LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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	4.096	294	299	304	rVB	493148	590467	9.91%	0.606%
2	5.466	527	532	535	rBV	2952026	2953265	49.54%	3.029%
3	5.590	545	553	556	rBV	3760426	5960984	100.00%	6.113%
4	5.613	556	557	563	rVB	1054052	1007847	16.91%	1.034%
5	5.825	589	593	596	rBV	2929474	2911966	48.85%	2.986%
6	6.137	642	646	650	rBV	565793	500750	8.40%	0.514%
7	6.425	692	695	699	rVV	622370	574127	9.63%	0.589%
8	6.490	702	706	709	rBV	1304249	1266169	21.24%	1.299%
9	6.525	709	712	715	rVB	1893679	1505435	25.25%	1.544%
10	6.572	715	720	723	rBV	2815424	2571813	43.14%	2.638%
11	6.613	724	727	731	rBV	800229	849754	14.26%	0.871%
12	6.654	731	734	737	rVB	1441906	1212816	20.35%	1.244%
13	6.748	746	750	754	rBV	2189743	2015736	33.82%	2.067%
14	6.795	754	758	761	rVV	4242585	4698539	78.82%	4.819%
15	6.966	784	787	790	rVV	937459	812959	13.64%	0.834%
16	6.990	790	791	794	rVV	309939	255353	4.28%	0.262%
17	7.025	794	797	802	rVB	2602206	2318427	38.89%	2.378%
18	7.125	808	814	816	rBV	2233979	2071643	34.75%	2.125%
19	7.148	816	818	821	rVV	1399068	1089380	18.28%	1.117%
20	7.207	821	828	830	rVV	601853	886745	14.88%	0.909%
21	7.237	830	833	835	rVV	977018	1108287	18.59%	1.137%
22	7.278	837	840	843	rVV	2113989	2328188	39.06%	2.388%
23	7.354	850	853	855	rVV	645730	541017	9.08%	0.555%
24	7.378	855	857	862	rVB	432187	362849	6.09%	0.372%
25	7.425	862	865	867	rBV	929517	791005	13.27%	0.811%
26	7.448	867	869	872	rVB	870100	677964	11.37%	0.695%
27	7.495	872	877	880	rBV	1427956	1364534	22.89%	1.399%
28	7.531	880	883	887	rVV2	2160678	2468237	41.41%	2.531%
29	7.613	887	897	901	rVV4	934167	2882674	48.36%	2.956%
30	7.648	901	903	905	rVV2	691775	611561	10.26%	0.627%
31	7.672	905	907	910	rVB2	254863	240474	4.03%	0.247%
32	7.731	910	917	919	rBV	1339322	1245856	20.90%	1.278%
33	7.760	919	922	925	rVV	1874443	1524078	25.57%	1.563%
34	7.842	932	936	938	rBV4	393935	463686	7.78%	0.476%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.895	942	945	947	rBV	599565	651743	10.93%	0.668%
36	7.919	947	949	953	rVB	515516	433317	7.27%	0.444%
37	7.984	956	960	963	rVV	2451135	2381085	39.94%	2.442%
38	8.060	969	973	975	rVB2	261321	348775	5.85%	0.358%
39	8.089	975	978	980	rBV	1000462	786405	13.19%	0.807%
40	8.190	989	995	997	rBV3	376825	489475	8.21%	0.502%
41	8.219	997	1000	1001	rVV2	246517	279869	4.70%	0.287%
42	8.237	1001	1003	1004	rVV	564341	521732	8.75%	0.535%
43	8.254	1004	1006	1007	rVV2	1158660	1038059	17.41%	1.065%
44	8.272	1007	1009	1011	rVV	2252071	2144434	35.97%	2.199%
45	8.295	1011	1013	1016	rVB2	619069	520686	8.73%	0.534%
46	8.331	1016	1019	1021	rBV2	310277	243715	4.09%	0.250%
47	8.372	1021	1026	1028	rBV3	395286	480827	8.07%	0.493%
48	8.442	1036	1038	1042	rVV2	314027	383376	6.43%	0.393%
49	8.495	1042	1047	1050	rVV4	569289	1025931	17.21%	1.052%
50	8.537	1050	1054	1058	rVB5	388827	586792	9.84%	0.602%
51	8.631	1065	1070	1072	rVV2	398946	443214	7.44%	0.455%
52	8.654	1072	1074	1082	rVV4	396885	909345	15.25%	0.933%
53	8.713	1082	1084	1087	rVV	476804	432246	7.25%	0.443%
54	8.754	1087	1091	1095	rVB3	605299	673099	11.29%	0.690%
55	8.807	1095	1100	1101	rBV2	308056	337162	5.66%	0.346%
56	8.837	1101	1105	1110	rVB5	429921	801101	13.44%	0.822%
57	8.913	1115	1118	1120	rVV	522414	545609	9.15%	0.560%
58	8.966	1124	1127	1130	rVB	1929592	1574019	26.41%	1.614%
59	9.037	1136	1139	1141	rBV3	238501	233655	3.92%	0.240%
60	9.066	1141	1144	1147	rVB	1967304	1740319	29.20%	1.785%
61	9.107	1147	1151	1153	rBV4	230407	326794	5.48%	0.335%
62	9.142	1153	1157	1161	rVB5	279194	412254	6.92%	0.423%
63	9.189	1162	1165	1167	rVB3	350081	284247	4.77%	0.292%
64	9.213	1167	1169	1171	rBV3	213475	235825	3.96%	0.242%
65	9.325	1184	1188	1191	rVB	2803027	2484004	41.67%	2.547%
66	9.354	1191	1193	1197	rBV2	689309	711294	11.93%	0.729%
67	9.401	1197	1201	1203	rVV3	205790	289502	4.86%	0.297%
68	9.425	1203	1205	1207	rVV	312081	275833	4.63%	0.283%
69	9.460	1208	1211	1215	rVV4	263187	374426	6.28%	0.384%
70	9.595	1228	1234	1237	rBV4	700820	996554	16.72%	1.022%
71	9.666	1242	1246	1249	rVV2	1092744	1626985	27.29%	1.669%

LSC Area Percent Report

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Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.689	1249	1250	1253	rVV	655747	568554	9.54%	0.583%
73	9.784	1261	1266	1268	rBV3	403546	540639	9.07%	0.554%
74	9.866	1277	1280	1283	rVB2	428714	463332	7.77%	0.475%
75	9.907	1283	1287	1288	rBV3	200445	275162	4.62%	0.282%
76	9.954	1291	1295	1298	rBV3	631979	728785	12.23%	0.747%
77	9.983	1298	1300	1302	rVV2	214852	240095	4.03%	0.246%
78	10.007	1302	1304	1307	rVV	891429	869698	14.59%	0.892%
79	10.101	1317	1320	1323	rVV4	310752	401873	6.74%	0.412%
80	10.136	1323	1326	1328	rVV	458553	455820	7.65%	0.467%
81	10.160	1328	1330	1332	rVV2	327950	375270	6.30%	0.385%
82	10.183	1332	1334	1337	rVV3	428089	510053	8.56%	0.523%
83	10.248	1341	1345	1349	rBV5	228688	307566	5.16%	0.315%
84	10.325	1355	1358	1361	rVV4	169662	298671	5.01%	0.306%
85	10.354	1361	1363	1364	rVV2	252061	255678	4.29%	0.262%
86	10.372	1364	1366	1370	rVV2	619133	779807	13.08%	0.800%
87	10.454	1376	1380	1385	rVB6	770552	1152618	19.34%	1.182%
88	10.495	1385	1387	1392	rVB5	174939	250231	4.20%	0.257%
89	10.589	1400	1403	1406	rBV3	382358	376341	6.31%	0.386%
90	10.701	1419	1422	1428	rVB7	155798	284608	4.77%	0.292%
91	10.772	1432	1434	1436	rVV2	268604	230595	3.87%	0.236%
92	10.801	1436	1439	1442	rVB	1288548	1222348	20.51%	1.254%
93	10.966	1464	1467	1469	rBV	305221	291310	4.89%	0.299%
94	11.501	1555	1558	1561	rBV	848576	731299	12.27%	0.750%
95	12.019	1643	1646	1653	rVB	605823	627517	10.53%	0.644%
96	12.801	1776	1779	1784	rBV	240569	228585	3.83%	0.234%
97	13.083	1823	1827	1831	rVB	2377265	2245737	37.67%	2.303%
98	14.148	2004	2008	2011	rBV	836158	731594	12.27%	0.750%
99	14.277	2021	2030	2044	rVB7	234965	848479	14.23%	0.870%
100	15.677	2264	2268	2274	rVB	399499	527463	8.85%	0.541%

Sum of corrected areas: 97508021

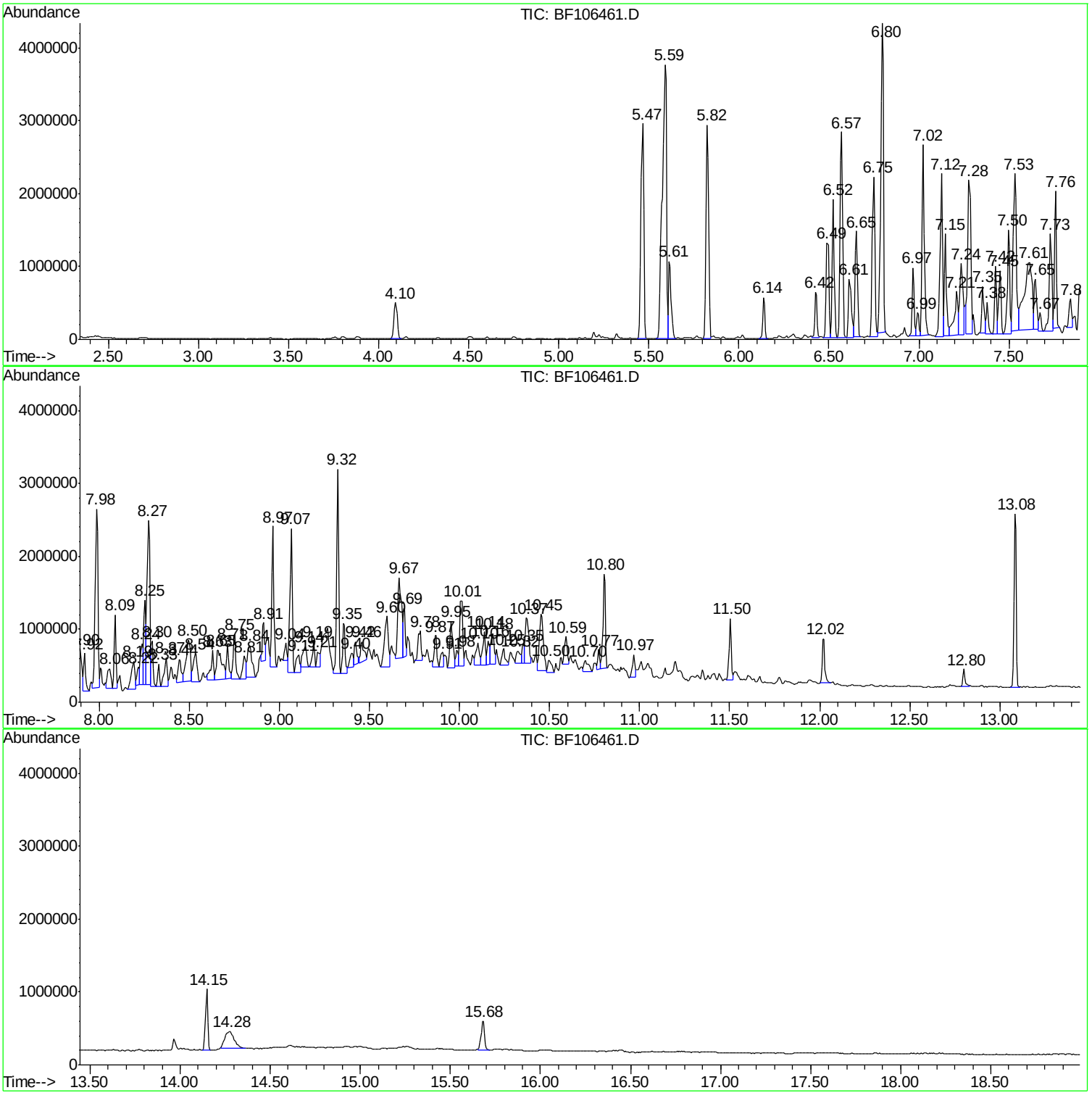
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
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Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

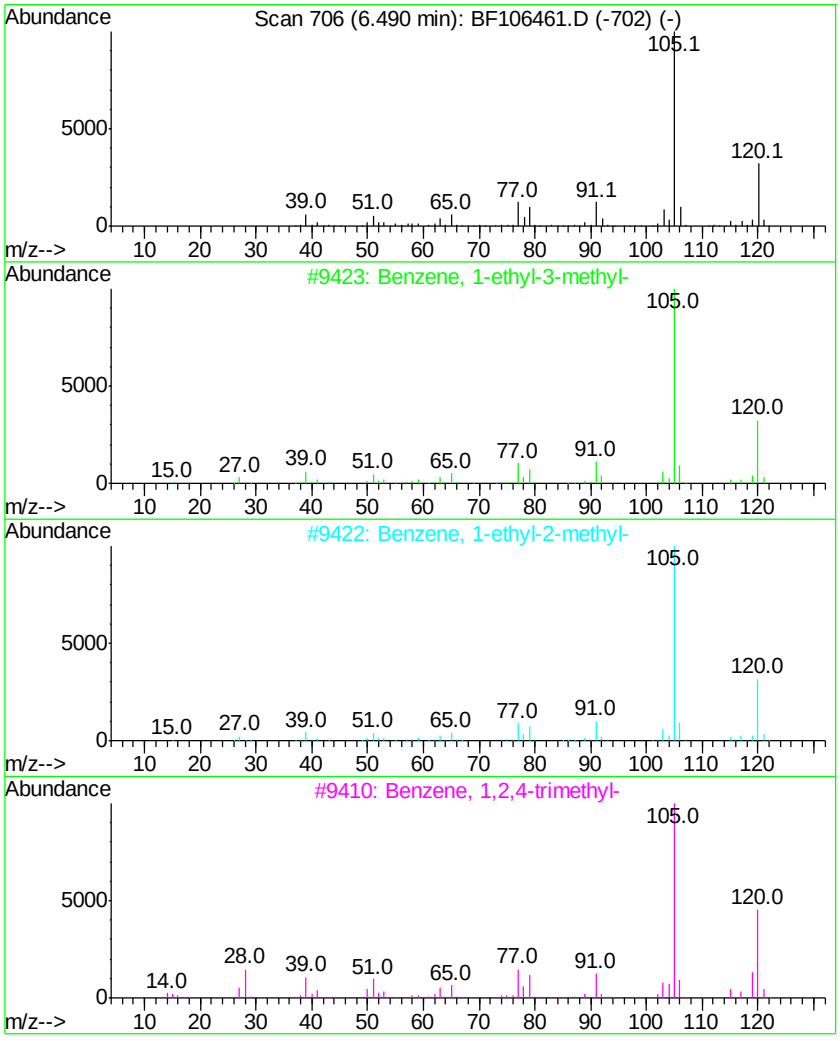
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

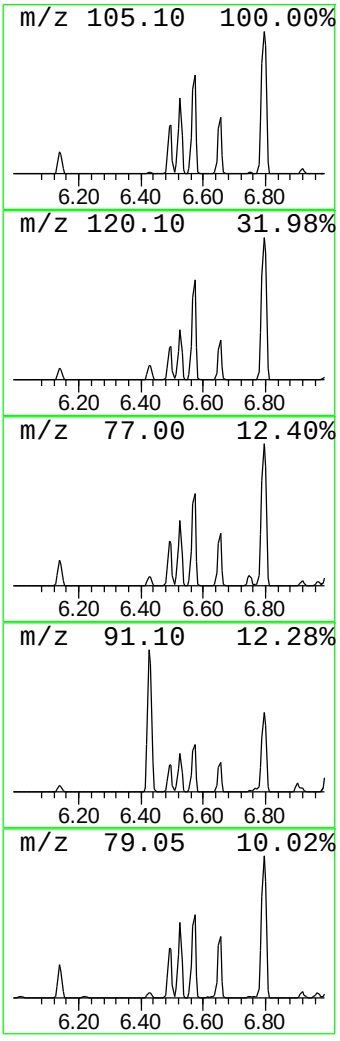
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	31.15 ng	1266170	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

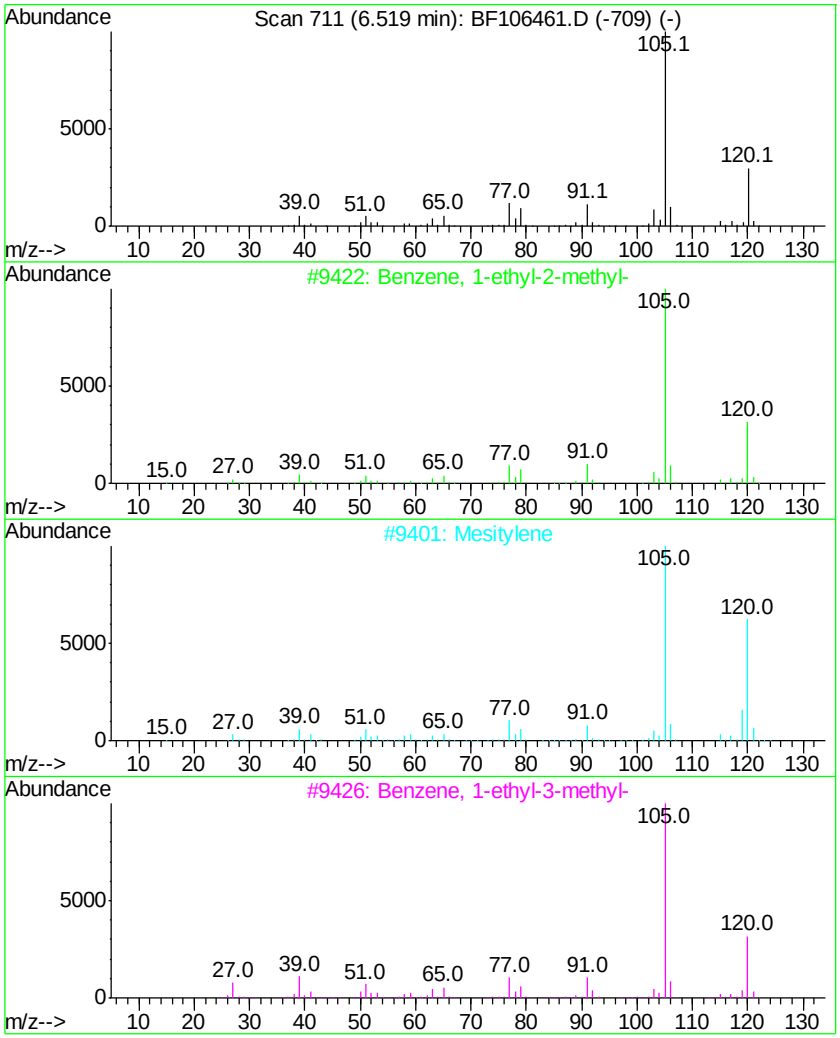
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

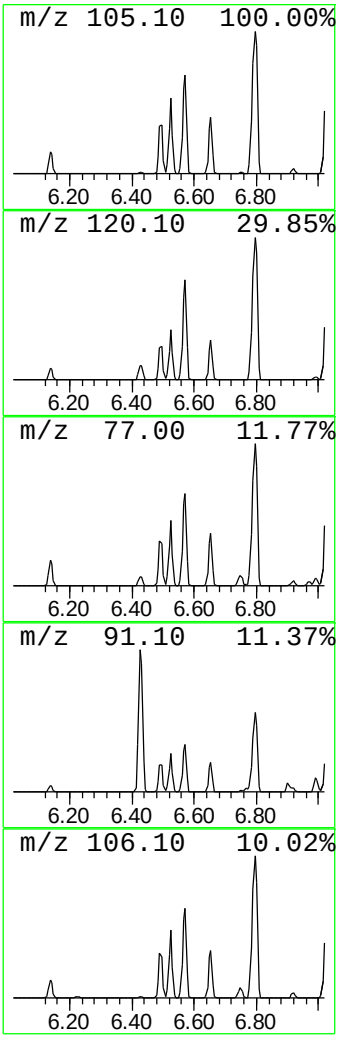
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	37.04 ng	1505440	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

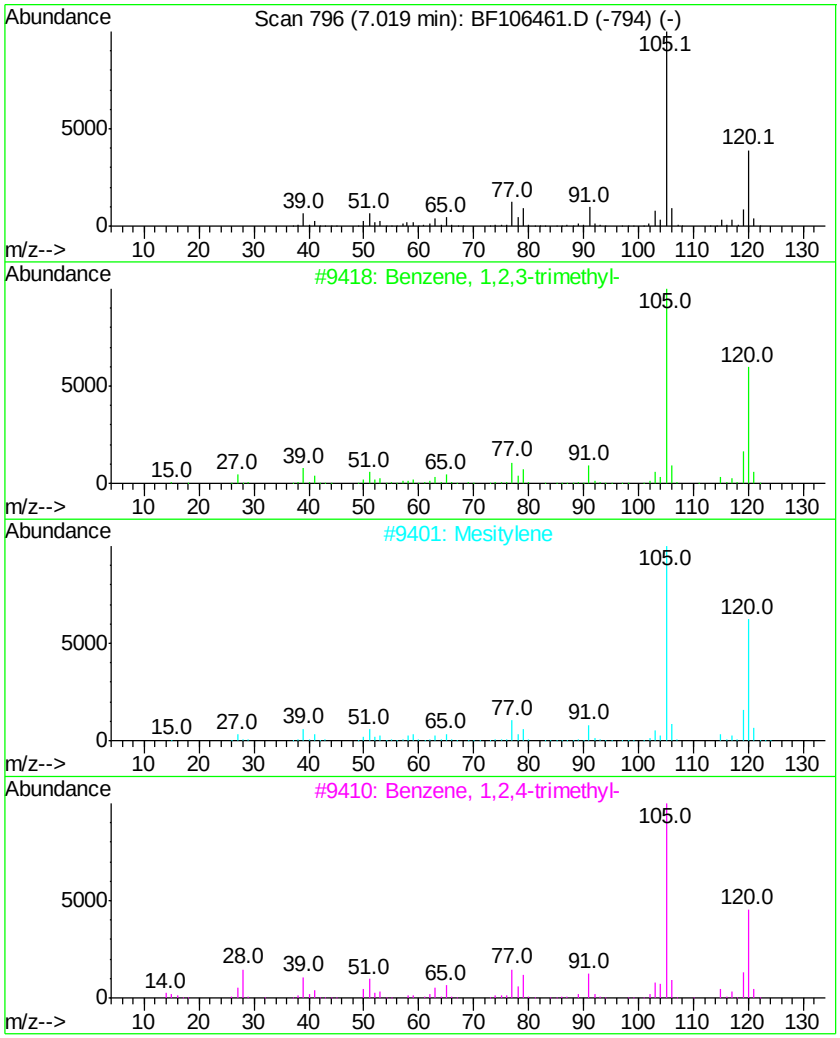
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

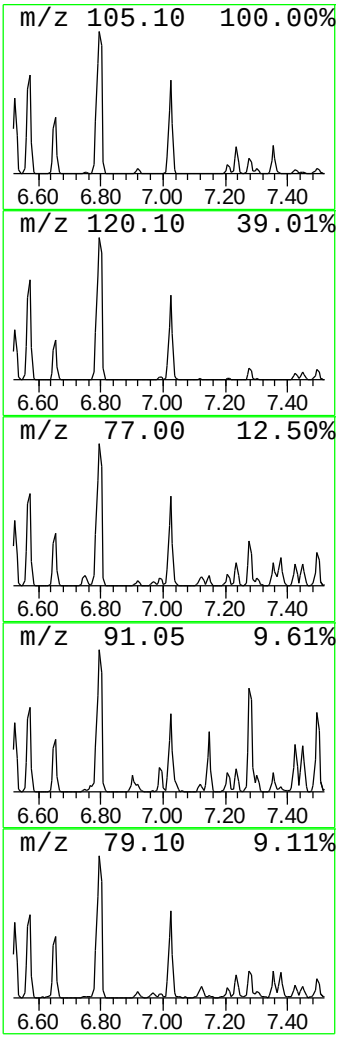
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	57.04 ng	2318430	1,4-Dichlorobenzene-d4	6.97

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

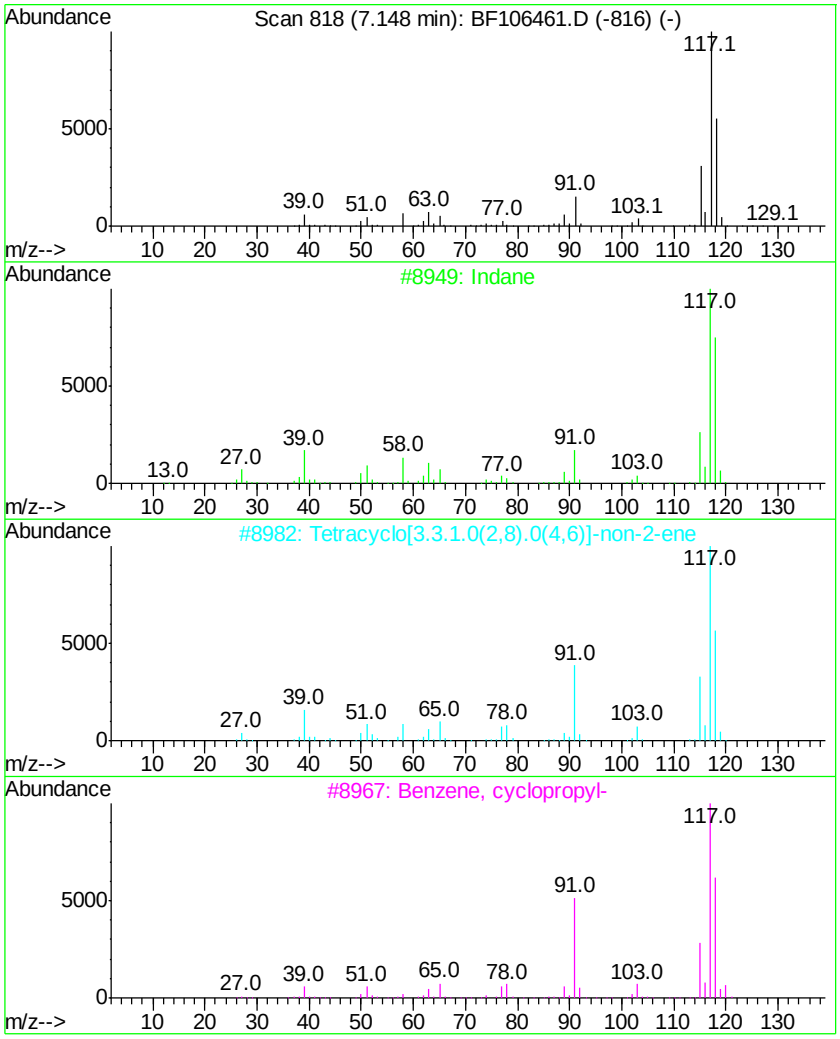
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

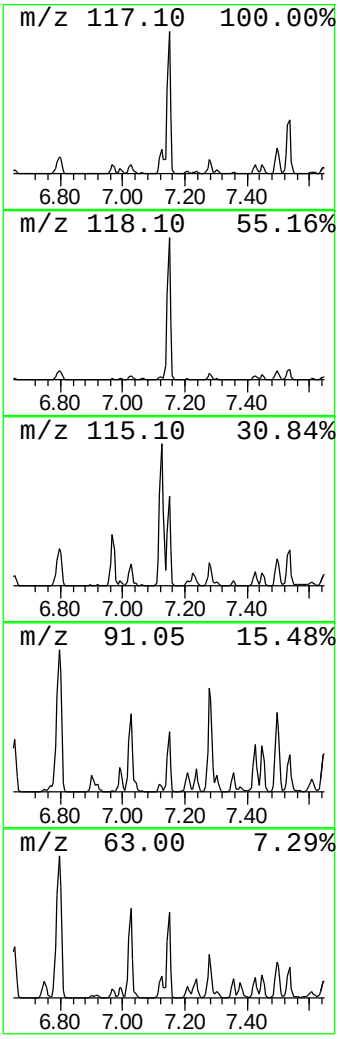
****

Peak Number 7 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	26.80 ng	1089380	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

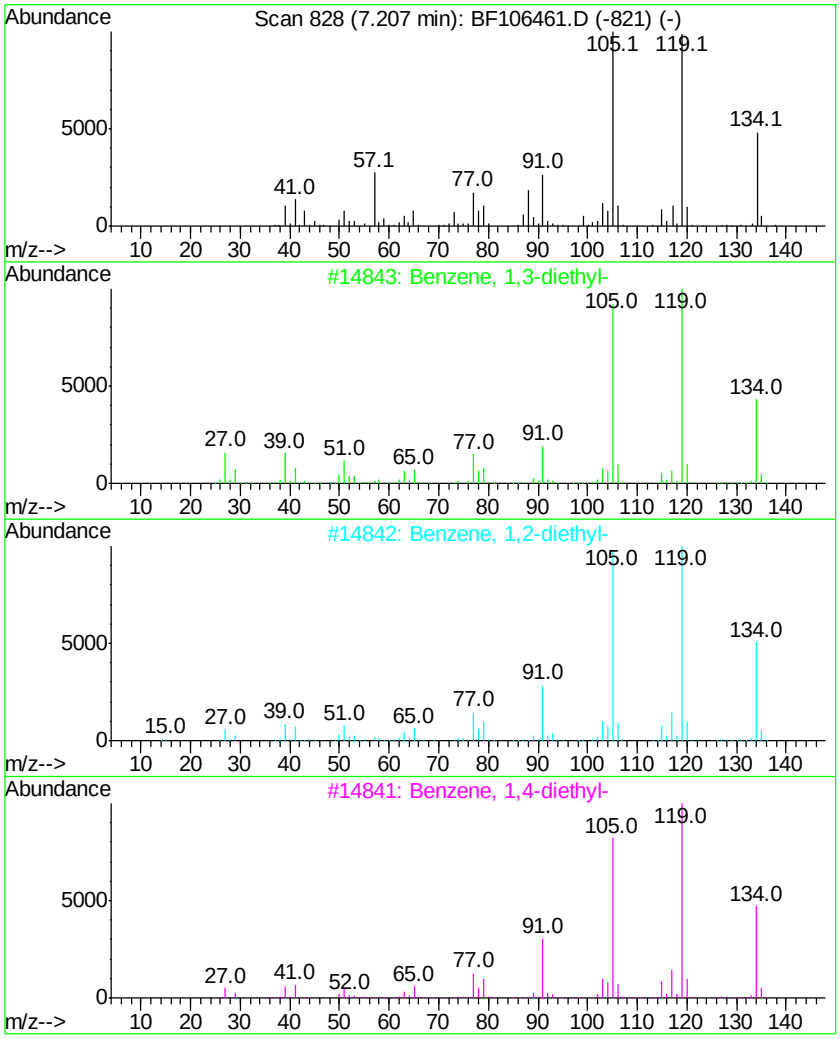
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

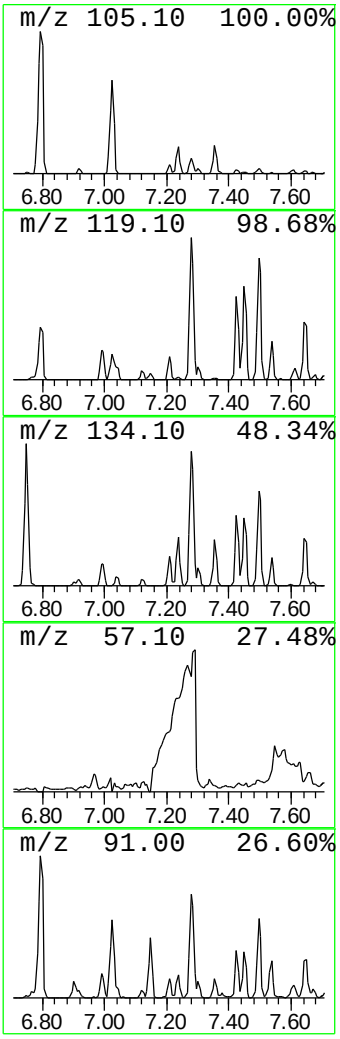
****

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	21.82 ng	886745	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





Library Search Compound Report

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Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

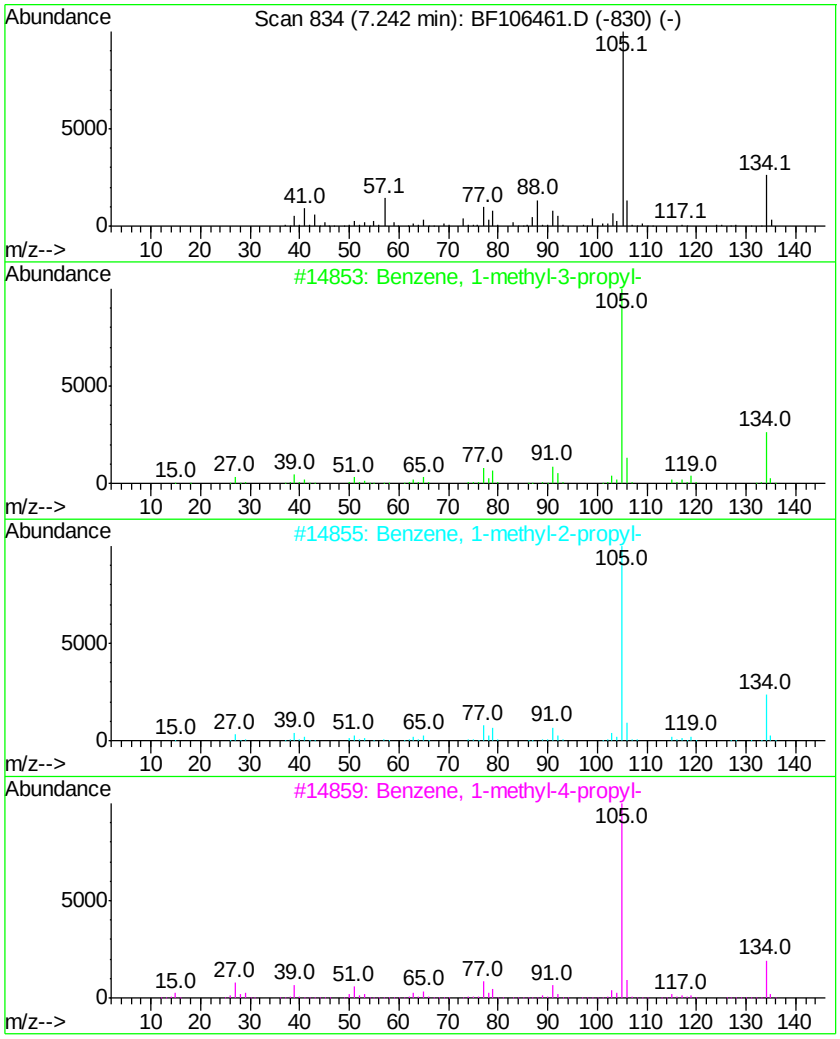
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

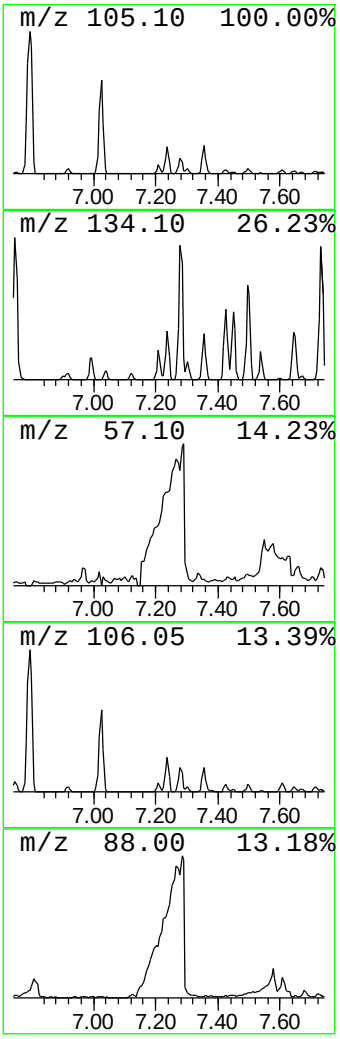
****

Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	27.27 ng	1108290	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	2-Tolyloxirane	134	C9H10O	002783-26-8	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80





Library Search Compound Report

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Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

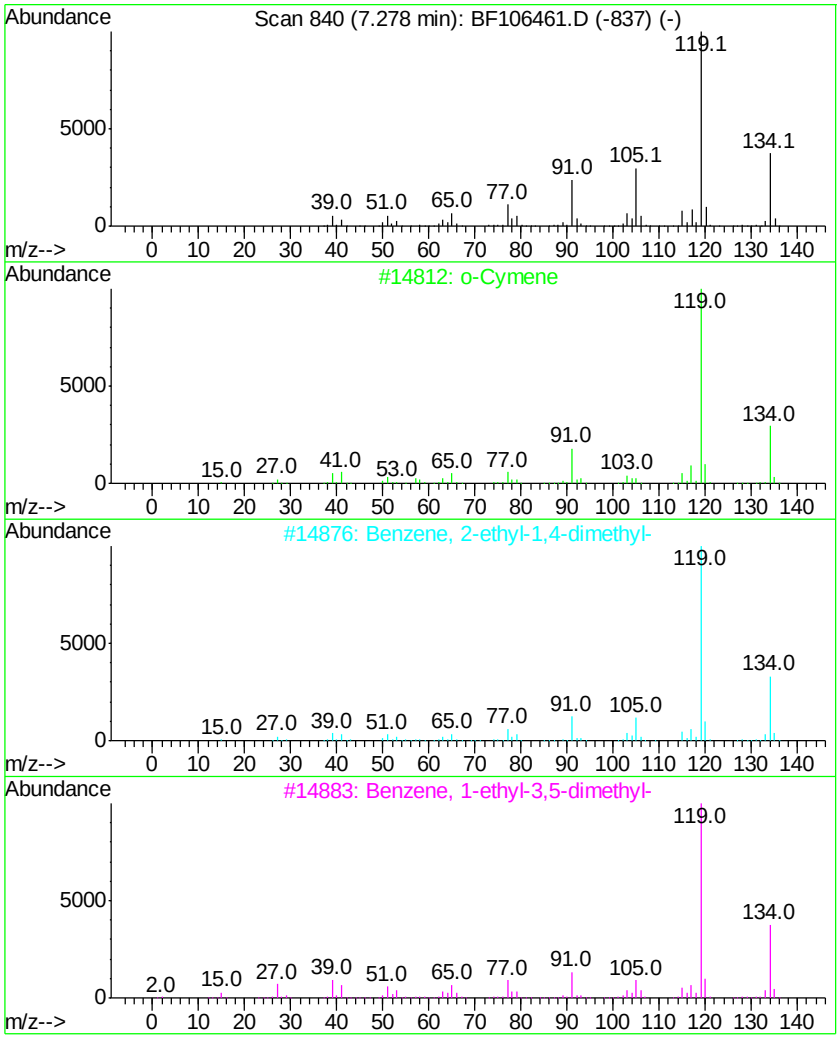
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

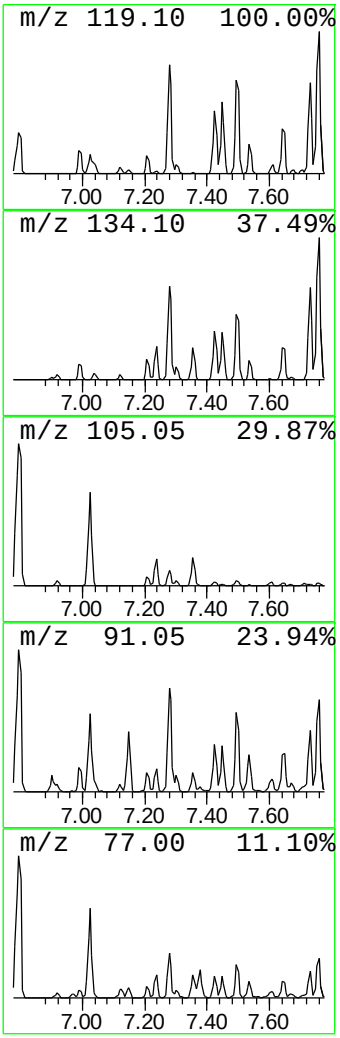
****

Peak Number 10 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	57.28 ng	2328190	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





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Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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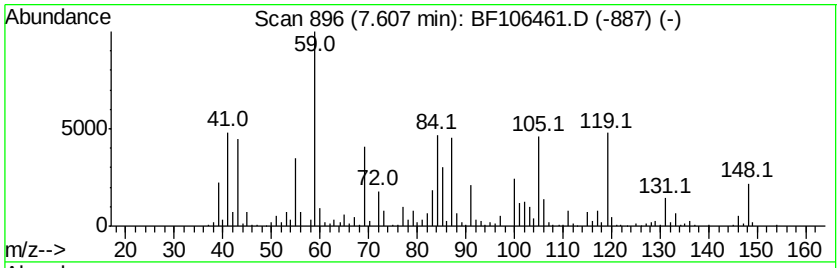
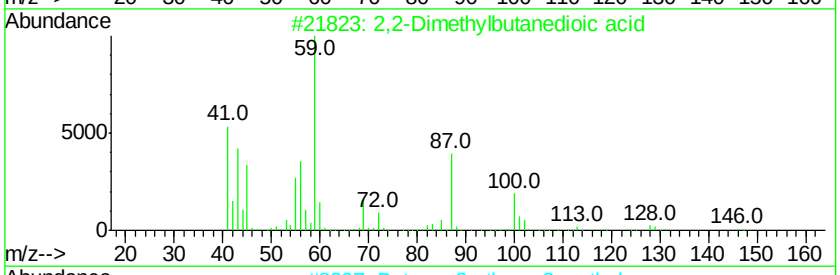
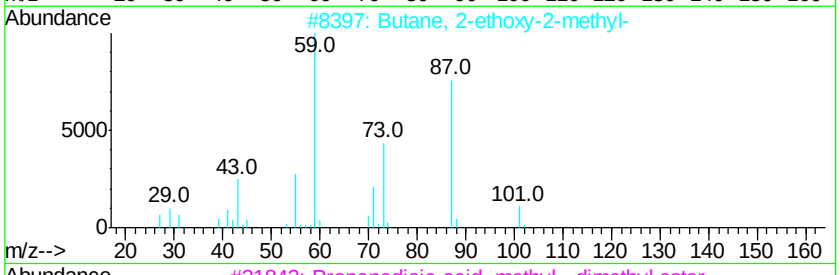
Peak Number 11 unknown7.61 Concentration Rank 5

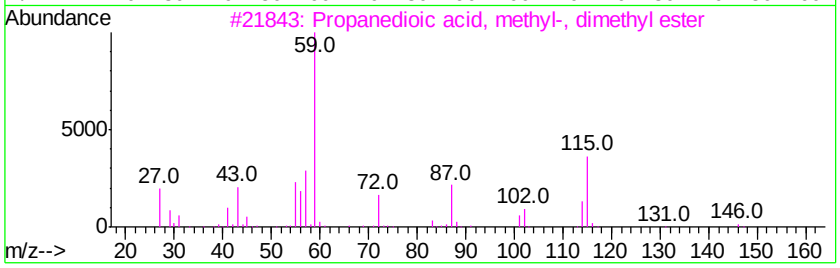
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	55.54 ng	2882670	Naphthalene-d8	8.25

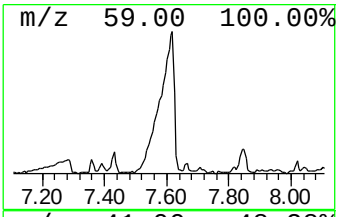
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	47
2	Butane, 2-ethoxy-2-methyl-	116	C7H16O	000919-94-8	35
3	Propanedioic acid, methyl-, dime...	146	C6H10O4	000609-02-9	35
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	27
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	18

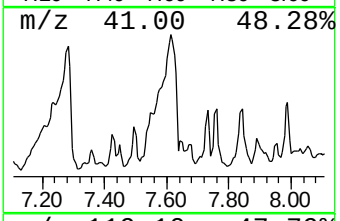


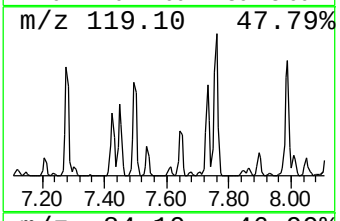


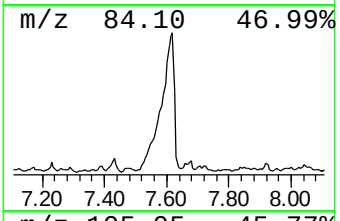


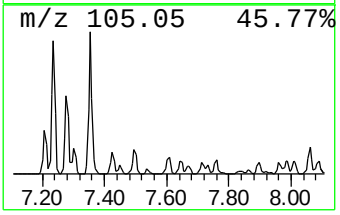












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

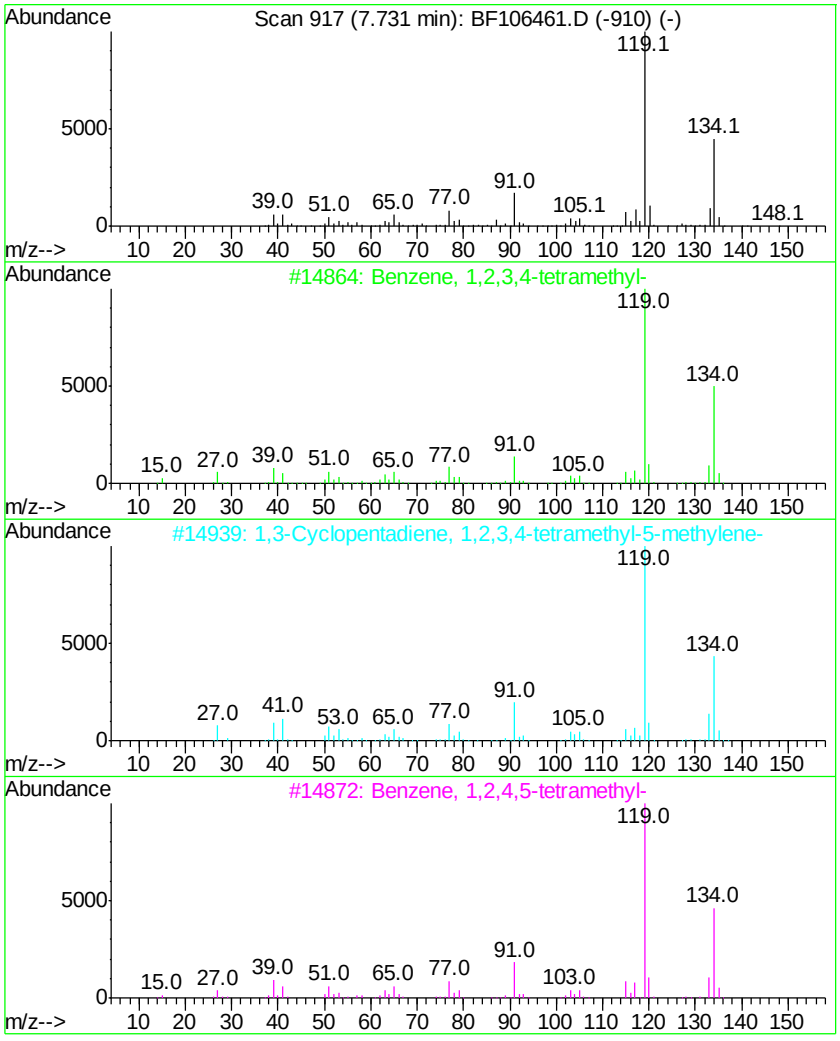
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

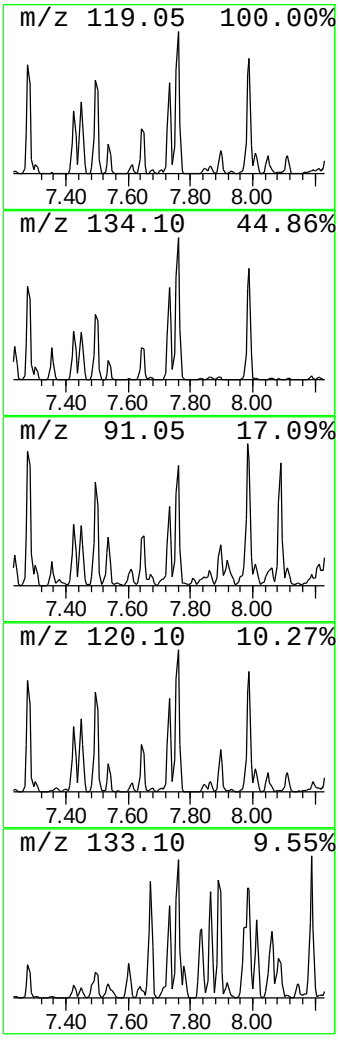
****

Peak Number 12 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	24.00 ng	1245860	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	o-Cymene	134	C10H14	000527-84-4	93





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Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

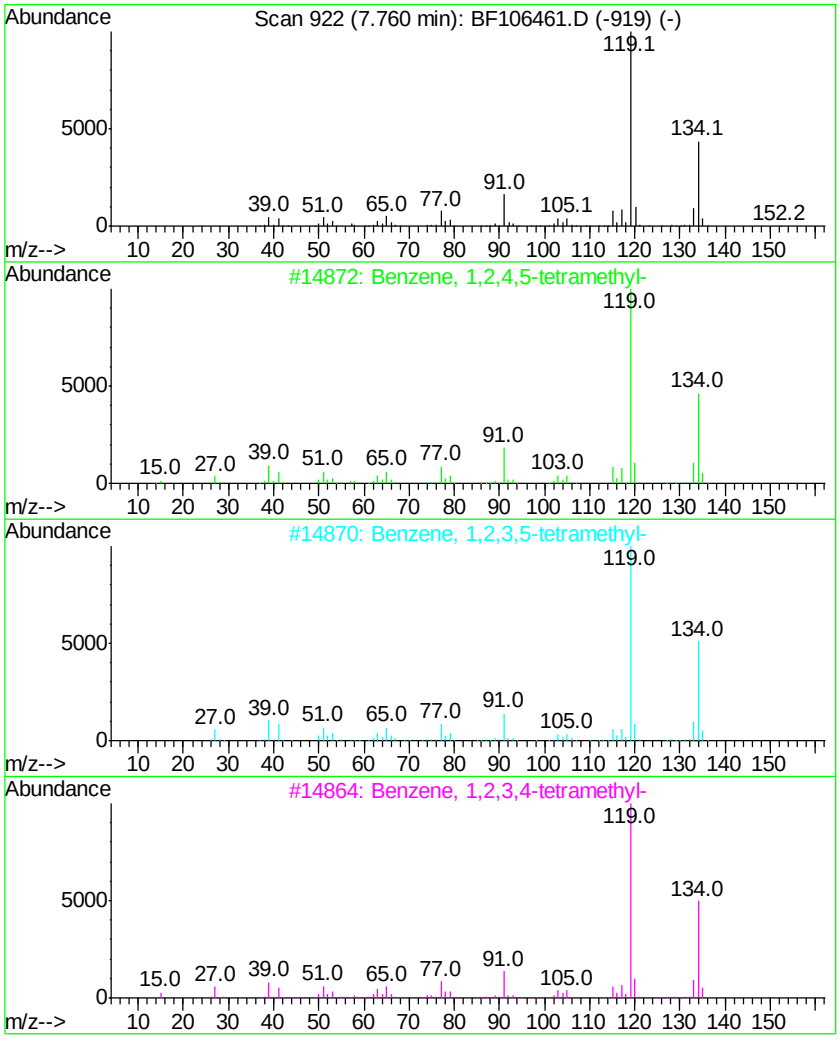
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

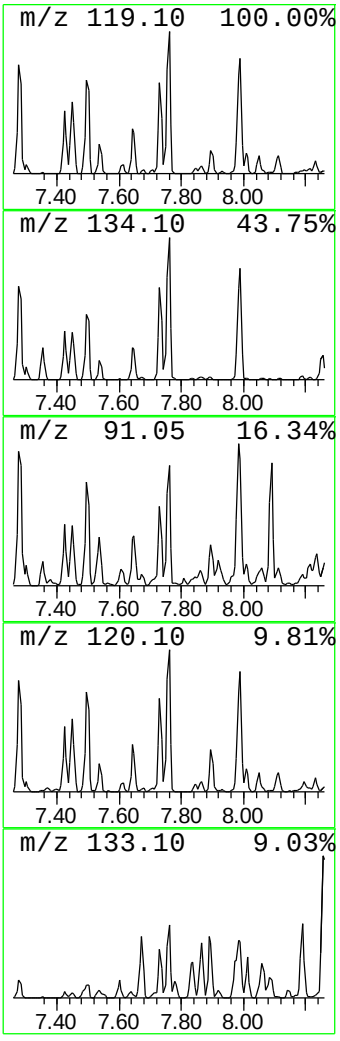
****

Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	29.36 ng	1524080	Naphthalene-d8	8.25

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





Library Search Compound Report

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Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

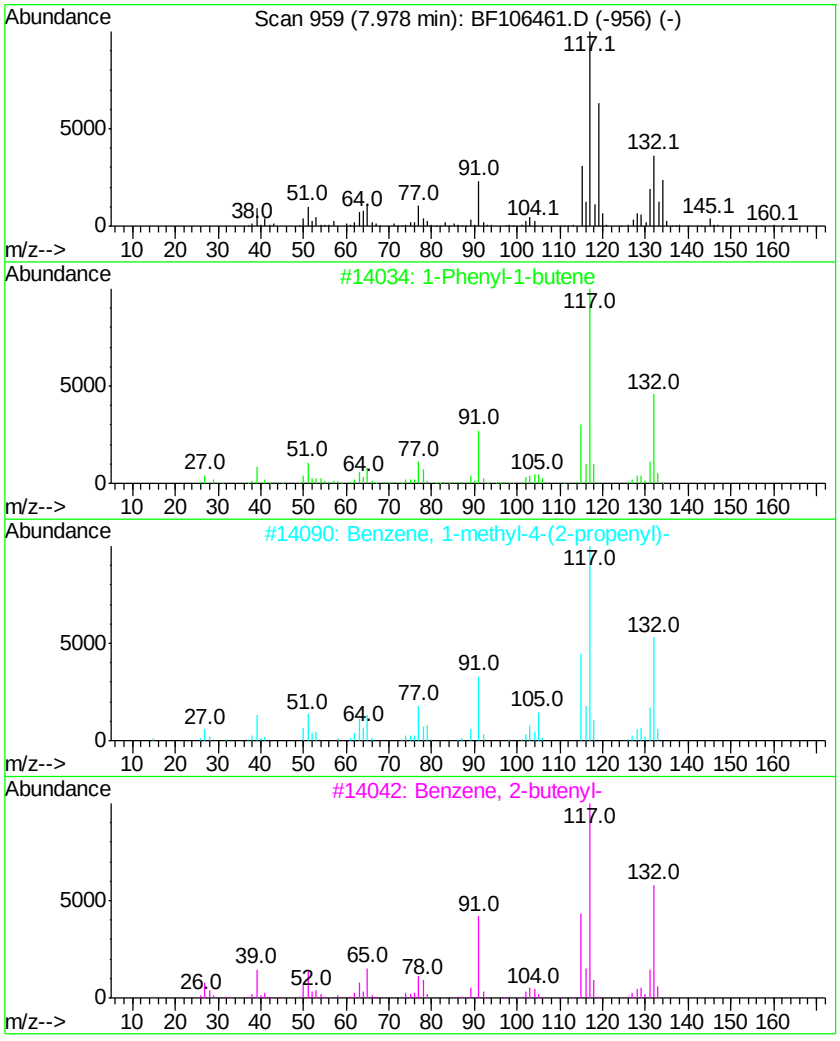
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

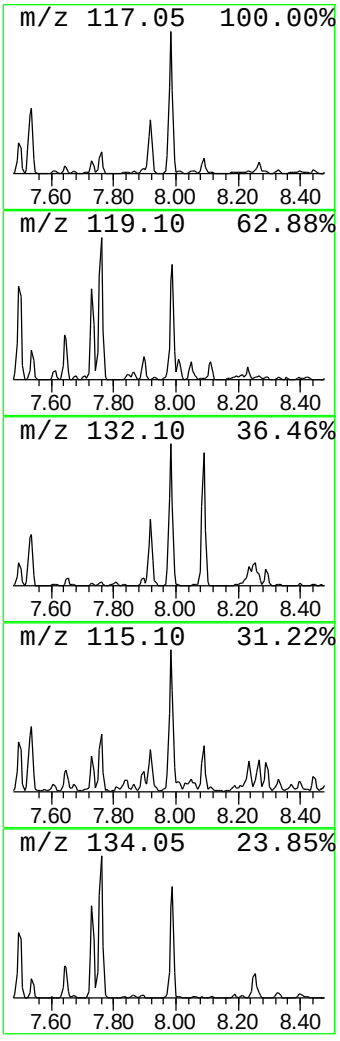
****

Peak Number 14 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	45.88 ng	2381090	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50





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Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

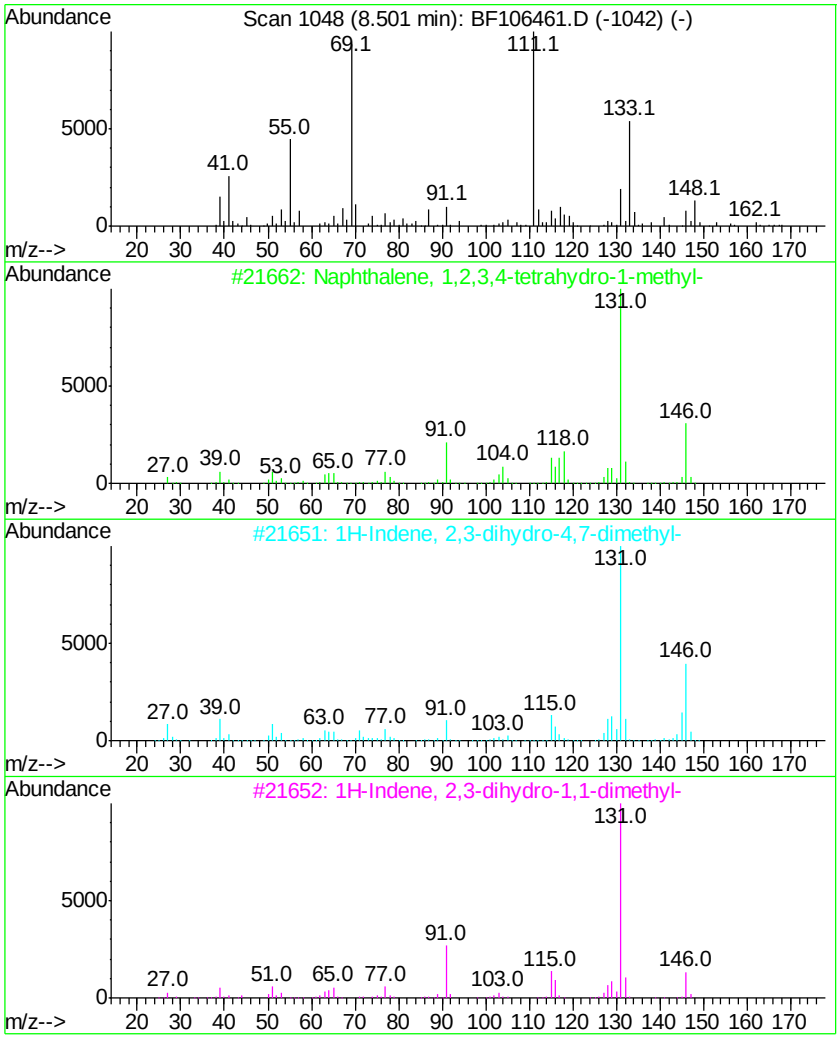
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

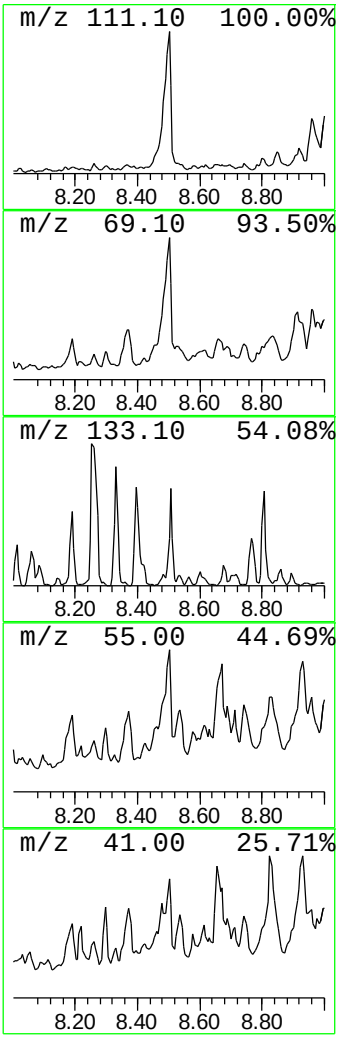
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	19.77 ng	1025930	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	92
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	50
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	50





Library Search Compound Report

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Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

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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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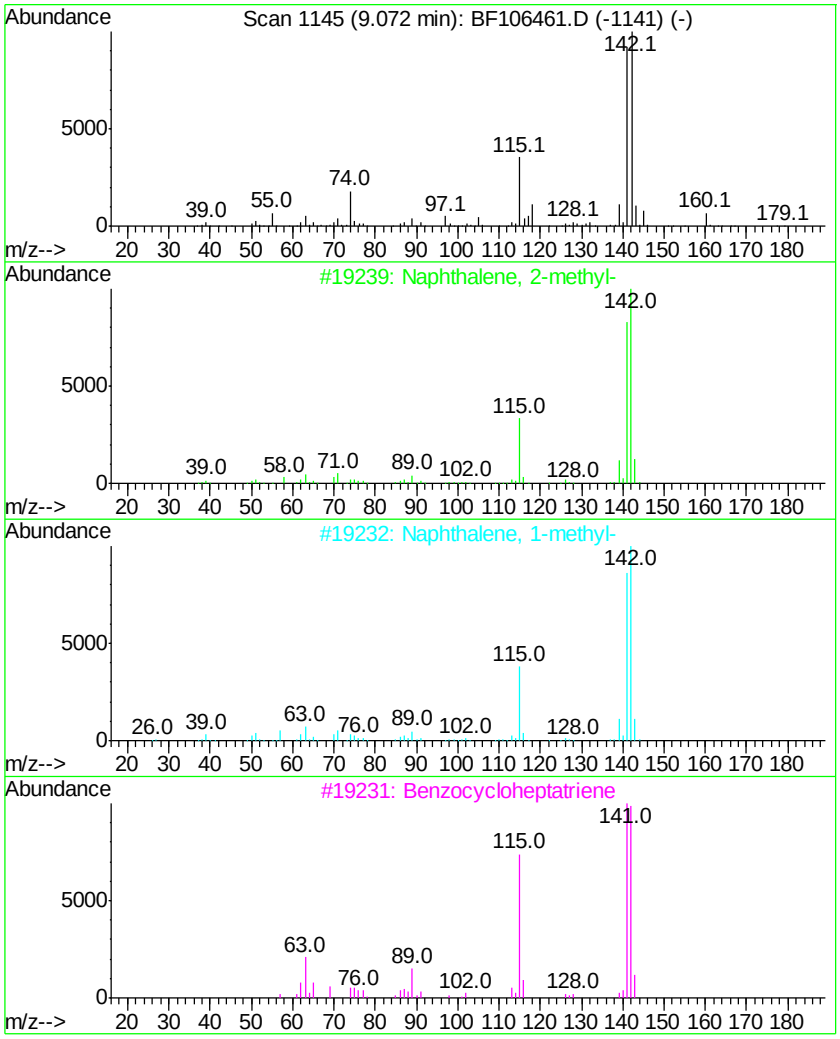
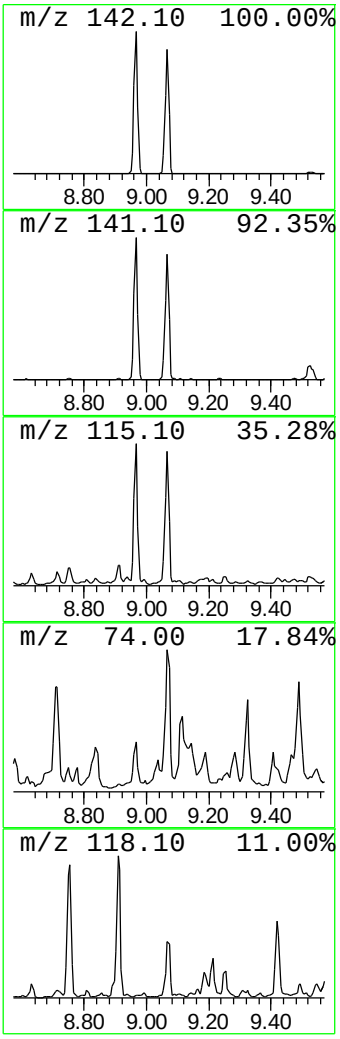
Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	33.53 ng	1740320	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	93
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	90





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

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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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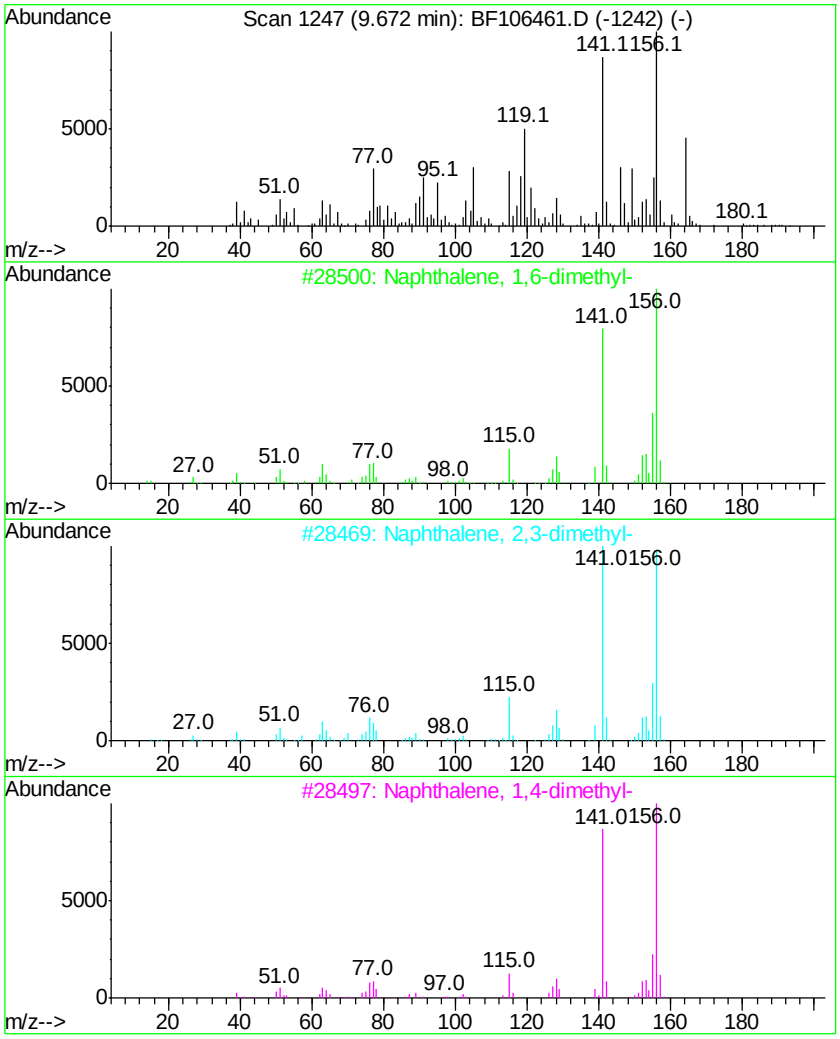
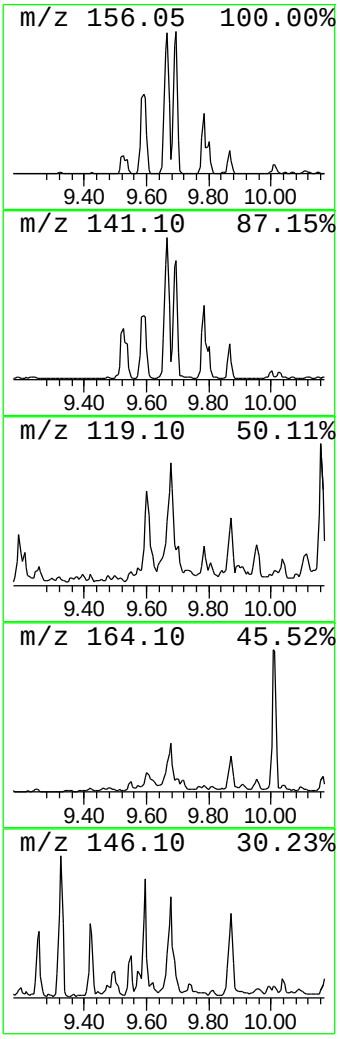
Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	37.41 ng	1626990	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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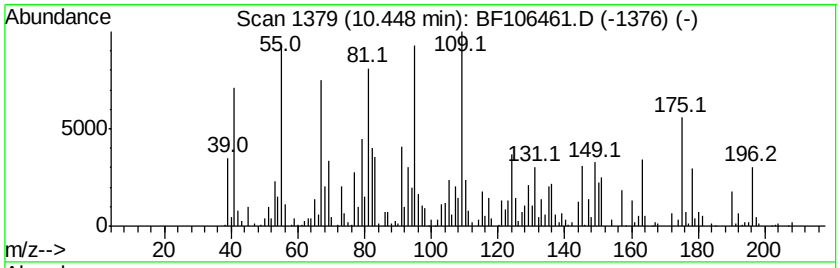
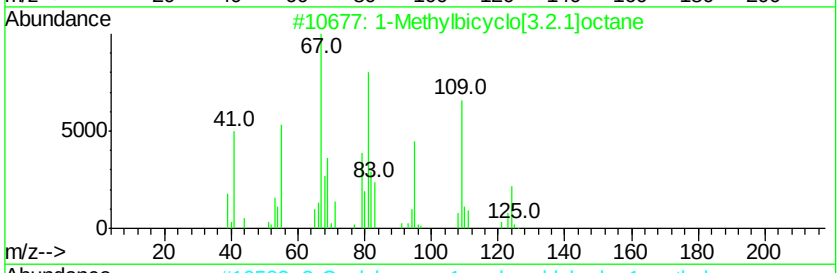
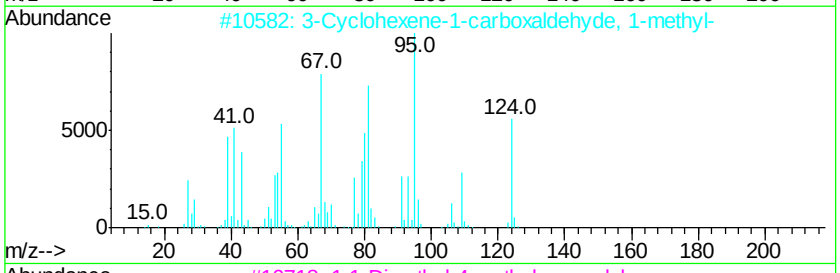
Peak Number 19 1-Methylbicyclo[3.2.1]octane Concentration Rank 15

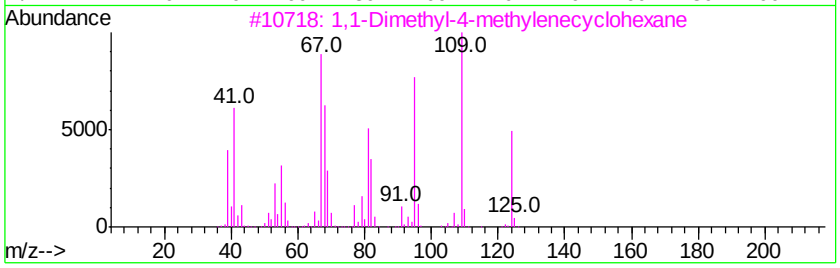
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	26.51 ng	1152620	Acenaphthene-d10	10.01

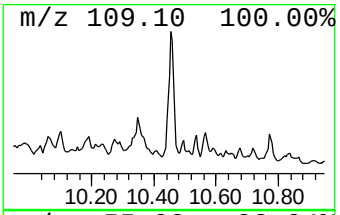
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	53
2	3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	000931-96-4	49
3	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	43
4	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	43
5	(7E,9E)-Dodecadienal	180	C12H20O	097475-10-0	25

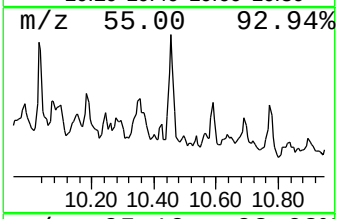


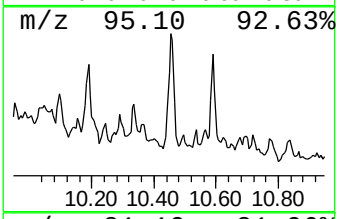


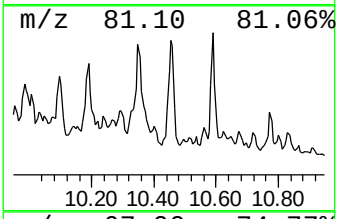


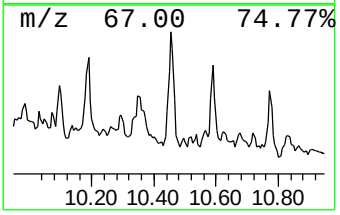












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Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

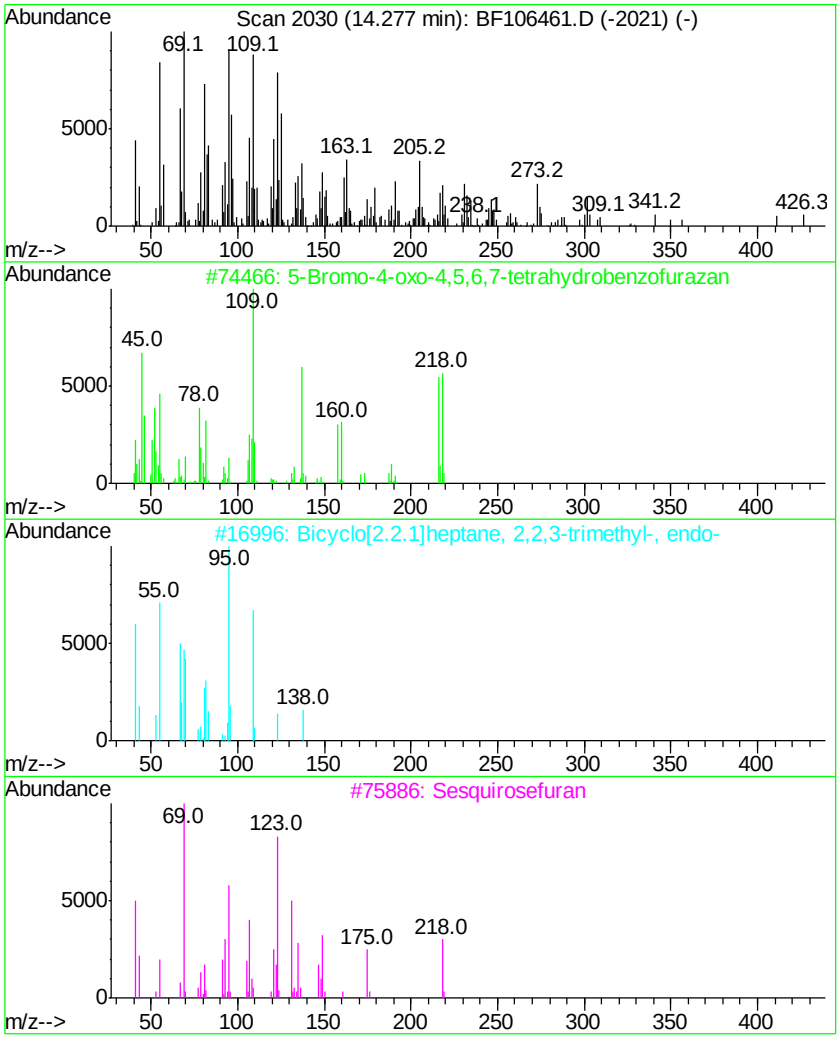
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

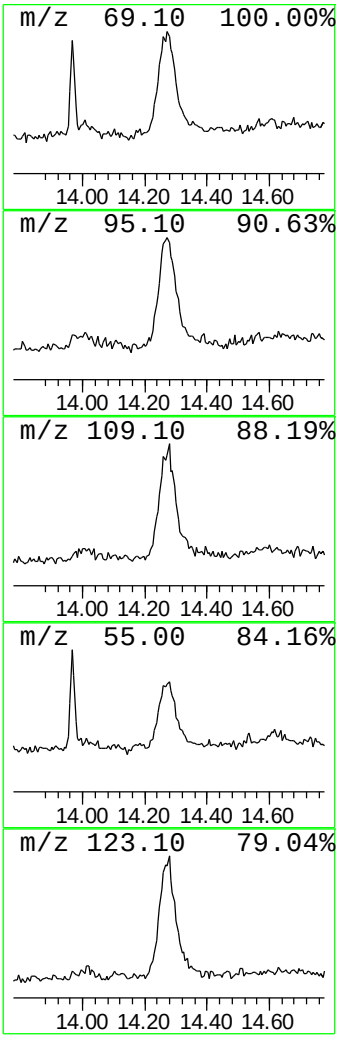
****

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	23.20 ng	848479	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	42
3	Sesquirosefuran	218	C15H22O	039007-93-7	42
4	3(4H)-Phenanthrenone, 4a,4b,5,6,...	246	C17H26O	057684-12-5	41
5	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
Data File : BF106461.D
Acq On : 14 Jun 2018 23:45
Operator : JU/SJ
Sample : J3467-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-01-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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
Benzene, 1-ethyl-...	6.49	31.1	ng	1266170	1	6.97	812959	20.0
Benzene, 1-ethyl-...	6.52	37.0	ng	1505440	1	6.97	812959	20.0
Benzene, 1,2,3-tr...	7.02	57.0	ng	2318430	1	6.97	812959	20.0
Indane	7.15	26.8	ng	1089380	1	6.97	812959	20.0
Benzene, 1,3-diet...	7.21	21.8	ng	886745	1	6.97	812959	20.0
Benzene, 1-methyl...	7.24	27.3	ng	1108290	1	6.97	812959	20.0
o-Cymene	7.28	57.3	ng	2328190	1	6.97	812959	20.0
unknown7.61	7.61	55.5	ng	2882670	2	8.25	1038060	20.0
Benzene, 1,2,3,4-...	7.73	24.0	ng	1245860	2	8.25	1038060	20.0
Benzene, 1,2,4,5-...	7.76	29.4	ng	1524080	2	8.25	1038060	20.0
1-Phenyl-1-butene	7.98	45.9	ng	2381090	2	8.25	1038060	20.0
Naphthalene, 1,2,...	8.50	19.8	ng	1025930	2	8.25	1038060	20.0
Naphthalene, 1-me...	9.07	33.5	ng	1740320	2	8.25	1038060	20.0
Naphthalene, 1,6-...	9.67	37.4	ng	1626990	3	10.01	869698	20.0
1-Methylbicyclo[3...	10.45	26.5	ng	1152620	3	10.01	869698	20.0
5-Bromo-4-oxo-4,5...	14.28	23.2	ng	848479	5	14.15	731594	20.0