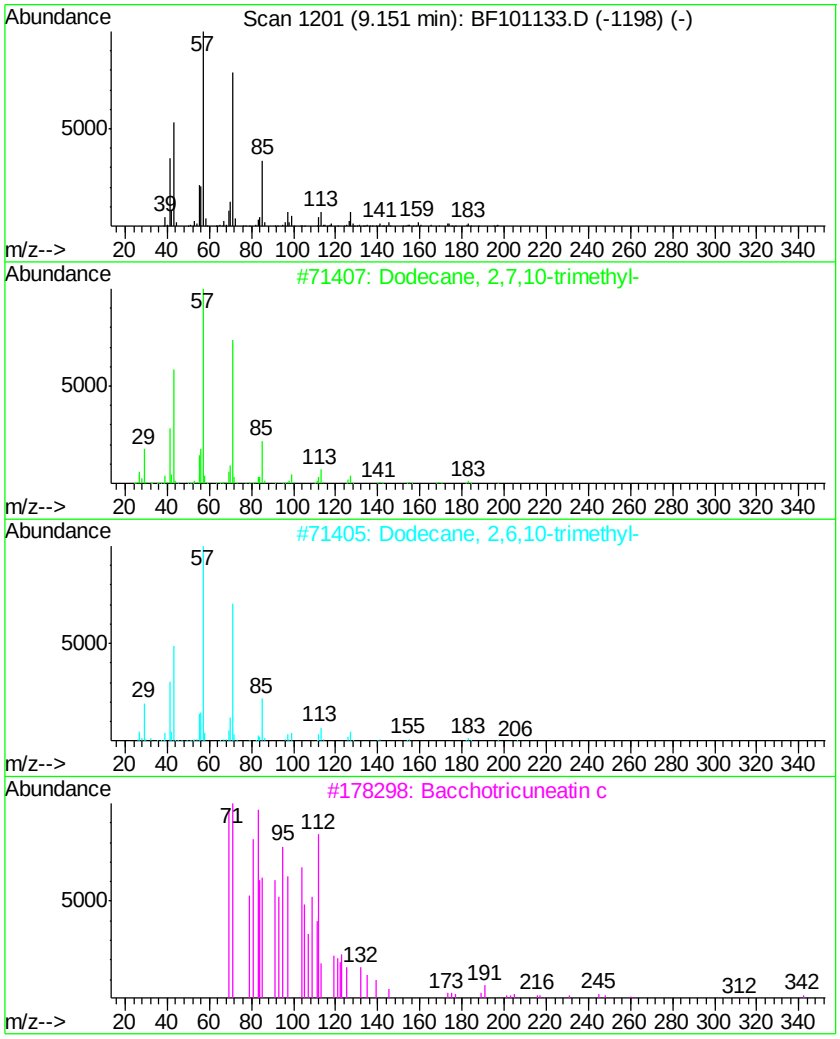
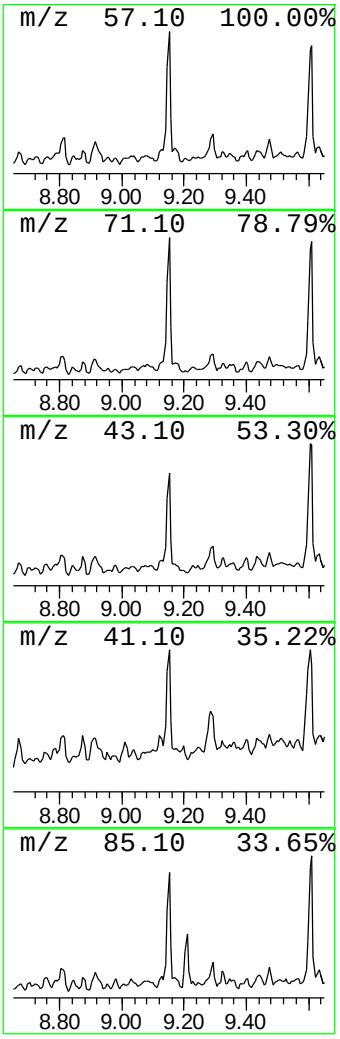
Peak Number 9 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	50.81 ng	787492	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64





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ClientSampleId : ENV-105-6(5-10)

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

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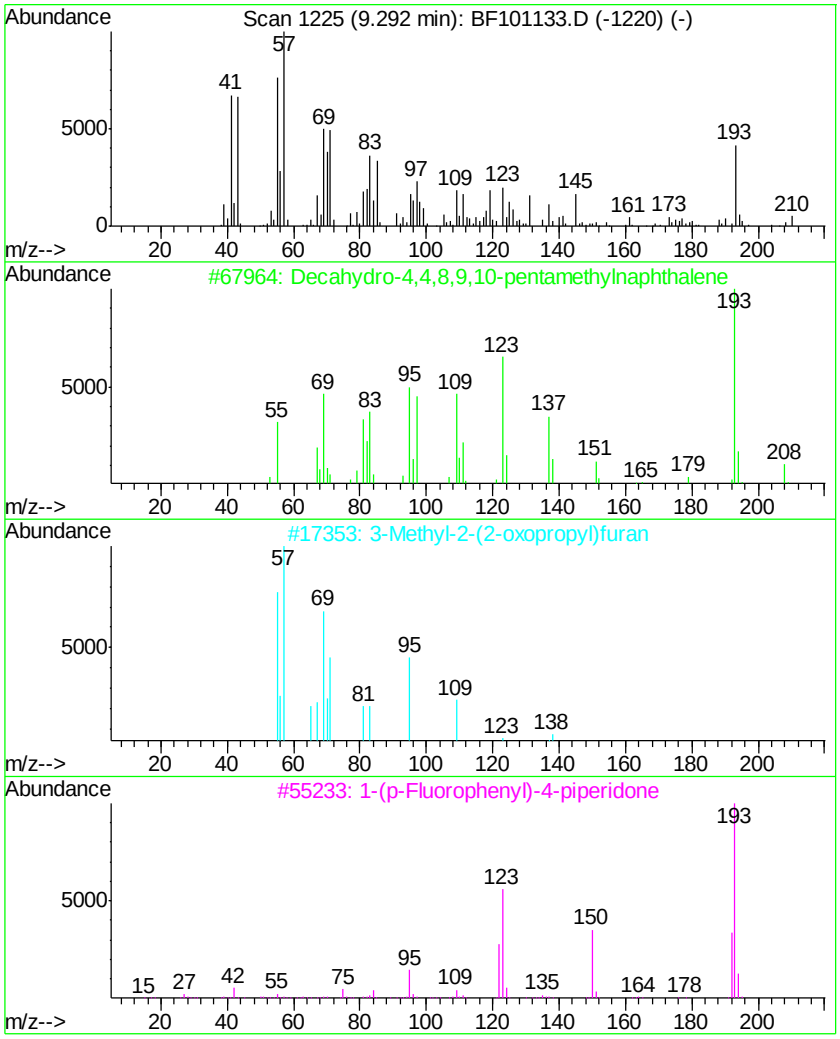
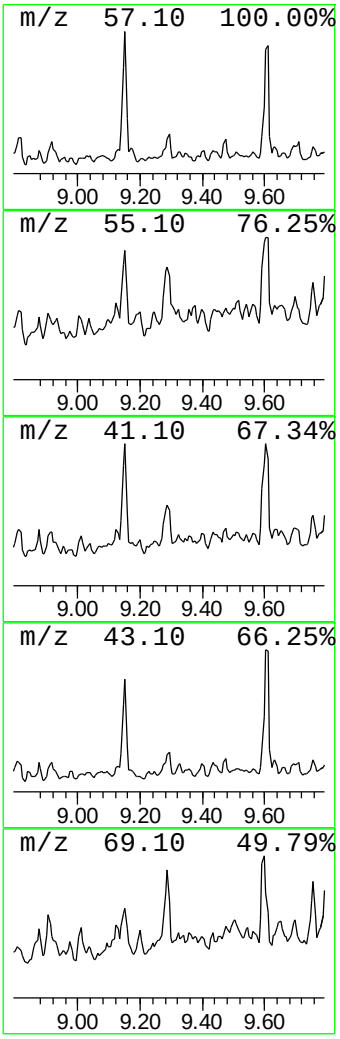
Peak Number 10 Decahydro-4,4,8,9,10-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	50.20 ng	777957	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	58
2	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	30
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	25
4	17-Pentatriacontene	491	C35H70	006971-40-0	15
5	4-Acetylocta-1,2-diene	152	C10H16O	1000250-44-5	14





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Misc :
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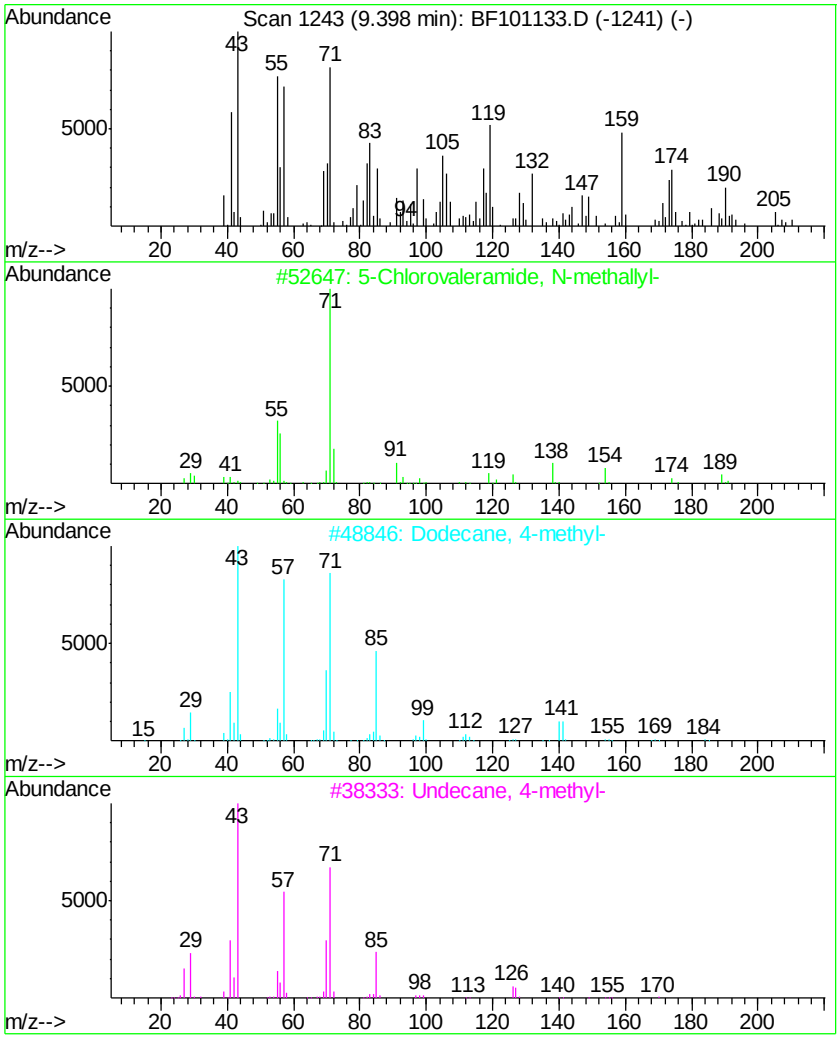
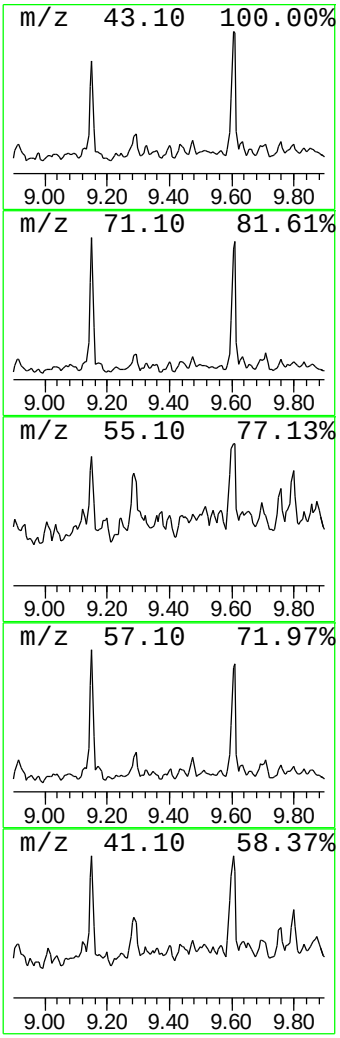
Peak Number 11 unknown9.40 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	12.75 ng	197611	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chlorovaleramide, N-methallyl-	189	C9H16ClNO	1000339-95-4	14
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	10
3	Undecane, 4-methyl-	170	C12H26	002980-69-0	10
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	10
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	10





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
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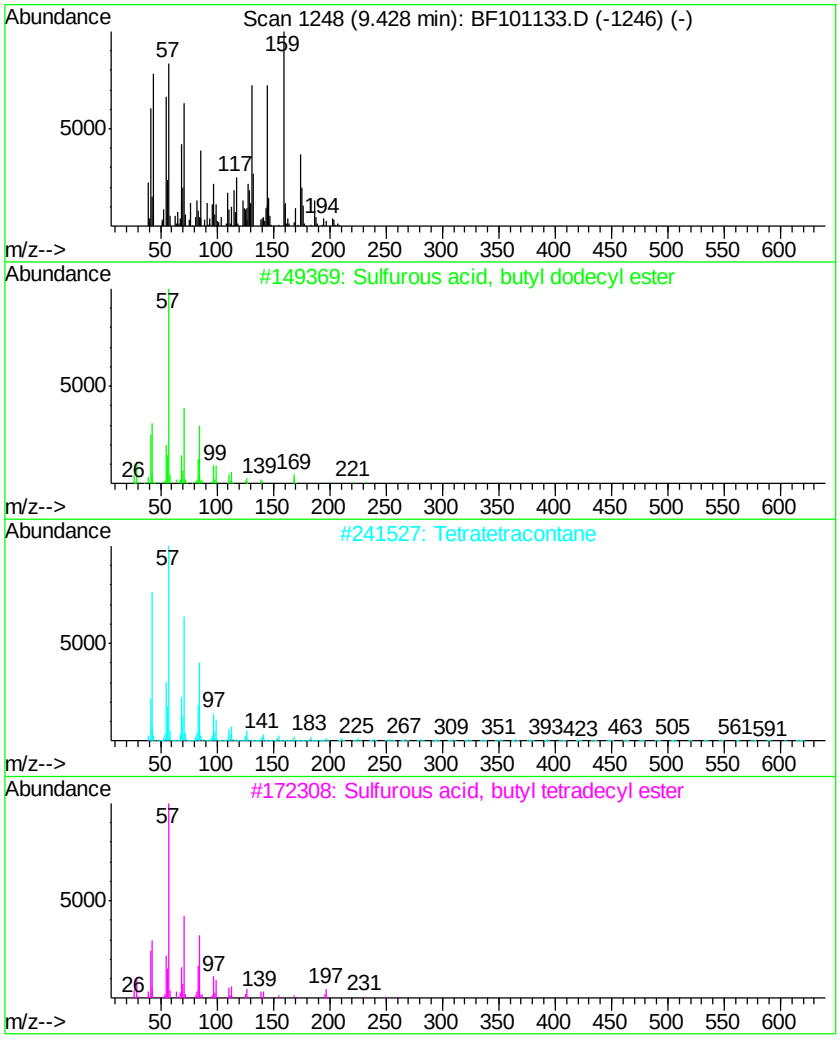
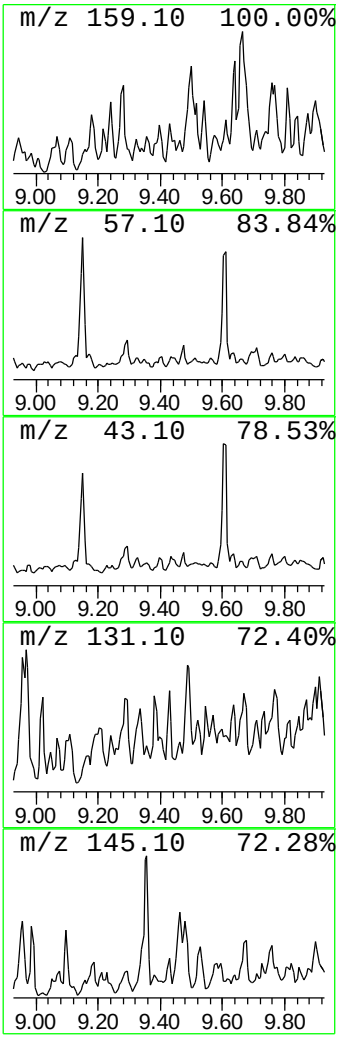
Peak Number 12 unknown9.43 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	12.17 ng	188582	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	25
2	Tetratetracontane	619	C44H90	007098-22-8	25
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	25
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	25
5	Hexacosane	366	C26H54	000630-01-3	18





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ClientSampleId : ENV-105-6(5-10)

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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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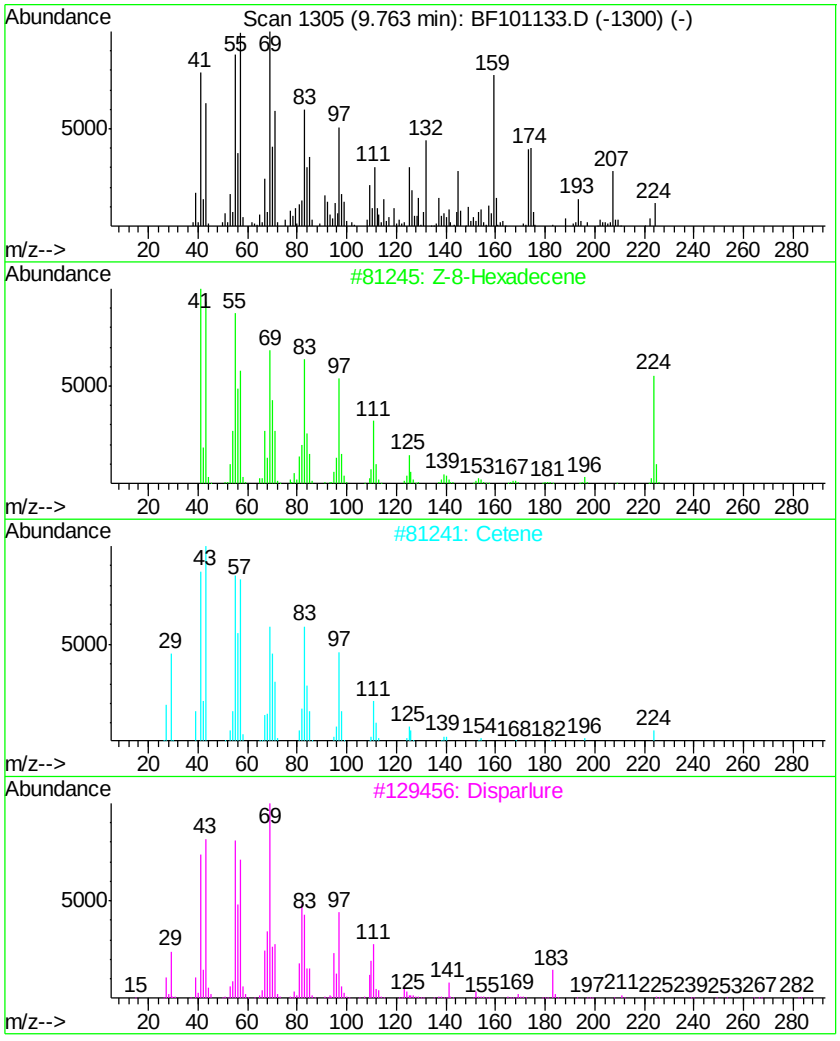
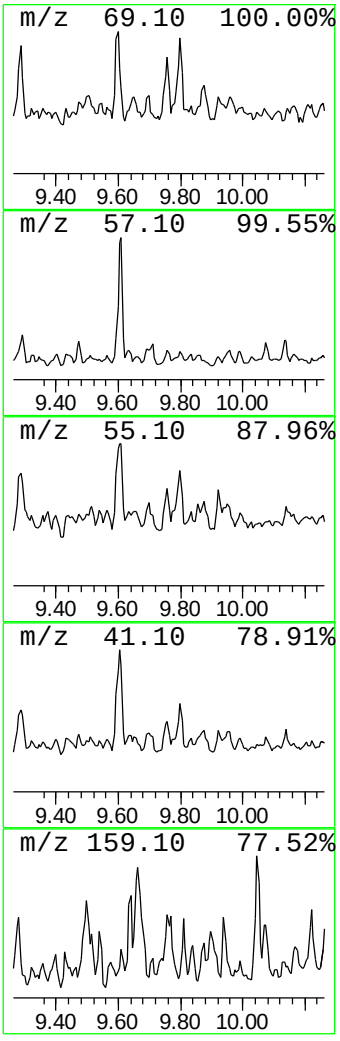
Peak Number 13 unknown9.76 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	31.77 ng	492371	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Hexadecene	224	C16H32	1000130-87-5	46
2	Cetene	224	C16H32	000629-73-2	45
3	Disparlure	282	C19H38O	029804-22-6	43
4	3-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-8	38
5	1-Octadecene	252	C18H36	000112-88-9	25





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ClientSampleId : ENV-105-6(5-10)

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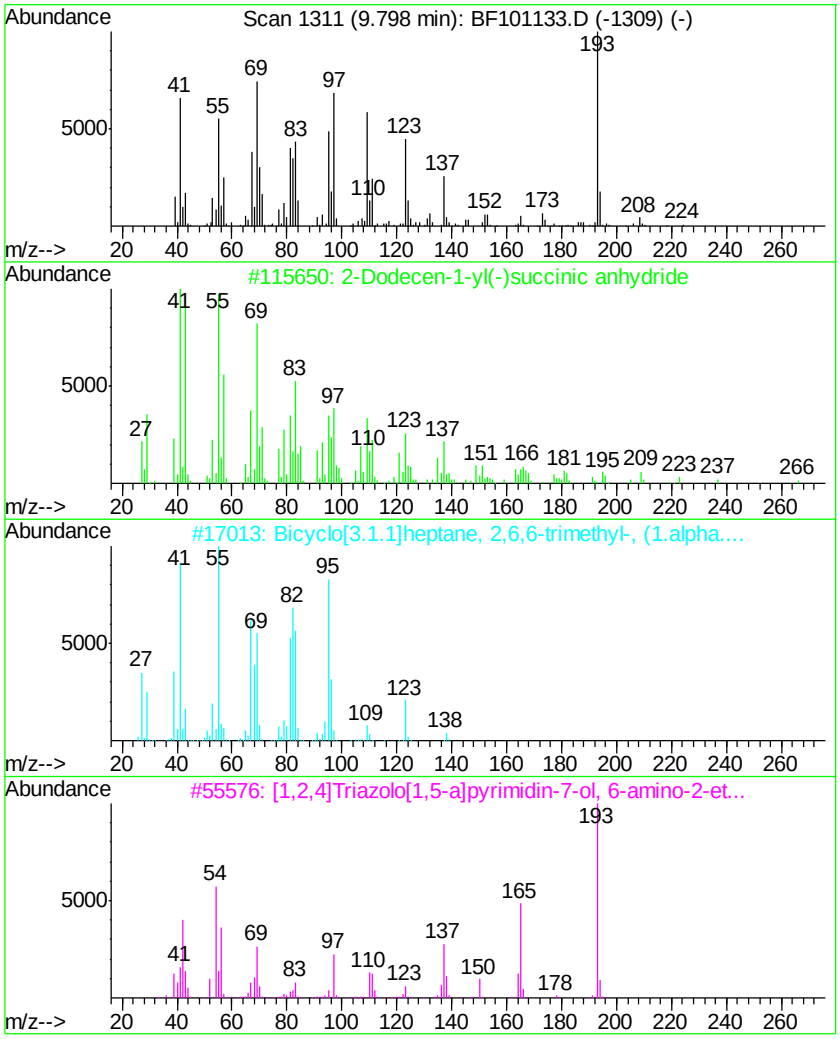
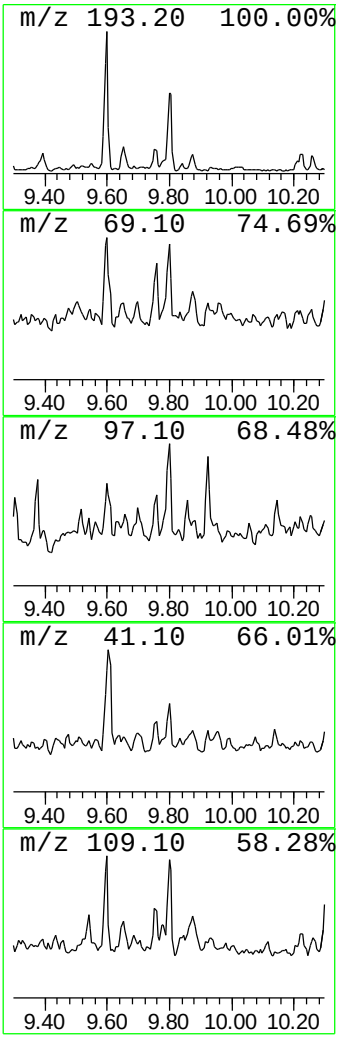
Peak Number 14 unknown9.80 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	33.35 ng	516816	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	27
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	25
3	[1,2,4]Triazolo[1,5-a]pyrimidin-...	193	C8H11N5O	1000351-50-1	22
4	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	18
5	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	18





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Sample : I6709-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
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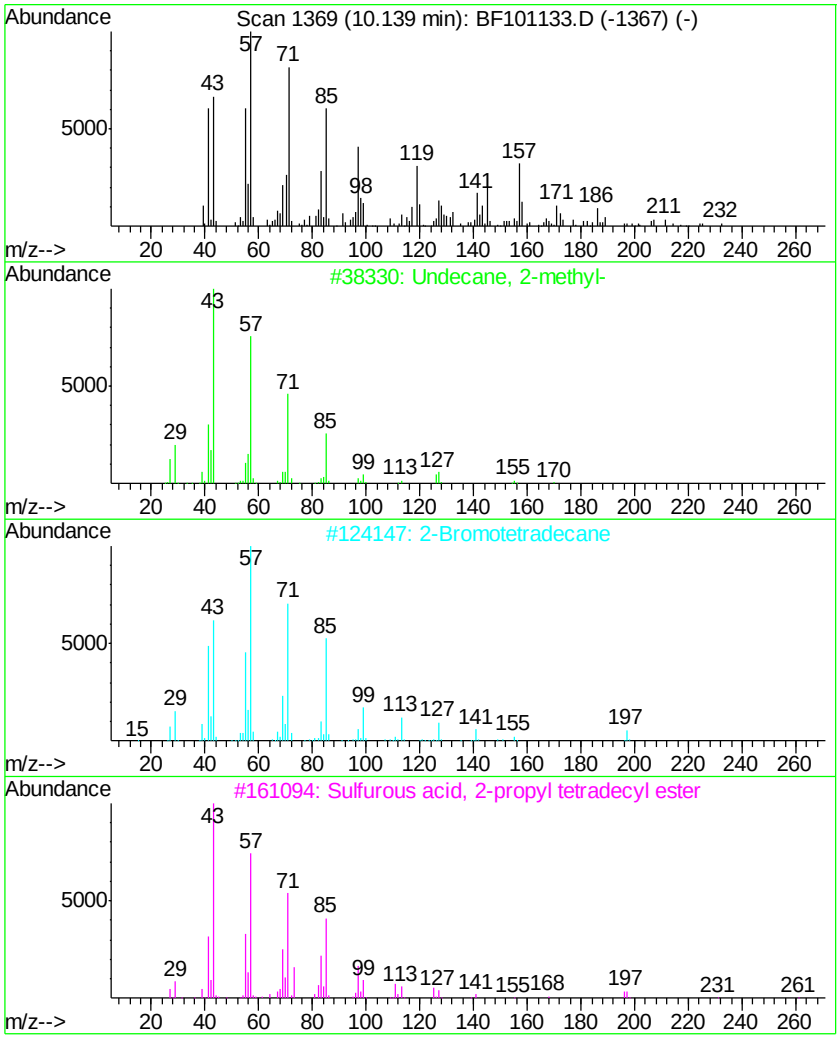
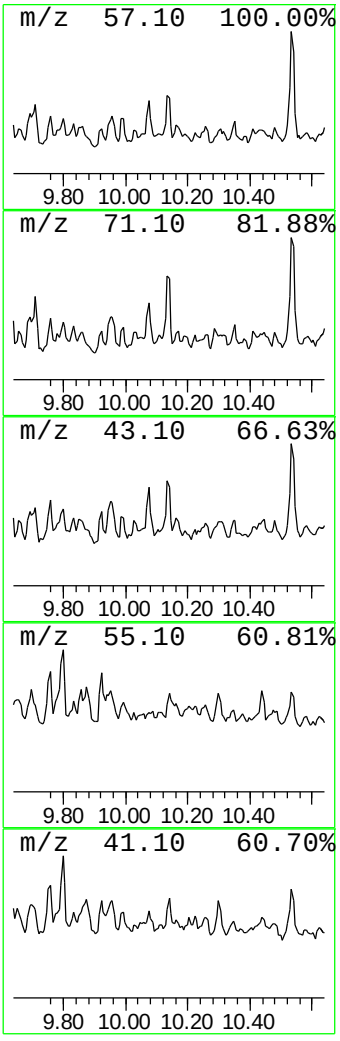
Peak Number 15 unknown10.14 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	15.26 ng	236437	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	45
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	38
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	38
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	38
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	35





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ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Integration Parameters: LSCINT.P

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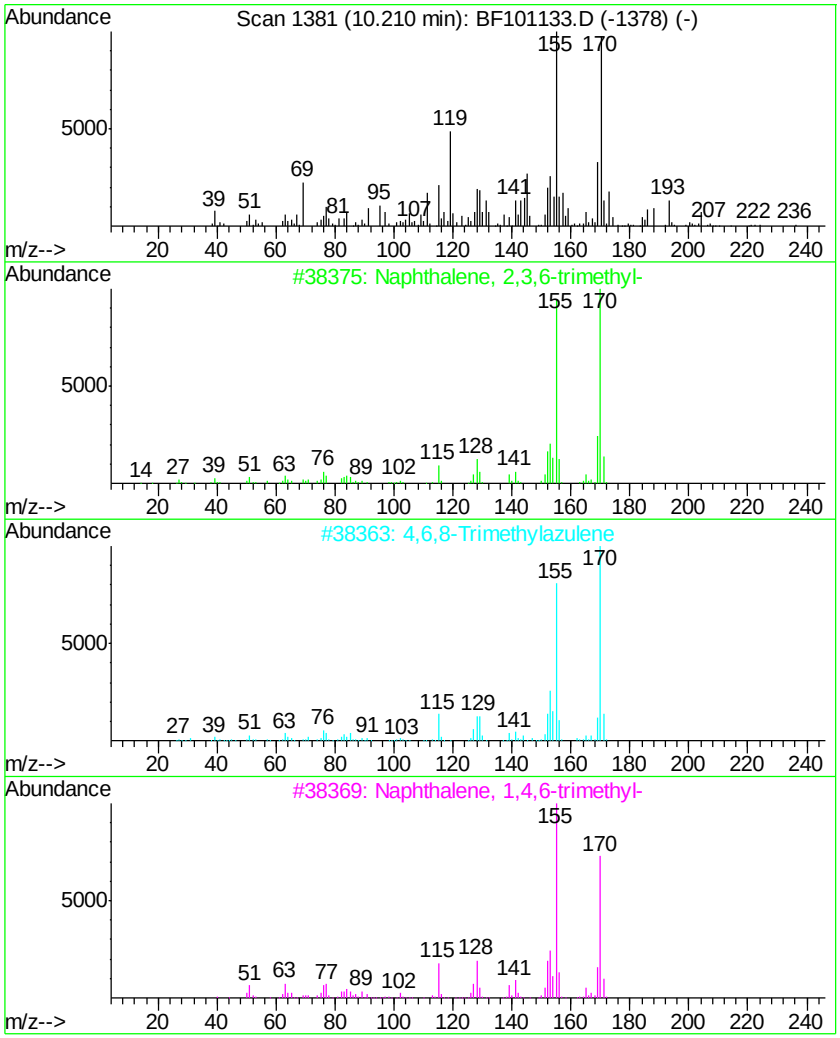
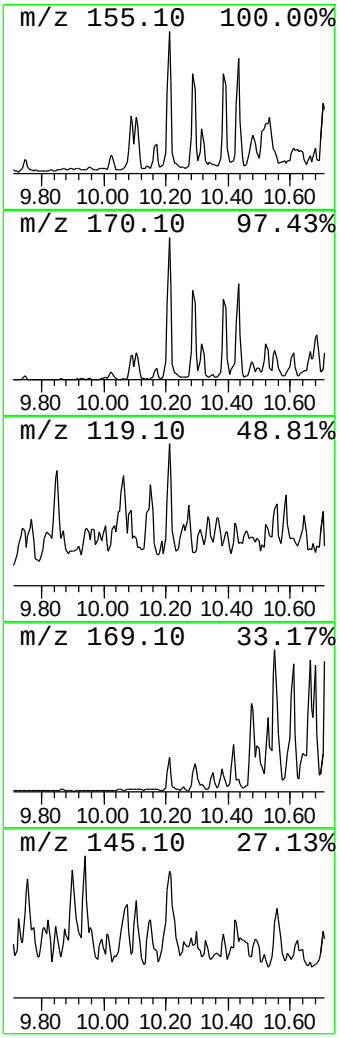
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	35.39 ng	548539	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





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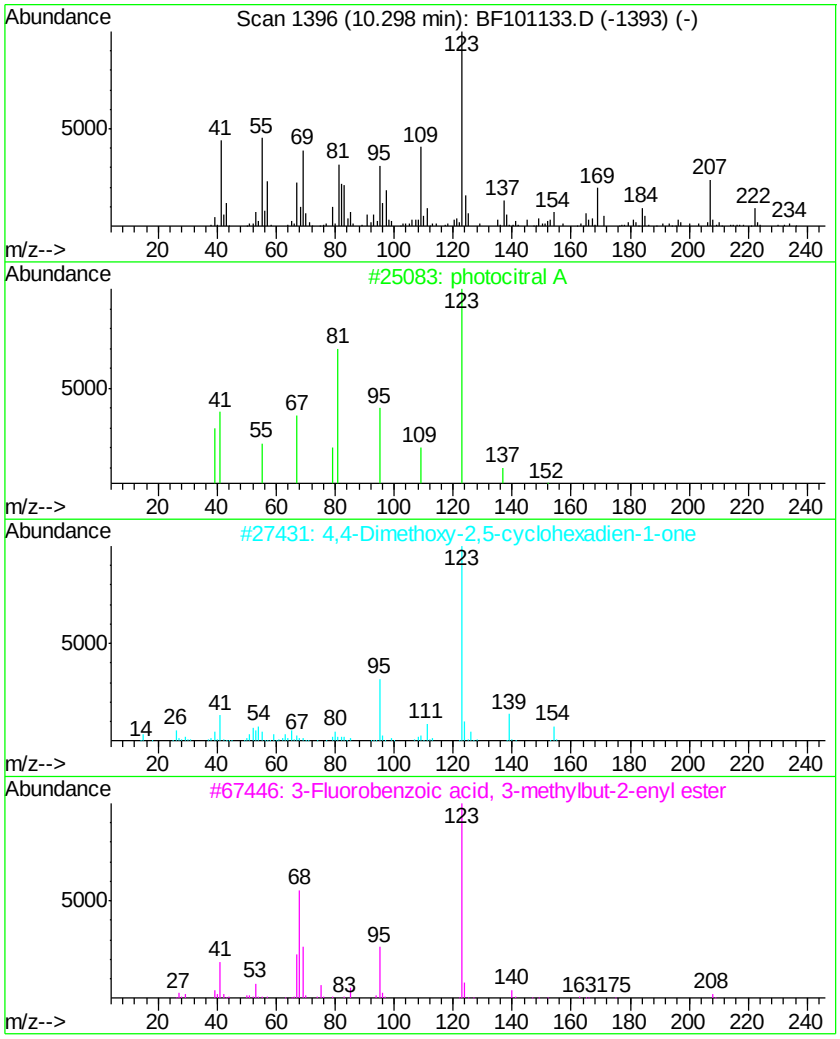
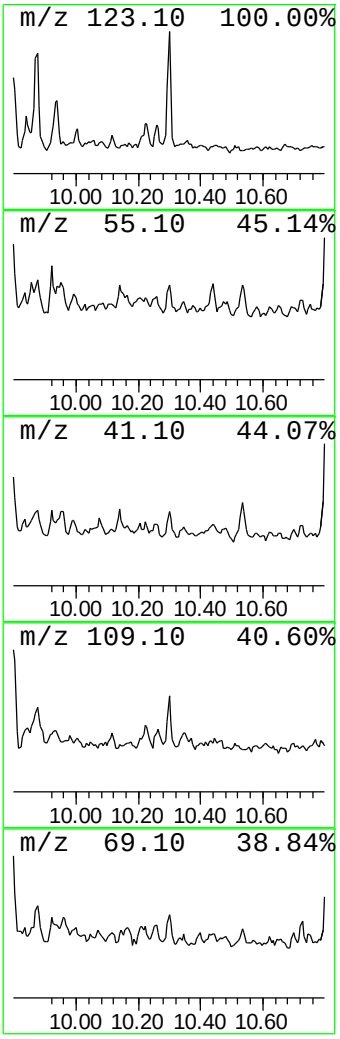
Peak Number 17 unknown10.30 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	21.21 ng	328790	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	photocitral A	152	C10H16O	055253-28-6	43
2	4,4-Dimethoxy-2,5-cyclohexadien-...	154	C8H10O3	000935-50-2	38
3	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	38
4	1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	38
5	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-15-1	38





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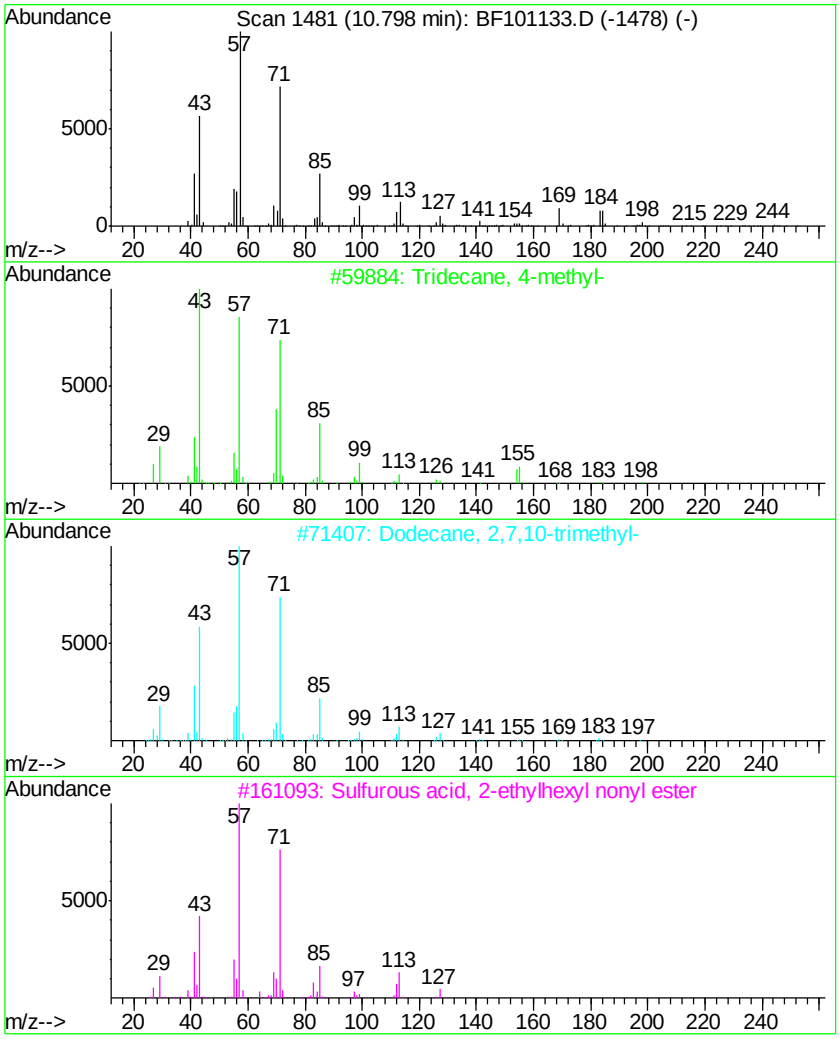
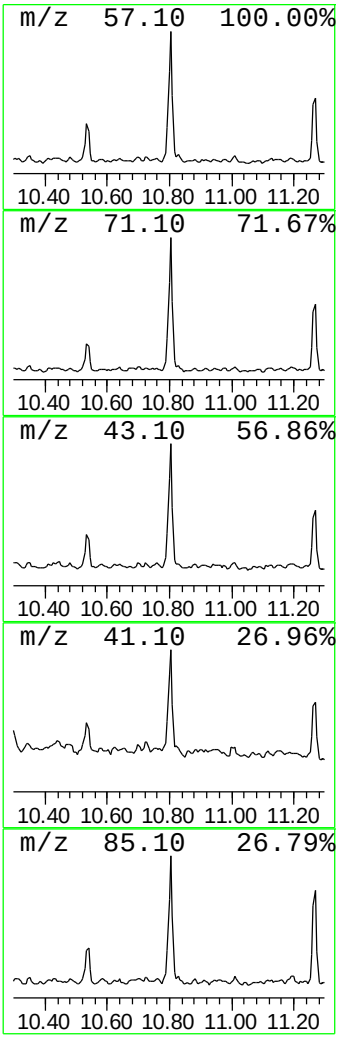
Peak Number 18 Tridecane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	81.75 ng	1705300	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101133.D
Acq On : 5 Dec 2017 19:15
Operator : SJ/JU
Sample : I6709-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

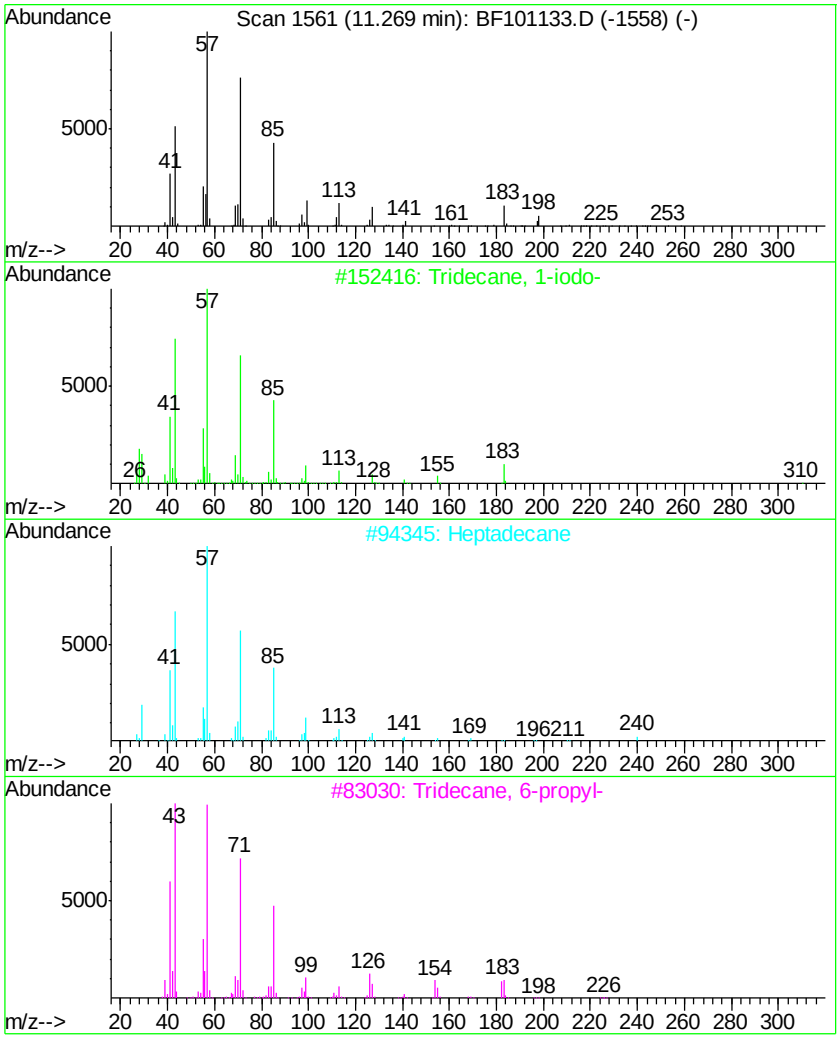
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

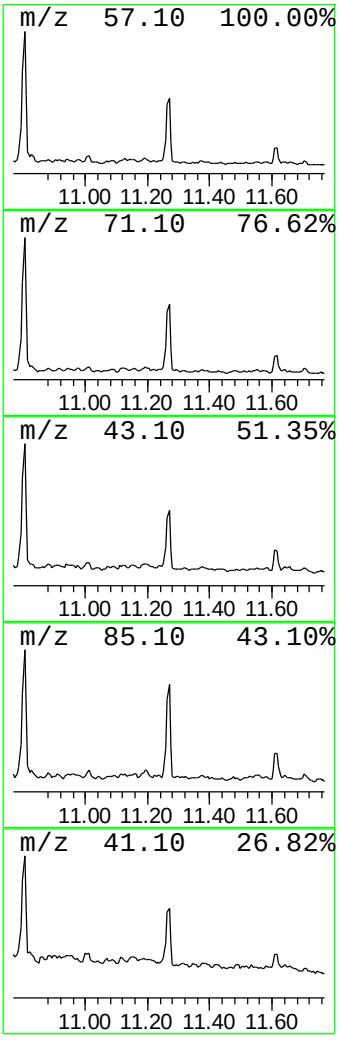
****

Peak Number 19 Tridecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	44.38 ng	925761	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101133.D
Acq On : 5 Dec 2017 19:15
Operator : SJ/JU
Sample : I6709-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

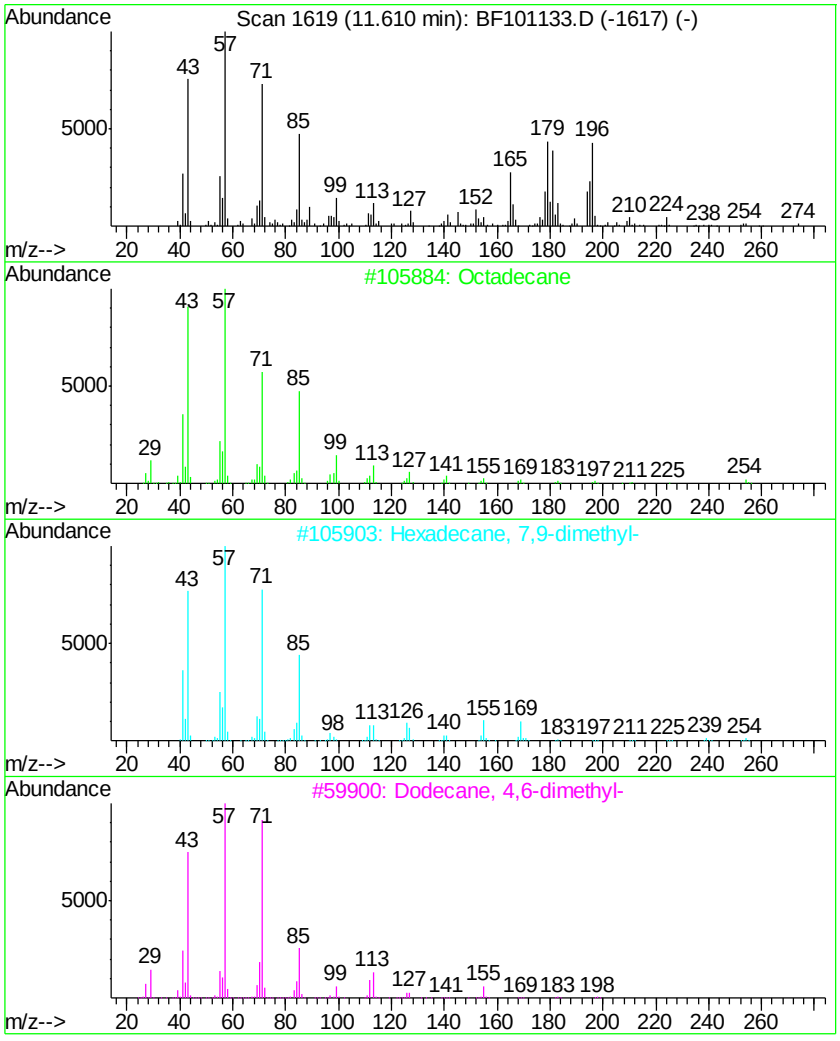
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

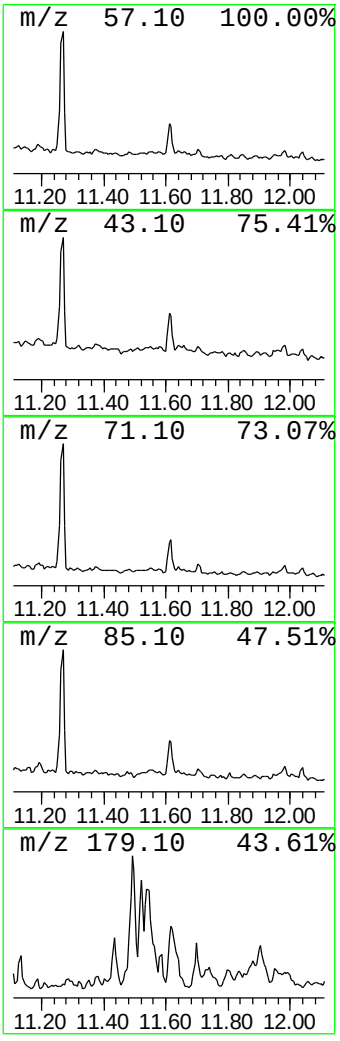
****

Peak Number 20 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	19.01 ng	396619	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	64
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	62
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53
4	Heneicosane	296	C21H44	000629-94-7	20
5	Hexacosane	366	C26H54	000630-01-3	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
Data File : BF101133.D
Acq On : 5 Dec 2017 19:15
Operator : SJ/JU
Sample : I6709-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-105-6(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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
unknown6.62	6.62	98.5	ng	1374400	1	6.85	279049	20.0
3-Tridecene, (Z)-	8.33	13.9	ng	293045	2	8.13	422917	20.0
Decane, 2,6,7-tri...	8.55	35.9	ng	758734	2	8.13	422917	20.0
Cyclopentane, (2-...	8.67	17.0	ng	359613	2	8.13	422917	20.0
unknown8.75	8.75	12.9	ng	272366	2	8.13	422917	20.0
Tetradecane, 1-ch...	8.81	17.6	ng	372762	2	8.13	422917	20.0
unknown8.91	8.91	16.3	ng	343581	2	8.13	422917	20.0
Dodecane, 2,7,10-...	9.15	50.8	ng	787492	3	9.89	309967	20.0
Decahydro-4,4,8,9...	9.29	50.2	ng	777957	3	9.89	309967	20.0
unknown9.40	9.40	12.8	ng	197611	3	9.89	309967	20.0
unknown9.43	9.43	12.2	ng	188582	3	9.89	309967	20.0
unknown9.76	9.76	31.8	ng	492371	3	9.89	309967	20.0
unknown9.80	9.80	33.4	ng	516816	3	9.89	309967	20.0
unknown10.14	10.14	15.3	ng	236437	3	9.89	309967	20.0
Naphthalene, 2,3,...	10.21	35.4	ng	548539	3	9.89	309967	20.0
unknown10.30	10.30	21.2	ng	328790	3	9.89	309967	20.0
Tridecane, 4-methyl-	10.80	81.8	ng	1705300	4	11.39	417186	20.0
Tridecane, 1-iodo-	11.27	44.4	ng	925761	4	11.39	417186	20.0
Octadecane	11.61	19.0	ng	396619	4	11.39	417186	20.0