LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103814.D
Acq On : 20 Mar 2018 20:36
Operator : JU/SJ
Sample : J1982-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-111(5-6)

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-BF031518.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	5.604	591	598	601	rBV	3445099	4309998	99.96%	3.932%
2	6.269	706	711	716	rBV	234555	479759	11.13%	0.438%
3	6.604	761	768	771	rBV	3251606	4308106	99.92%	3.930%
4	6.745	787	792	795	rVB	3912425	4311510	100.00%	3.933%
5	6.975	827	831	834	rVB	1383696	1189369	27.59%	1.085%
6	7.134	851	858	860	rBV	3182749	3590009	83.27%	3.275%
7	7.234	870	875	878	rBV3	580800	666288	15.45%	0.608%
8	7.345	890	894	896	rBV3	239840	282611	6.55%	0.258%
9	7.504	915	921	923	rBV4	652056	1022635	23.72%	0.933%
10	7.539	923	927	931	rVB	2728091	2879085	66.78%	2.627%
11	7.610	934	939	942	rBV4	618820	978432	22.69%	0.893%
12	7.663	942	948	951	rBV2	621887	988442	22.93%	0.902%
13	7.716	951	957	958	rBV5	285391	411632	9.55%	0.376%
14	7.739	958	961	964	rVB2	1000081	798466	18.52%	0.728%
15	7.781	964	968	972	rVB4	385858	562444	13.05%	0.513%
16	7.845	975	979	981	rBV3	316772	510547	11.84%	0.466%
17	7.869	981	983	985	rVB	751906	531813	12.33%	0.485%
18	7.898	985	988	990	rBV4	551072	559386	12.97%	0.510%
19	7.922	990	992	996	rVB2	893493	939023	21.78%	0.857%
20	7.957	996	998	1001	rVB3	329545	320992	7.45%	0.293%
21	8.004	1001	1006	1010	rBV6	524598	1050787	24.37%	0.959%
22	8.069	1013	1017	1022	rBV4	560900	715083	16.59%	0.652%
23	8.122	1022	1026	1029	rBV2	642282	732590	16.99%	0.668%
24	8.151	1029	1031	1033	rBV2	429601	400731	9.29%	0.366%
25	8.186	1034	1037	1038	rBV3	528787	488850	11.34%	0.446%
26	8.239	1042	1046	1047	rBV4	796833	848868	19.69%	0.774%
27	8.257	1047	1049	1051	rVV2	1051835	961083	22.29%	0.877%
28	8.275	1051	1052	1054	rVB2	772922	525946	12.20%	0.480%
29	8.310	1054	1058	1060	rVB	3116227	3227193	74.85%	2.944%
30	8.339	1060	1063	1071	rBV5	1414684	1987810	46.10%	1.814%
31	8.404	1071	1074	1075	rBV	558699	610025	14.15%	0.557%
32	8.433	1076	1079	1080	rBV	396181	363612	8.43%	0.332%
33	8.457	1080	1083	1089	rVB3	1192095	1189166	27.58%	1.085%
34	8.504	1089	1091	1094	rBV2	396175	543665	12.61%	0.496%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103814.D
Acq On : 20 Mar 2018 20:36
Operator : JU/SJ
Sample : J1982-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-111(5-6)

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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.539	1094	1097	1102	rBV2	1618678	1885544	43.73%	1.720%
36	8.598	1105	1107	1110	rBV5	368668	331727	7.69%	0.303%
37	8.628	1110	1112	1115	rBV3	576307	611394	14.18%	0.558%
38	8.669	1115	1119	1121	rBV	1983094	1749683	40.58%	1.596%
39	8.692	1121	1123	1132	rVB7	971868	1507438	34.96%	1.375%
40	8.763	1132	1135	1137	rBV2	970703	983286	22.81%	0.897%
41	8.798	1138	1141	1143	rBV2	561100	442174	10.26%	0.403%
42	8.816	1143	1144	1147	rVB3	522201	288761	6.70%	0.263%
43	8.845	1147	1149	1150	rBV2	669118	543748	12.61%	0.496%
44	8.933	1161	1164	1170	rVB4	1372411	1757666	40.77%	1.604%
45	9.022	1177	1179	1183	rVV2	876608	1085655	25.18%	0.990%
46	9.075	1183	1188	1191	rVV2	2159063	2729311	63.30%	2.490%
47	9.098	1191	1192	1194	rVB	725076	455311	10.56%	0.415%
48	9.163	1200	1203	1206	rVB3	845529	886555	20.56%	0.809%
49	9.269	1218	1221	1223	rBV	1763447	1274244	29.55%	1.163%
50	9.333	1228	1232	1236	rVB	3105967	3414561	79.20%	3.115%
51	9.369	1236	1238	1239	rBV2	334529	266746	6.19%	0.243%
52	9.416	1242	1246	1248	rBV2	812427	903908	20.96%	0.825%
53	9.480	1255	1257	1259	rVB	671244	497902	11.55%	0.454%
54	9.545	1266	1268	1270	rVB2	436567	331332	7.68%	0.302%
55	9.604	1274	1278	1280	rBV5	646229	800787	18.57%	0.731%
56	9.680	1287	1291	1293	rBV2	963202	1175257	27.26%	1.072%
57	9.722	1296	1298	1302	rVB3	1765593	1869288	43.36%	1.705%
58	9.792	1308	1310	1311	rVV	427132	313566	7.27%	0.286%
59	9.810	1311	1313	1315	rVB3	581533	406430	9.43%	0.371%
60	9.880	1322	1325	1327	rVB2	1065989	937922	21.75%	0.856%
61	9.975	1338	1341	1343	rBV2	308082	366263	8.50%	0.334%
62	9.998	1343	1345	1346	rVV2	389831	336901	7.81%	0.307%
63	10.022	1346	1349	1351	rVB3	1129063	1044247	24.22%	0.953%
64	10.051	1351	1354	1357	rBV	1513995	1612117	37.39%	1.471%
65	10.122	1362	1366	1370	rBV3	571921	955758	22.17%	0.872%
66	10.163	1370	1373	1376	rBV3	278465	291764	6.77%	0.266%
67	10.222	1379	1383	1385	rVB3	1156058	1365338	31.67%	1.246%
68	10.257	1386	1389	1393	rBV2	1058512	1093752	25.37%	0.998%
69	10.333	1399	1402	1404	rBV	884454	785083	18.21%	0.716%
70	10.363	1404	1407	1413	rVB2	765909	904905	20.99%	0.826%
71	10.427	1413	1418	1419	rBV3	702020	880898	20.43%	0.804%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J1982-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-111(5-6)

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.569	1439	1442	1448	rVB2	2130347	2358072	54.69%	2.151%
73	10.651	1452	1456	1459	rBV2	1136387	1148026	26.63%	1.047%
74	10.810	1475	1483	1486	rVV4	1988452	2545140	59.03%	2.322%
75	10.839	1486	1488	1493	rVB3	318312	330827	7.67%	0.302%
76	10.922	1498	1502	1509	rVB2	1200391	1624917	37.69%	1.482%
77	11.386	1577	1581	1583	rBV	665893	662460	15.36%	0.604%
78	11.404	1583	1584	1587	rVB	537406	373193	8.66%	0.340%
79	11.510	1598	1602	1604	rBV	1213856	1108932	25.72%	1.012%
80	11.533	1604	1606	1610	rVB	1671127	1446540	33.55%	1.320%
81	11.586	1612	1615	1618	rVV	2007751	1712690	39.72%	1.563%
82	11.616	1618	1620	1625	rVB2	265415	280322	6.50%	0.256%
83	11.739	1637	1641	1644	rBV	770586	702989	16.30%	0.641%
84	12.010	1684	1687	1690	rBV2	530362	540485	12.54%	0.493%
85	12.127	1703	1707	1709	rBV2	965078	930974	21.59%	0.849%
86	12.304	1734	1737	1740	rBV2	355105	339994	7.89%	0.310%
87	12.745	1808	1812	1814	rBV	1744744	1798162	41.71%	1.641%
88	12.768	1814	1816	1819	rVB	871245	620433	14.39%	0.566%
89	12.963	1846	1849	1854	rVB	1704454	1700635	39.44%	1.552%
90	13.098	1868	1872	1875	rBV	2759602	2442309	56.65%	2.228%
91	13.286	1901	1904	1907	rVB	438626	400530	9.29%	0.365%
92	13.351	1912	1915	1918	rVV	429572	362940	8.42%	0.331%
93	13.974	2016	2021	2033	rVB3	575052	716356	16.61%	0.654%
94	14.157	2048	2052	2055	rVV3	1239627	1729507	40.11%	1.578%
95	14.186	2055	2057	2065	rVB	721007	630930	14.63%	0.576%
96	15.239	2232	2236	2240	rBV	424759	760658	17.64%	0.694%
97	15.568	2288	2292	2298	rVB	259254	354510	8.22%	0.323%
98	15.633	2298	2303	2310	rVV	463067	563023	13.06%	0.514%
99	15.704	2310	2315	2318	rVV	534012	741610	17.20%	0.677%
100	17.268	2576	2581	2590	rVB3	147117	309801	7.19%	0.283%

Sum of corrected areas: 109610143

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
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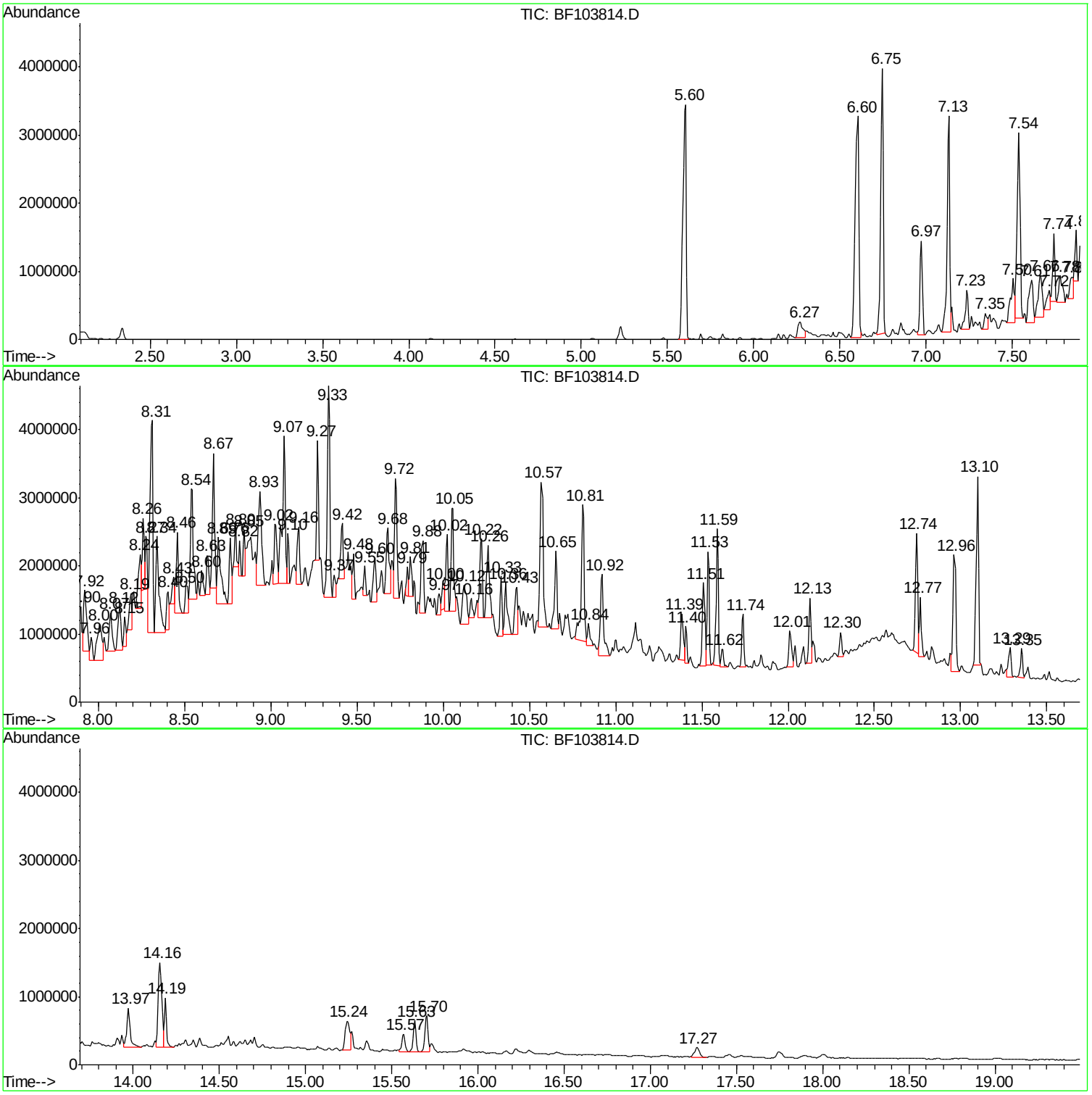
Acq On : 20 Mar 2018 20:36
Operator : JU/SJ
Sample : J1982-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-111(5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
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Acq On : 20 Mar 2018 20:36
Operator : JU/SJ
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Instrument : BNA_F
ClientSampleId : SB-111(5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

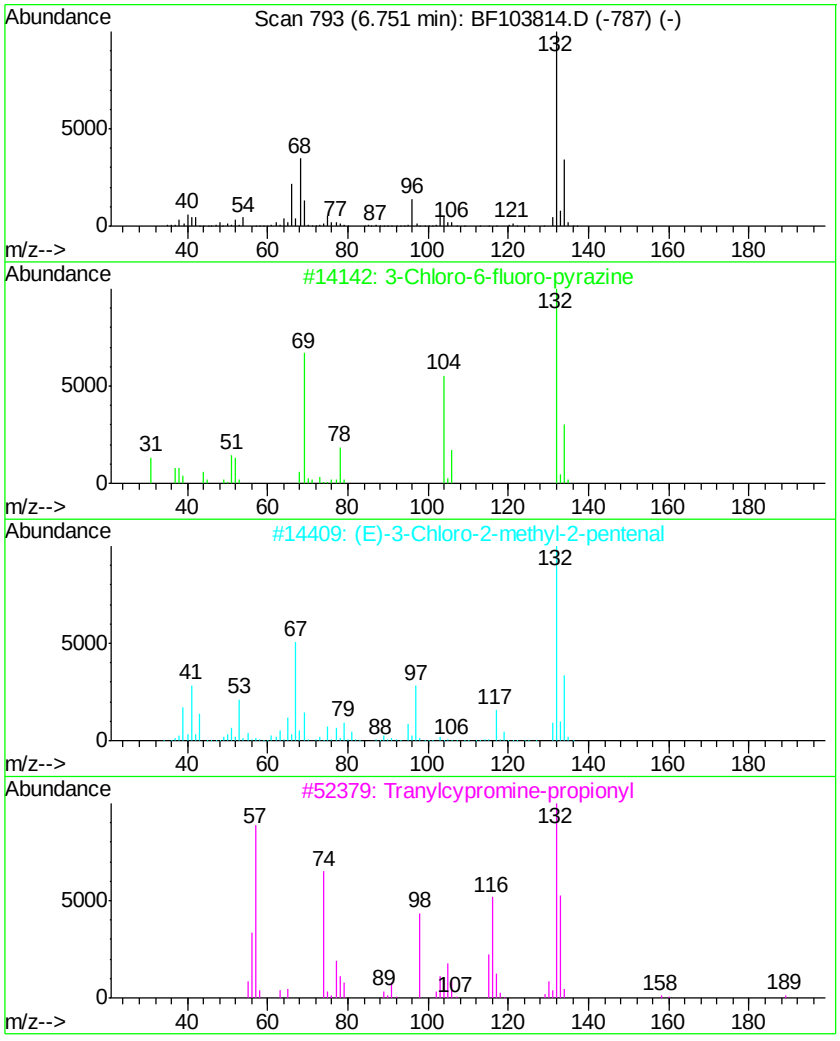
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

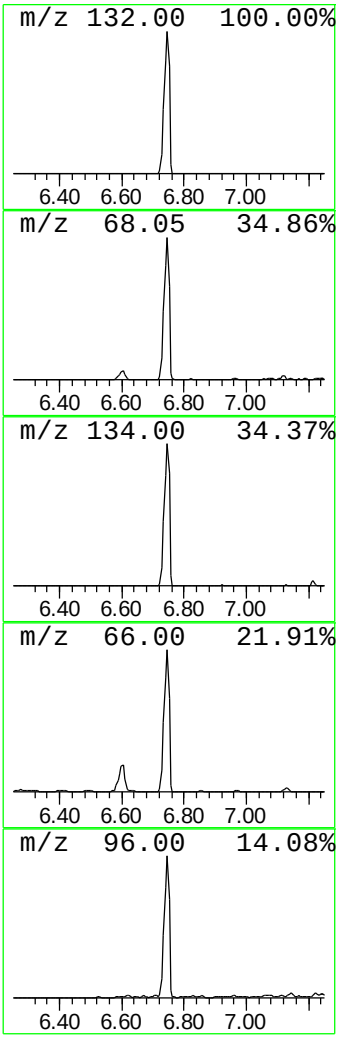
****

Peak Number 1 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	72.50 ng	4311510	1,4-Dichlorobenzene-d4	6.97

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





Library Search Compound Report

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Data File : BF103814.D
Acq On : 20 Mar 2018 20:36
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Sample : J1982-06
Misc :
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Instrument : BNA_F
ClientSampleId : SB-111(5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

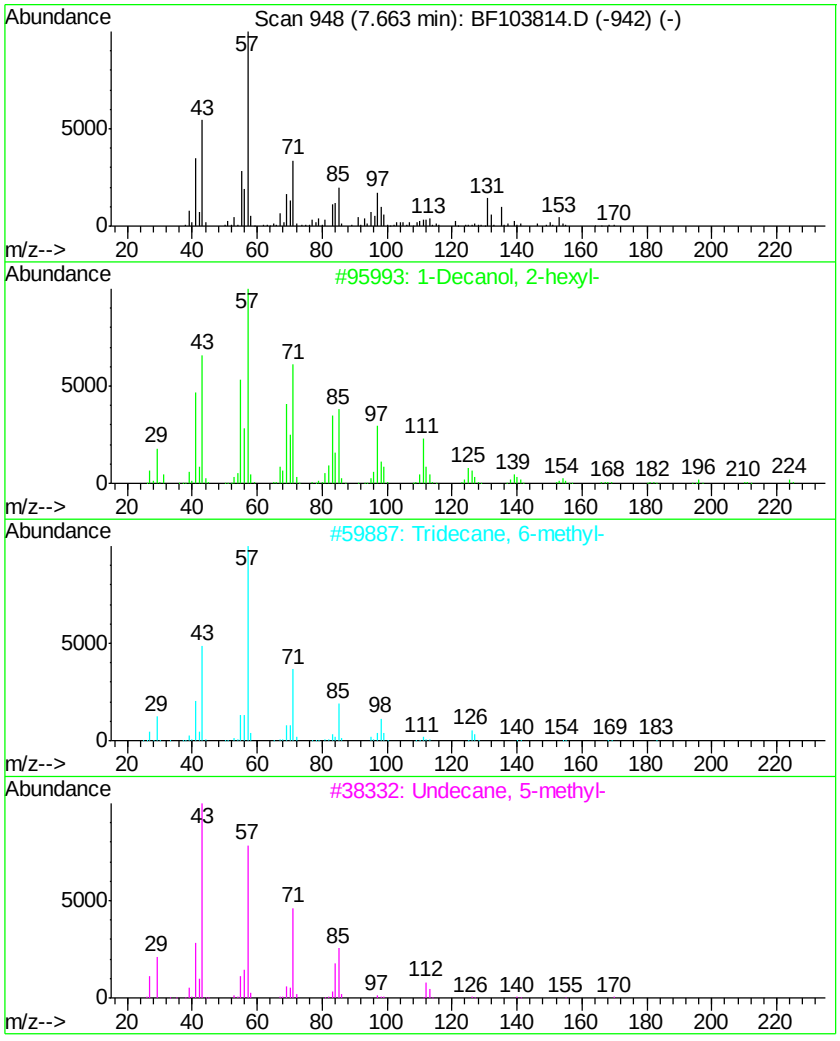
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

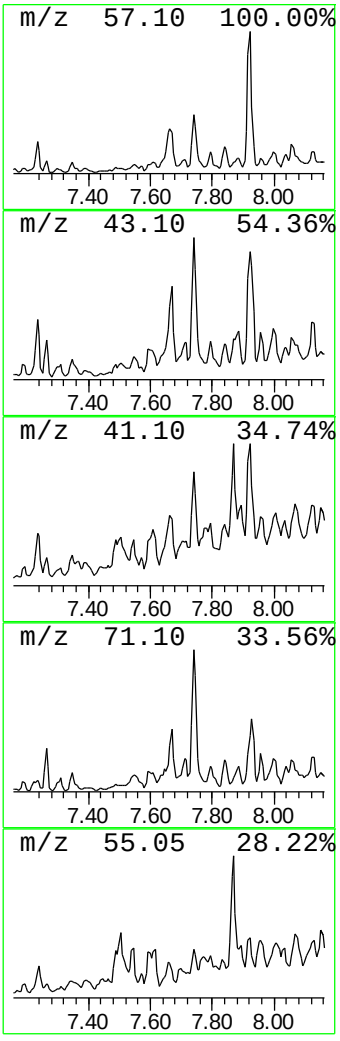
****

Peak Number 3 1-Decanol, 2-hexyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	20.57 ng	988442	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	43
4	Undecane	156	C11H24	001120-21-4	43
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	43





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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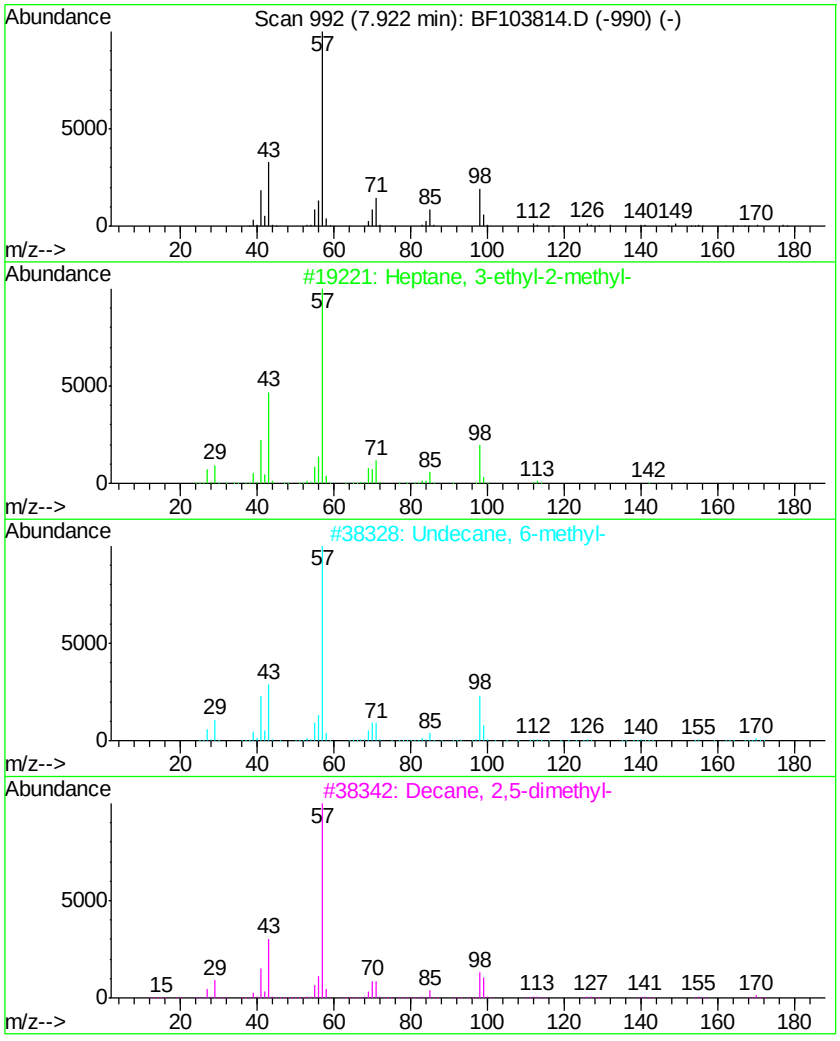
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

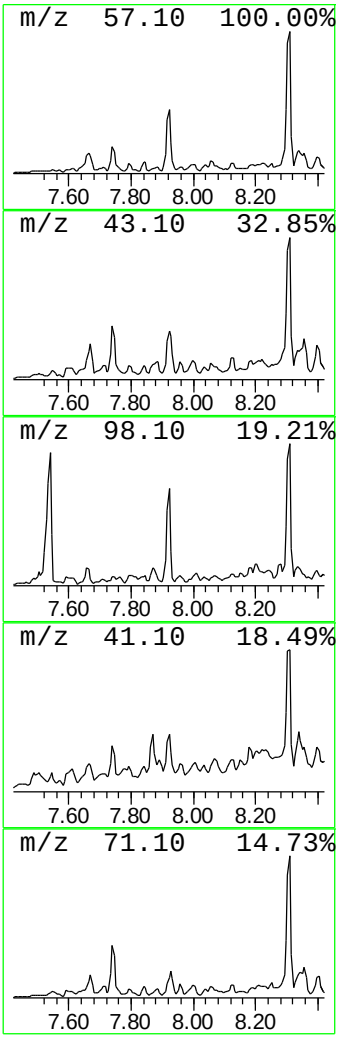
****

Peak Number 4 Heptane, 3-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	19.54 ng	939023	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	72
3	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	64
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	64
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	59





Library Search Compound Report

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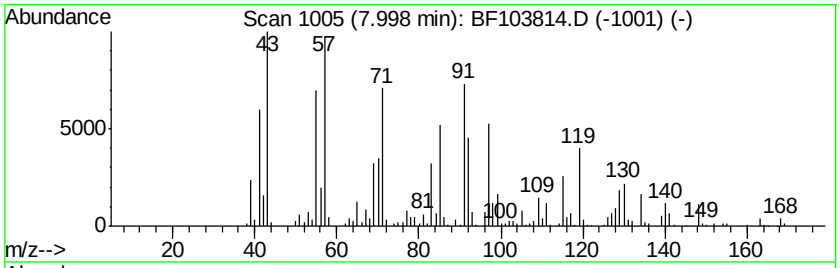
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

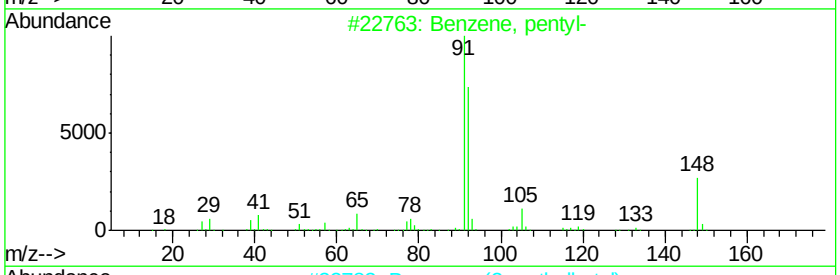
****

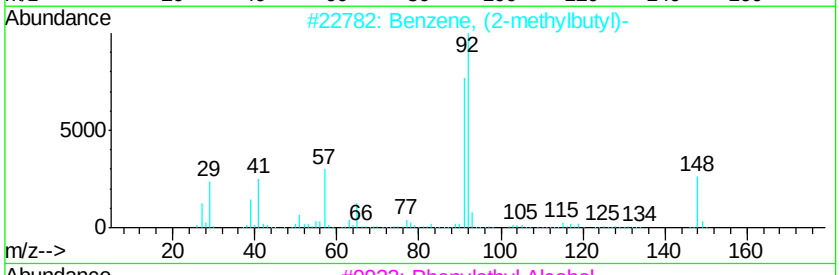
Peak Number 5 unknown8.00 Concentration Rank 12

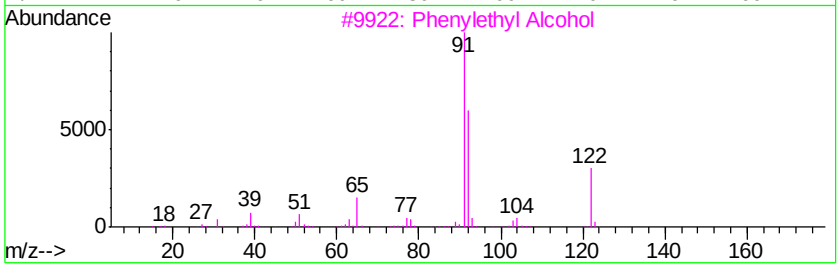
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	21.87 ng	1050790	Naphthalene-d8	8.26

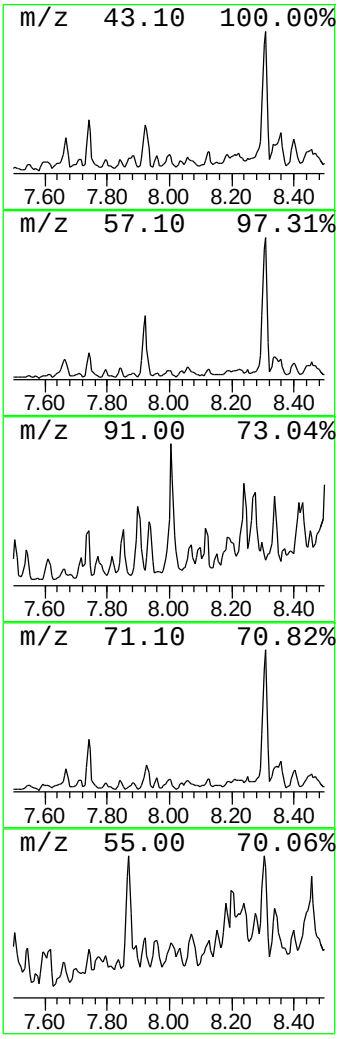
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentyl-	148	C11H16	000538-68-1	42
2	Benzene, (2-methylbutyl)-	148	C11H16	003968-85-2	25
3	Phenylethyl Alcohol	122	C8H10O	000060-12-8	20
4	Toluene	92	C7H8	000108-88-3	18
5	Benzyl isopentyl ether	178	C12H18O	000122-73-6	18











Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
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Instrument : BNA_F
ClientSampleId : SB-111(5-6)

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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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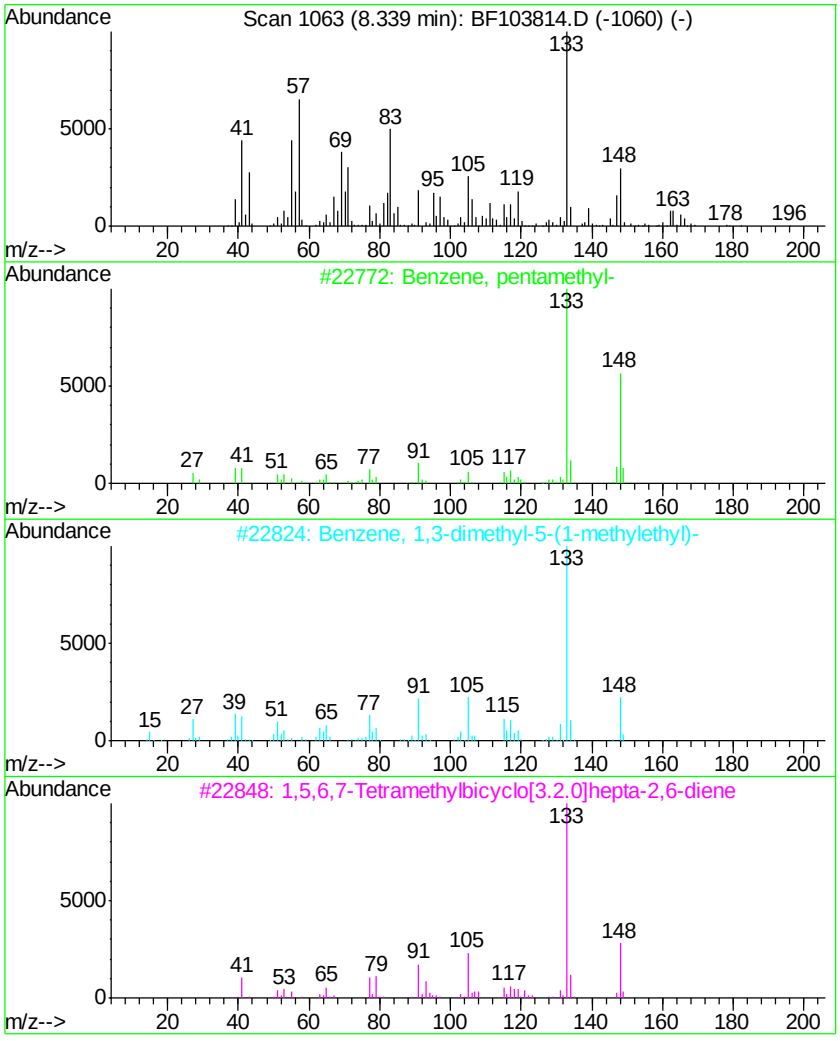
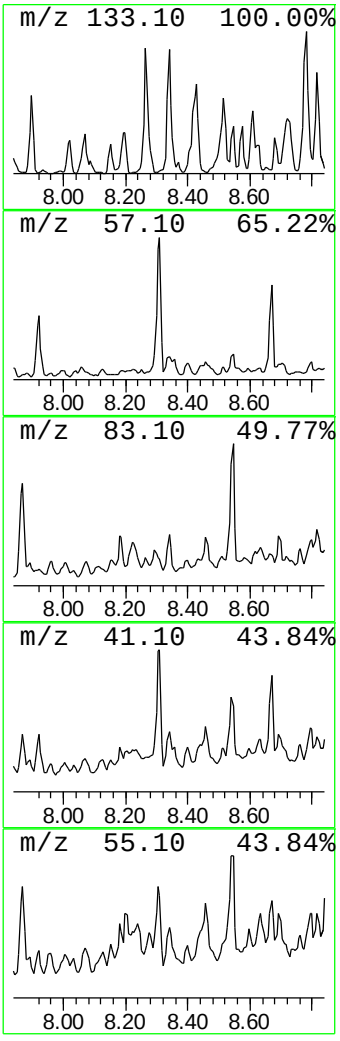
Peak Number 6 Benzene, pentamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	41.37 ng	1987810	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	60
3	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	60
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	49





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Operator : JU/SJ
Sample : J1982-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-111(5-6)

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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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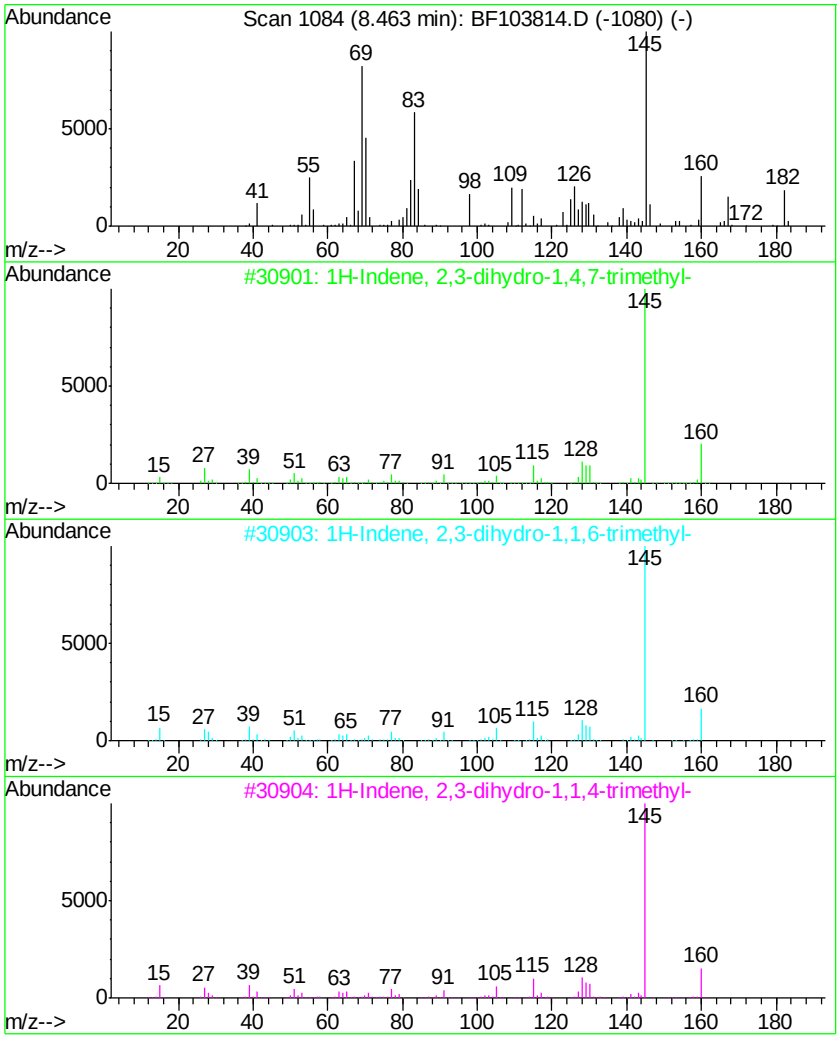
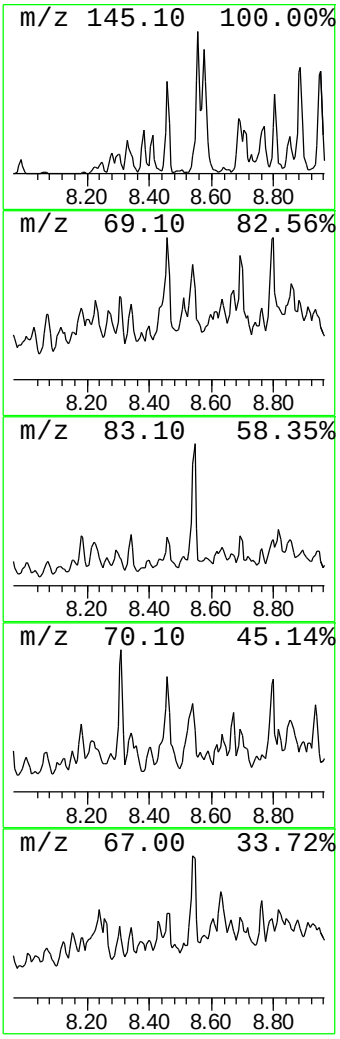
Peak Number 7 1H-Indene, 2,3-dihydro-1,4,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	24.75 ng	1189170	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	64
2	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	60
3	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	60
4	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	60
5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	58





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ClientSampleId : SB-111(5-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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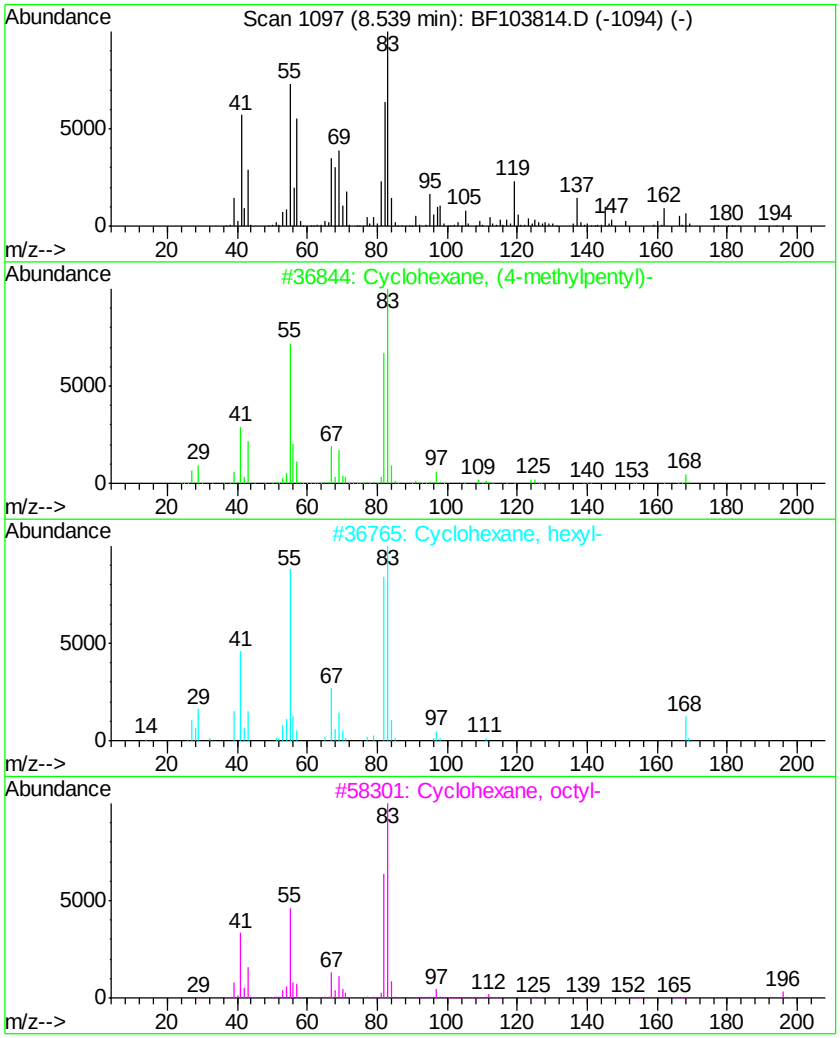
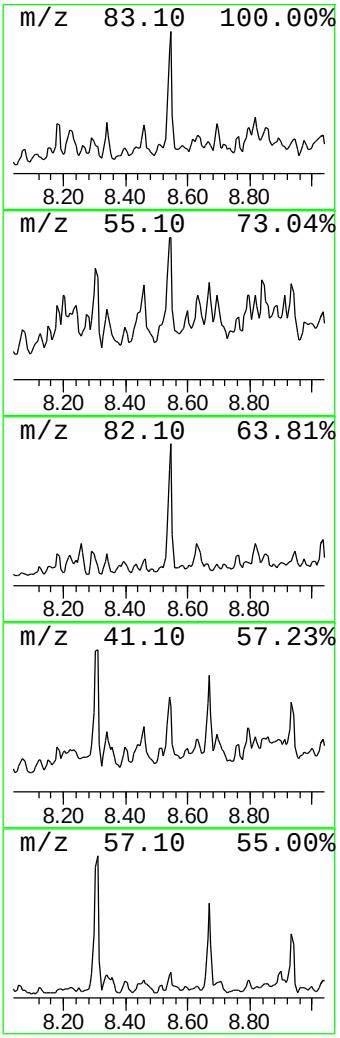
Peak Number 8 Cyclohexane, (4-methylpentyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	39.24 ng	1885540	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
5	1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	47





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Instrument : BNA_F
ClientSampleId : SB-111(5-6)

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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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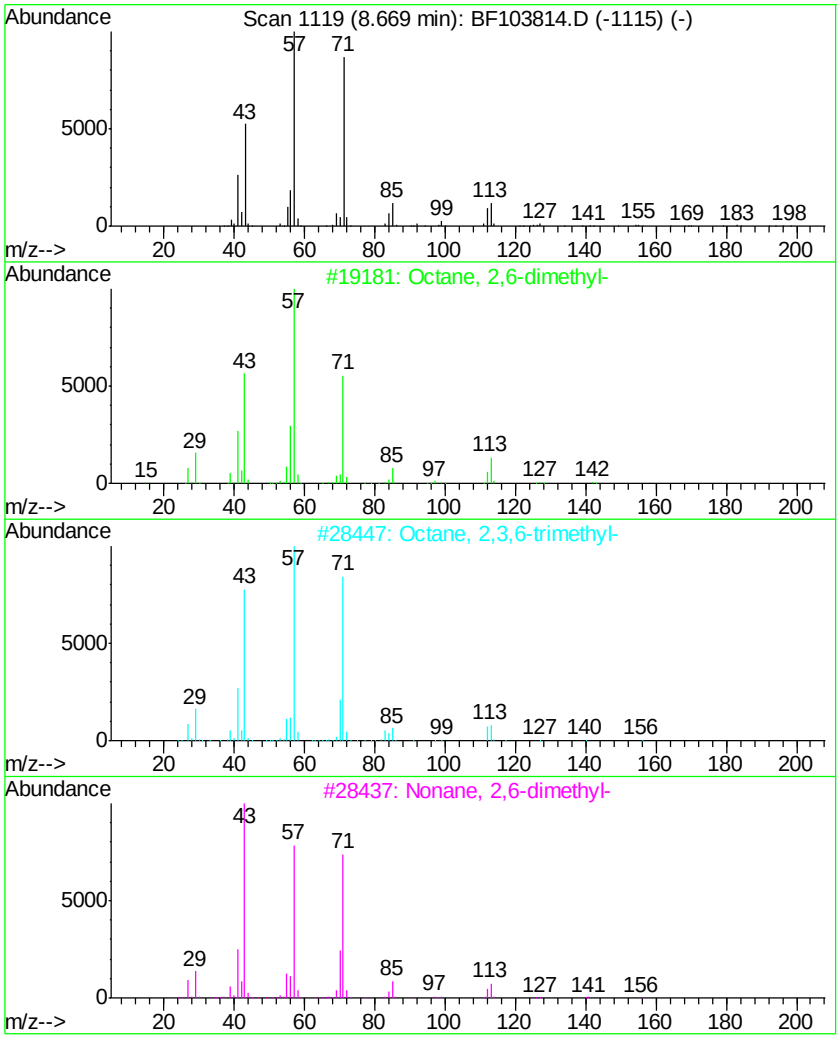
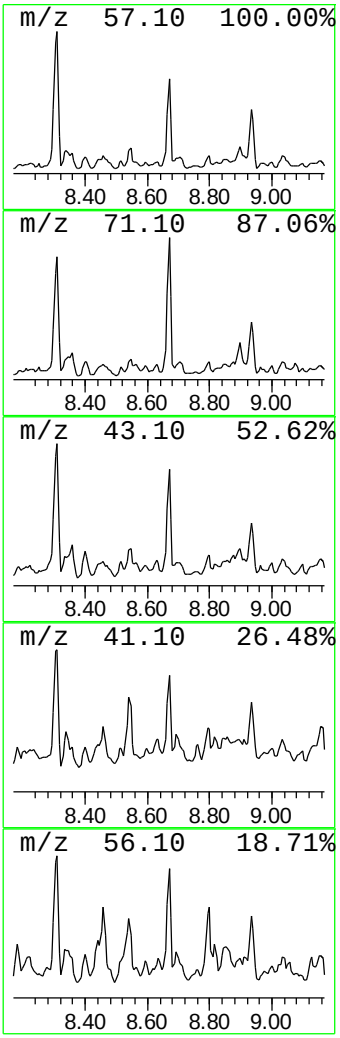
Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	36.41 ng	1749680	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	83
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	83
4	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	78
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72





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Sample : J1982-06
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ClientSampleId : SB-111(5-6)

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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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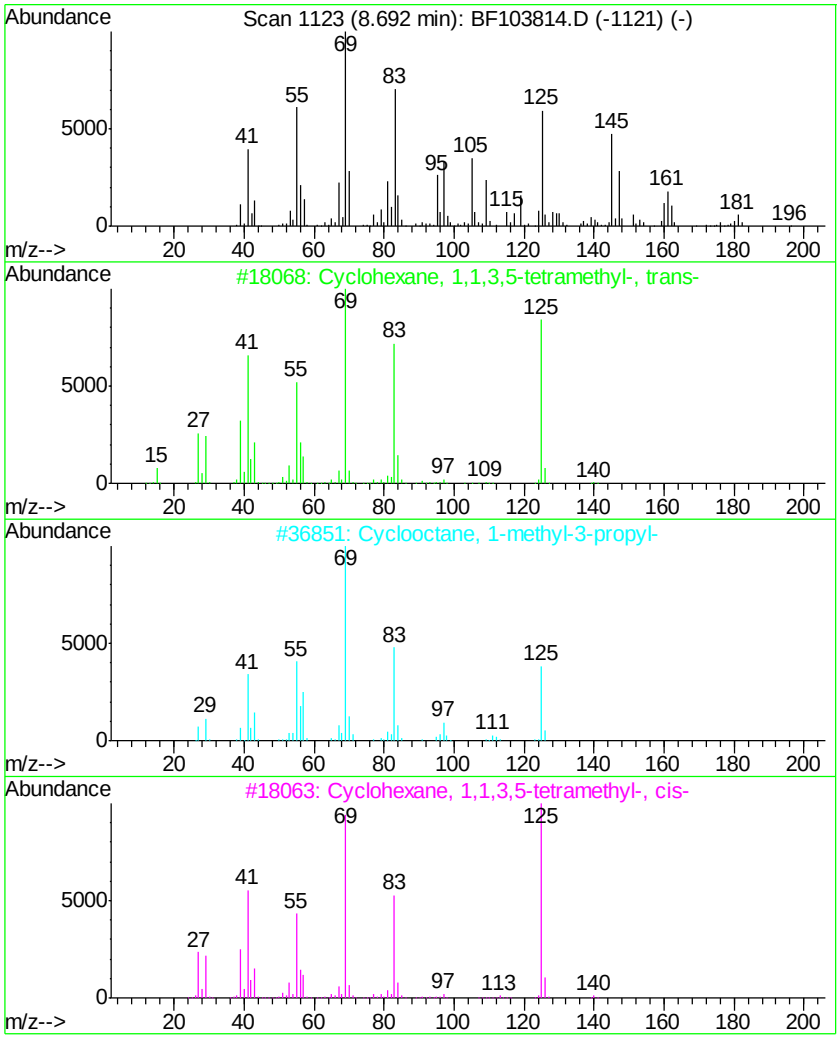
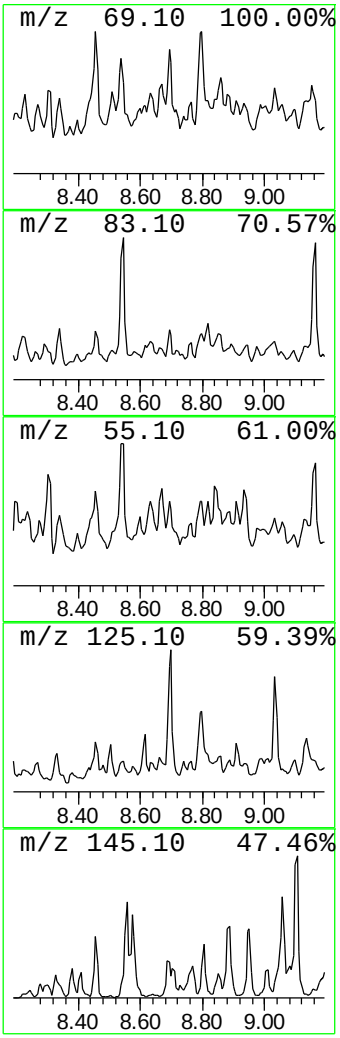
Peak Number 10 unknown8.69 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	31.37 ng	1507440	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
2	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	43
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	37
4	Cyclohexanecarboxylic acid, 4-pr...	382	C23H30N2O3	075941-50-3	37
5	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	35





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Instrument : BNA_F
ClientSampleId : SB-111(5-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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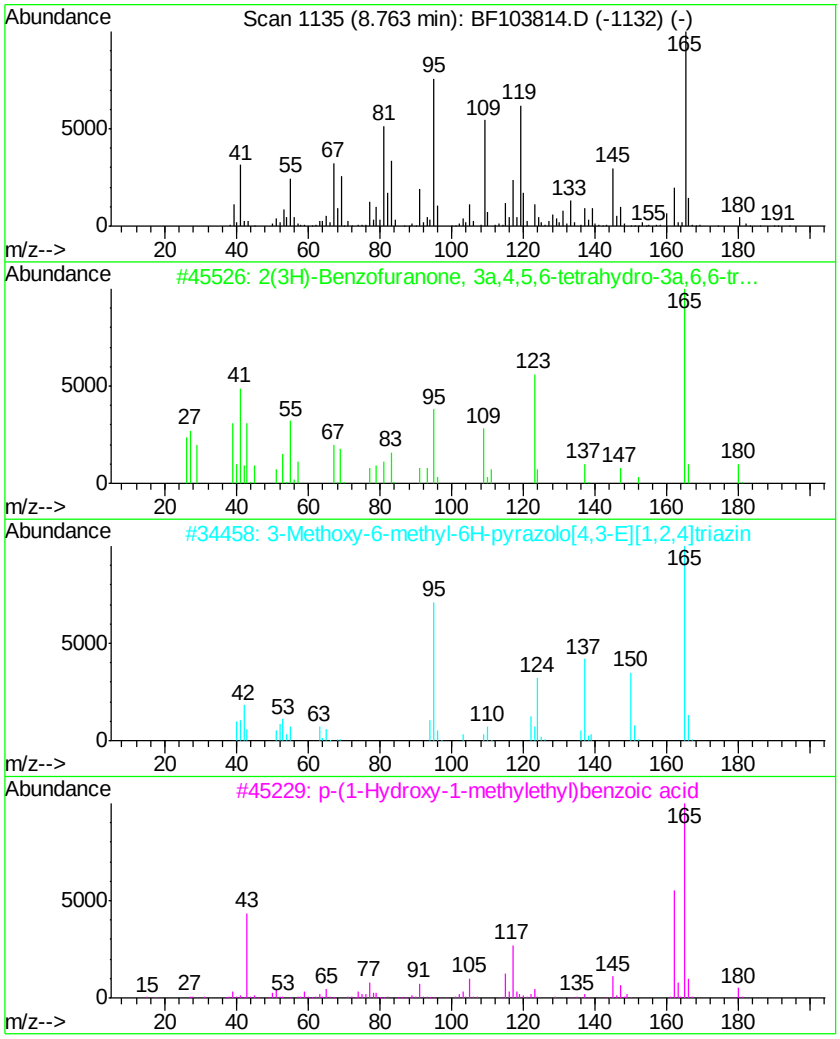
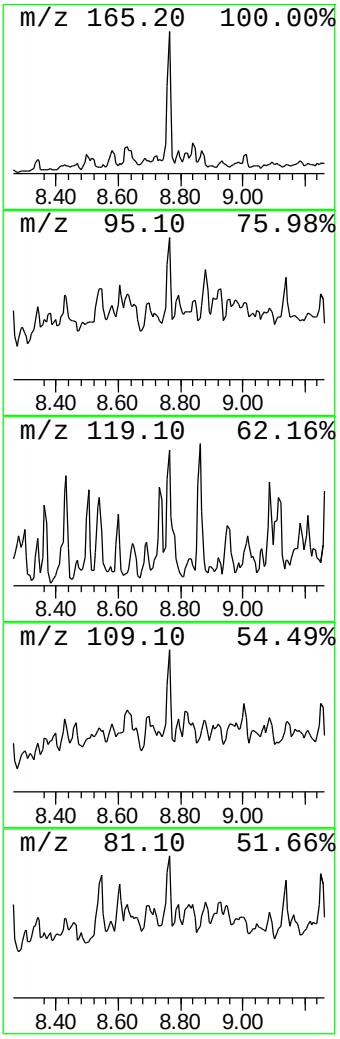
Peak Number 11 2(3H)-Benzofuranone, 3a,4,5... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	20.46 ng	983286	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzofuranone, 3a,4,5,6-te...	180	C11H16O2	016778-26-0	58
2	3-Methoxy-6-methyl-6H-pyrazolo[4...	165	C6H7N5O	037526-57-1	43
3	p-(1-Hydroxy-1-methylethyl)benzo...	180	C10H12O3	003609-50-5	30
4	4-Methylimidazole-5-butyric acid	168	C8H12N2O2	1000129-14-7	22
5	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	18





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Misc :
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ClientSampleId : SB-111(5-6)

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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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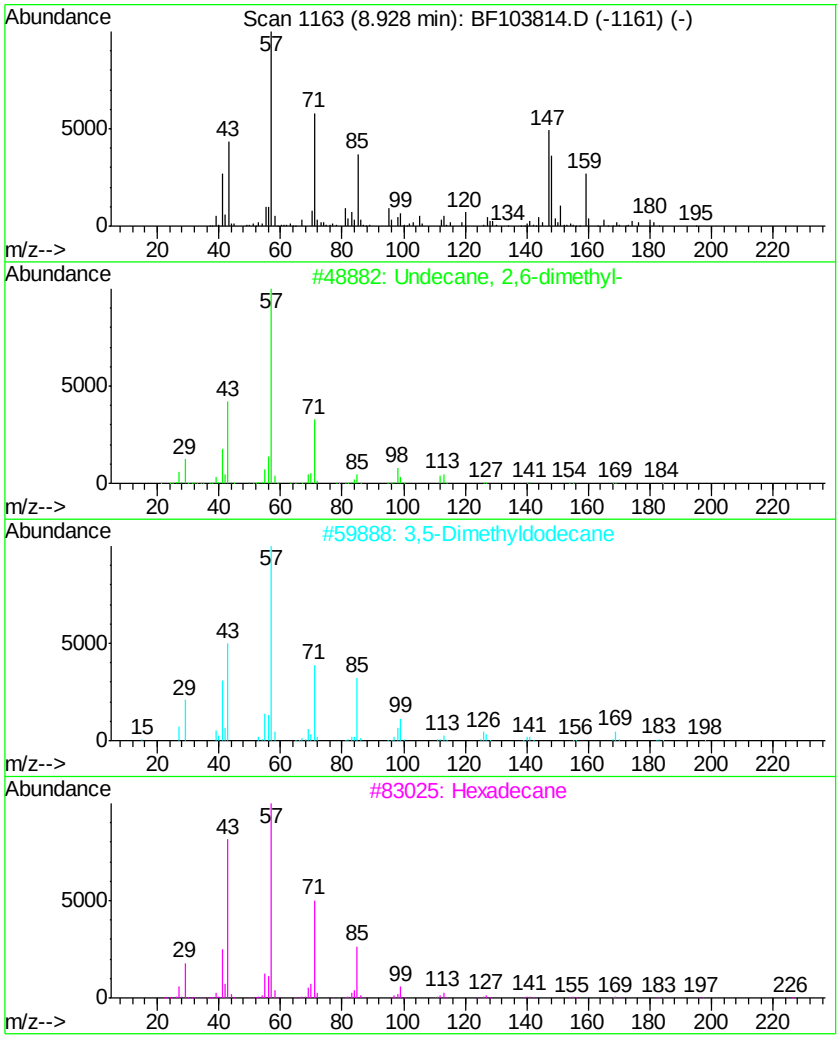
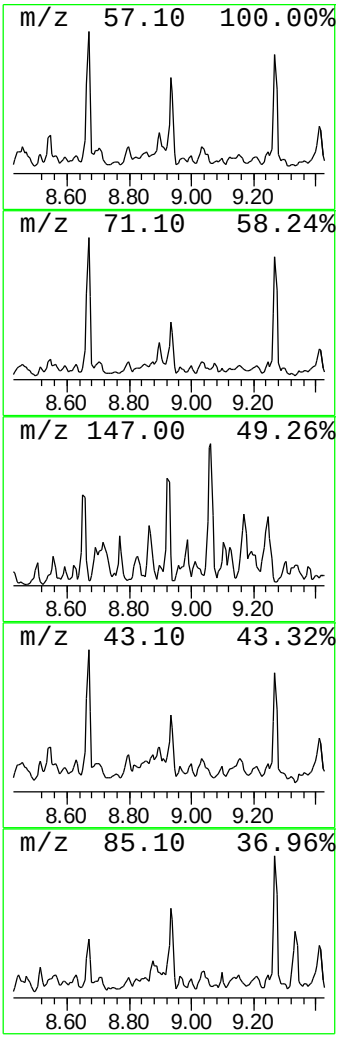
Peak Number 12 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	36.58 ng	1757670	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5	Undecane	156	C11H24	001120-21-4	59





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Sample : J1982-06
Misc :
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Instrument : BNA_F
ClientSampleId : SB-111(5-6)

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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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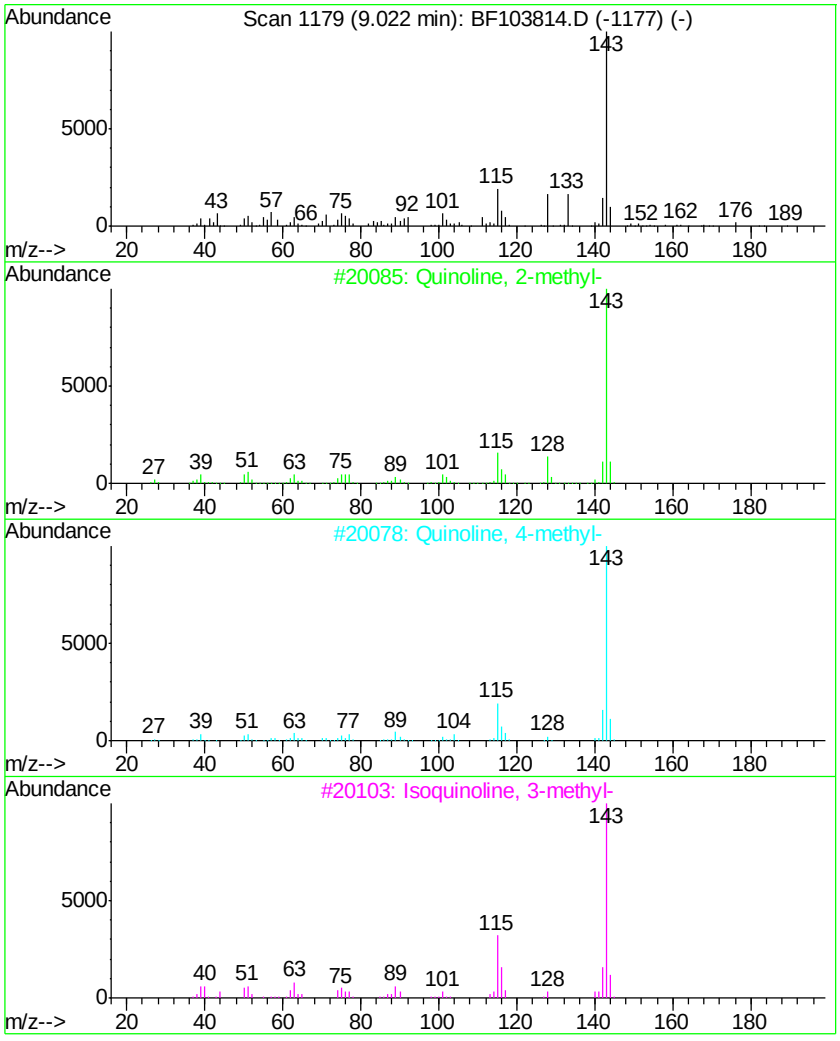
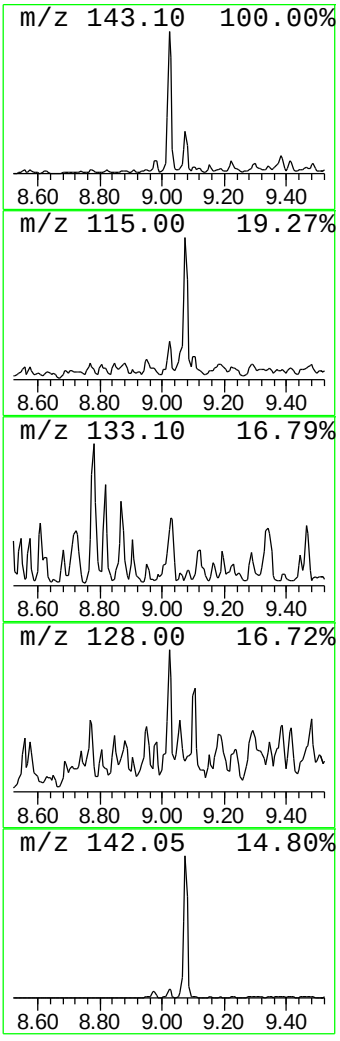
Peak Number 13 Quinoline, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	22.59 ng	1085660	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	95
2	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	87
3	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	83
4	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	83
5	1-Naphthalenamine	143	C10H9N	000134-32-7	76





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Sample : J1982-06
Misc :
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Instrument : BNA_F
ClientSampleId : SB-111(5-6)

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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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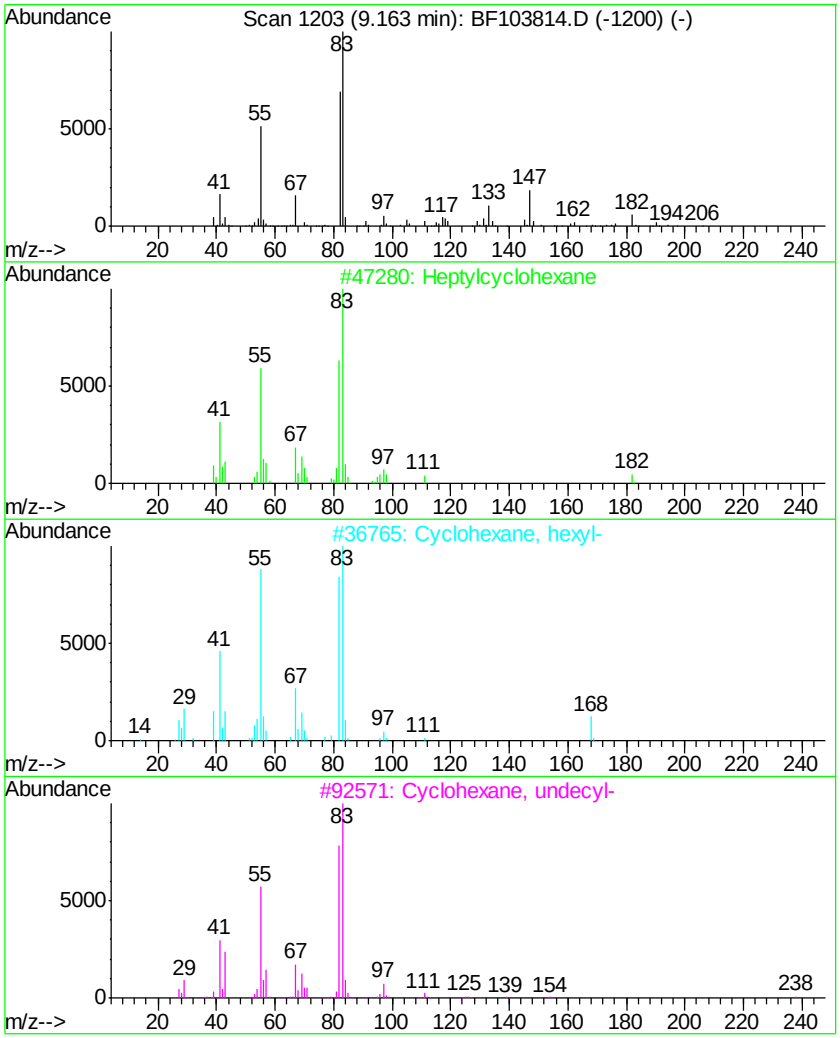
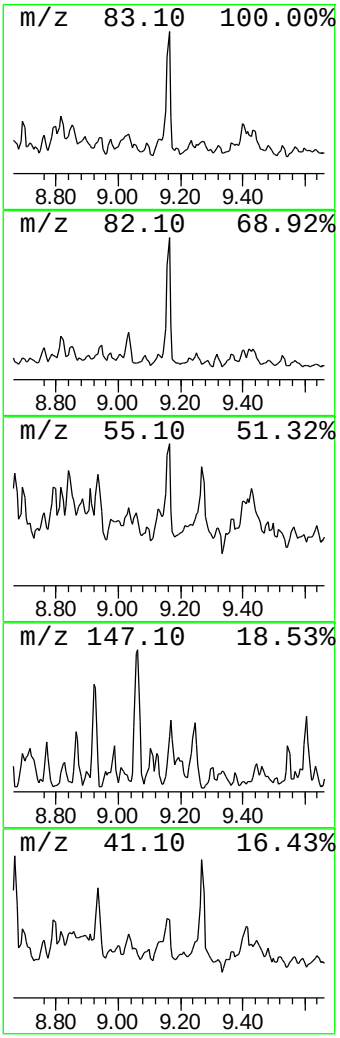
Peak Number 14 unknown9.16 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	16.98 ng	886555	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	42
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	42
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	42
4	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	42
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	42





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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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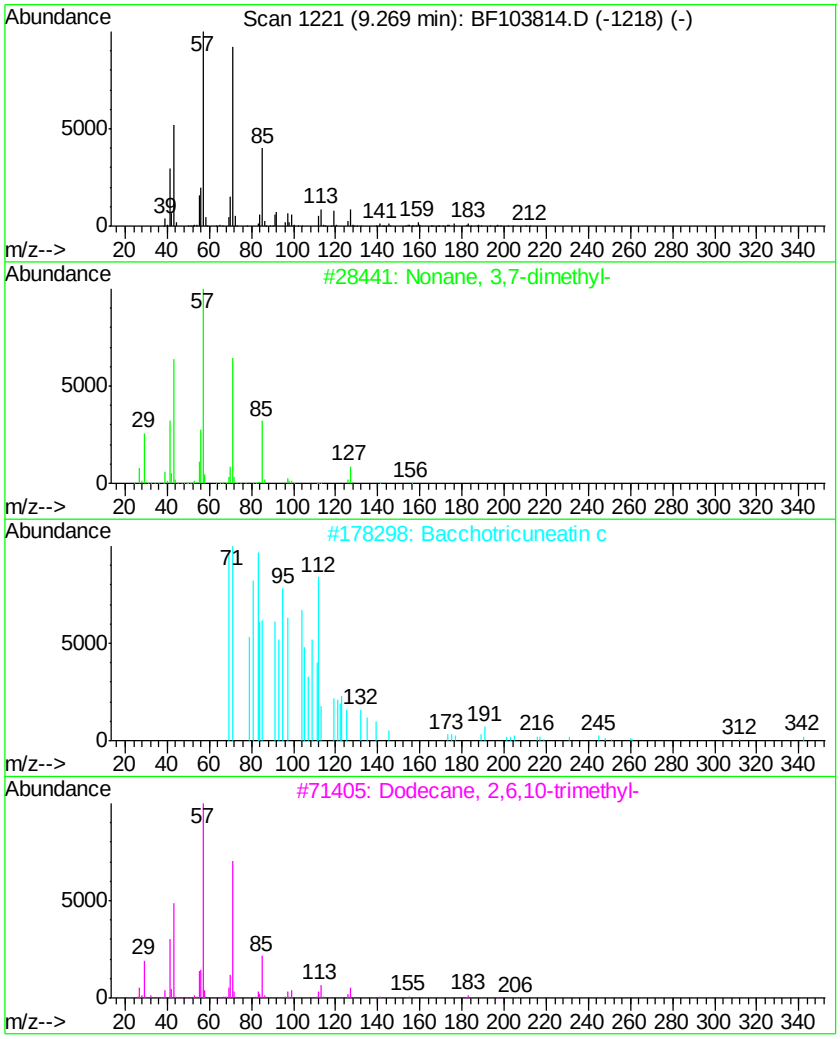
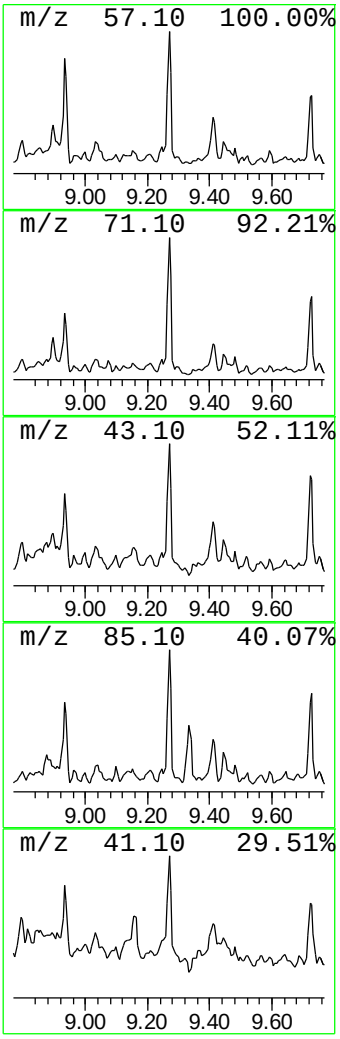
Peak Number 15 Nonane, 3,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	24.41 ng	1274240	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	78





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TIC Library : C:\DATABASE\NIST11.L
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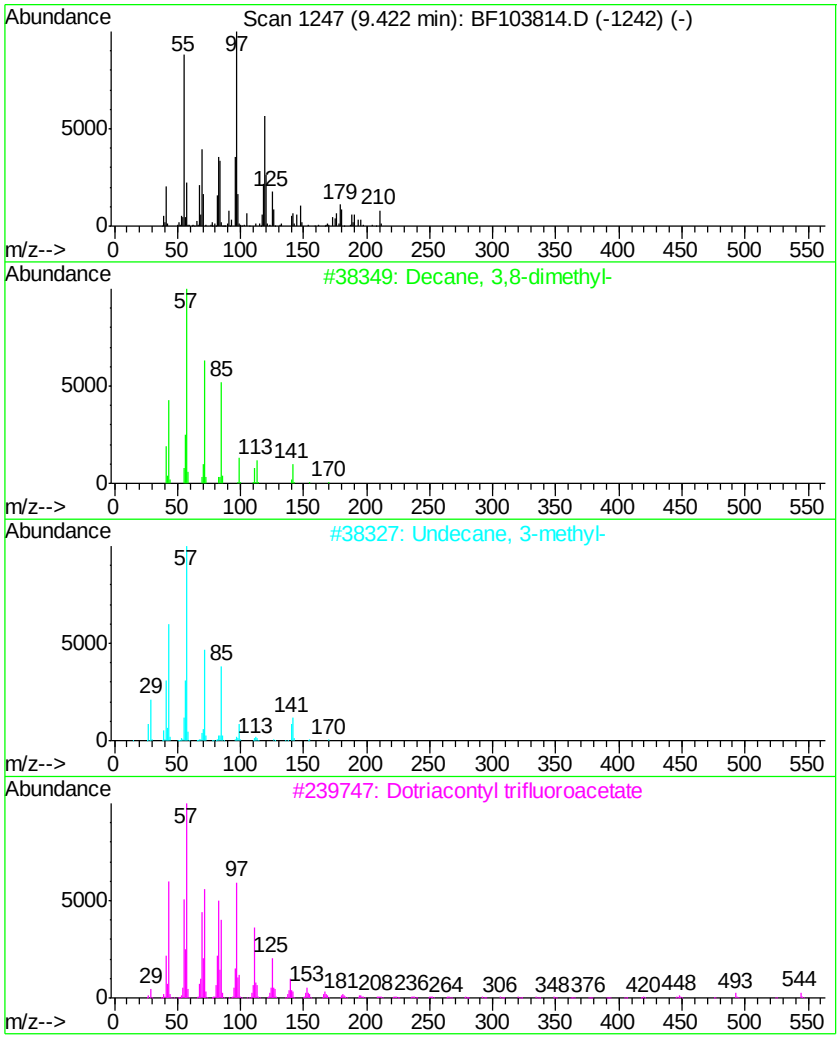
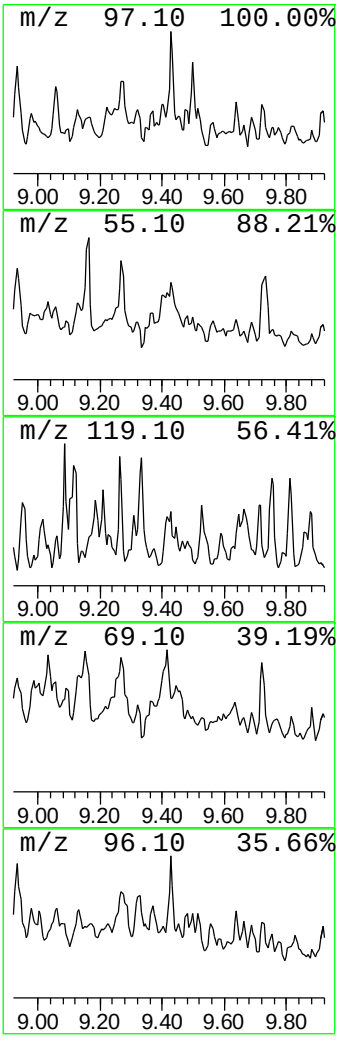
Peak Number 16 Decane, 3,8-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	17.31 ng	903908	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	60
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	49
3	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	49
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	46
5	Nonadecane	268	C19H40	000629-92-5	38





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TIC Library : C:\DATABASE\NIST11.L
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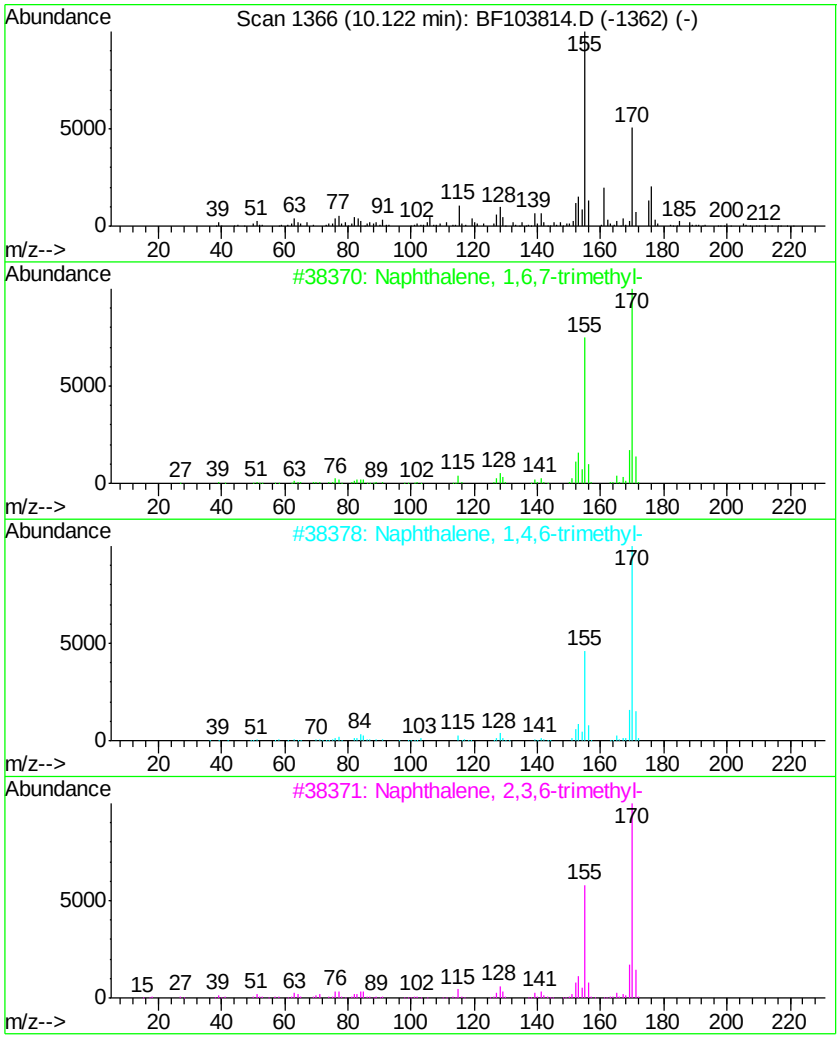
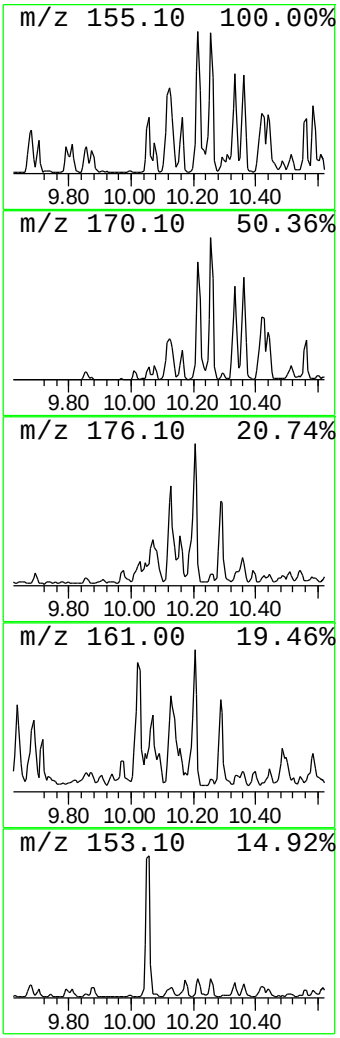
Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	18.31 ng	955758	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	76
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	58





Library Search Compound Report

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Data File : BF103814.D
Acq On : 20 Mar 2018 20:36
Operator : JU/SJ
Sample : J1982-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-111(5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

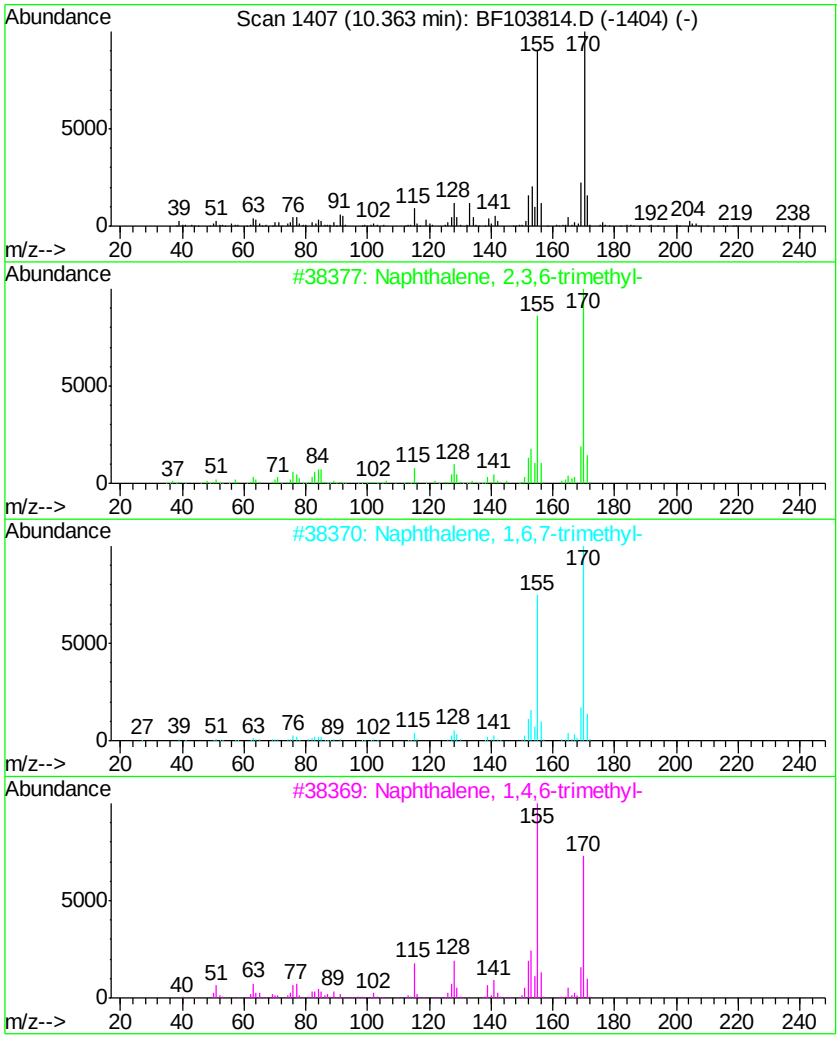
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

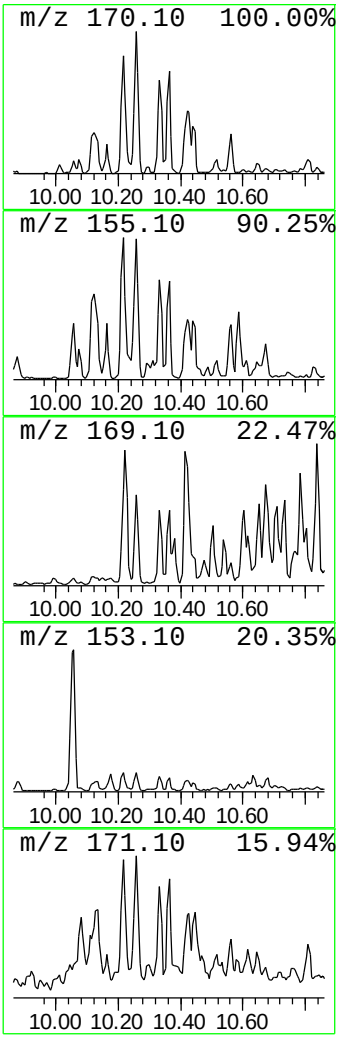
****

Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	17.33 ng	904905	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103814.D
Acq On : 20 Mar 2018 20:36
Operator : JU/SJ
Sample : J1982-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-111(5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

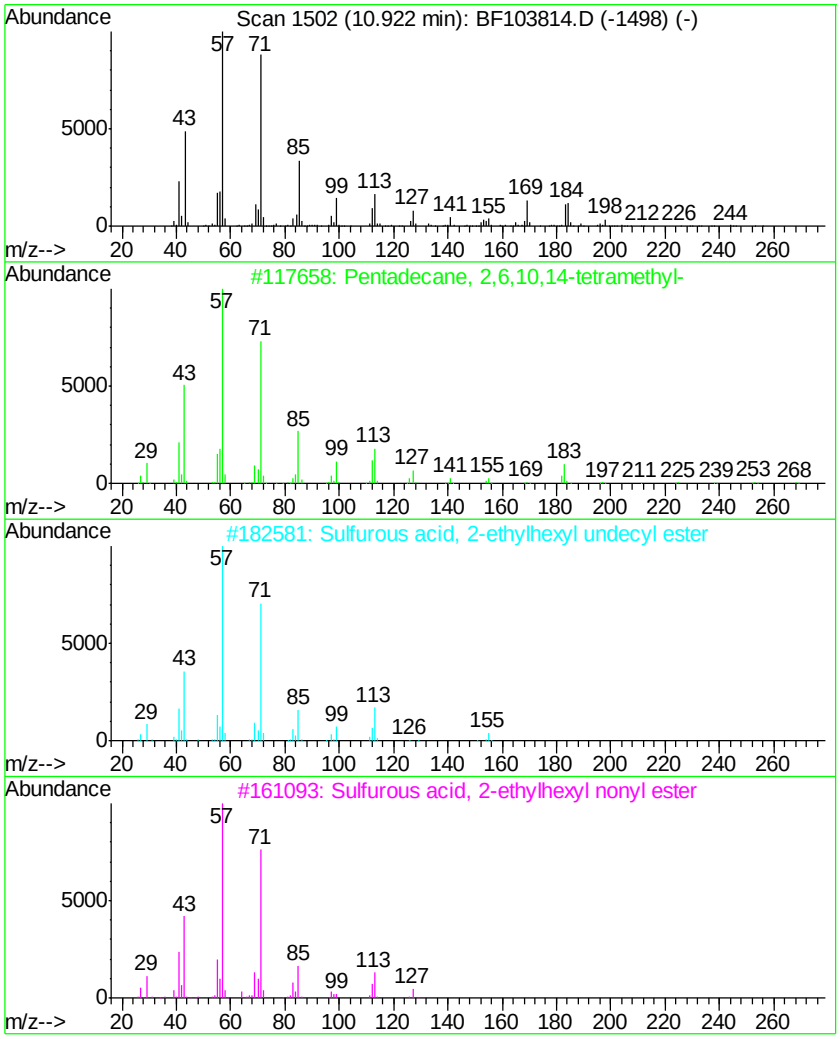
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

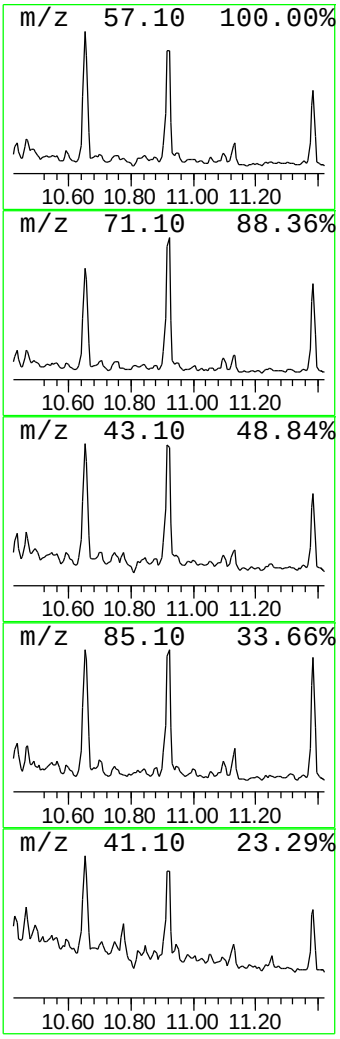
****

Peak Number 20 Pentadecane, 2,6,10,14-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	29.31 ng	1624920	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	62
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
5	Dodecane	170	C12H26	000112-40-3	53





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032018\
Data File : BF103814.D
Acq On : 20 Mar 2018 20:36
Operator : JU/SJ
Sample : J1982-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-111(5-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.75	6.75	72.5	ng	4311510	1	6.97	1189370	20.0
1-Decanol, 2-hexyl-	7.66	20.6	ng	988442	2	8.26	961083	20.0
Heptane, 3-ethyl-...	7.92	19.5	ng	939023	2	8.26	961083	20.0
unknown8.00	8.00	21.9	ng	1050790	2	8.26	961083	20.0
Benzene, pentamet...	8.34	41.4	ng	1987810	2	8.26	961083	20.0
1H-Indene, 2,3-di...	8.46	24.8	ng	1189170	2	8.26	961083	20.0
Cyclohexane, (4-m...	8.54	39.2	ng	1885540	2	8.26	961083	20.0
Octane, 2,6-dimet...	8.67	36.4	ng	1749680	2	8.26	961083	20.0
unknown8.69	8.69	31.4	ng	1507440	2	8.26	961083	20.0
2(3H)-Benzofurano...	8.76	20.5	ng	983286	2	8.26	961083	20.0
Undecane, 2,6-dim...	8.93	36.6	ng	1757670	2	8.26	961083	20.0
Quinoline, 2-methyl-	9.02	22.6	ng	1085660	2	8.26	961083	20.0
unknown9.16	9.16	17.0	ng	886555	3	10.02	1044250	20.0
Nonane, 3,7-dimet...	9.27	24.4	ng	1274240	3	10.02	1044250	20.0
Decane, 3,8-dimet...	9.42	17.3	ng	903908	3	10.02	1044250	20.0
Naphthalene, 1,6,...	10.12	18.3	ng	955758	3	10.02	1044250	20.0
Naphthalene, 2,3,...	10.36	17.3	ng	904905	3	10.02	1044250	20.0
Pentadecane, 2,6,...	10.92	29.3	ng	1624920	4	11.51	1108930	20.0