LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

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-BF022218.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	2.122	3	6	19	rVB	787976	999587	28.15%	1.167%
2	4.393	387	392	396	rBV2	107347	153218	4.32%	0.179%
3	4.481	402	407	412	rVB	201219	243258	6.85%	0.284%
4	5.492	569	579	588	rBV	1565307	1660794	46.78%	1.939%
5	5.663	594	608	612	rBV2	131646	306736	8.64%	0.358%
6	5.716	614	617	621	rVV	395433	387377	10.91%	0.452%
7	6.428	735	738	742	rBV	404813	346463	9.76%	0.405%
8	6.469	742	745	748	rBV	1180811	1029643	29.00%	1.202%
9	6.504	748	751	756	rBV	1185608	1282234	36.11%	1.497%
10	6.557	756	760	763	rVB	2746788	2317928	65.28%	2.706%
11	6.645	771	775	778	rBV	2785562	2527498	71.19%	2.951%
12	6.692	778	783	787	rVV	1336786	1376376	38.77%	1.607%
13	6.728	787	789	794	rVB5	195482	256279	7.22%	0.299%
14	6.875	810	814	816	rBV	1040390	958418	26.99%	1.119%
15	6.898	816	818	820	rVV	355964	283673	7.99%	0.331%
16	6.928	820	823	829	rVB	2443541	2247251	63.29%	2.624%
17	7.028	836	840	842	rBV	2565688	2480293	69.86%	2.896%
18	7.051	842	844	847	rVV	1662098	1393780	39.26%	1.627%
19	7.081	847	849	852	rVB	235799	227253	6.40%	0.265%
20	7.116	852	855	857	rBV	1088364	899185	25.33%	1.050%
21	7.139	857	859	863	rVB2	274034	272351	7.67%	0.318%
22	7.186	863	867	869	rBV	1555880	1299151	36.59%	1.517%
23	7.210	869	871	876	rVB	525522	441967	12.45%	0.516%
24	7.263	876	880	884	rBV	871887	802010	22.59%	0.936%
25	7.334	888	892	894	rBV	1596235	1446372	40.74%	1.689%
26	7.357	894	896	899	rVV	1330485	1030222	29.02%	1.203%
27	7.410	901	905	907	rVV	3074381	3225477	90.84%	3.766%
28	7.445	907	911	913	rVV2	3169017	3530040	99.42%	4.122%
29	7.498	913	920	921	rVV2	803683	1756231	49.46%	2.051%
30	7.516	921	923	924	rVV2	826482	854319	24.06%	0.997%
31	7.551	927	929	932	rVB3	994427	944777	26.61%	1.103%
32	7.639	939	944	946	rBV	2360173	2205066	62.11%	2.575%
33	7.669	946	949	952	rVB	3379054	2782673	78.37%	3.249%
34	7.716	952	957	960	rBV4	256172	329412	9.28%	0.385%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.757	960	964	965	rVV2	432725	504130	14.20%	0.589%
36	7.775	965	967	969	rVB	526236	416382	11.73%	0.486%
37	7.804	969	972	973	rBV	536683	497449	14.01%	0.581%
38	7.828	973	976	981	rVB	1329472	1331309	37.50%	1.554%
39	7.892	981	987	990	rBV2	3428475	3550534	100.00%	4.146%
40	7.922	990	992	993	rVV	509037	395197	11.13%	0.461%
41	7.939	993	995	996	rVV	199765	165689	4.67%	0.193%
42	7.957	996	998	1002	rVB3	523899	699236	19.69%	0.816%
43	7.992	1002	1004	1006	rBV	409159	284672	8.02%	0.332%
44	8.022	1006	1009	1013	rVB	483438	428343	12.06%	0.500%
45	8.098	1018	1022	1024	rBV2	445116	561719	15.82%	0.656%
46	8.145	1024	1030	1031	rVV	949400	1427355	40.20%	1.667%
47	8.157	1031	1032	1034	rVV	1416959	1454454	40.96%	1.698%
48	8.175	1034	1035	1038	rVV	1685735	1453327	40.93%	1.697%
49	8.198	1038	1039	1042	rVB	871874	461023	12.98%	0.538%
50	8.239	1042	1046	1048	rVB2	553719	563589	15.87%	0.658%
51	8.281	1048	1053	1056	rBV3	426739	655901	18.47%	0.766%
52	8.386	1068	1071	1073	rVV3	435600	497192	14.00%	0.581%
53	8.428	1076	1078	1084	rVV3	485019	668804	18.84%	0.781%
54	8.492	1084	1089	1091	rVV4	278379	307729	8.67%	0.359%
55	8.539	1094	1097	1100	rVB	700665	597435	16.83%	0.698%
56	8.575	1100	1103	1105	rBV2	176702	193867	5.46%	0.226%
57	8.622	1105	1111	1115	rVV4	622632	931446	26.23%	1.088%
58	8.657	1115	1117	1121	rVB3	378686	359928	10.14%	0.420%
59	8.716	1125	1127	1128	rVV	264832	211569	5.96%	0.247%
60	8.745	1129	1132	1136	rVB2	729074	732069	20.62%	0.855%
61	8.822	1141	1145	1146	rBV2	389478	425994	12.00%	0.497%
62	8.839	1146	1148	1150	rVV2	604498	592878	16.70%	0.692%
63	8.863	1150	1152	1154	rVV2	686120	716006	20.17%	0.836%
64	8.880	1154	1155	1162	rVV3	728052	896884	25.26%	1.047%
65	8.939	1162	1165	1166	rVV	268669	235051	6.62%	0.274%
66	8.969	1167	1170	1174	rVB2	1270371	1216232	34.25%	1.420%
67	9.010	1174	1177	1180	rBV4	233666	282109	7.95%	0.329%
68	9.045	1180	1183	1187	rVV3	444211	638672	17.99%	0.746%
69	9.080	1187	1189	1191	rVV2	252616	305301	8.60%	0.356%
70	9.122	1194	1196	1197	rBV2	202164	172292	4.85%	0.201%
71	9.145	1198	1200	1202	rVV2	229743	252440	7.11%	0.295%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.198	1205	1209	1211	rBV3	659575	799295	22.51%	0.933%
73	9.233	1211	1215	1218	rVB	3213036	3046264	85.80%	3.557%
74	9.263	1218	1220	1222	rBV3	190808	182299	5.13%	0.213%
75	9.316	1225	1229	1235	rBV6	237362	412343	11.61%	0.481%
76	9.433	1246	1249	1250	rBV2	241569	266974	7.52%	0.312%
77	9.475	1250	1256	1259	rVB	1202079	1800490	50.71%	2.102%
78	9.580	1269	1274	1279	rVB4	548085	913927	25.74%	1.067%
79	9.627	1279	1282	1286	rVB3	311783	387334	10.91%	0.452%
80	9.686	1288	1292	1294	rBV2	311721	349373	9.84%	0.408%
81	9.716	1294	1297	1300	rVB3	162456	193026	5.44%	0.225%
82	9.769	1303	1306	1309	rBV	250700	226329	6.37%	0.264%
83	9.804	1309	1312	1315	rBV2	294103	334588	9.42%	0.391%
84	9.863	1318	1322	1325	rVB3	322619	394254	11.10%	0.460%
85	9.916	1325	1331	1333	rBV	1217858	1260600	35.50%	1.472%
86	9.939	1333	1335	1338	rVB2	198135	173094	4.88%	0.202%
87	9.980	1338	1342	1343	rBV3	164474	195647	5.51%	0.228%
88	10.069	1355	1357	1359	rVV2	212693	234979	6.62%	0.274%
89	10.145	1367	1370	1374	rVB4	177676	243439	6.86%	0.284%
90	10.186	1374	1377	1378	rBV	162891	143465	4.04%	0.168%
91	10.210	1378	1381	1387	rVB6	197367	226026	6.37%	0.264%
92	10.269	1388	1391	1394	rVB2	323336	296762	8.36%	0.346%
93	10.333	1399	1402	1408	rVB3	179616	339453	9.56%	0.396%
94	10.380	1408	1410	1415	rVB	305874	253536	7.14%	0.296%
95	10.527	1433	1435	1442	rVB3	161061	211062	5.94%	0.246%
96	10.710	1462	1466	1472	rBV	1490787	1404456	39.56%	1.640%
97	11.404	1581	1584	1587	rBV	930117	759220	21.38%	0.886%
98	12.986	1849	1853	1857	rBV	1995286	1942960	54.72%	2.269%
99	14.051	2031	2034	2042	rBV	706630	710579	20.01%	0.830%
100	15.557	2285	2290	2297	rVB	397568	563903	15.88%	0.658%

Sum of corrected areas: 85647196

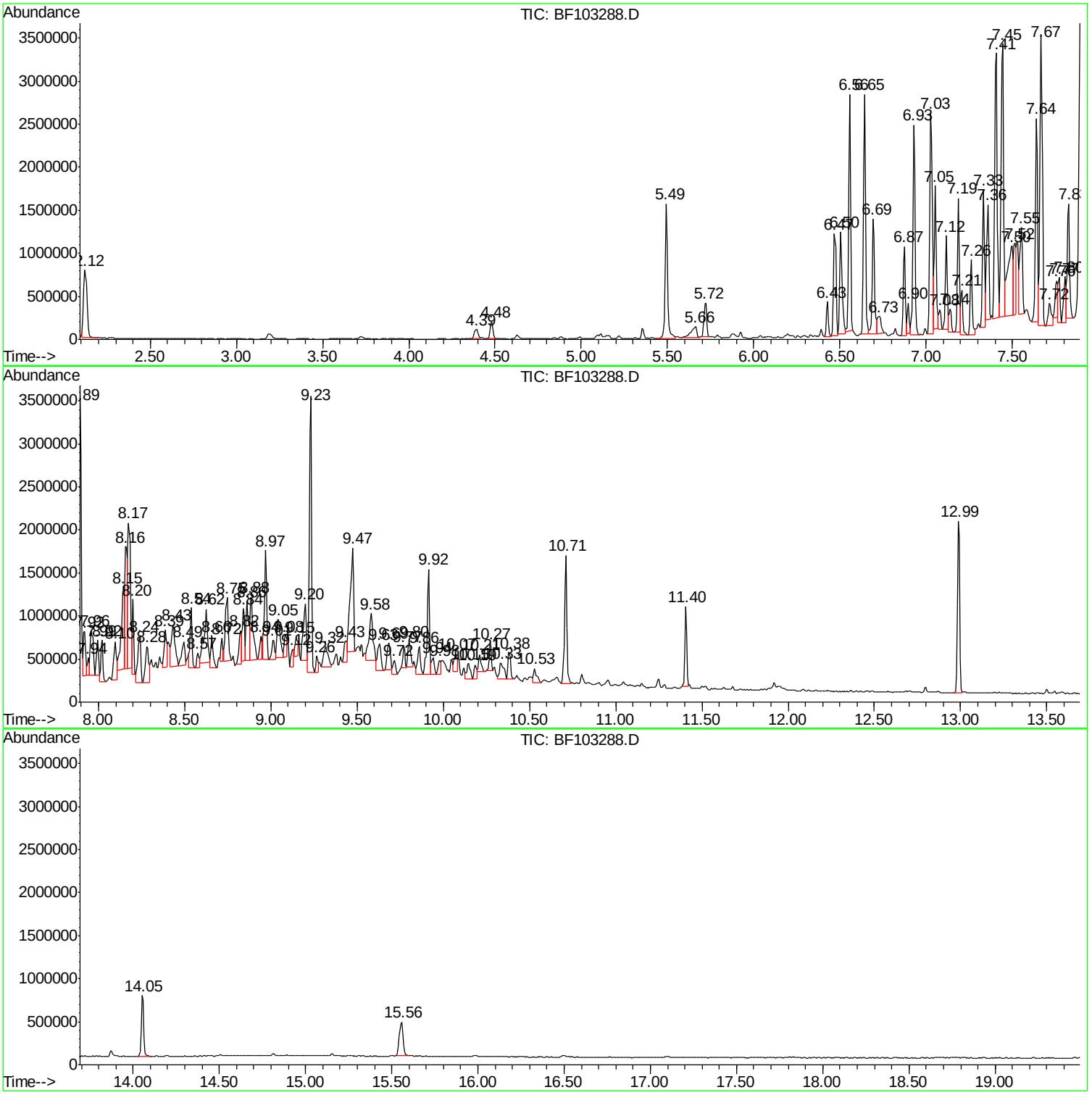
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

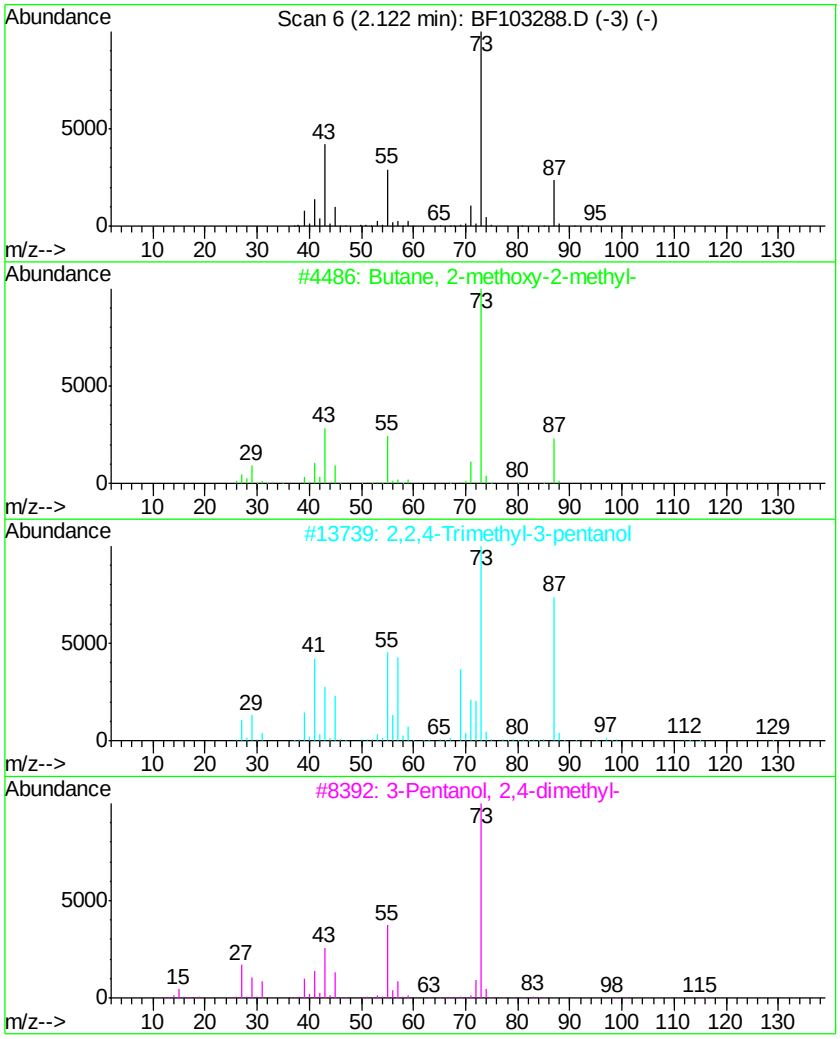
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

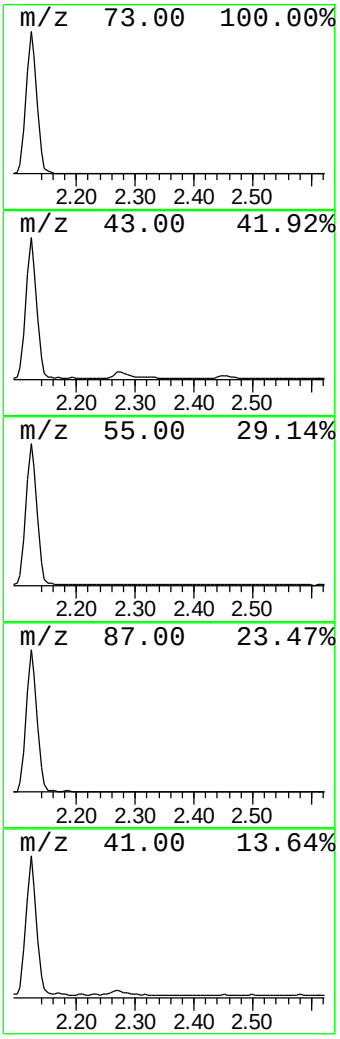
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	20.86 ng	999587	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

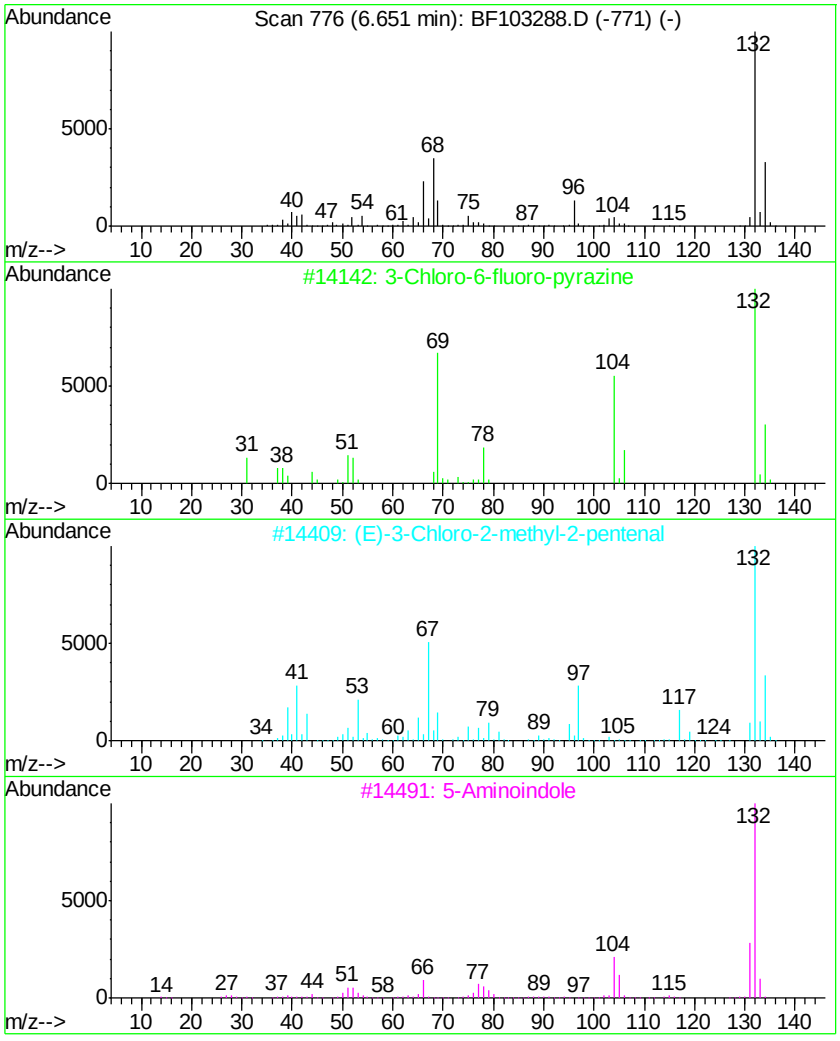
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

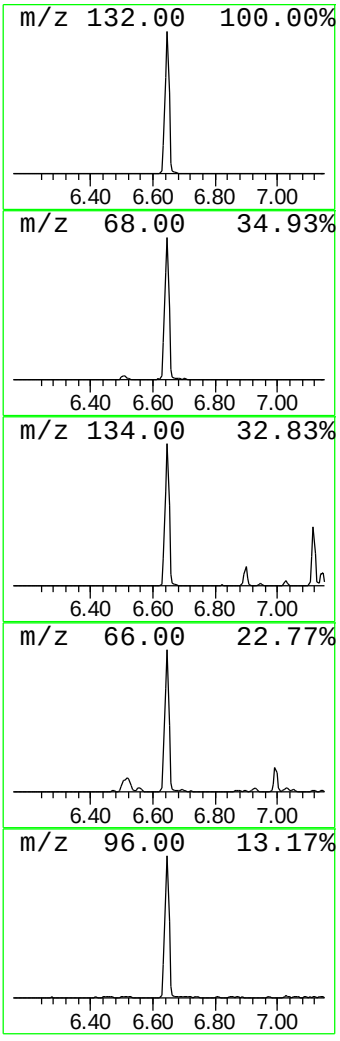
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	52.74 ng	2527500	1,4-Dichlorobenzene-d4	6.87

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

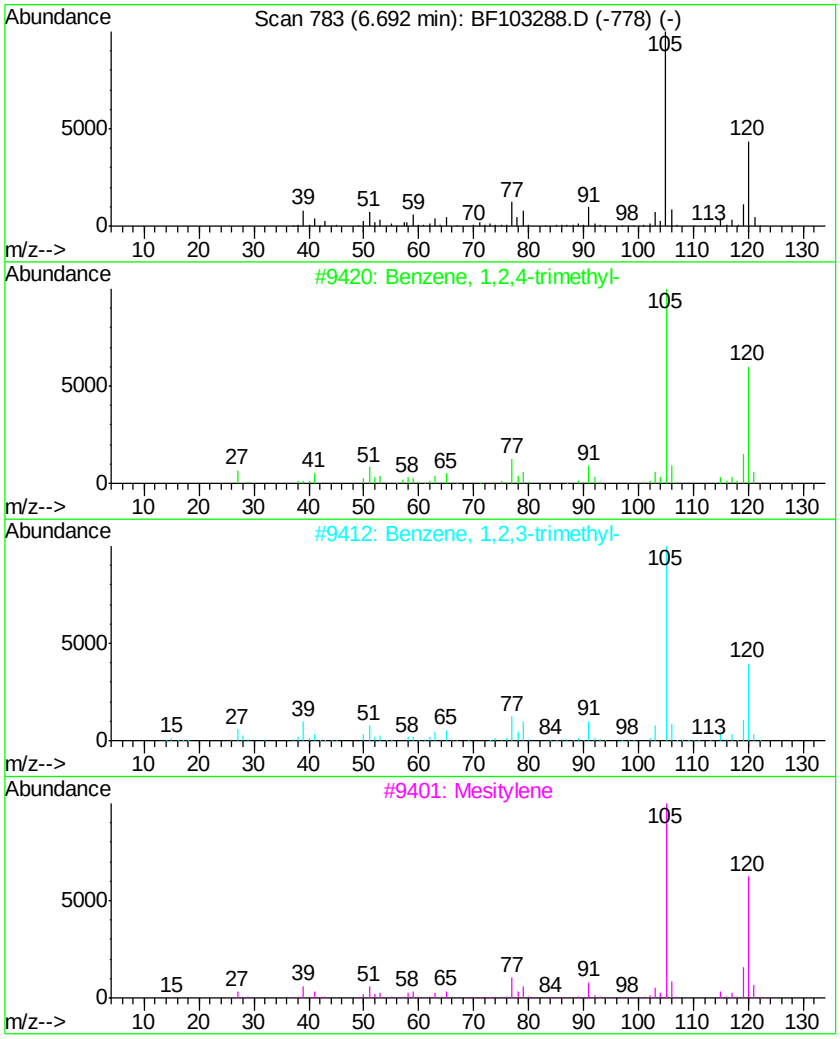
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

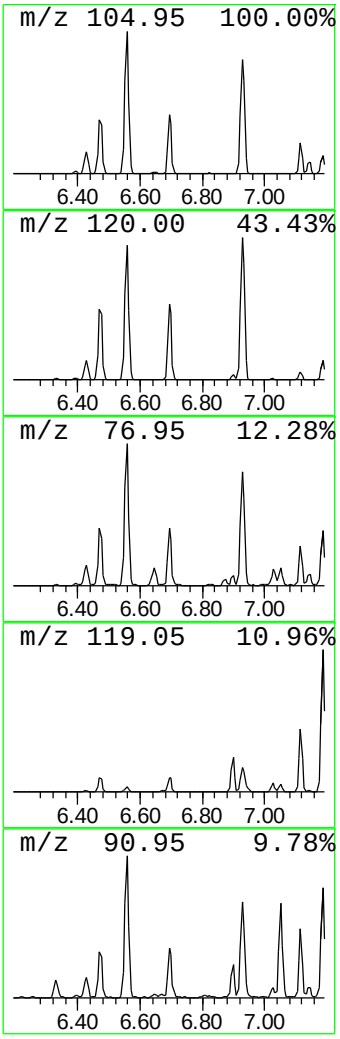
****

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	28.72 ng	1376380	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

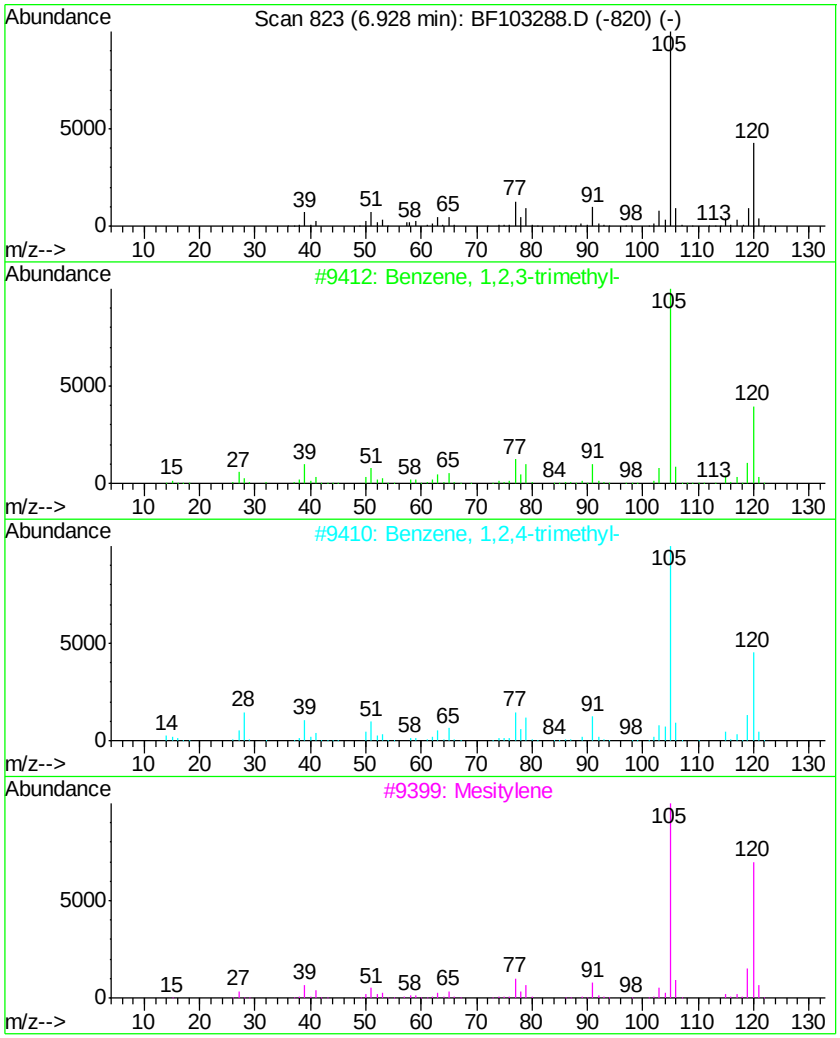
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

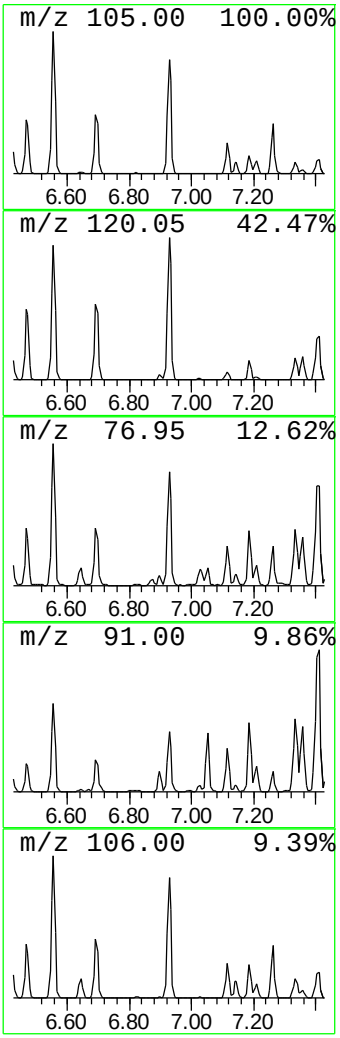
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	46.90 ng	2247250	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

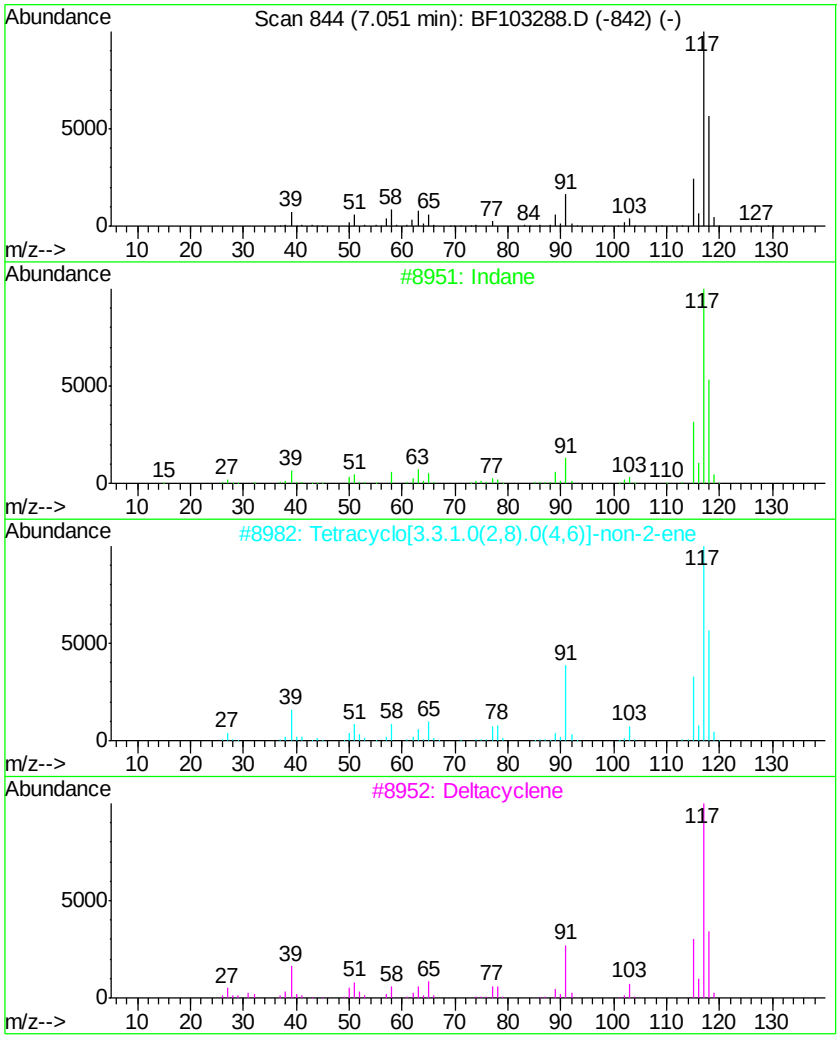
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

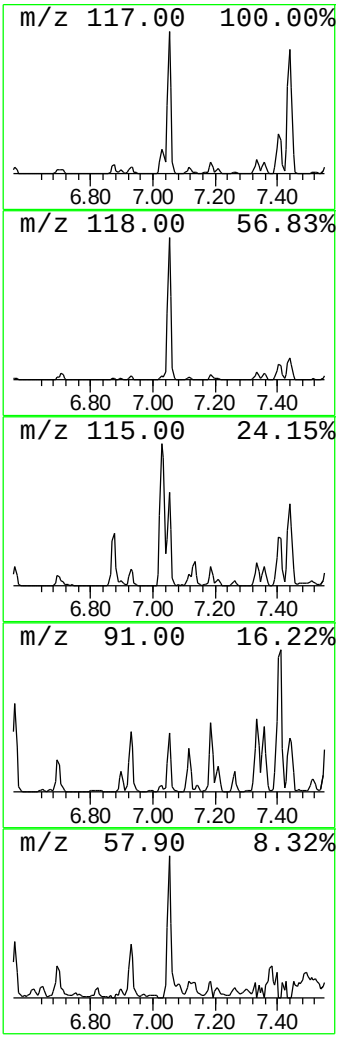
****

Peak Number 6 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	29.09 ng	1393780	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Deltacyclene	118	C9H10	007785-10-6	53
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

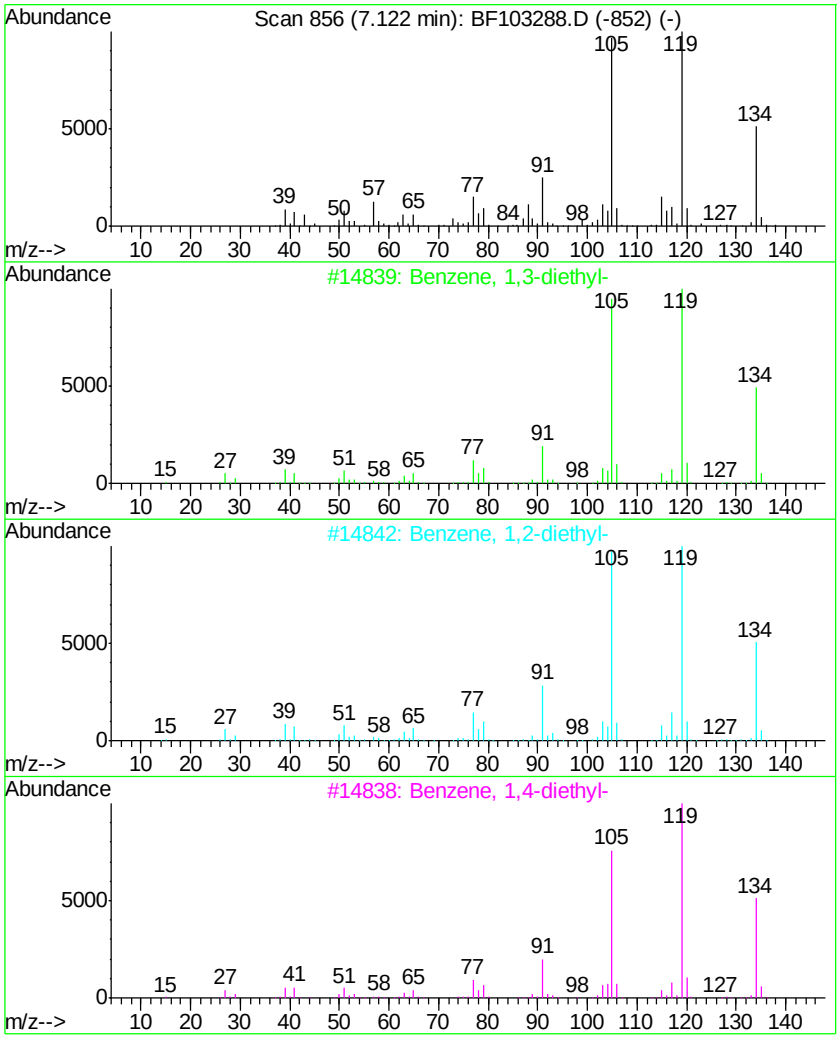
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

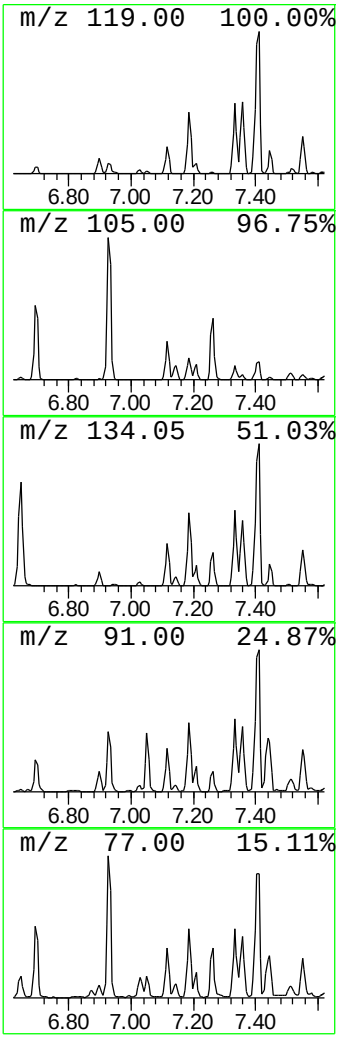
****

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	18.76 ng	899185	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	p-Cymene	134	C10H14	000099-87-6	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

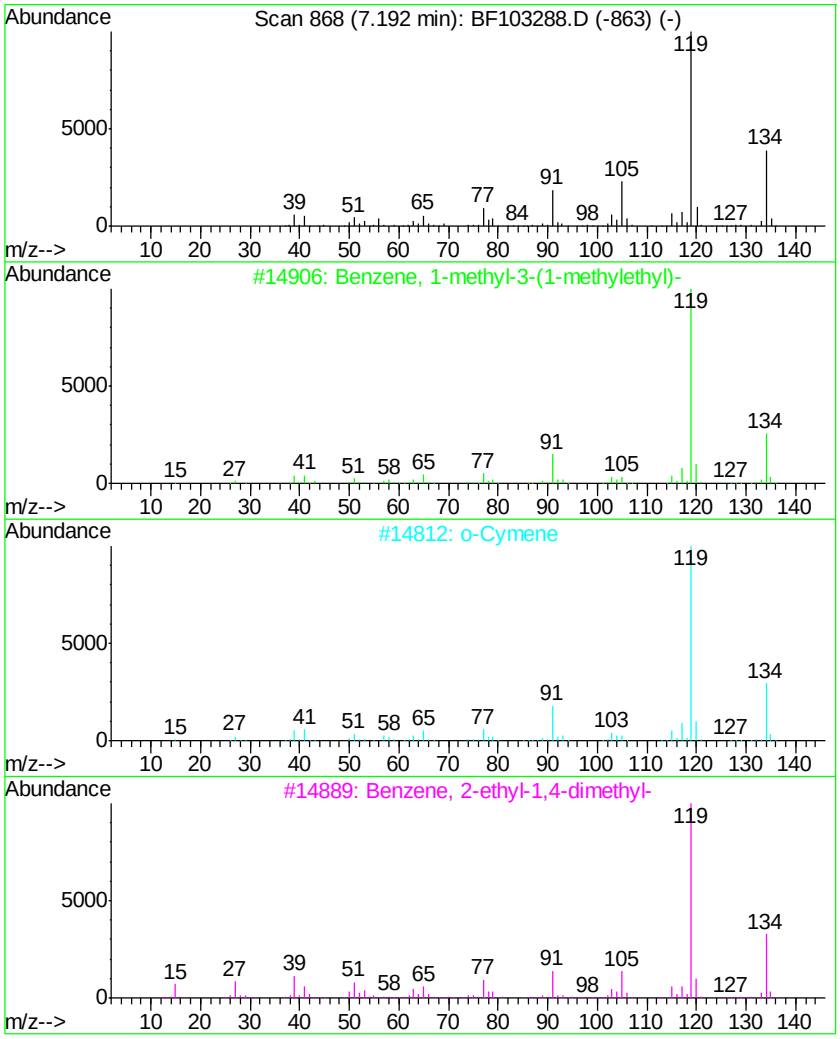
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

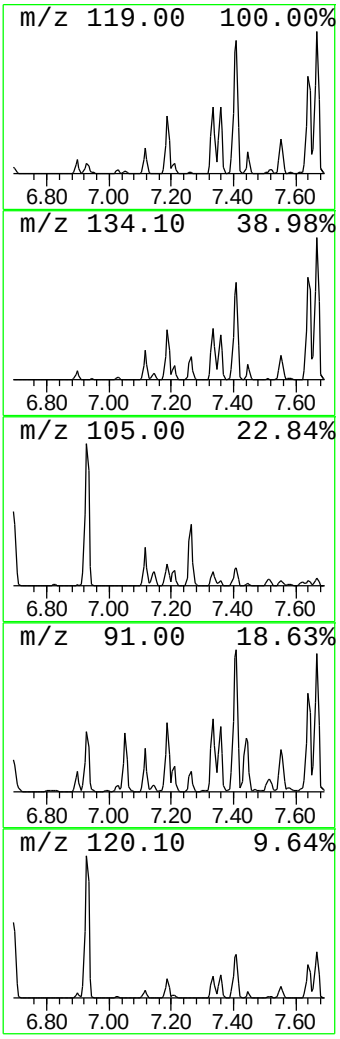
****

Peak Number 8 Benzene, 1-methyl-3-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	27.11 ng	1299150	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

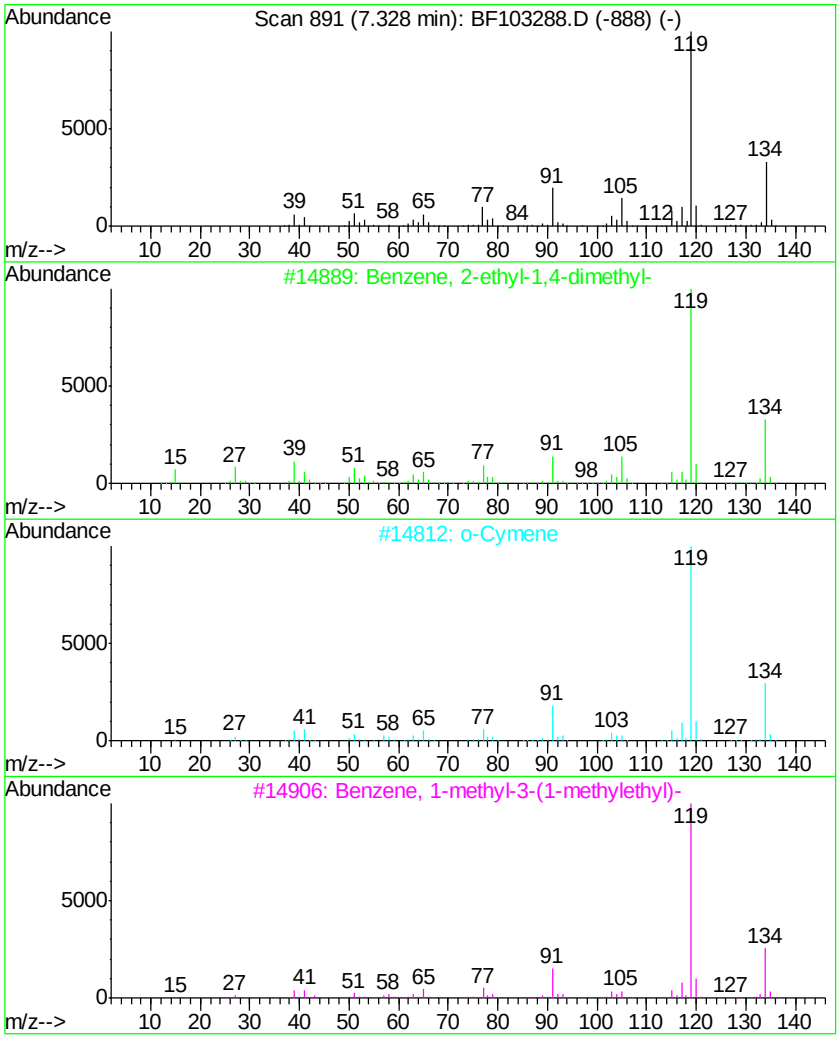
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

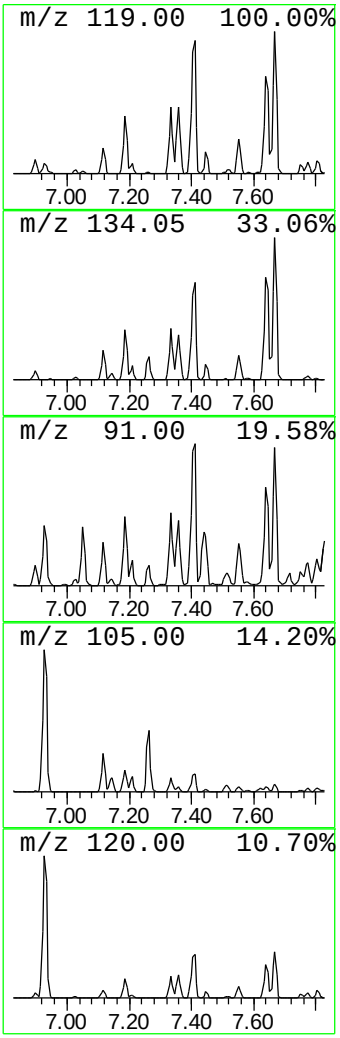
****

Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	30.18 ng	1446370	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

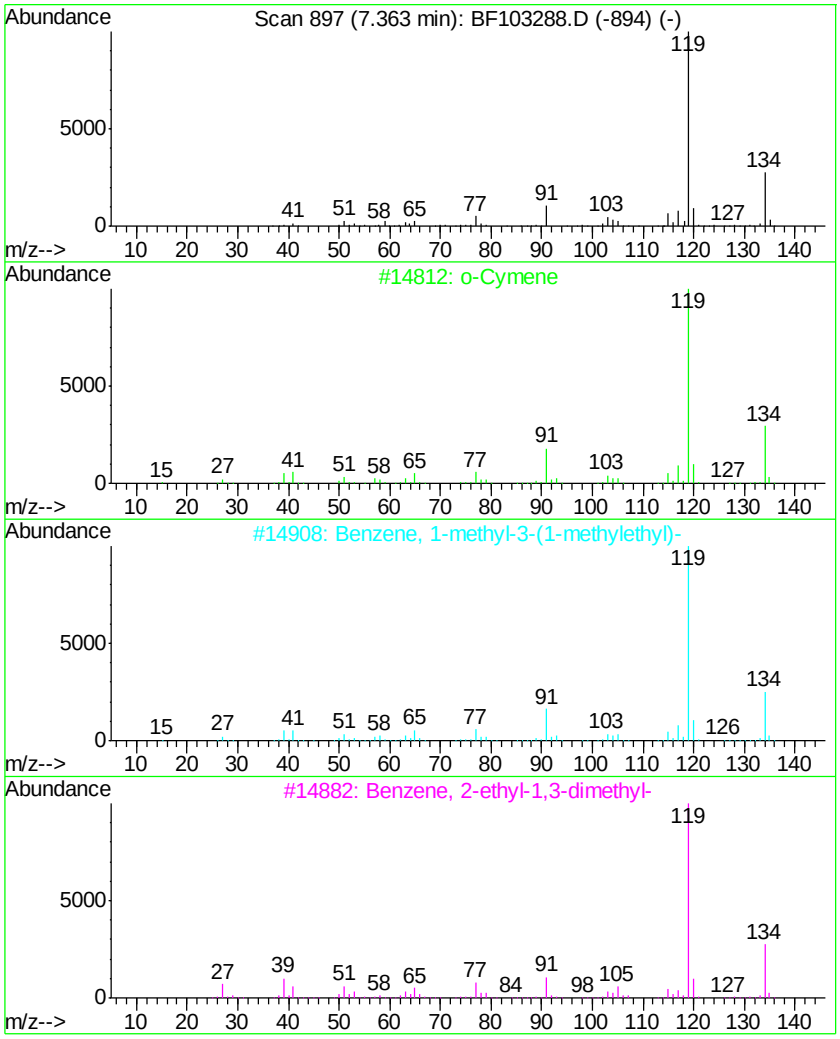
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

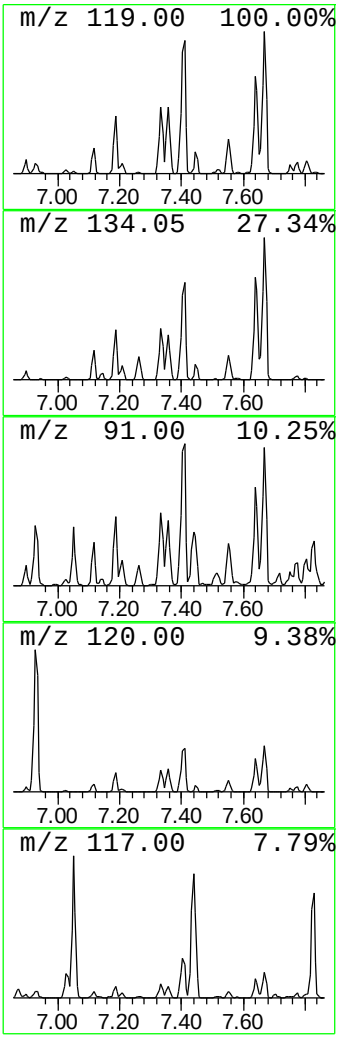
****

Peak Number 10 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	21.50 ng	1030220	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

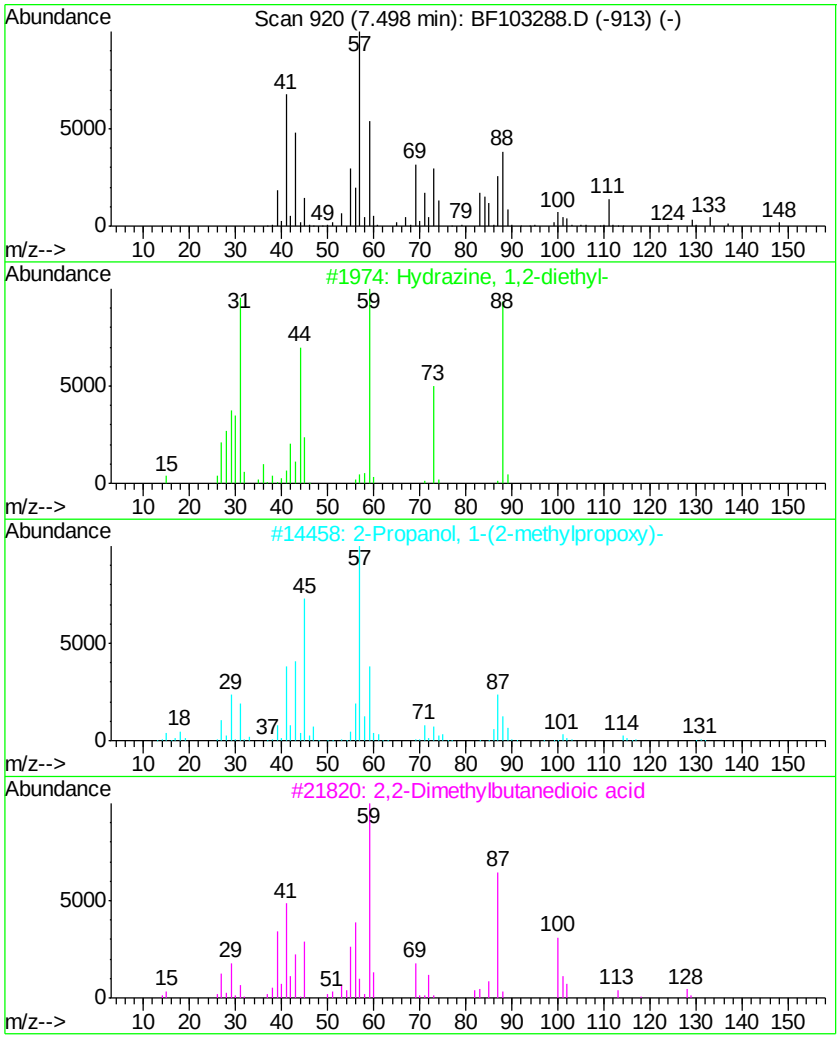
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

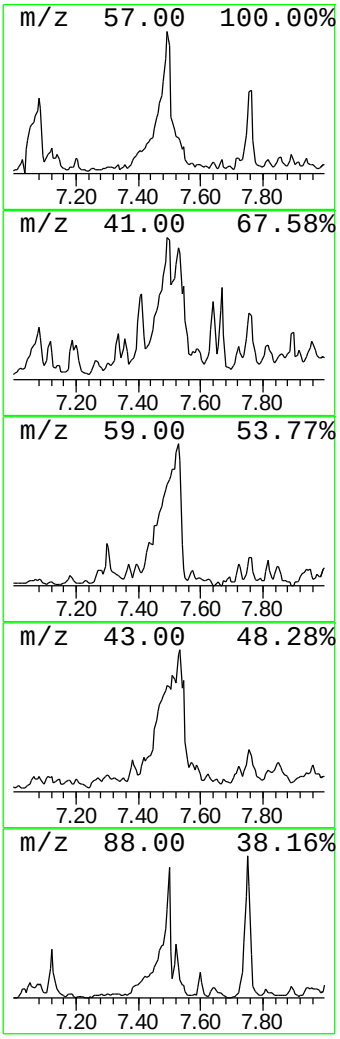
****

Peak Number 11 unknown7.50 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	36.65 ng	1756230	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	43
2	2-Propanol, 1-(2-methylpropoxy)-	132	C7H16O2	023436-19-3	37
3	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	25
4	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	25
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

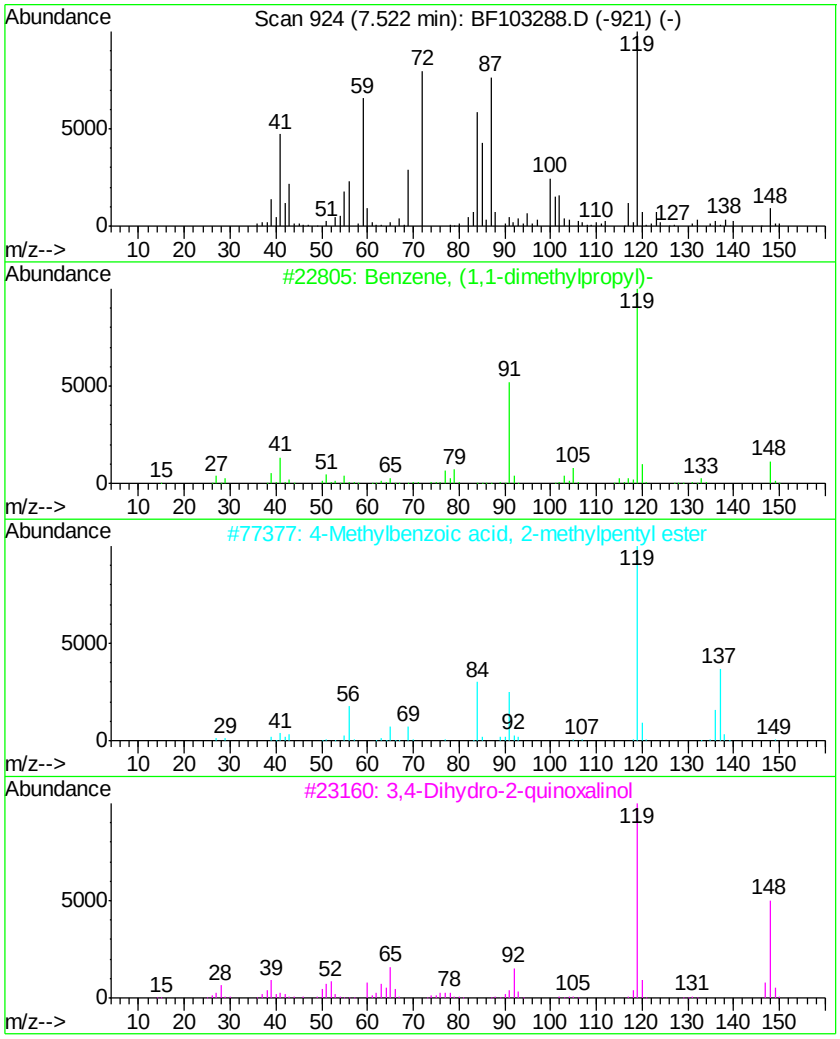
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

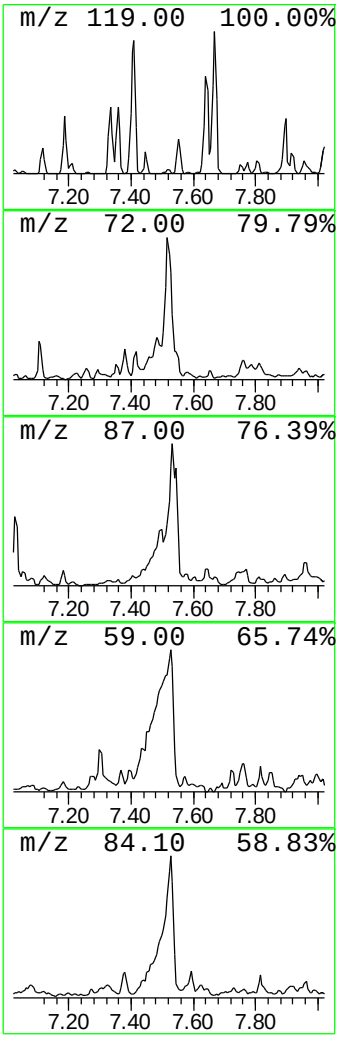
****

Peak Number 12 unknown7.52 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	17.83 ng	854319	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	25
2	4-Methylbenzoic acid, 2-methylpe...	220	C14H20O2	1000354-15-2	22
3	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	22
4	4'-Methylpropiophenone	148	C10H12O	005337-93-9	22
5	m-Toluic acid, oct-3-en-2-yl ester	246	C16H22O2	1000292-61-2	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

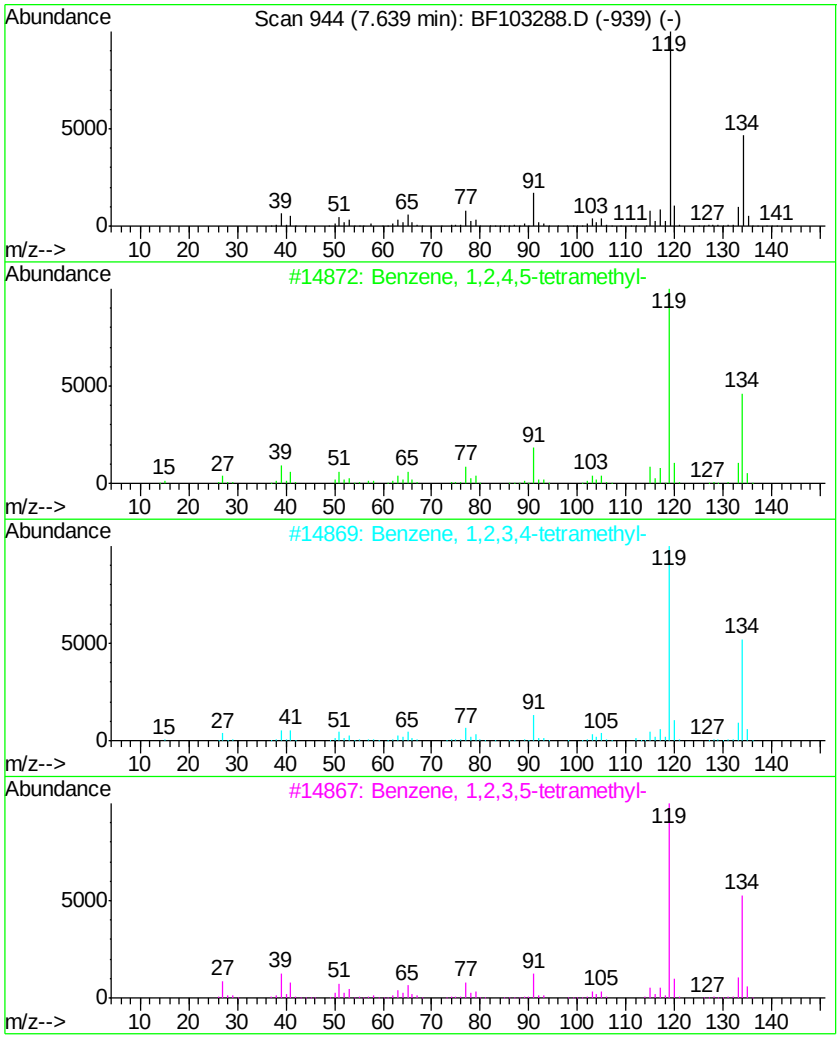
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

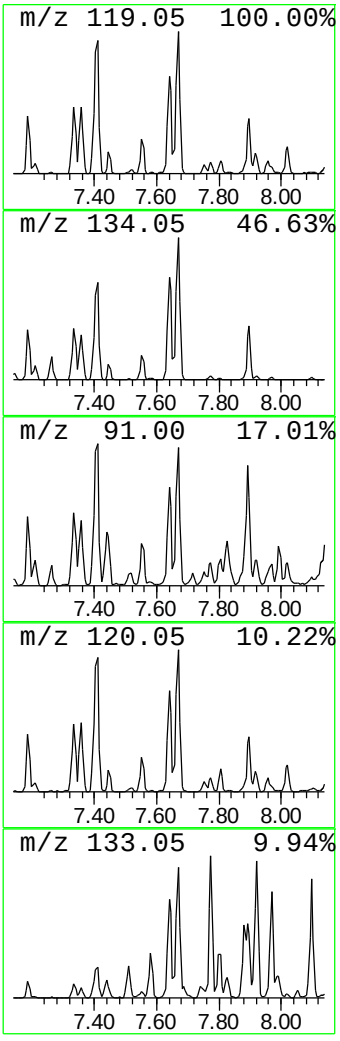
****

Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	30.32 ng	2205070	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

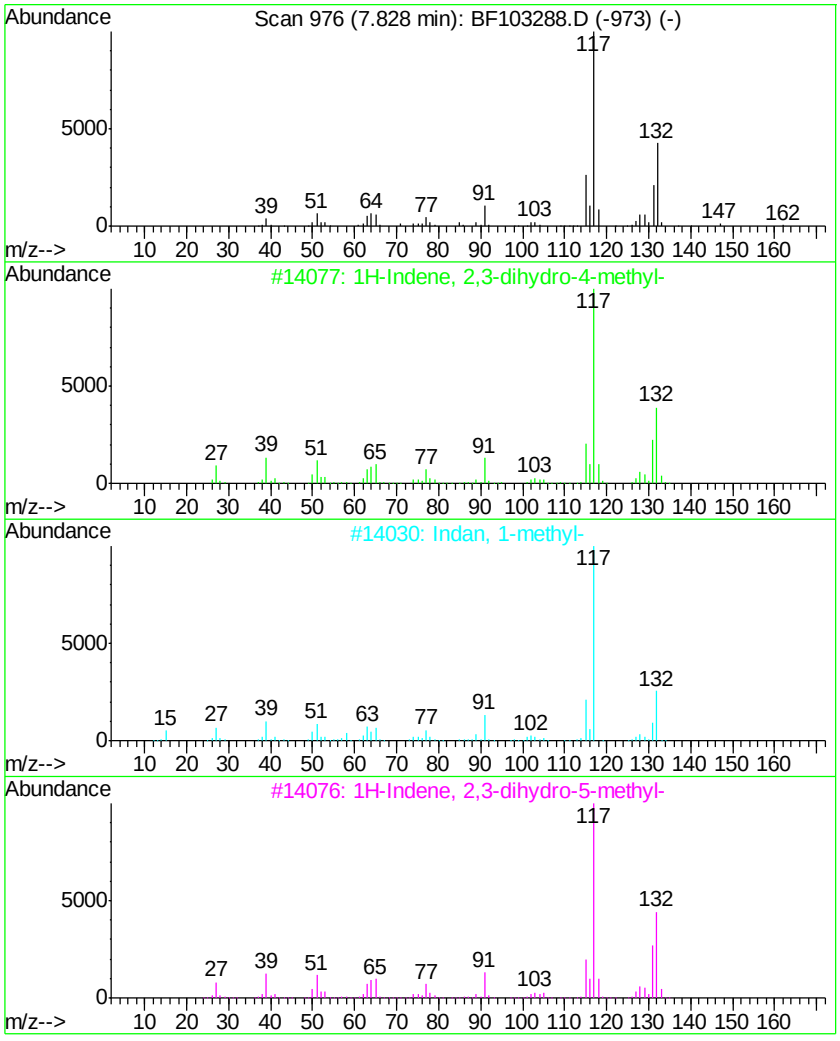
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

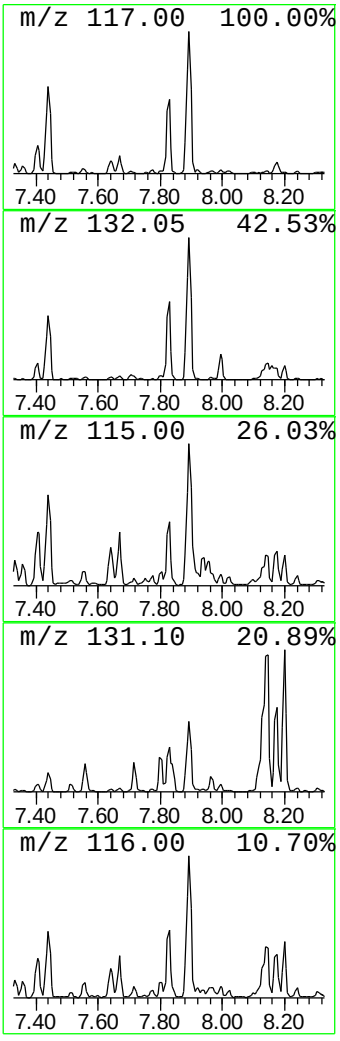
****

Peak Number 16 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	18.31 ng	1331310	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

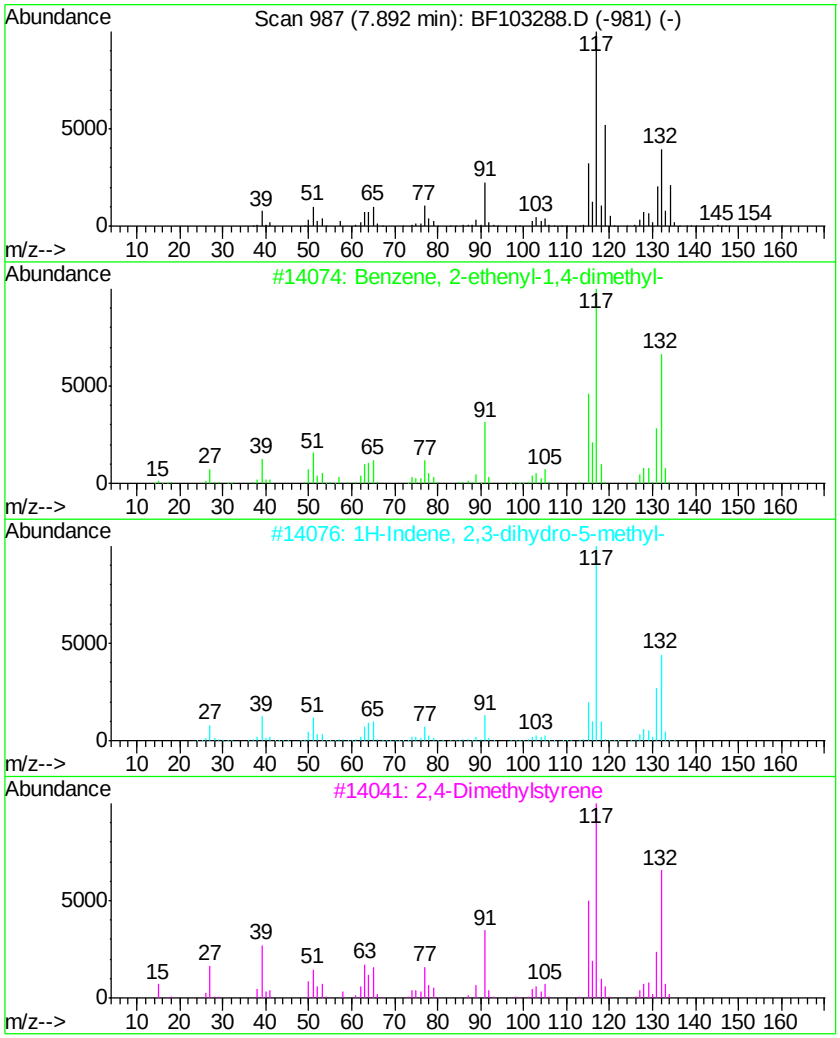
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

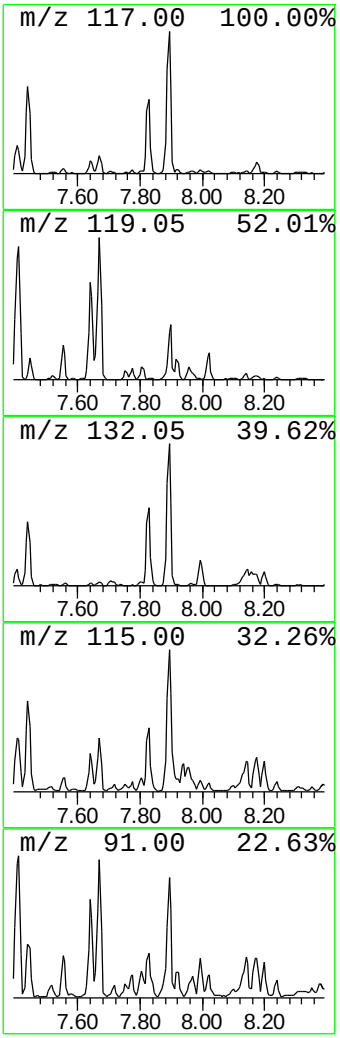
****

Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	48.82 ng	3550530	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

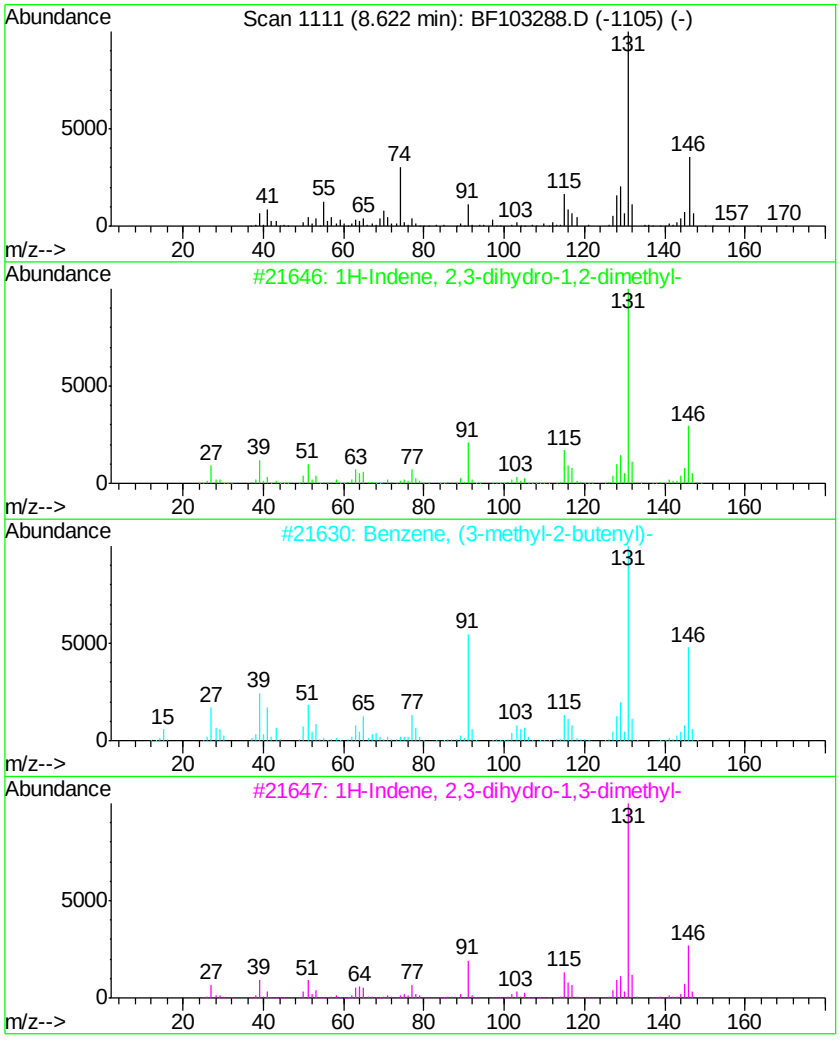
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

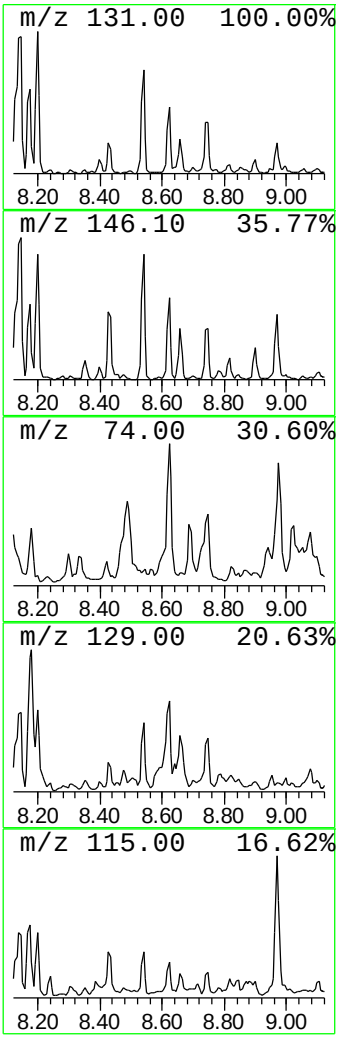
****

Peak Number 18 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	12.81 ng	931446	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

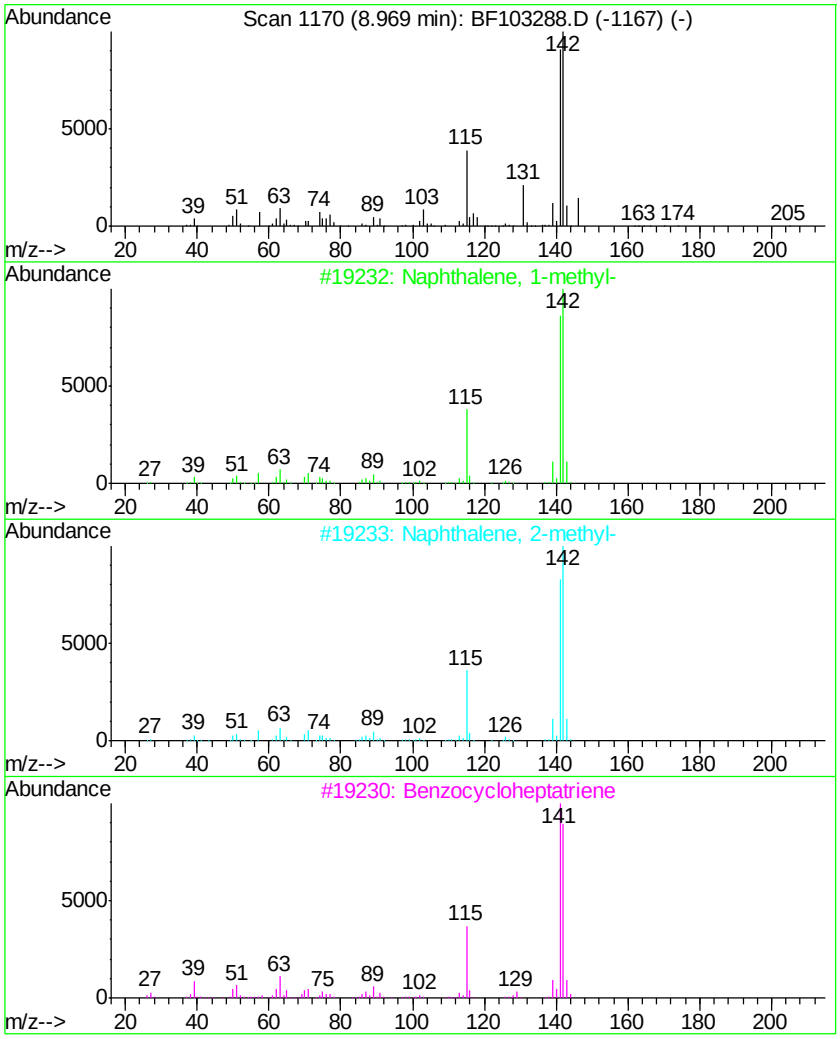
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

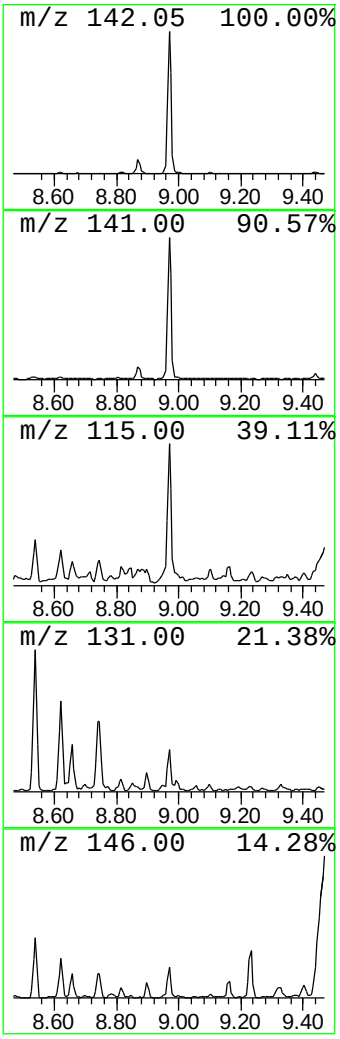
****

Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	16.72 ng	1216230	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3	Benzocycloheptatriene	142	C11H10	000264-09-5	87
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	81
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

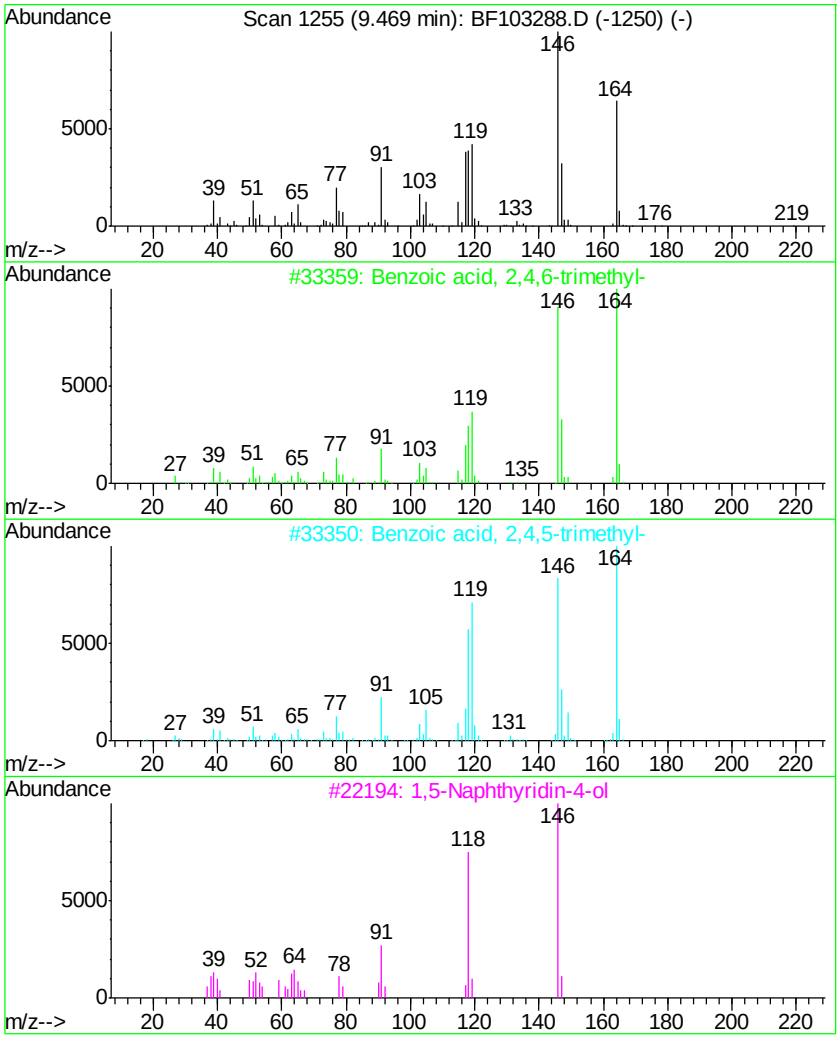
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

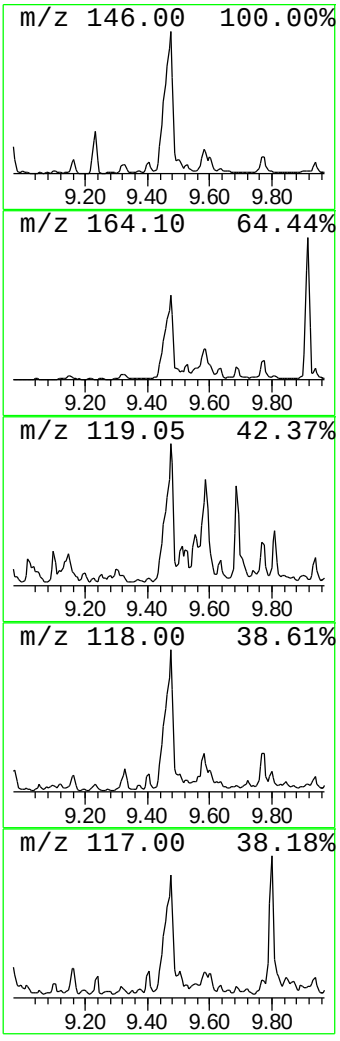
****

Peak Number 20 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	28.57 ng	1800490	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	93
2	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	58
3	1,5-Naphthyridin-4-ol	146	C8H6N2O	005423-54-1	35
4	8-Quinazolinol	146	C8H6N2O	007557-02-0	35
5	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
Butane, 2-methoxy...	2.12	20.9	ng	999587	1	6.87	958418	20.0
unknown6.65	6.65	52.7	ng	2527500	1	6.87	958418	20.0
Benzene, 1,2,4-tr...	6.69	28.7	ng	1376380	1	6.87	958418	20.0
Benzene, 1,2,3-tr...	6.93	46.9	ng	2247250	1	6.87	958418	20.0
Indane	7.05	29.1	ng	1393780	1	6.87	958418	20.0
Benzene, 1,3-diet...	7.12	18.8	ng	899185	1	6.87	958418	20.0
Benzene, 1-methyl...	7.19	27.1	ng	1299150	1	6.87	958418	20.0
Benzene, 2-ethyl-...	7.33	30.2	ng	1446370	1	6.87	958418	20.0
o-Cymene	7.36	21.5	ng	1030220	1	6.87	958418	20.0
unknown7.50	7.50	36.6	ng	1756230	1	6.87	958418	20.0
unknown7.52	7.52	17.8	ng	854319	1	6.87	958418	20.0
Benzene, 1,2,4,5-...	7.64	30.3	ng	2205070	2	8.16	1454450	20.0
1H-Indene, 2,3-di...	7.83	18.3	ng	1331310	2	8.16	1454450	20.0
Benzene, 2-etheny...	7.89	48.8	ng	3550530	2	8.16	1454450	20.0
1H-Indene, 2,3-di...	8.62	12.8	ng	931446	2	8.16	1454450	20.0
Naphthalene, 1-me...	8.97	16.7	ng	1216230	2	8.16	1454450	20.0
Benzoic acid, 2,4...	9.47	28.6	ng	1800490	3	9.92	1260600	20.0