LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102179.D
Acq On : 18 Jan 2018 5:29
Operator : SJ/JU
Sample : J1144-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-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-BF010918.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	2.246	17	27	30	rVV	3289056	8181211	30.67%	1.348%
2	2.293	30	35	42	rVB2	2323861	5216695	19.56%	0.860%
3	2.428	52	58	62	rBV	752526	1391147	5.22%	0.229%
4	2.481	62	67	77	rVB5	1157113	2923951	10.96%	0.482%
5	2.751	77	113	118	rBV2	3072773	14631945	54.86%	2.412%
6	2.840	118	128	131	rVV2	2117284	5886103	22.07%	0.970%
7	2.881	132	135	141	rVB	2367607	4132634	15.49%	0.681%
8	2.951	141	147	156	rVB3	1455299	4086354	15.32%	0.674%
9	3.110	156	174	187	rBV4	1349209	6001862	22.50%	0.989%
10	3.340	188	213	225	rBV2	4174513	25863085	96.97%	4.263%
11	3.504	232	241	247	rVB	3510262	9974318	37.40%	1.644%
12	3.581	247	254	260	rBV	1459330	3591794	13.47%	0.592%
13	3.804	289	292	295	rBV2	1726389	2428814	9.11%	0.400%
14	3.887	295	306	310	rVB3	6182668	19099317	71.61%	3.148%
15	3.928	310	313	316	rVB3	1367311	1500702	5.63%	0.247%
16	4.028	316	330	333	rBV2	6230011	16152713	60.56%	2.662%
17	4.063	333	336	340	rBV2	1876602	2176642	8.16%	0.359%
18	4.163	345	353	356	rBV2	2961347	5982054	22.43%	0.986%
19	4.204	356	360	365	rBV3	1770617	3192466	11.97%	0.526%
20	4.245	365	367	370	rVB2	1701182	1531603	5.74%	0.252%
21	4.381	370	390	394	rBV3	6956001	26511852	99.40%	4.370%
22	4.475	398	406	409	rBV4	5749054	11425053	42.84%	1.883%
23	4.557	416	420	425	rVB2	3398223	4616662	17.31%	0.761%
24	4.610	425	429	433	rBV	1345226	2045532	7.67%	0.337%
25	4.663	433	438	442	rBV	1879521	3047101	11.42%	0.502%
26	4.704	442	445	448	rVB2	1185999	1358189	5.09%	0.224%
27	4.781	454	458	462	rBV	2255569	3586503	13.45%	0.591%
28	4.834	462	467	469	rBV2	1135030	2136379	8.01%	0.352%
29	4.875	469	474	482	rVB2	4624985	10526237	39.47%	1.735%
30	4.940	482	485	488	rBV2	1468640	1600492	6.00%	0.264%
31	5.245	526	537	541	rBV2	5165485	20908577	78.39%	3.446%
32	5.492	576	579	583	rBV4	1966447	2369213	8.88%	0.390%
33	5.551	585	589	595	rVB4	2091227	3967395	14.88%	0.654%
34	5.657	595	607	609	rBV2	6380129	20999539	78.73%	3.461%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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Acq On : 18 Jan 2018 5:29
Operator : SJ/JU
Sample : J1144-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.704	609	615	619	rVB	6000386	13771235	51.63%	2.270%
36	5.740	619	621	624	rBV4	1726453	1807629	6.78%	0.298%
37	5.798	629	631	633	rVB2	1801714	1652171	6.19%	0.272%
38	5.828	633	636	639	rBV3	1840250	2587919	9.70%	0.427%
39	5.934	647	654	657	rBV3	3532839	8909705	33.41%	1.468%
40	6.016	663	668	687	rVB5	2748443	12079465	45.29%	1.991%
41	6.239	697	706	707	rBV	3524634	9616395	36.06%	1.585%
42	6.504	743	751	755	rVB	4441832	12118663	45.44%	1.997%
43	6.669	763	779	780	rBV	6949181	26216141	98.29%	4.321%
44	6.751	786	793	796	rBV2	3253699	6883995	25.81%	1.135%
45	6.816	801	804	805	rBV	2200159	2145801	8.05%	0.354%
46	6.981	824	832	834	rVB	5134207	12594312	47.22%	2.076%
47	7.081	834	849	852	rBV2	5551431	26671383	100.00%	4.396%
48	7.269	872	881	883	rBV2	4066156	11870100	44.51%	1.956%
49	7.428	904	908	912	rBV4	2338985	4219995	15.82%	0.696%
50	7.469	912	915	923	rVB5	3191015	5906943	22.15%	0.974%
51	7.563	923	931	934	rBV3	3699766	10591800	39.71%	1.746%
52	7.669	944	949	952	rBV2	2542707	5259735	19.72%	0.867%
53	7.822	967	975	978	rBV4	3072295	9357201	35.08%	1.542%
54	7.916	988	991	992	rBV	1779466	1682244	6.31%	0.277%
55	8.057	1003	1015	1016	rBV6	4987439	13122330	49.20%	2.163%
56	8.145	1027	1030	1032	rVB3	3052305	3151342	11.82%	0.519%
57	8.210	1038	1041	1042	rBV2	1346567	1503197	5.64%	0.248%
58	8.251	1046	1048	1051	rVB3	2776581	2784616	10.44%	0.459%
59	8.304	1053	1057	1058	rBV2	1798445	2359332	8.85%	0.389%
60	8.333	1059	1062	1067	rVV5	2805431	5153115	19.32%	0.849%
61	8.404	1071	1074	1076	rBV3	1724726	2148749	8.06%	0.354%
62	8.433	1076	1079	1082	rVV2	2218164	3170290	11.89%	0.523%
63	8.563	1097	1101	1108	rBV5	2901088	4509449	16.91%	0.743%
64	8.657	1111	1117	1119	rBV3	3144728	5167766	19.38%	0.852%
65	8.769	1132	1136	1137	rBV3	2147112	2940004	11.02%	0.485%
66	8.875	1148	1154	1158	rBV6	3790667	7864150	29.49%	1.296%
67	8.986	1170	1173	1179	rVB4	2483253	4238096	15.89%	0.699%
68	9.033	1179	1181	1182	rVV	1681134	1307624	4.90%	0.216%
69	9.057	1182	1185	1187	rVV3	2975684	3779814	14.17%	0.623%
70	9.110	1191	1194	1198	rVB4	2340997	2490135	9.34%	0.410%
71	9.204	1204	1210	1213	rBV2	3996587	6862768	25.73%	1.131%

LSC Area Percent Report

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Acq On : 18 Jan 2018 5:29
Operator : SJ/JU
Sample : J1144-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.310	1226	1228	1233	rVB2	2184023	2339759	8.77%	0.386%
73	9.386	1236	1241	1243	rVB2	3025649	5070756	19.01%	0.836%
74	9.451	1246	1252	1256	rBV5	3121172	7603382	28.51%	1.253%
75	9.533	1264	1266	1269	rVB2	2003249	1843536	6.91%	0.304%
76	9.569	1269	1272	1276	rBV4	2706785	2891551	10.84%	0.477%
77	9.651	1283	1286	1289	rBV3	1605771	1768392	6.63%	0.291%
78	9.722	1295	1298	1301	rVB	3484480	3992941	14.97%	0.658%
79	9.769	1301	1306	1310	rBV6	2175746	4186154	15.70%	0.690%
80	9.822	1310	1315	1317	rBV3	1334776	1602883	6.01%	0.264%
81	9.886	1323	1326	1331	rVB3	2090486	2825818	10.59%	0.466%
82	9.945	1331	1336	1339	rBV5	1637491	3278140	12.29%	0.540%
83	9.986	1339	1343	1348	rVV5	1917763	3708027	13.90%	0.611%
84	10.033	1348	1351	1356	rVV5	2232554	3223615	12.09%	0.531%
85	10.104	1359	1363	1365	rBV2	1802569	2517211	9.44%	0.415%
86	10.222	1379	1383	1385	rVB2	3093684	3628651	13.61%	0.598%
87	10.322	1397	1400	1402	rBV2	1570287	1667772	6.25%	0.275%
88	10.433	1414	1419	1424	rVB2	2993694	5126666	19.22%	0.845%
89	10.480	1424	1427	1430	rVB4	1641288	1741857	6.53%	0.287%
90	10.545	1436	1438	1440	rBV3	1666114	1430662	5.36%	0.236%
91	10.704	1459	1465	1470	rVB3	3826631	7673286	28.77%	1.265%
92	10.869	1490	1493	1495	rBV2	1257197	1457954	5.47%	0.240%
93	10.904	1497	1499	1502	rVB3	1860454	1653609	6.20%	0.273%
94	11.133	1534	1538	1540	rBV	2555583	2937617	11.01%	0.484%
95	11.163	1540	1543	1548	rVB	3586482	4290631	16.09%	0.707%
96	11.551	1606	1609	1612	rVB	2868018	2501258	9.38%	0.412%
97	11.957	1675	1678	1681	rBV	2545765	2372754	8.90%	0.391%
98	12.339	1740	1743	1746	rVB	2151129	1880027	7.05%	0.310%
99	12.704	1803	1805	1809	rVB	1734699	1470059	5.51%	0.242%
100	12.833	1822	1827	1833	rVB	2055031	2509096	9.41%	0.414%

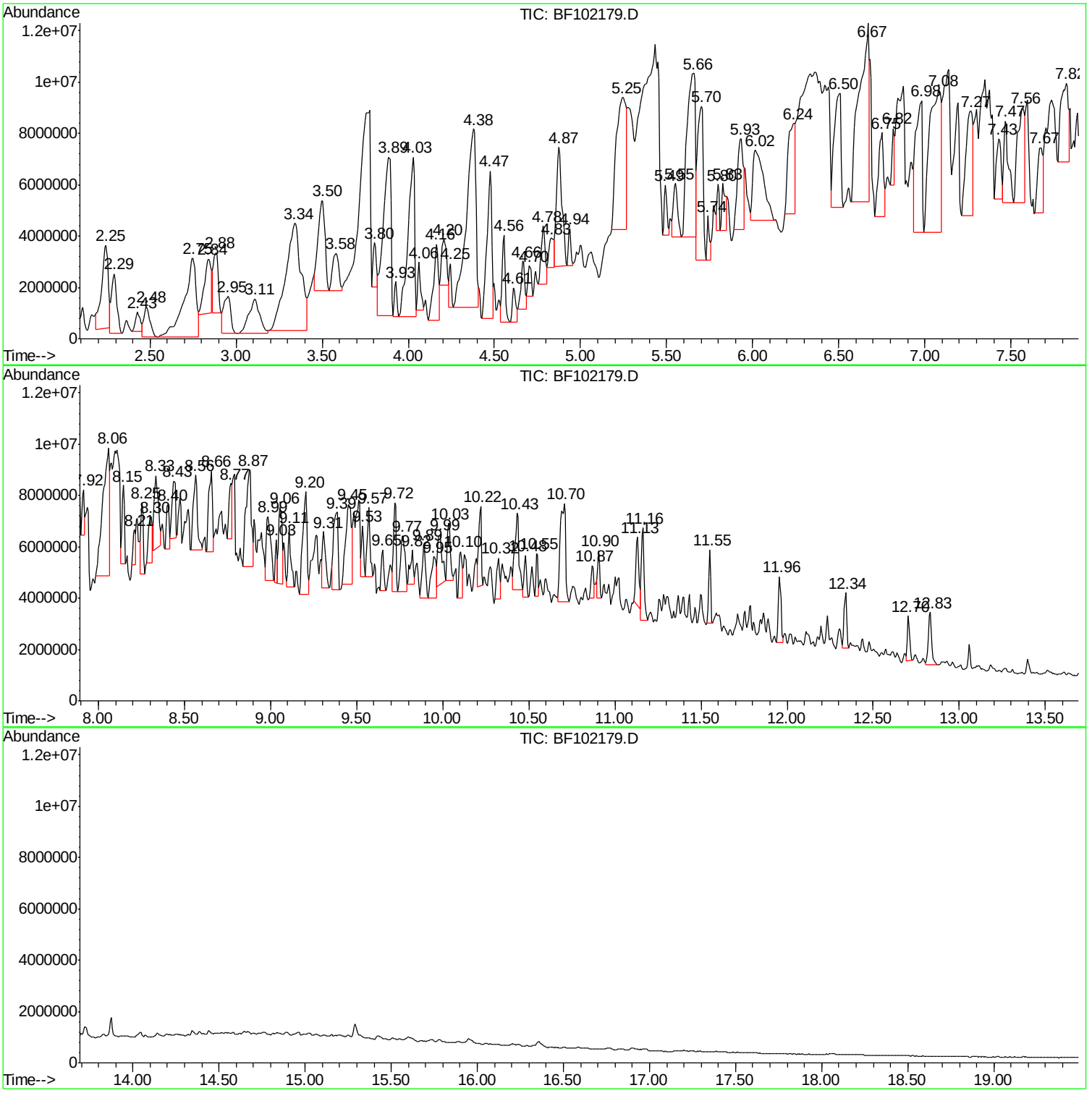
Sum of corrected areas: 606733807

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102179.D
Acq On : 18 Jan 2018 5:29
Operator : SJ/JU
Sample : J1144-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IGW-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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 : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102179.D
Acq On : 18 Jan 2018 5:29
Operator : SJ/JU
Sample : J1144-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

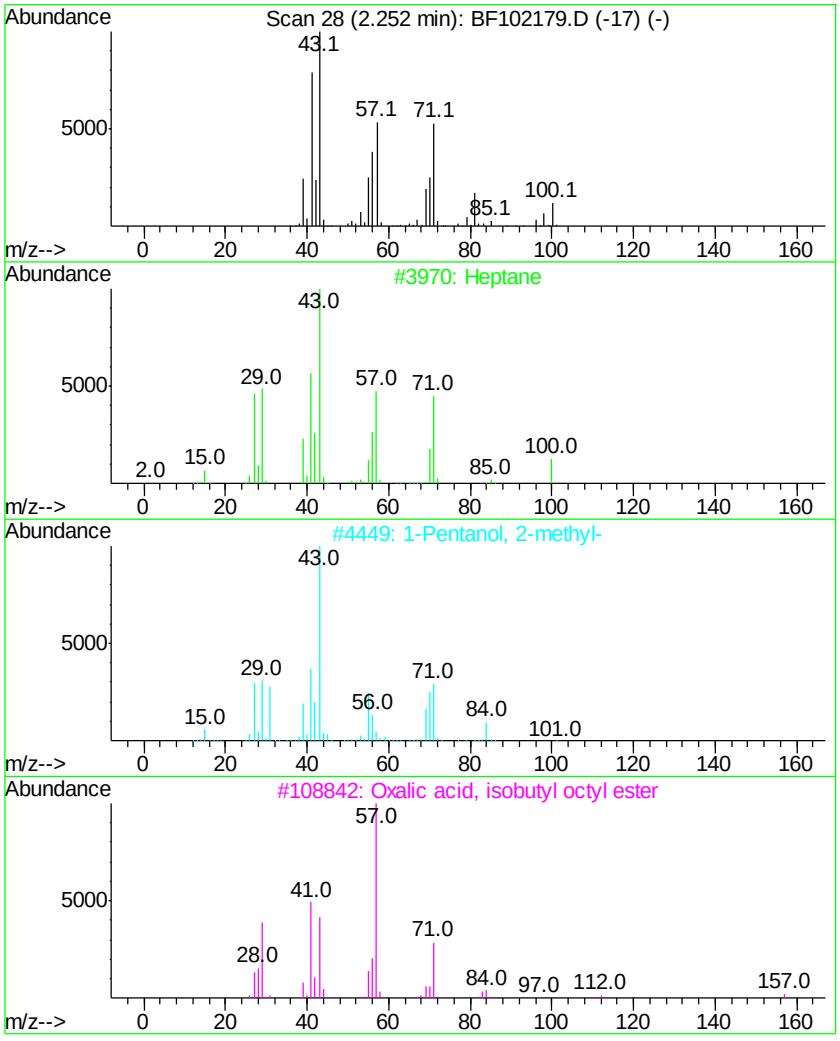
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

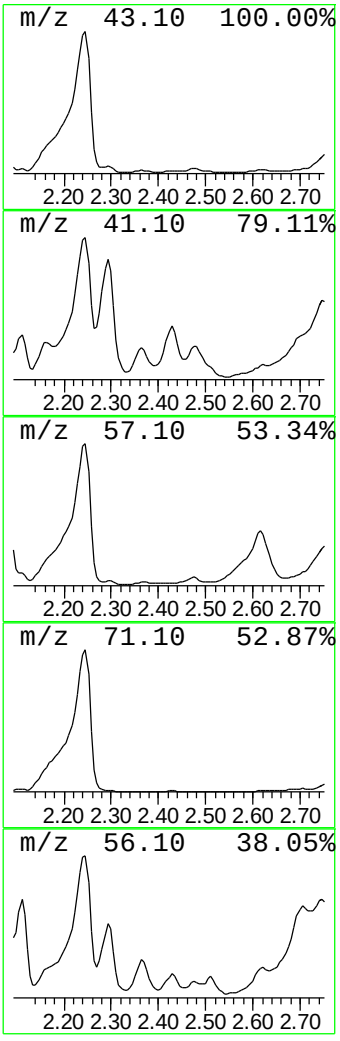
****

Peak Number 1 Heptane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	76.25 ng	8181210	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	87
2	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	47
3	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	42
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38
5	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	38





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102179.D
Acq On : 18 Jan 2018 5:29
Operator : SJ/JU
Sample : J1144-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

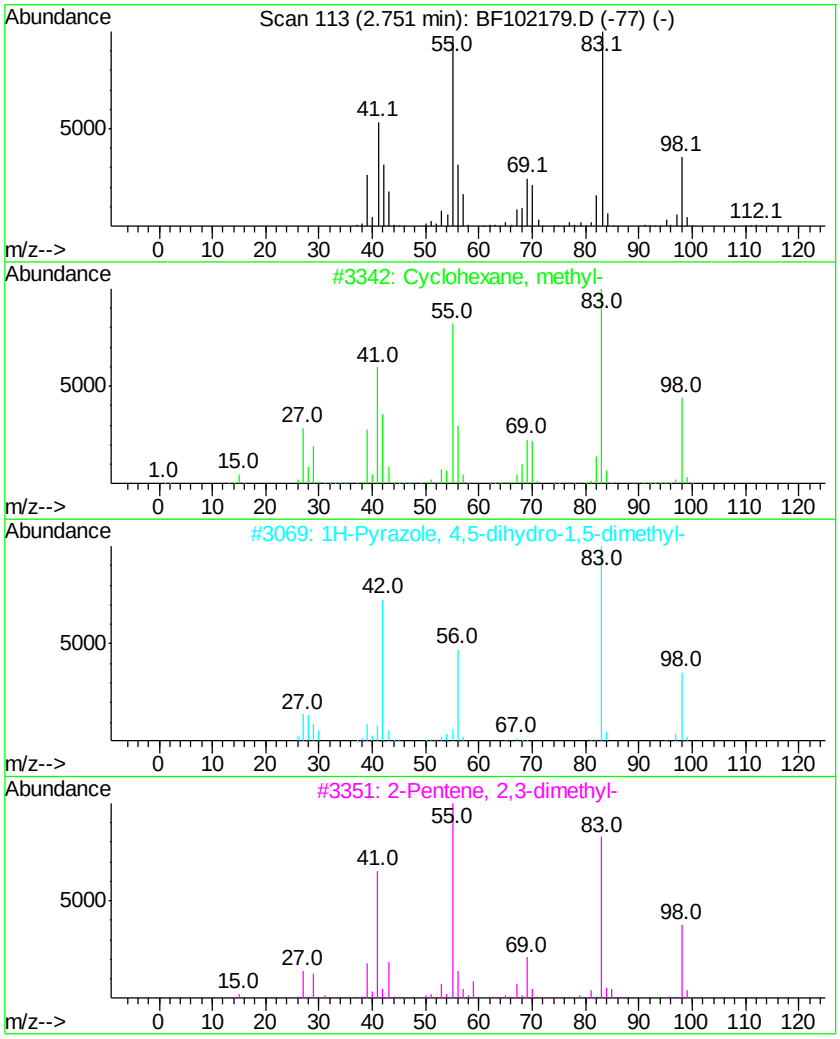
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

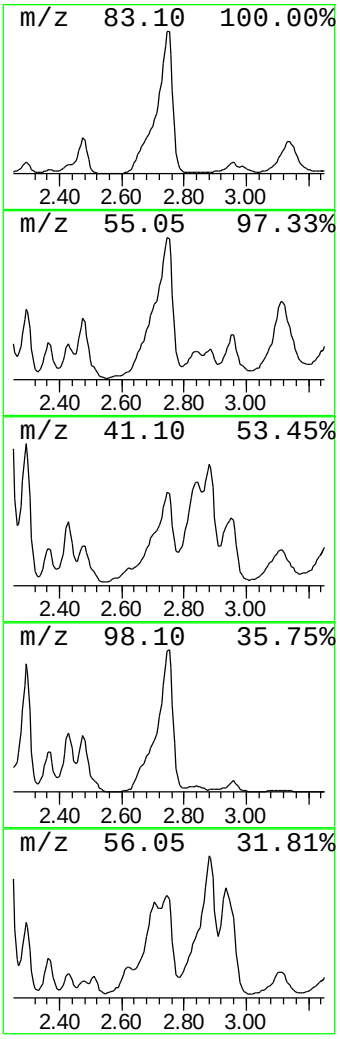
****

Peak Number 2 Cyclohexane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	136.38 ng	14631900	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	95
2	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	64
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	64
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	58
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	58





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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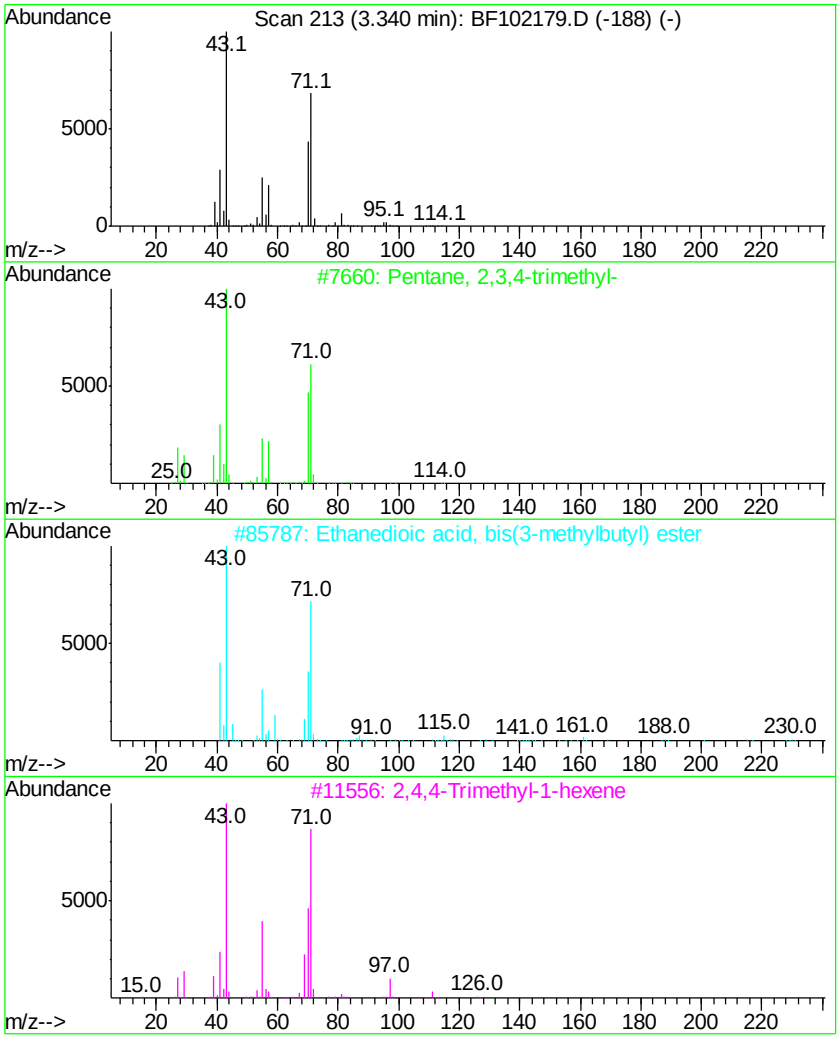
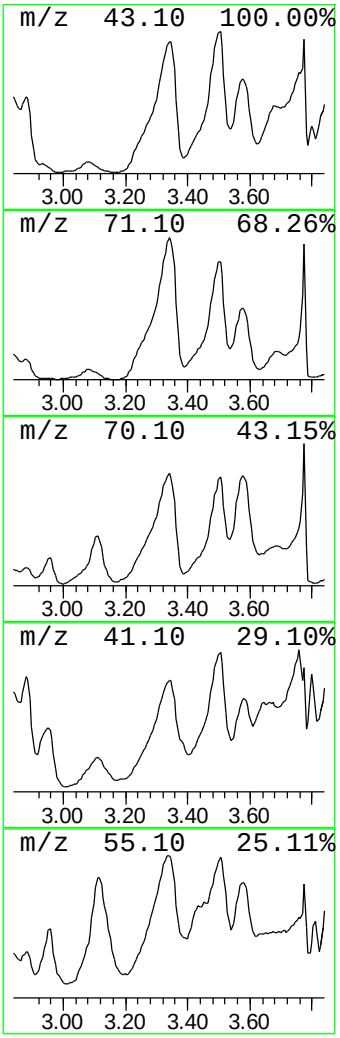
Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	241.06 ng	25863100	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	78
3	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	72
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	56
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	56





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102179.D
Acq On : 18 Jan 2018 5:29
Operator : SJ/JU
Sample : J1144-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

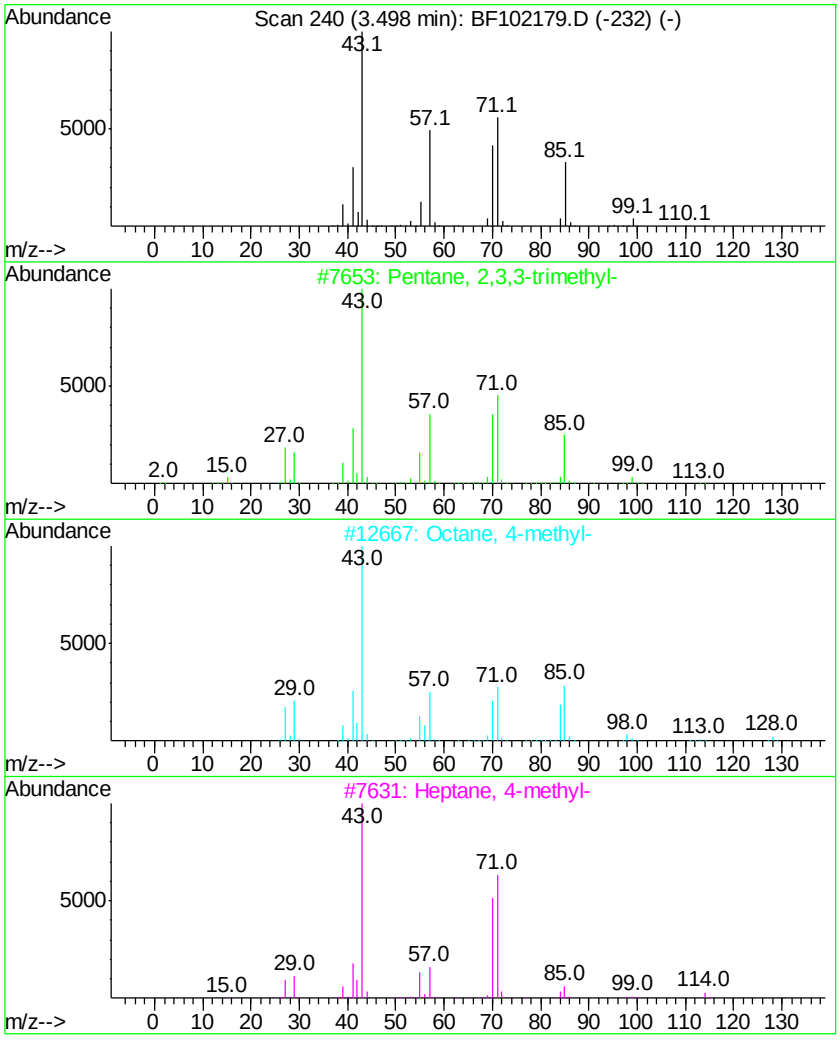
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

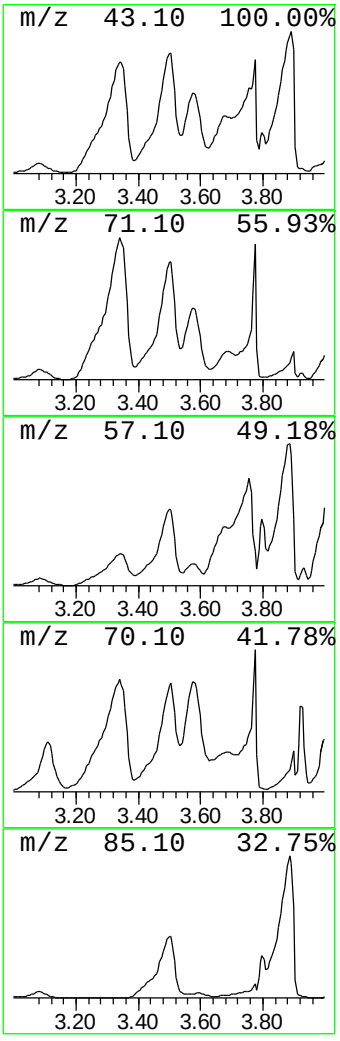
****

Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	92.97 ng	9974320	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Octane, 4-methyl-	128	C9H20	002216-34-4	78
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	64





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102179.D
Acq On : 18 Jan 2018 5:29
Operator : SJ/JU
Sample : J1144-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

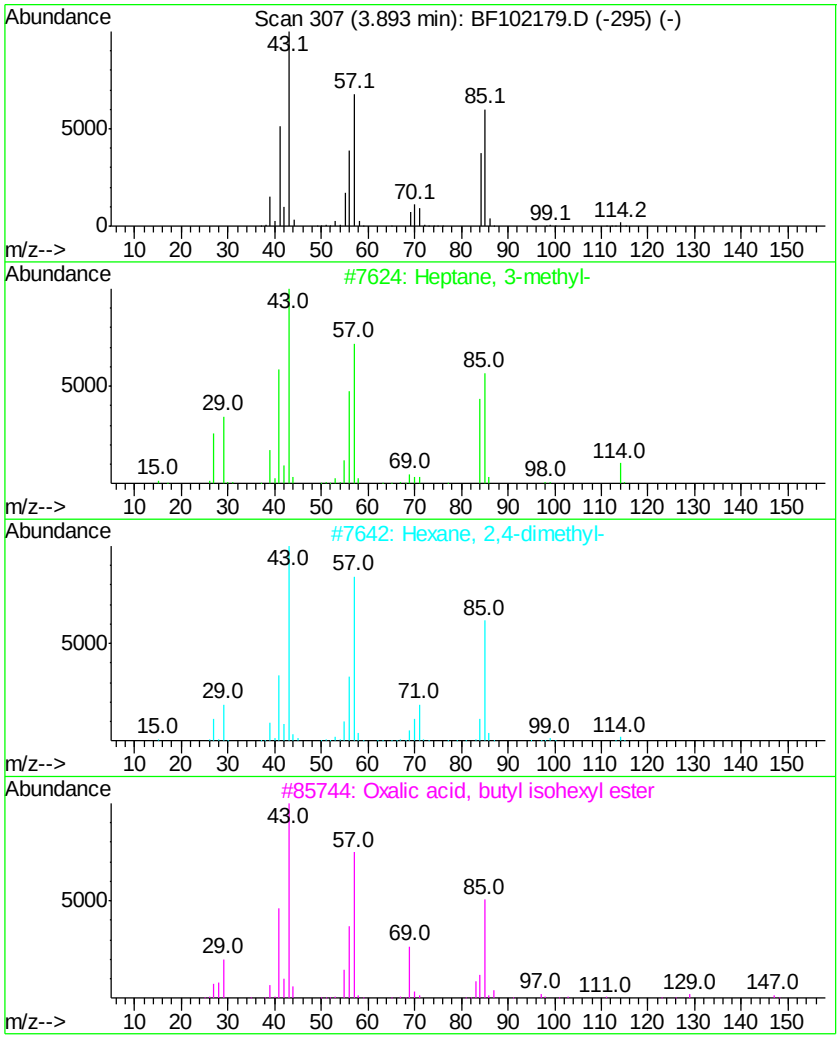
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

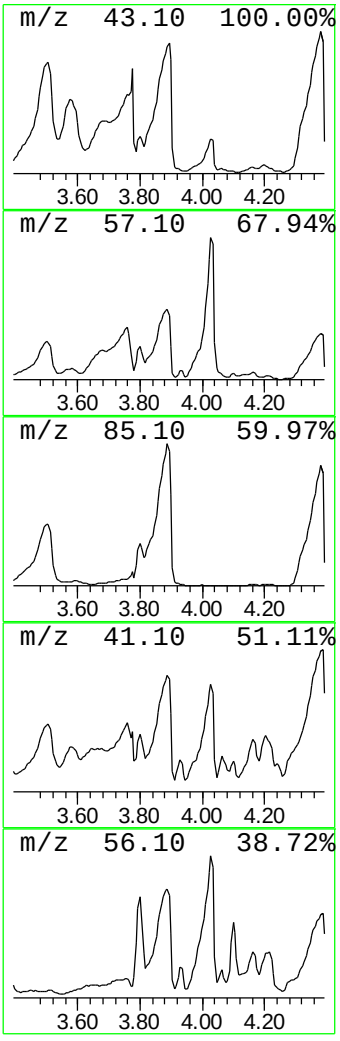
****

Peak Number 5 Heptane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	178.02 ng	19099300	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
5	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	59





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Acq On : 18 Jan 2018 5:29
Operator : SJ/JU
Sample : J1144-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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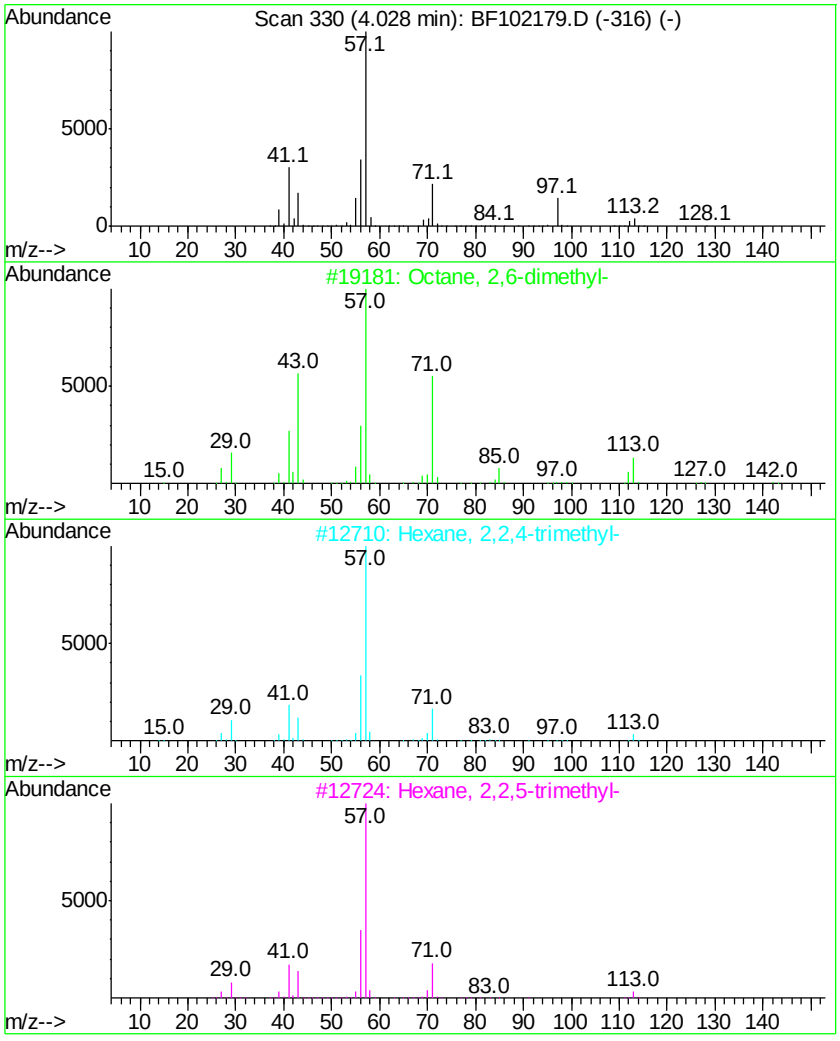
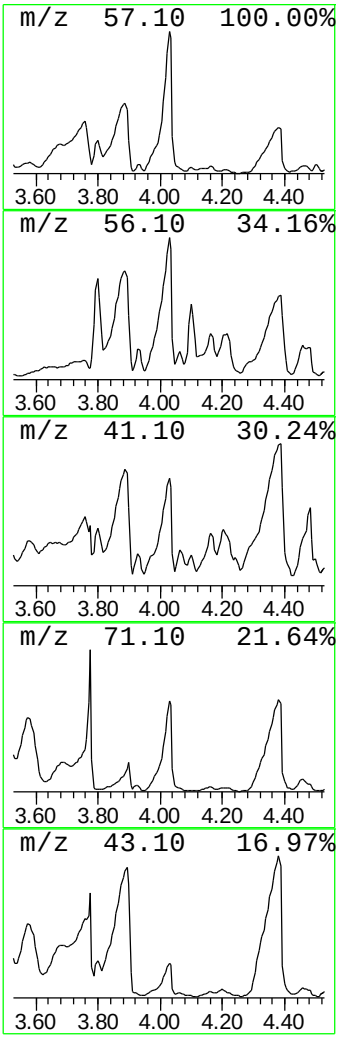
Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	150.55 ng	16152700	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	43
5	Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	38





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Instrument : BNA_F
ClientSampleId : IGW-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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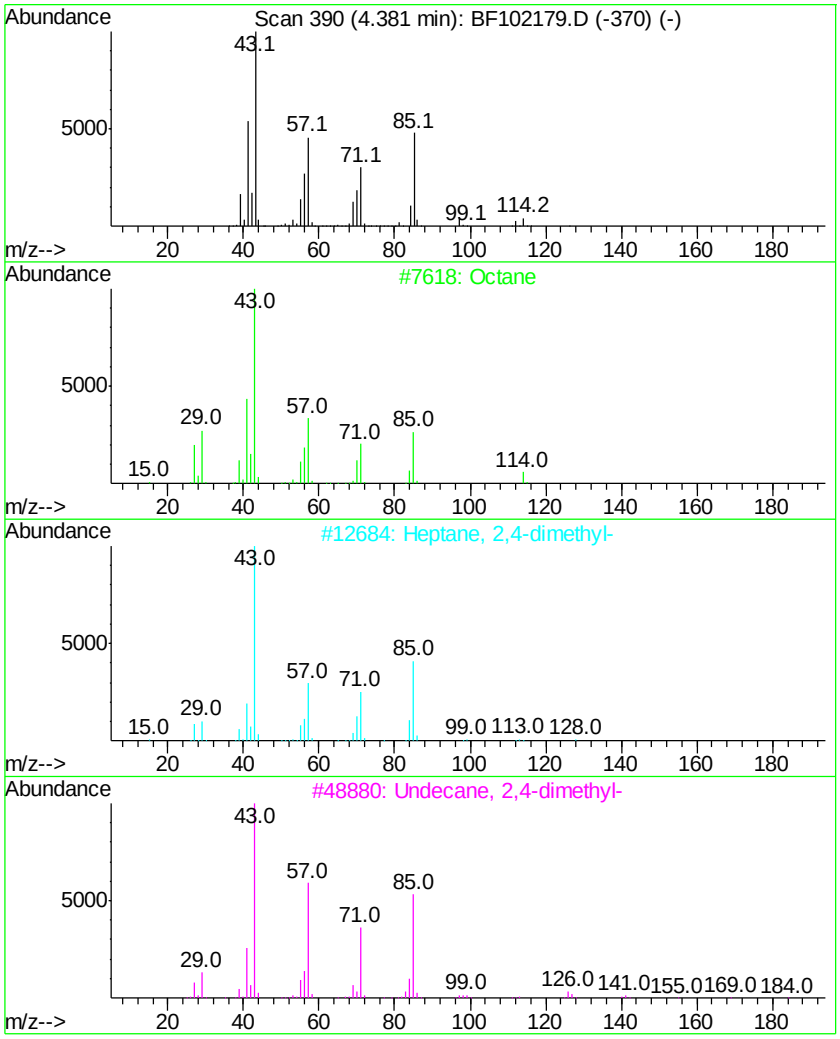
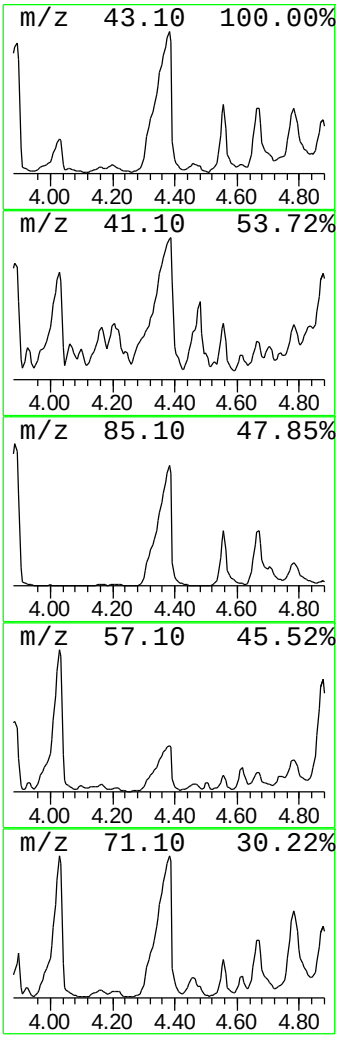
Peak Number 7 Octane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	247.10 ng	26511900	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	90
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
5	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	53





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ClientSampleId : IGW-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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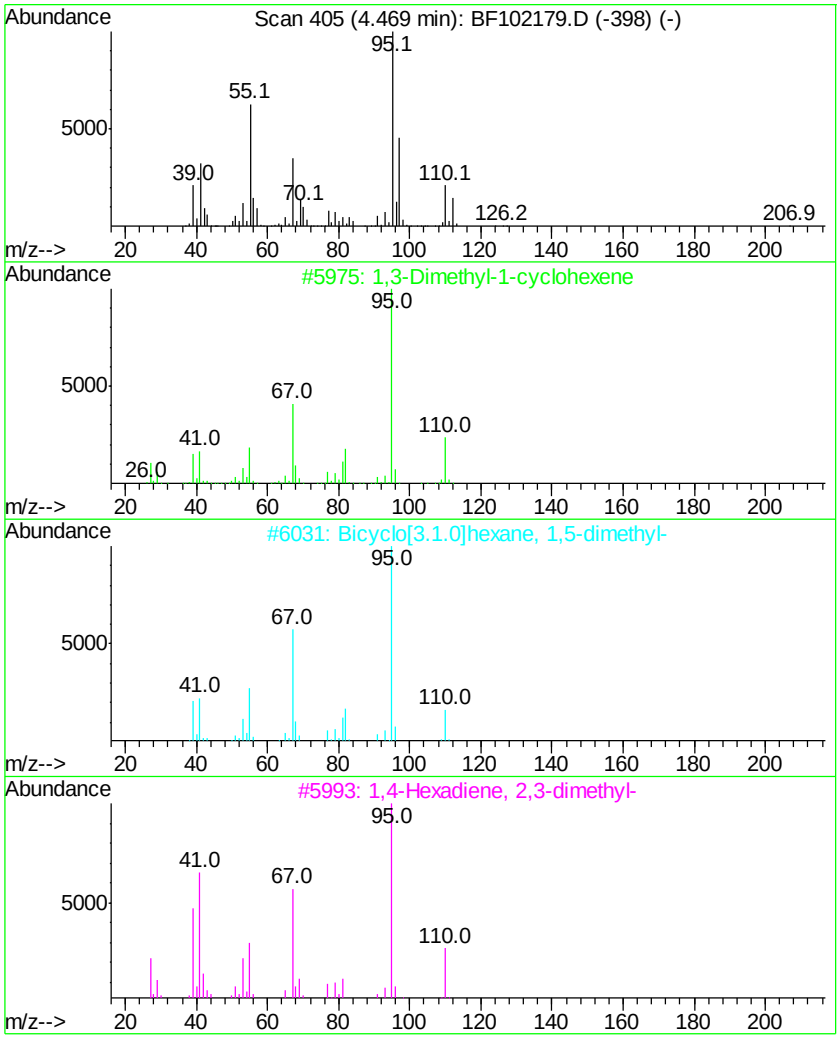
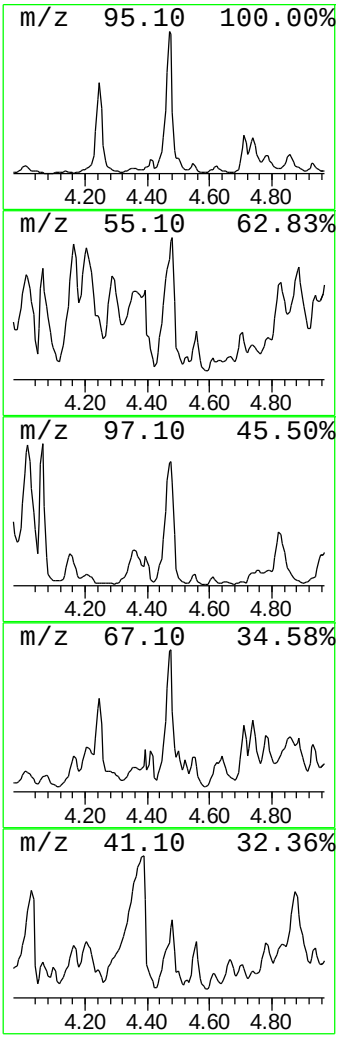
Peak Number 8 1,3-Dimethyl-1-cyclohexene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	106.49 ng	11425100	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	55
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	50
3	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	49
4	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	45
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	45





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ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId : IGW-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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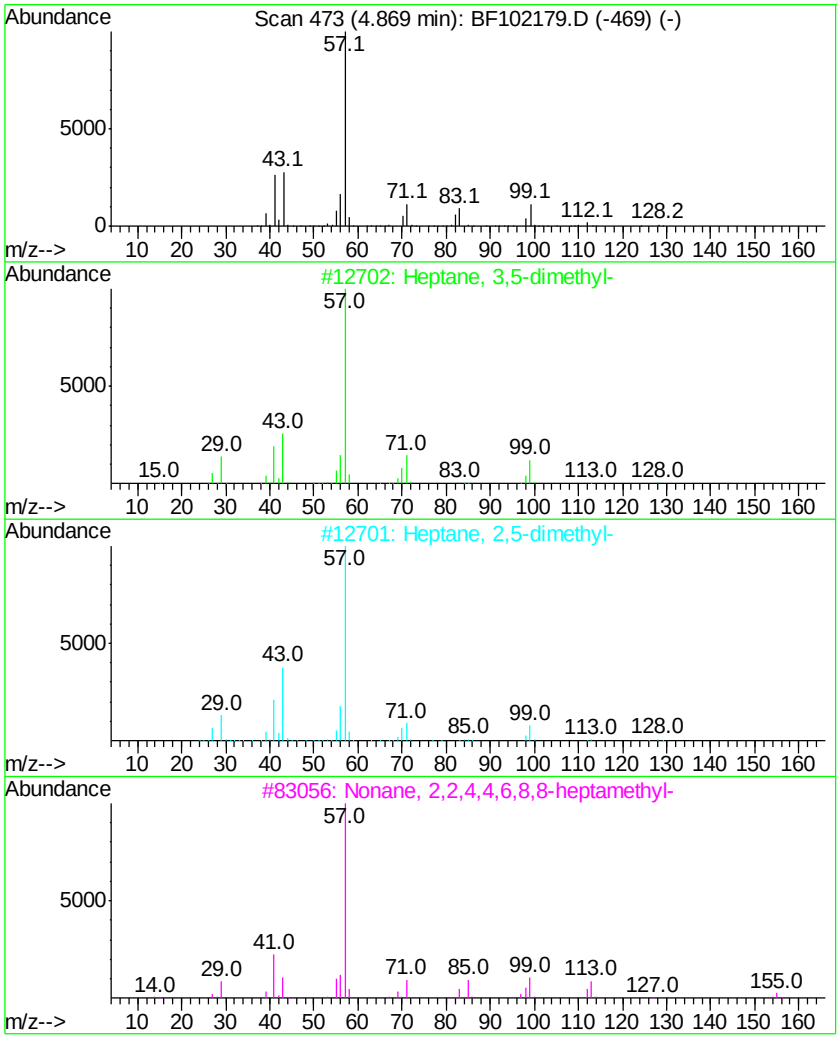
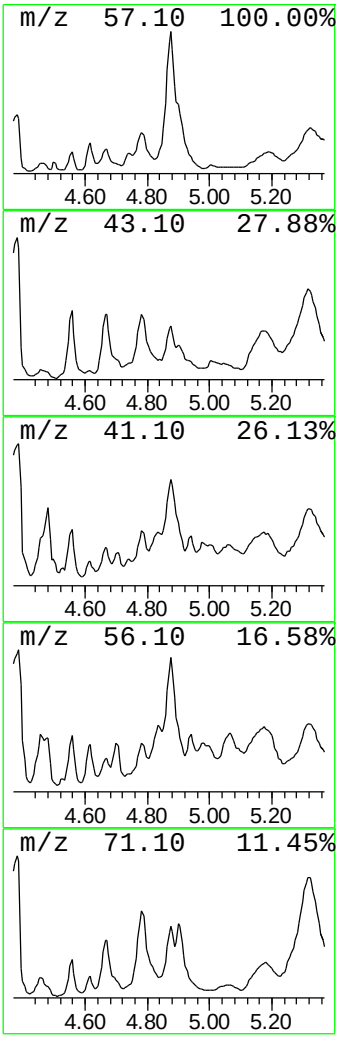
Peak Number 9 Heptane, 3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	98.11 ng	10526200	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	68
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
3	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	64
4	Octane, 3-methyl-	128	C9H20	002216-33-3	52
5	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	47





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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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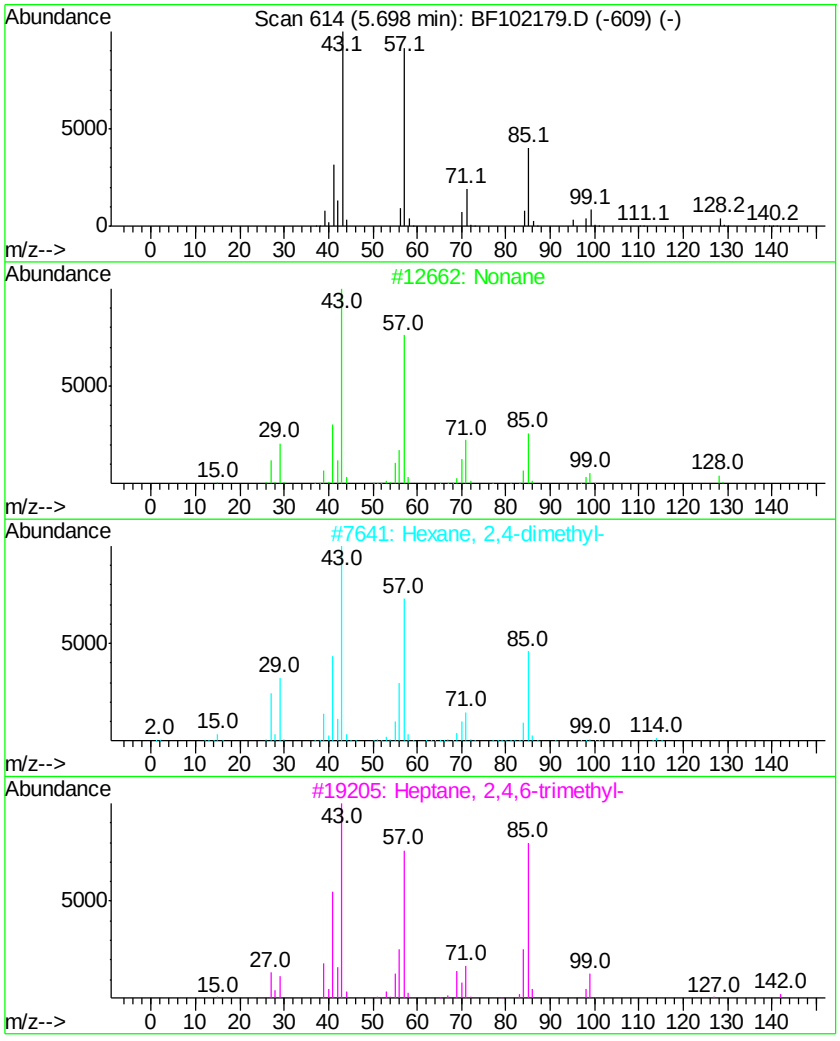
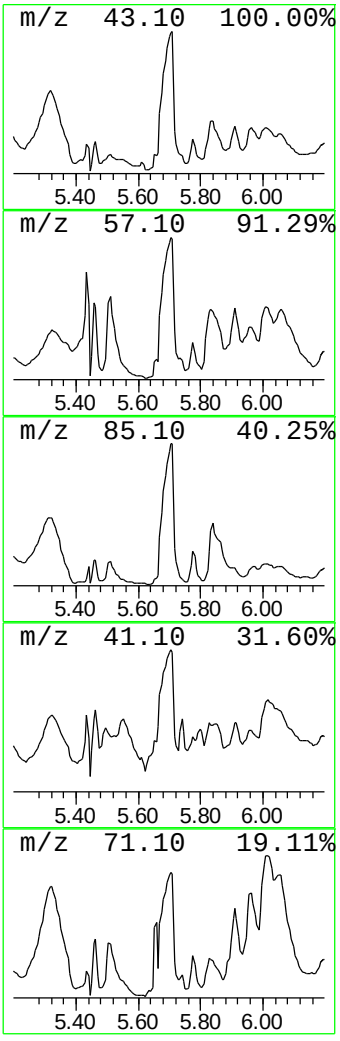
Peak Number 12 Nonane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	128.36 ng	13771200	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	68
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	59
4	Ether, heptyl hexyl	200	C13H28O	007289-40-9	53
5	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	53





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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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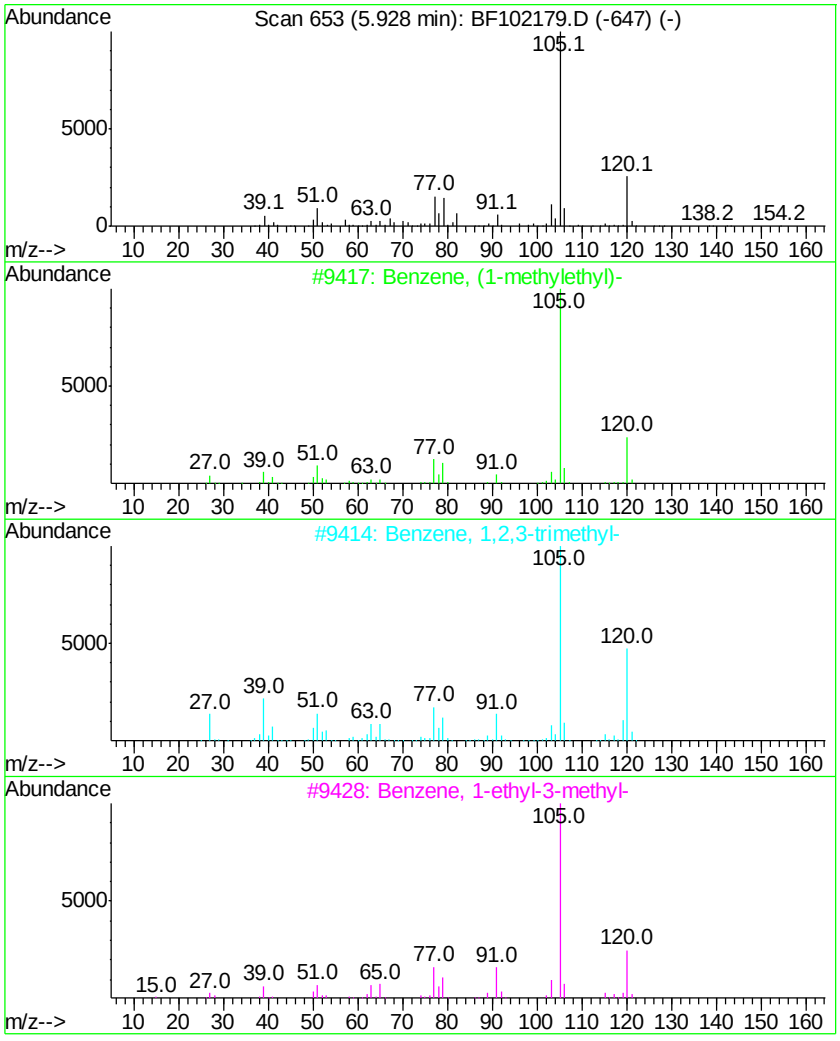
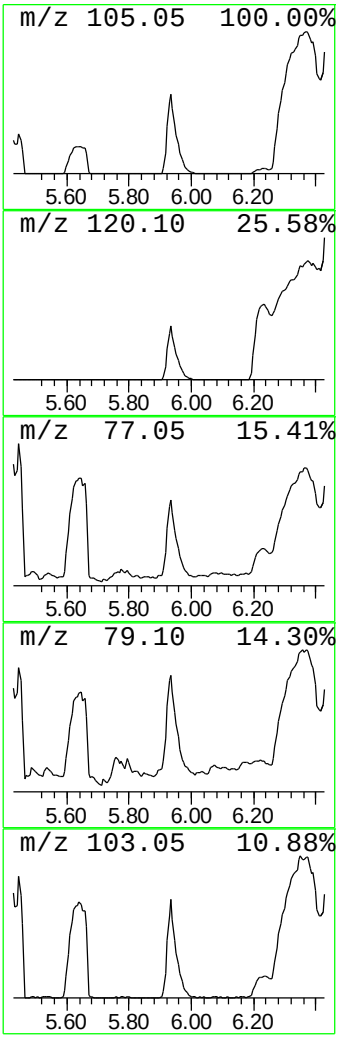
Peak Number 13 Benzene, (1-methylethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	83.04 ng	8909710	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72





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Misc :
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ClientSampleId : IGW-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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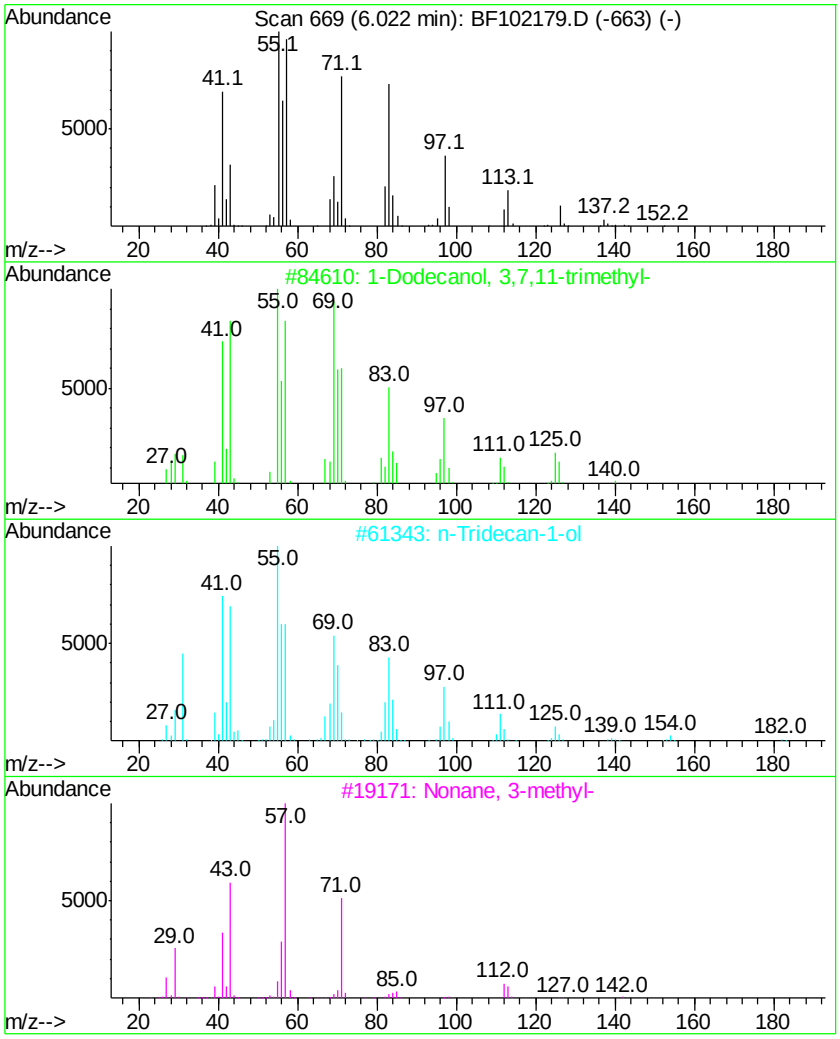
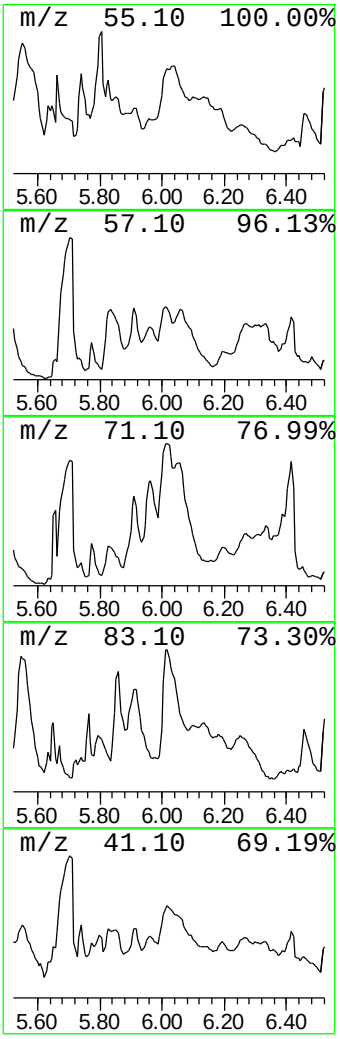
Peak Number 14 unknown6.02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	112.59 ng	12079500	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	47
2	n-Tridecan-1-ol	200	C13H28O	000112-70-9	47
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	30
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	30
5	2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	27





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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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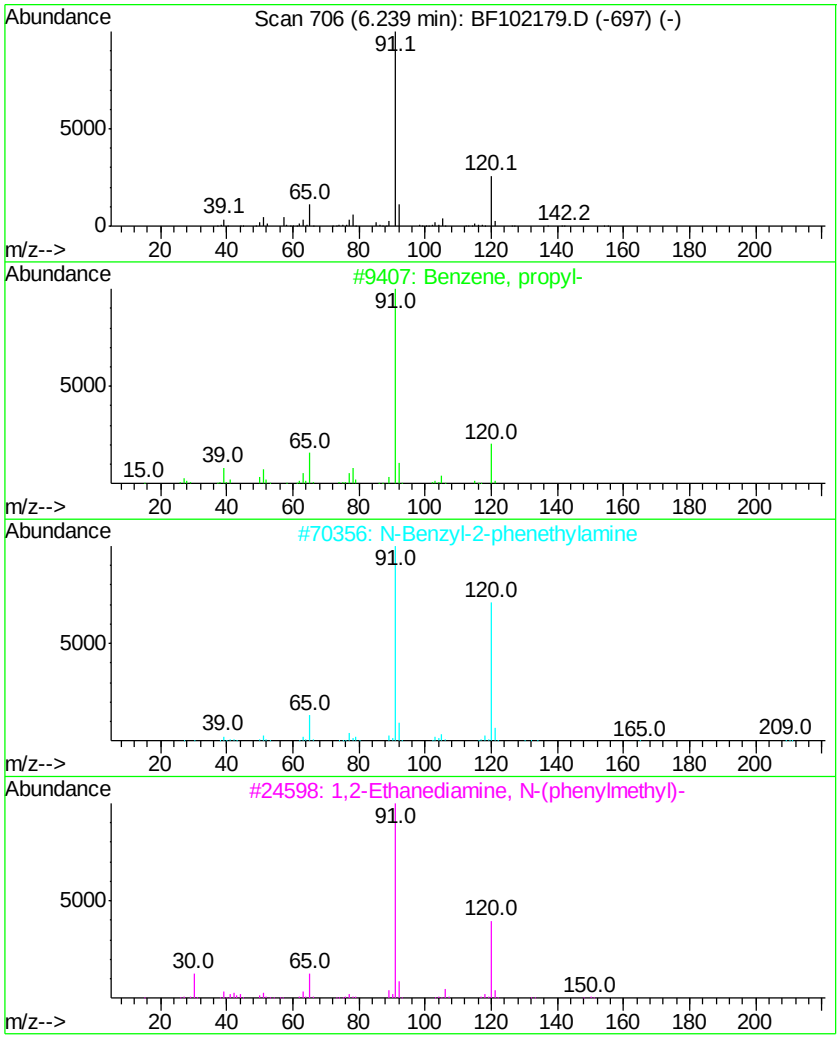
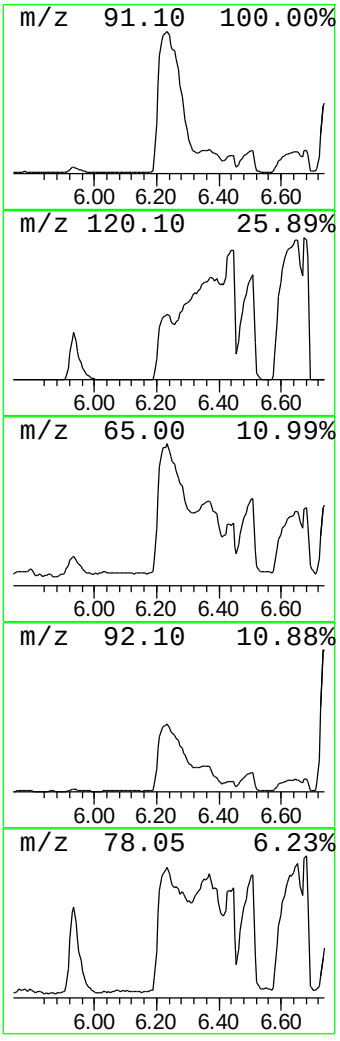
Peak Number 15 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	89.63 ng	9616400	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	64
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59





Library Search Compound Report

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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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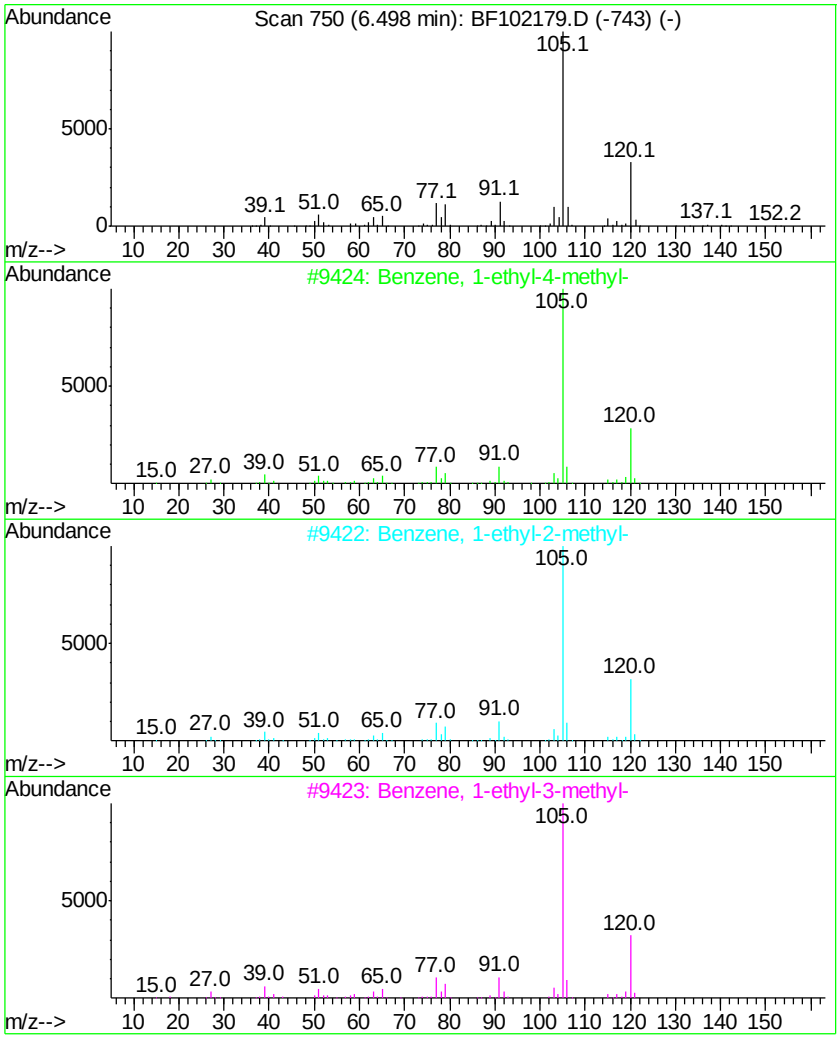
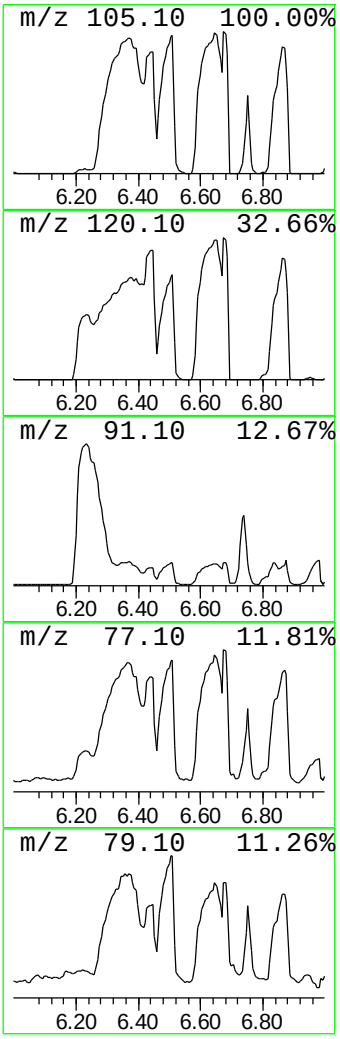
Peak Number 16 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	112.95 ng	12118700	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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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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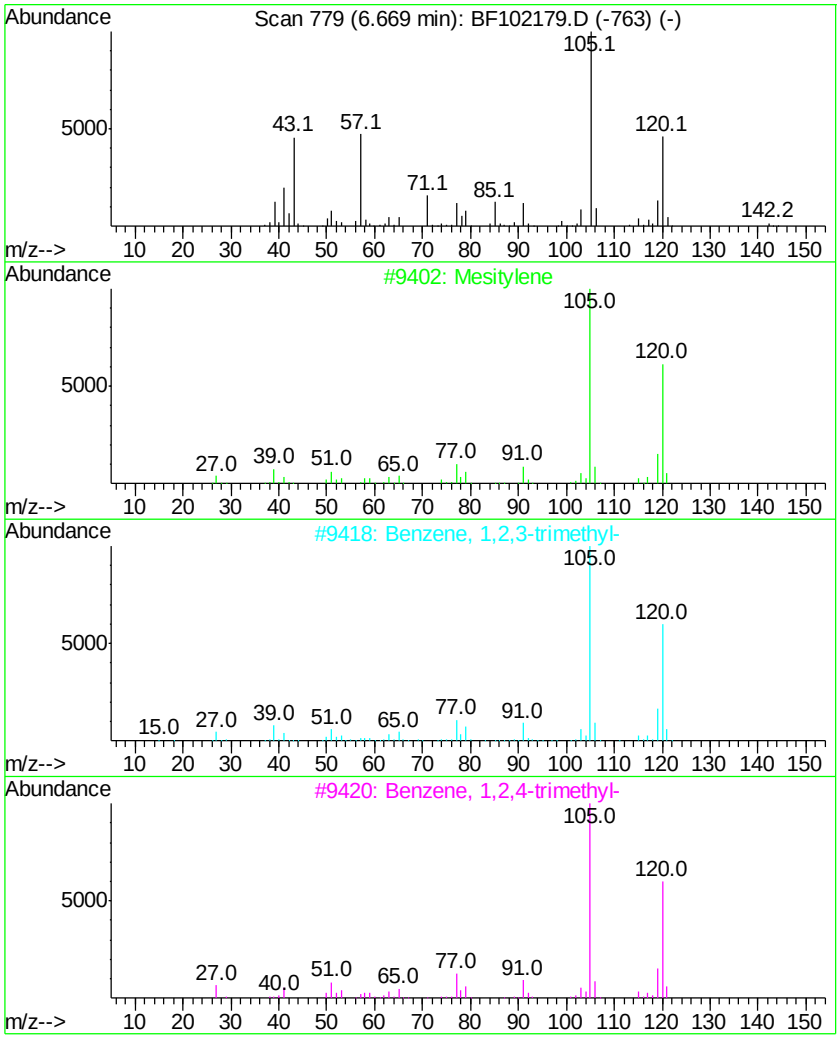
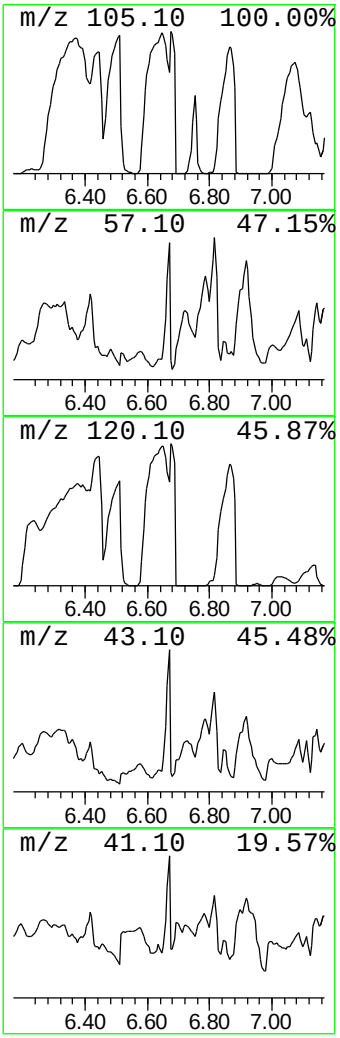
Peak Number 17 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	244.35 ng	26216100	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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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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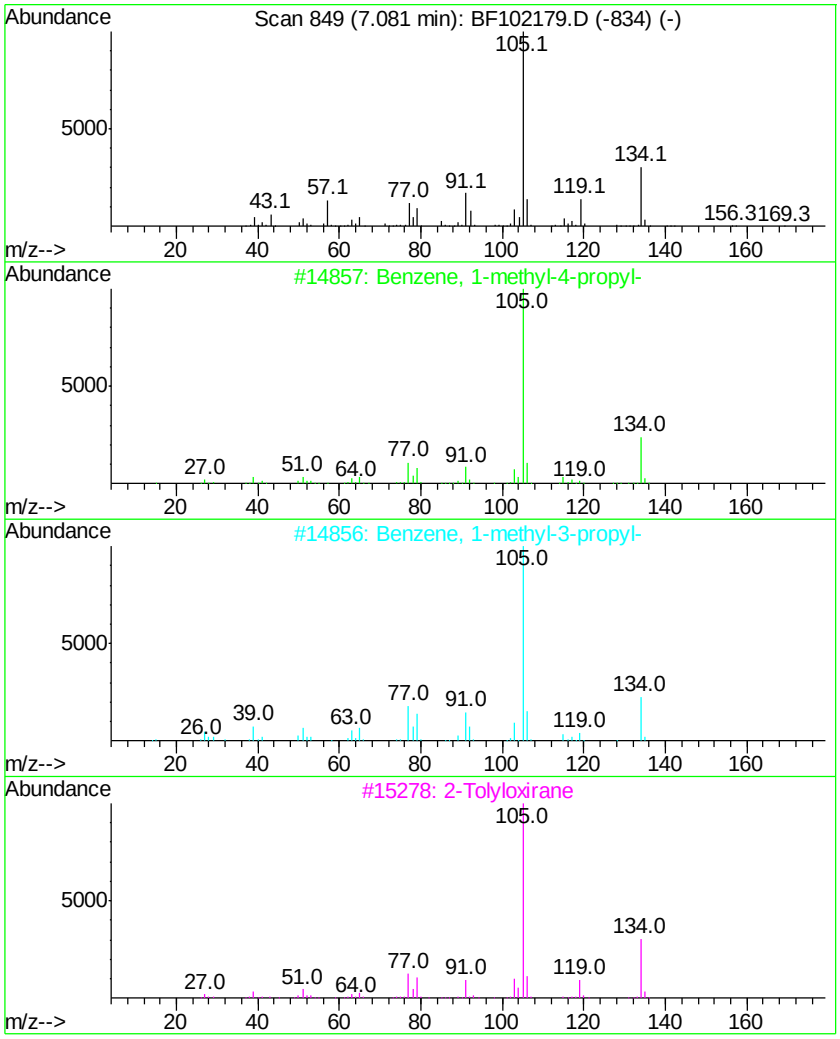
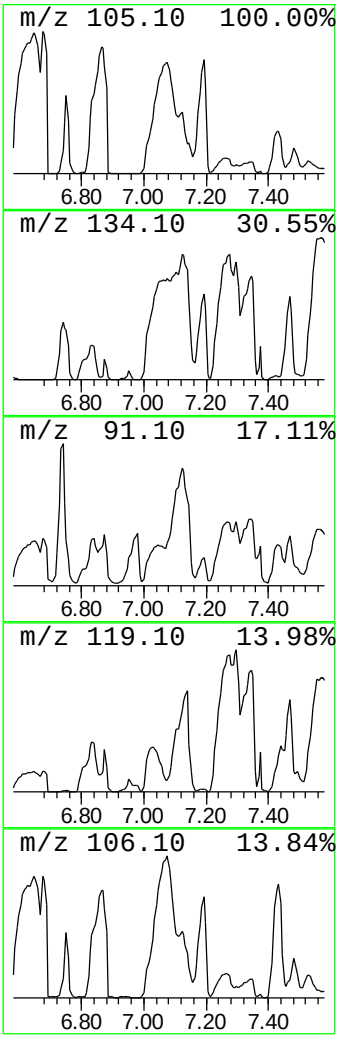
Peak Number 19 Benzene, 1-methyl-4-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	248.59 ng	26671400	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
3	2-Tolyloxirane	134	C9H10O	002783-26-8	90
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	81





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TIC Integration Parameters: LSCINT.P

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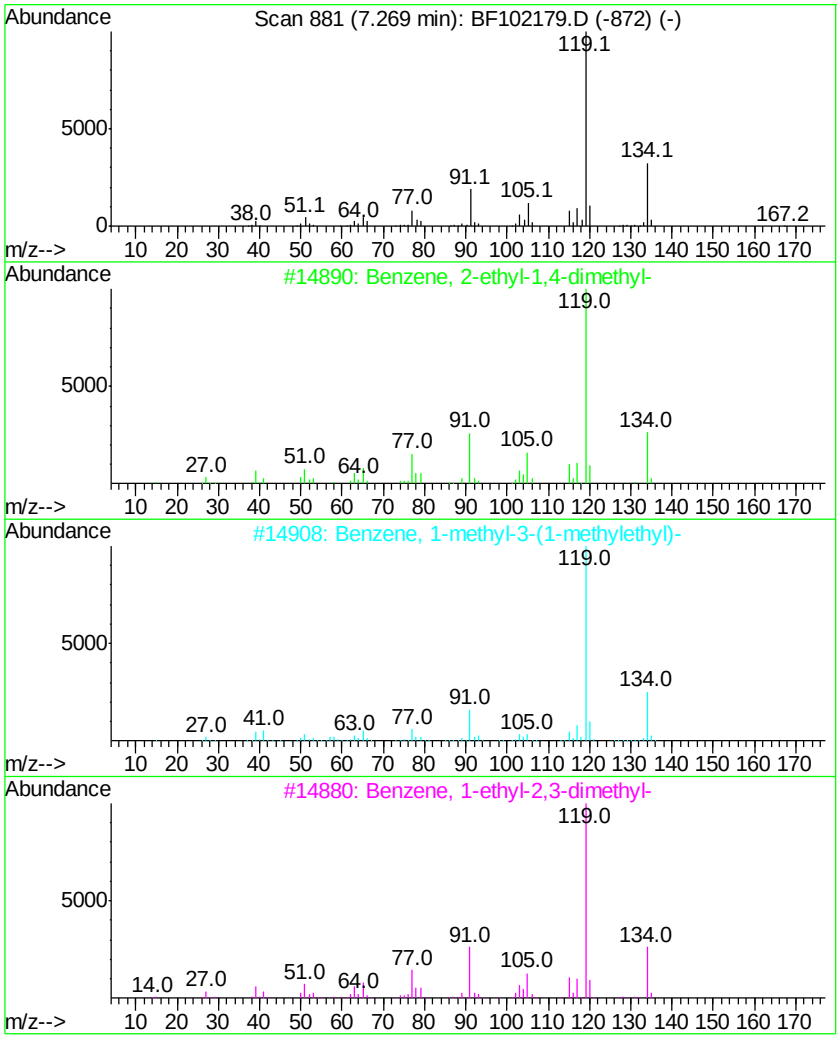
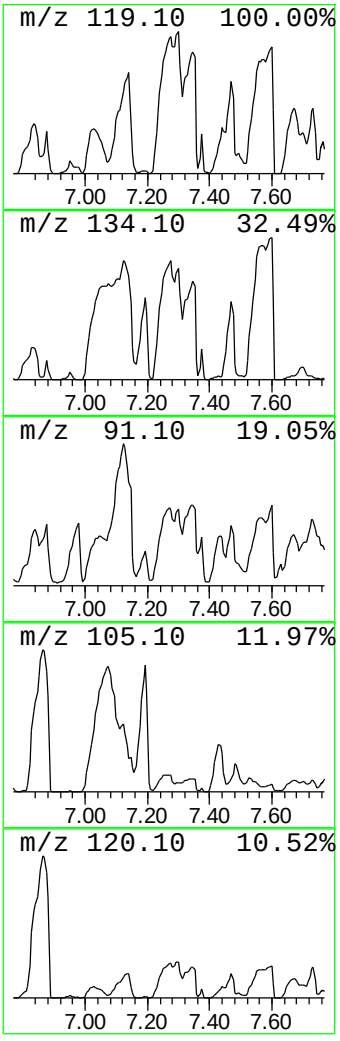
Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	110.64 ng	11870100	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	o-Cymene	134	C10H14	000527-84-4	94





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102179.D
Acq On : 18 Jan 2018 5:29
Operator : SJ/JU
Sample : J1144-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
Heptane	2.25	76.3	ng	8181210	1	6.79	2145800	20.0
Cyclohexane, methyl-	2.75	136.4	ng	14631900	1	6.79	2145800	20.0
Pentane, 2,3,4-tr...	3.34	241.1	ng	25863100	1	6.79	2145800	20.0
Pentane, 2,3,3-tr...	3.50	93.0	ng	9974320	1	6.79	2145800	20.0
Heptane, 3-methyl-	3.89	178.0	ng	19099300	1	6.79	2145800	20.0
Octane, 2,6-dimet...	4.03	150.6	ng	16152700	1	6.79	2145800	20.0
Octane	4.38	247.1	ng	26511900	1	6.79	2145800	20.0
1,3-Dimethyl-1-cy...	4.47	106.5	ng	11425100	1	6.79	2145800	20.0
Heptane, 3,5-dime...	4.87	98.1	ng	10526200	1	6.79	2145800	20.0
Nonane	5.70	128.4	ng	13771200	1	6.79	2145800	20.0
Benzene, (1-methy...	5.93	83.0	ng	8909710	1	6.79	2145800	20.0
unknown6.02	6.02	112.6	ng	12079500	1	6.79	2145800	20.0
Benzene, propyl-	6.24	89.6	ng	9616400	1	6.79	2145800	20.0
Benzene, 1-ethyl-...	6.50	113.0	ng	12118700	1	6.79	2145800	20.0
Mesitylene	6.67	244.3	ng	26216100	1	6.79	2145800	20.0
Benzene, 1-methyl...	7.08	248.6	ng	26671400	1	6.79	2145800	20.0
Benzene, 2-ethyl-...	7.27	110.6	ng	11870100	1	6.79	2145800	20.0