LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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	3.710	259	276	279	rBV	6263432	18369340	100.00%	20.833%
2	3.757	281	284	306	rVV	258897	481587	2.62%	0.546%
3	3.910	306	310	326	rVB	164684	291057	1.58%	0.330%
4	5.169	519	524	530	rBV	1965409	2211436	12.04%	2.508%
5	5.287	538	544	555	rVV	3517548	6036192	32.86%	6.846%
6	5.546	582	588	604	rBV	2511762	2644668	14.40%	2.999%
7	6.234	701	705	708	rBV	584464	553961	3.02%	0.628%
8	6.263	708	710	714	rVV	281689	246210	1.34%	0.279%
9	6.310	714	718	724	rVB	472452	420893	2.29%	0.477%
10	6.481	743	747	753	rBV2	388586	439640	2.39%	0.499%
11	6.575	753	763	766	rBV2	5225963	7694954	41.89%	8.727%
12	6.704	782	785	790	rBV	598349	573122	3.12%	0.650%
13	6.769	793	796	797	rBV	356737	318076	1.73%	0.361%
14	6.787	797	799	804	rVV	389254	364363	1.98%	0.413%
15	6.828	804	806	809	rVB	353976	319840	1.74%	0.363%
16	6.893	813	817	820	rVB	3247395	2822377	15.36%	3.201%
17	6.969	826	830	837	rBV	3252962	3342170	18.19%	3.790%
18	7.128	851	857	866	rBV	1241605	1428188	7.77%	1.620%
19	7.275	878	882	885	rVB2	166129	207376	1.13%	0.235%
20	7.357	892	896	899	rBV	687091	576409	3.14%	0.654%
21	7.416	899	906	908	rVV	1615178	1970646	10.73%	2.235%
22	7.440	908	910	914	rVB	542981	432905	2.36%	0.491%
23	7.663	944	948	954	rVV2	398943	493210	2.68%	0.559%
24	7.734	954	960	964	rBV3	360224	502416	2.74%	0.570%
25	7.792	964	970	975	rBV2	369594	597665	3.25%	0.678%
26	8.040	1000	1012	1014	rBV	7237636	16304657	88.76%	18.491%
27	8.075	1014	1018	1023	rVB	3117720	2938320	16.00%	3.332%
28	8.498	1087	1090	1096	rVB2	285161	268019	1.46%	0.304%
29	8.587	1096	1105	1108	rBV2	307900	547342	2.98%	0.621%
30	8.704	1121	1125	1127	rVV	1875859	1714994	9.34%	1.945%
31	8.757	1131	1134	1137	rVV2	1323732	1218107	6.63%	1.381%
32	8.798	1137	1141	1145	rVB	1423988	1203375	6.55%	1.365%
33	9.057	1181	1185	1189	rVB	232822	225159	1.23%	0.255%
34	9.163	1199	1203	1208	rVB2	329826	430619	2.34%	0.488%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.328	1225	1231	1235	rBV5	195355	326875	1.78%	0.371%
36	9.592	1273	1276	1279	rVB2	278776	290775	1.58%	0.330%
37	9.734	1297	1300	1303	rVV	817990	839984	4.57%	0.953%
38	9.769	1303	1306	1309	rVV	484517	411084	2.24%	0.466%
39	9.804	1309	1312	1314	rVV	245103	232080	1.26%	0.263%
40	9.834	1314	1317	1321	rVB	378339	325141	1.77%	0.369%
41	9.875	1321	1324	1329	rBV2	377750	570442	3.11%	0.647%
42	9.939	1332	1335	1340	rVV2	349526	458670	2.50%	0.520%
43	10.281	1390	1393	1397	rVB	254434	225736	1.23%	0.256%
44	10.357	1402	1406	1410	rVV	629854	811766	4.42%	0.921%
45	10.410	1410	1415	1418	rVB2	349433	519759	2.83%	0.589%
46	10.492	1426	1429	1431	rBV	214357	236472	1.29%	0.268%
47	10.516	1431	1433	1438	rVB2	213164	242608	1.32%	0.275%
48	10.763	1471	1475	1478	rBV	261263	253825	1.38%	0.288%
49	10.804	1478	1482	1486	rVV3	422719	560869	3.05%	0.636%
50	11.216	1547	1552	1554	rBV	818934	749342	4.08%	0.850%
51	11.286	1561	1564	1567	rVV2	144148	223392	1.22%	0.253%
52	11.445	1584	1591	1595	rBV3	444651	561340	3.06%	0.637%
53	11.504	1595	1601	1604	rVV3	166570	287960	1.57%	0.327%
54	11.545	1604	1608	1613	rVB2	190982	230490	1.25%	0.261%
55	11.898	1660	1668	1673	rBV4	94430	222970	1.21%	0.253%
56	12.951	1844	1847	1855	rVB	197607	210573	1.15%	0.239%
57	13.839	1994	1998	2002	rBV	737431	684014	3.72%	0.776%
58	15.245	2232	2237	2241	rBV	445215	510184	2.78%	0.579%

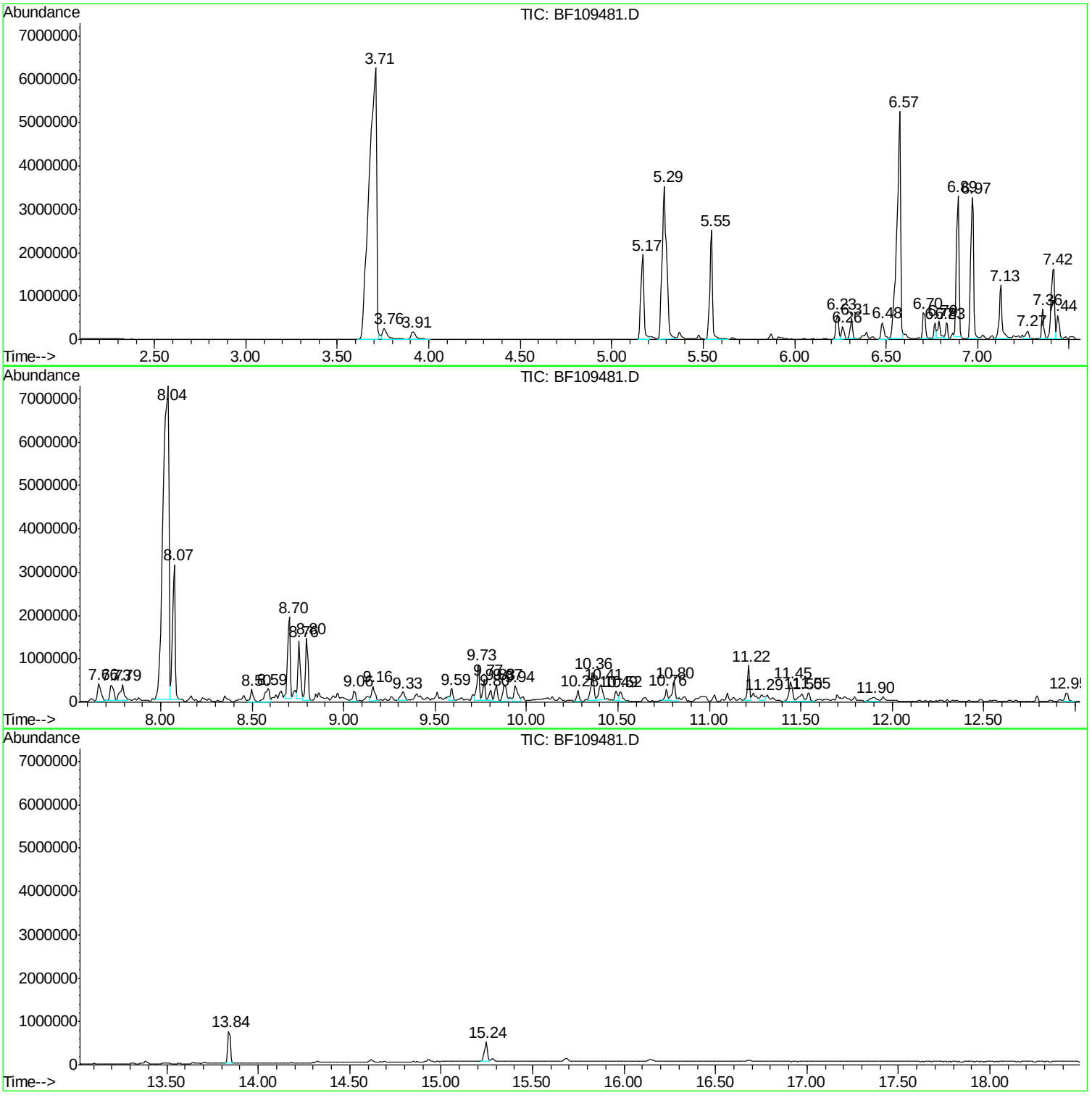
Sum of corrected areas: 88175644

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

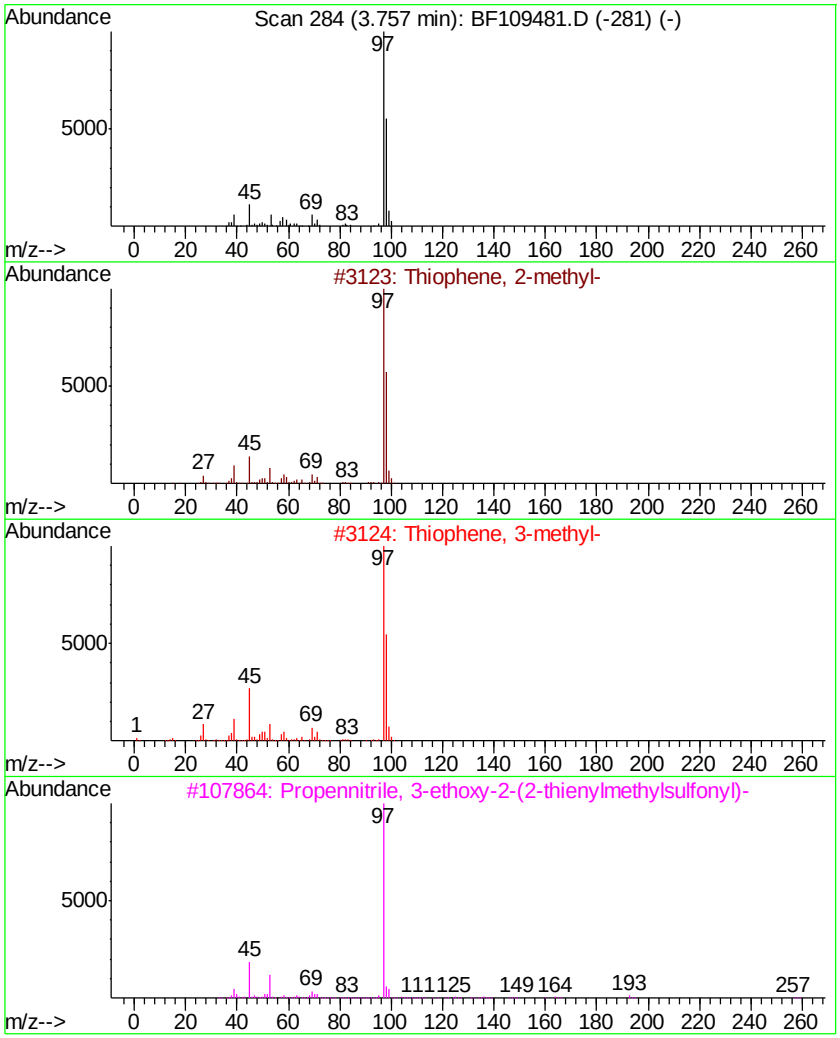
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

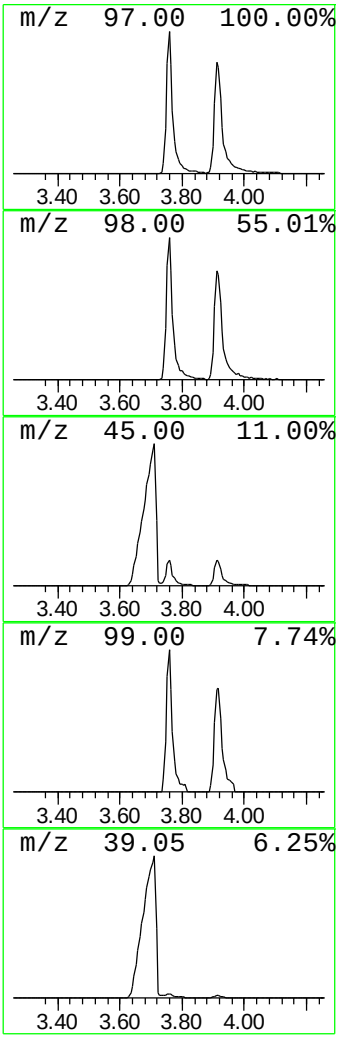
****

Peak Number 2 Thiophene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	16.81 ng	481587	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	95
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
3	Propennitrile, 3-ethoxy-2-(2-thi...	257	C10H11NO3S2	1000267-97-5	50
4	Piperidine, 4-methyl-	99	C6H13N	000626-58-4	10
5	1-n-Butoxy-2,2,3,3-tetramethylaz...	171	C10H21NO	040780-54-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

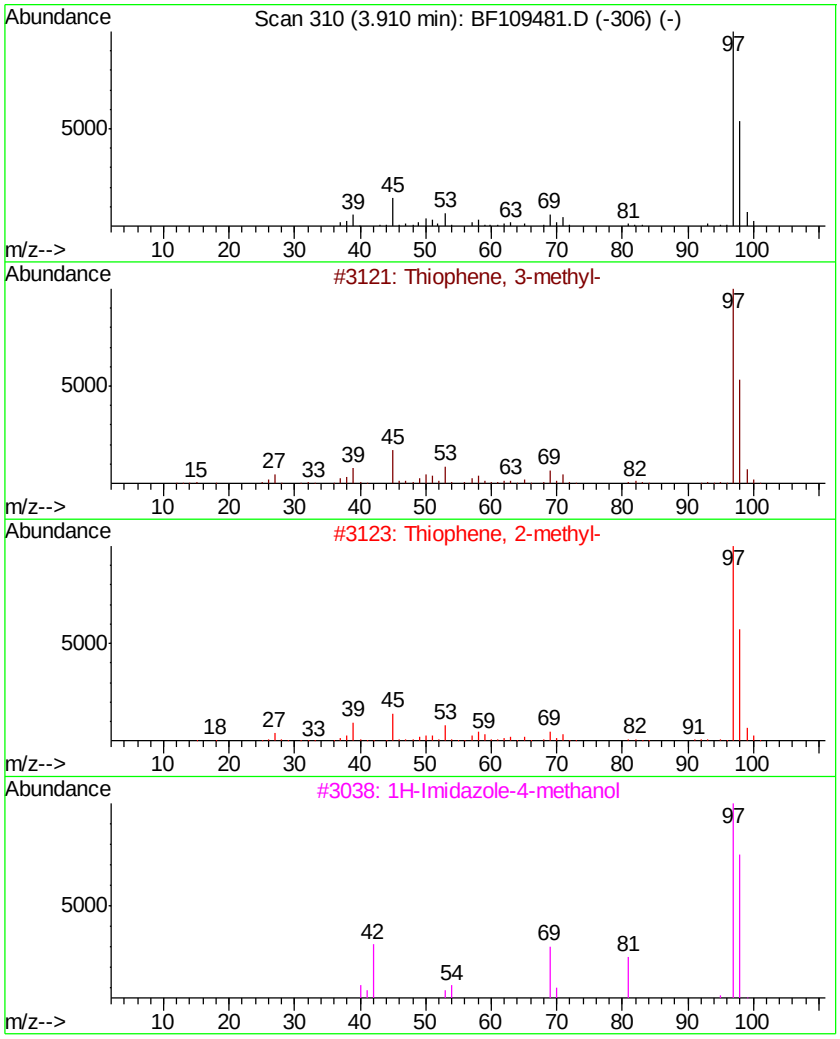
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

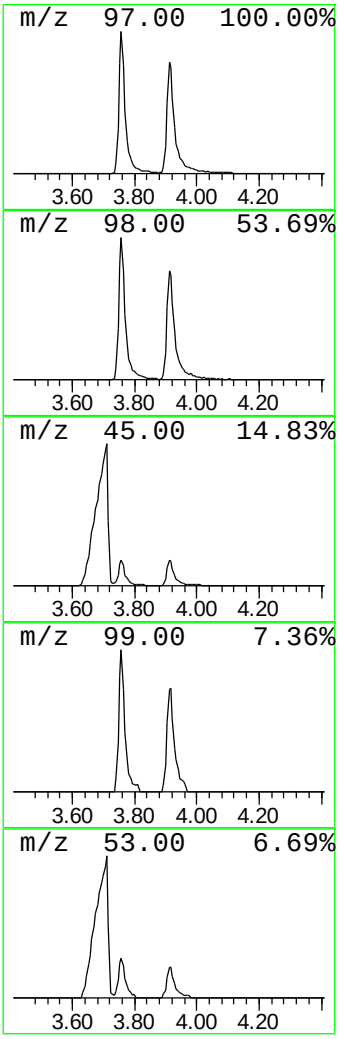
****

Peak Number 3 Thiophene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	10.16 ng	291057	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	95
2	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	94
3	1H-Imidazole-4-methanol	98	C4H6N2O	000822-55-9	50
4	Pyridine, 3-fluoro-	97	C5H4FN	000372-47-4	43
5	Propennitrile, 3-ethoxy-2-(2-thi...	257	C10H11NO3S2	1000267-97-5	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

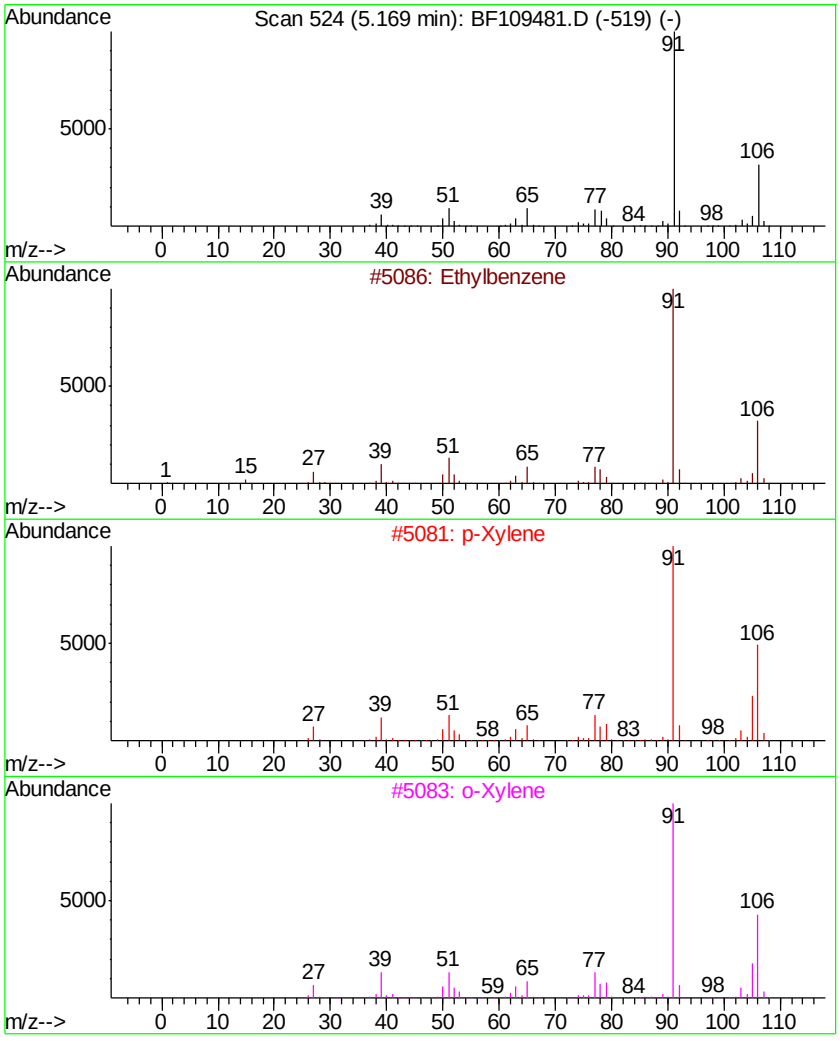
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

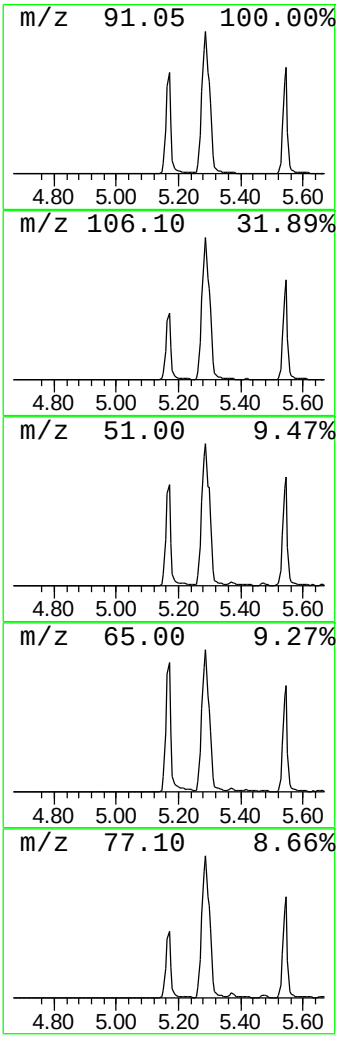
****

Peak Number 4 Ethylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	77.17 ng	2211440	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	p-Xylene	106	C8H10	000106-42-3	72
3	o-Xylene	106	C8H10	000095-47-6	68
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	59
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

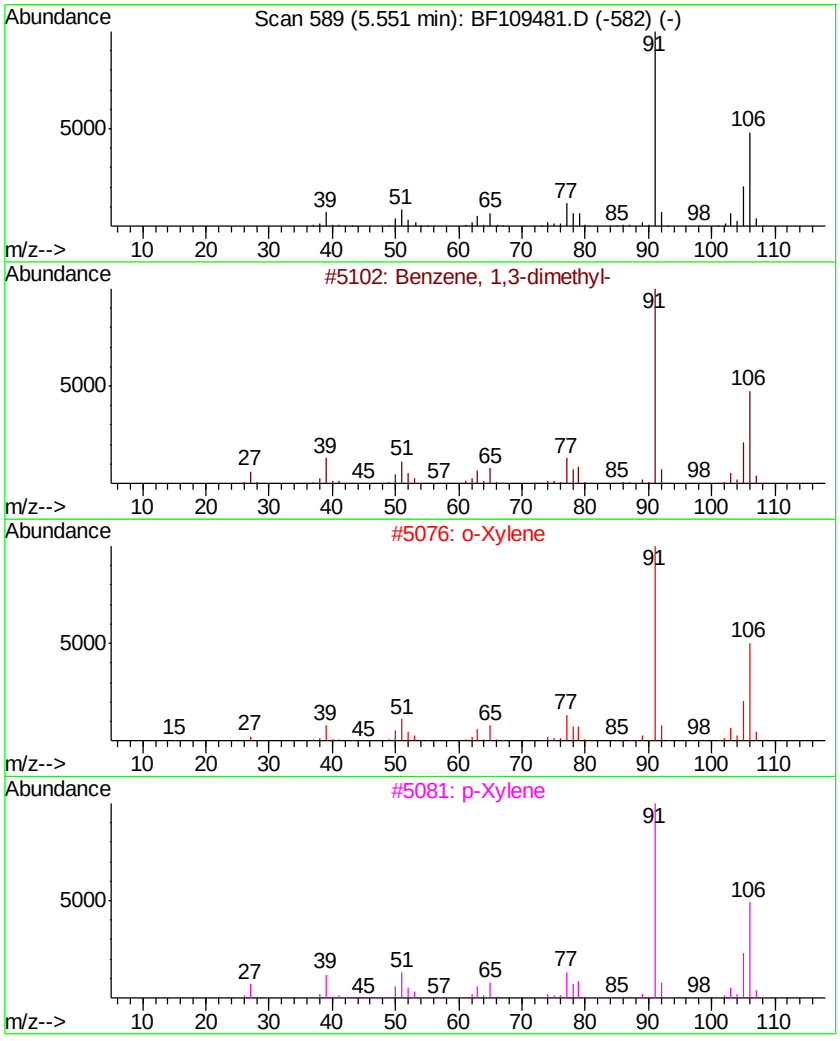
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

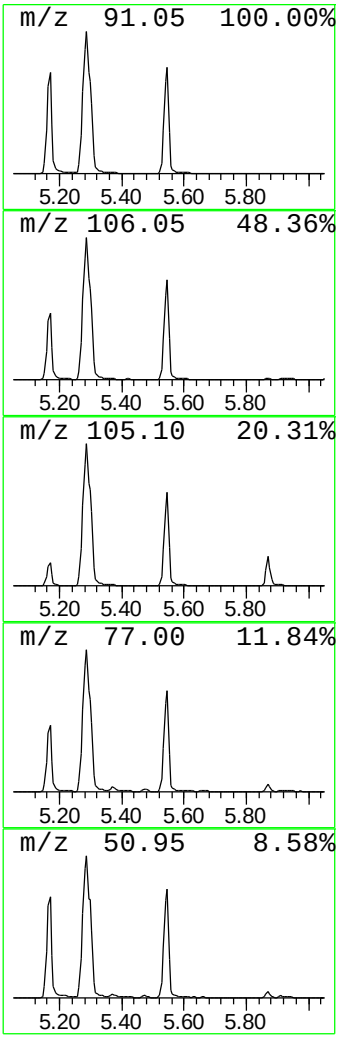
****

Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	92.29 ng	2644670	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

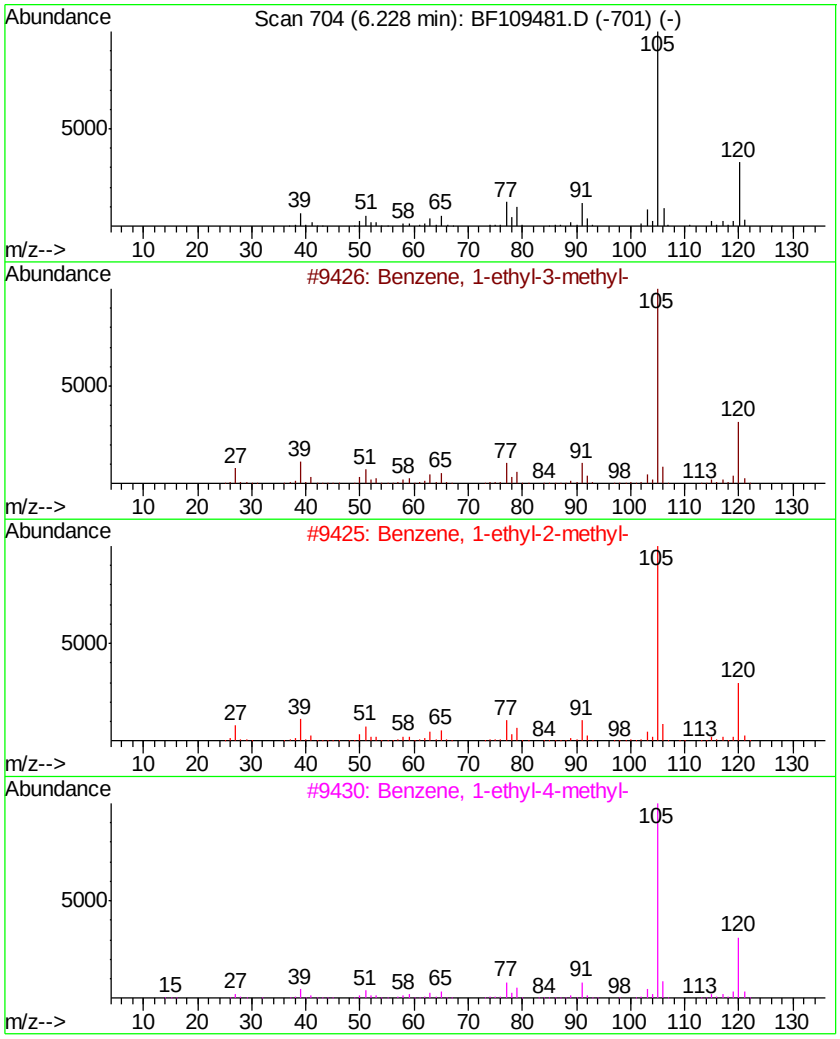
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

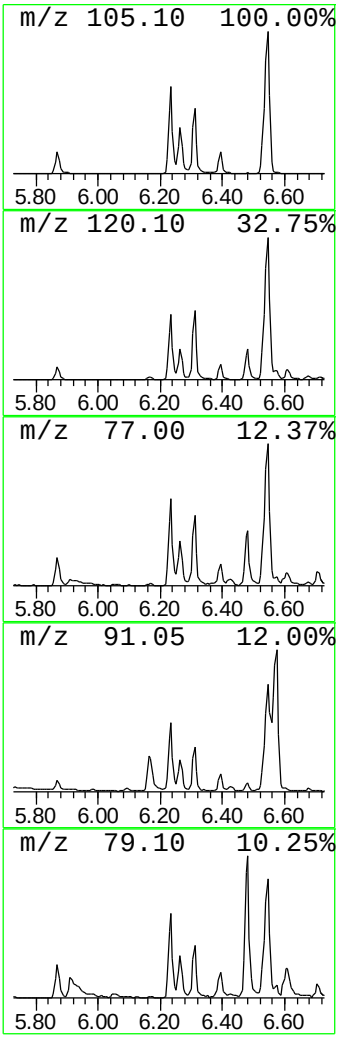
****

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	19.33 ng	553961	1,4-Dichlorobenzene-d4	6.70

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-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

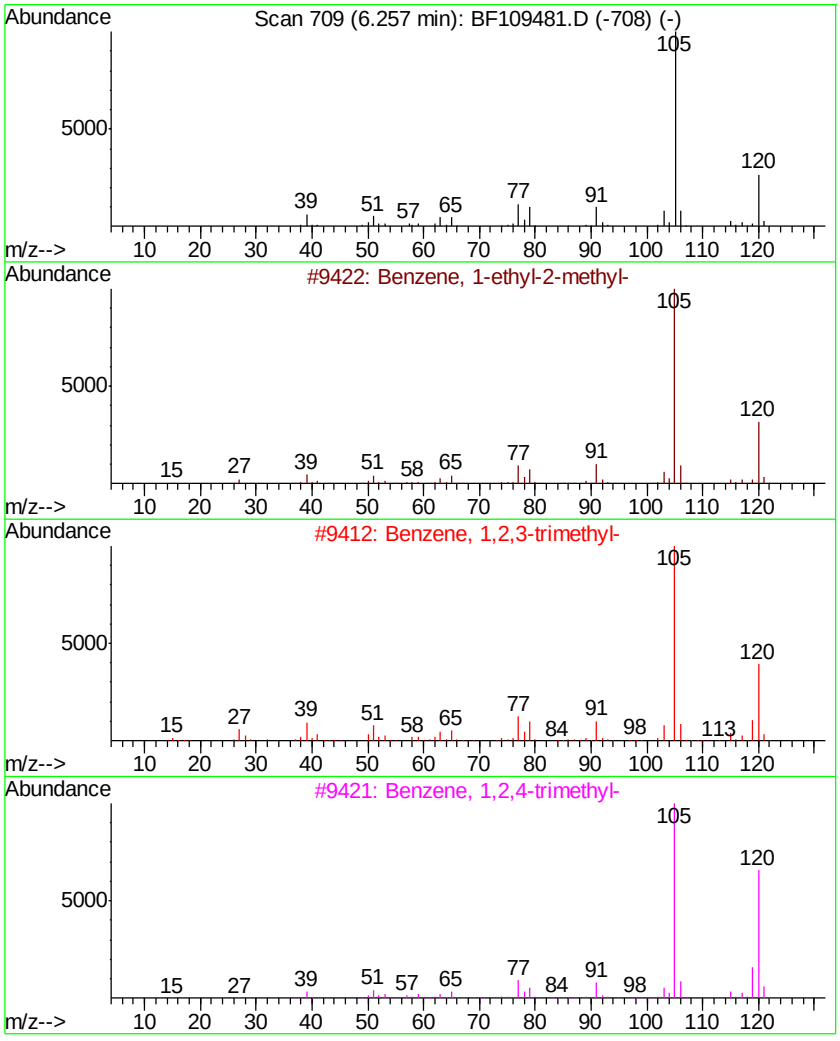
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

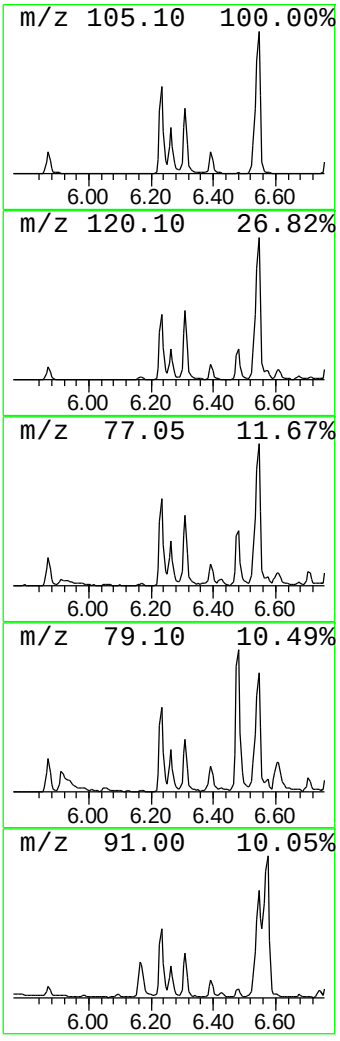
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	8.59 ng	246210	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
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\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

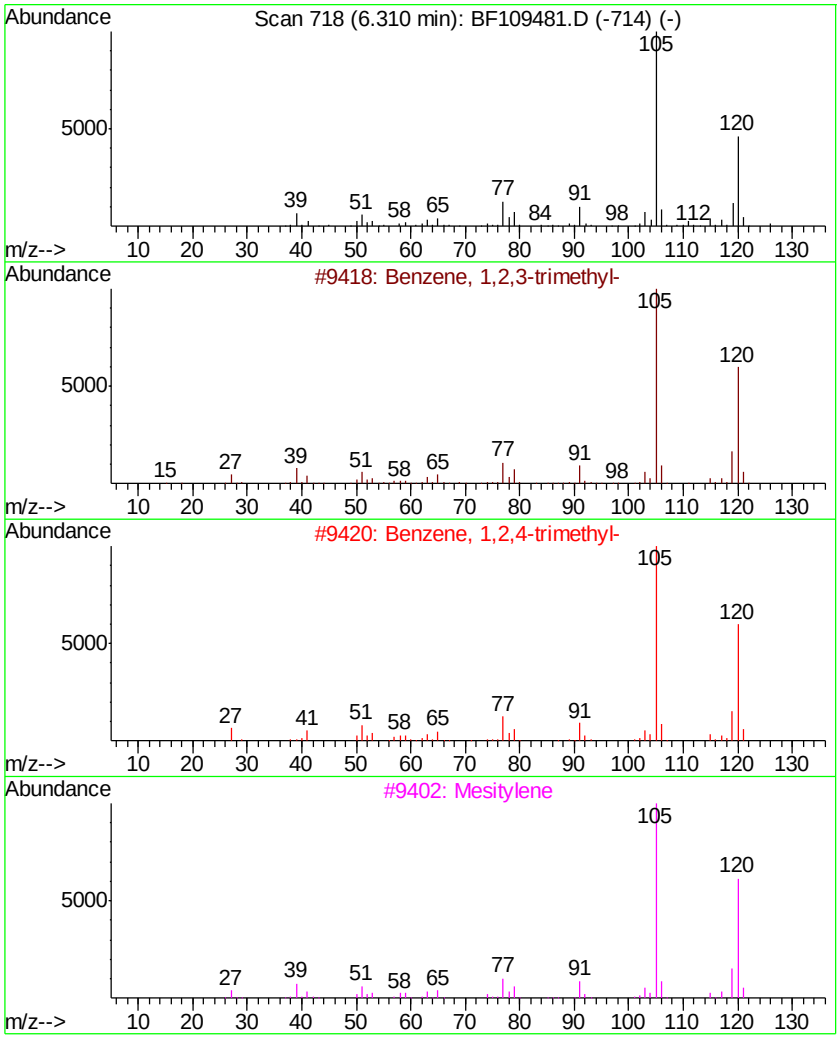
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

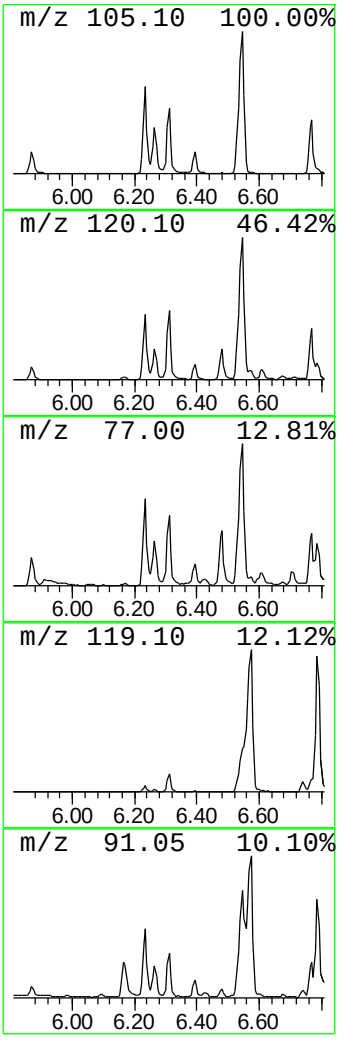
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	14.69 ng	420893	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
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	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

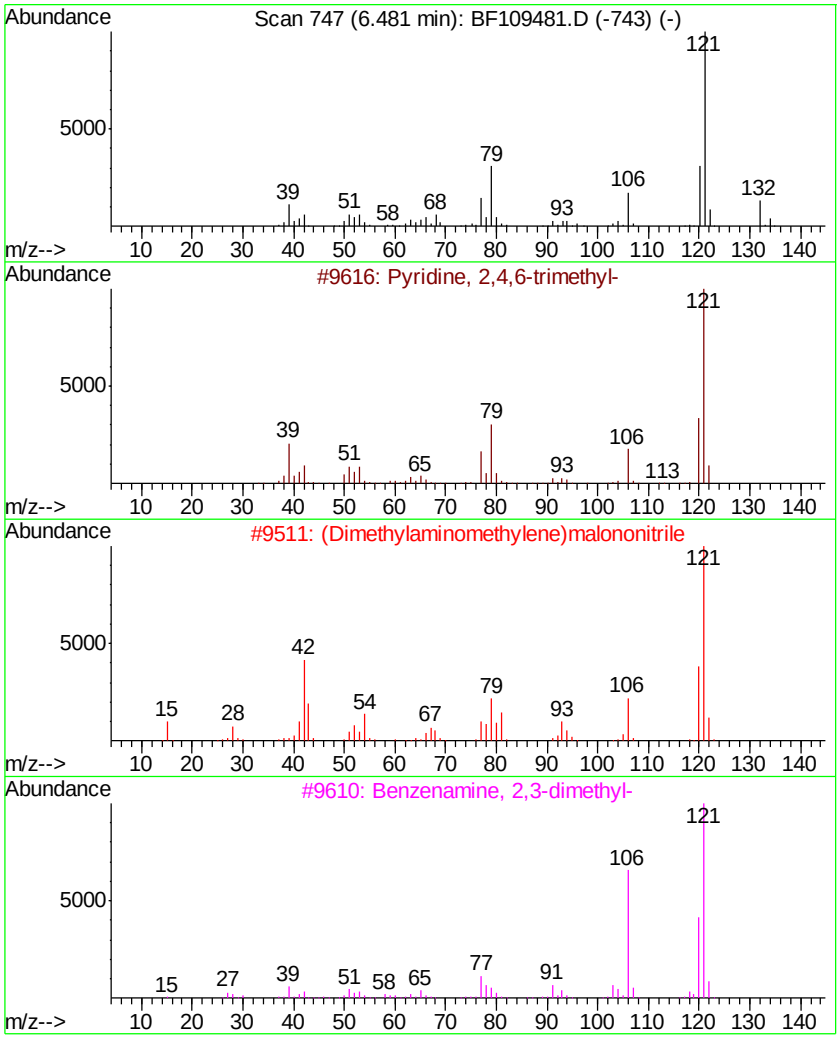
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

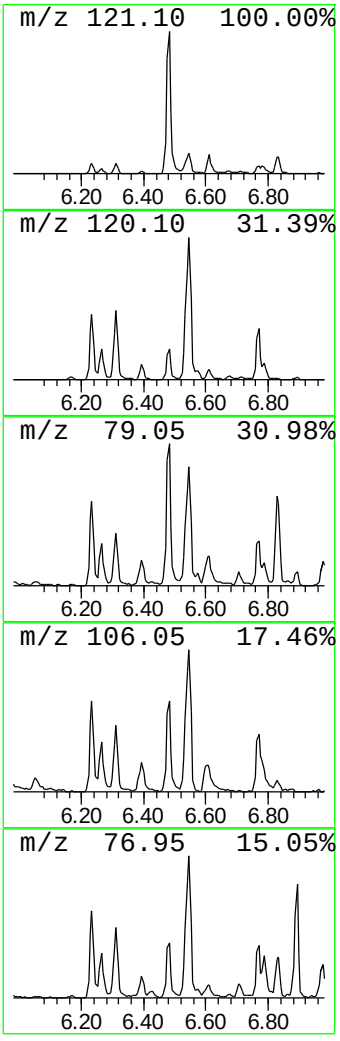
****

Peak Number 10 Pyridine, 2,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	15.34 ng	439640	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,4,6-trimethyl-	121	C8H11N	000108-75-8	93
2	(Dimethylaminomethylene)malononi...	121	C6H7N3	016849-88-0	72
3	Benzenamine, 2,3-dimethyl-	121	C8H11N	000087-59-2	68
4	Benzenamine, 3,5-dimethyl-	121	C8H11N	000108-69-0	68
5	Pyridine, 2,3,6-trimethyl-	121	C8H11N	001462-84-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

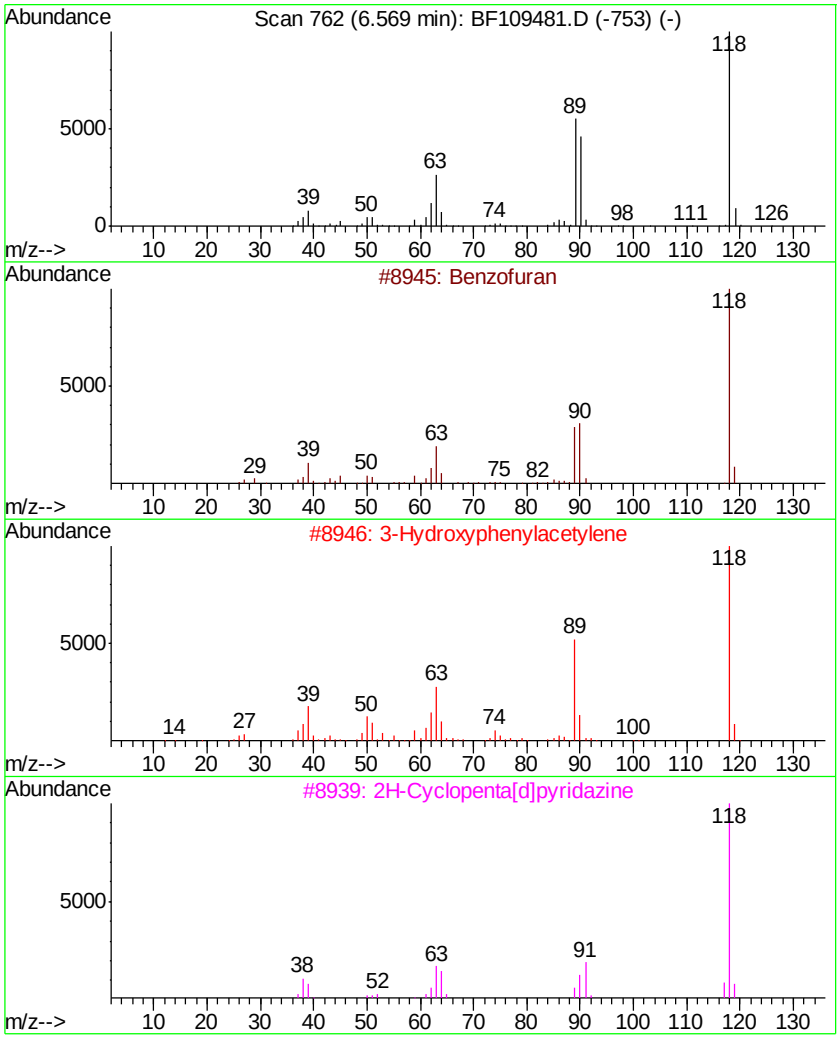
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

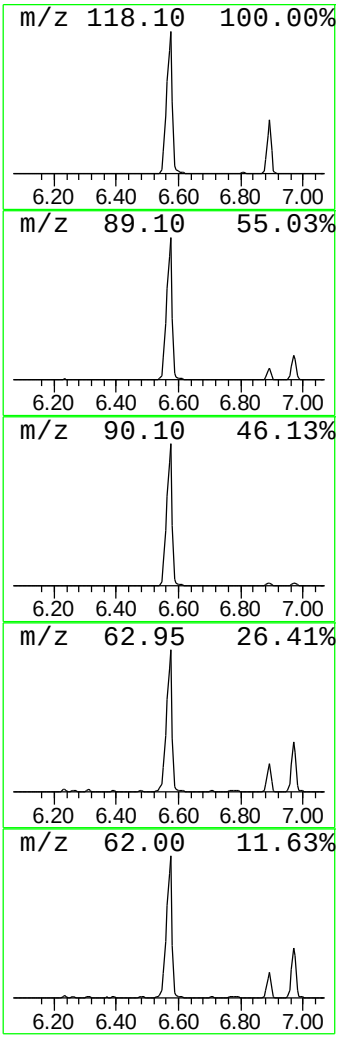
****

Peak Number 11 Benzofuran Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	268.53 ng	7694950	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	80
3	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	53
4	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	42
5	Benzonitrile, 2-amino-	118	C7H6N2	001885-29-6	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

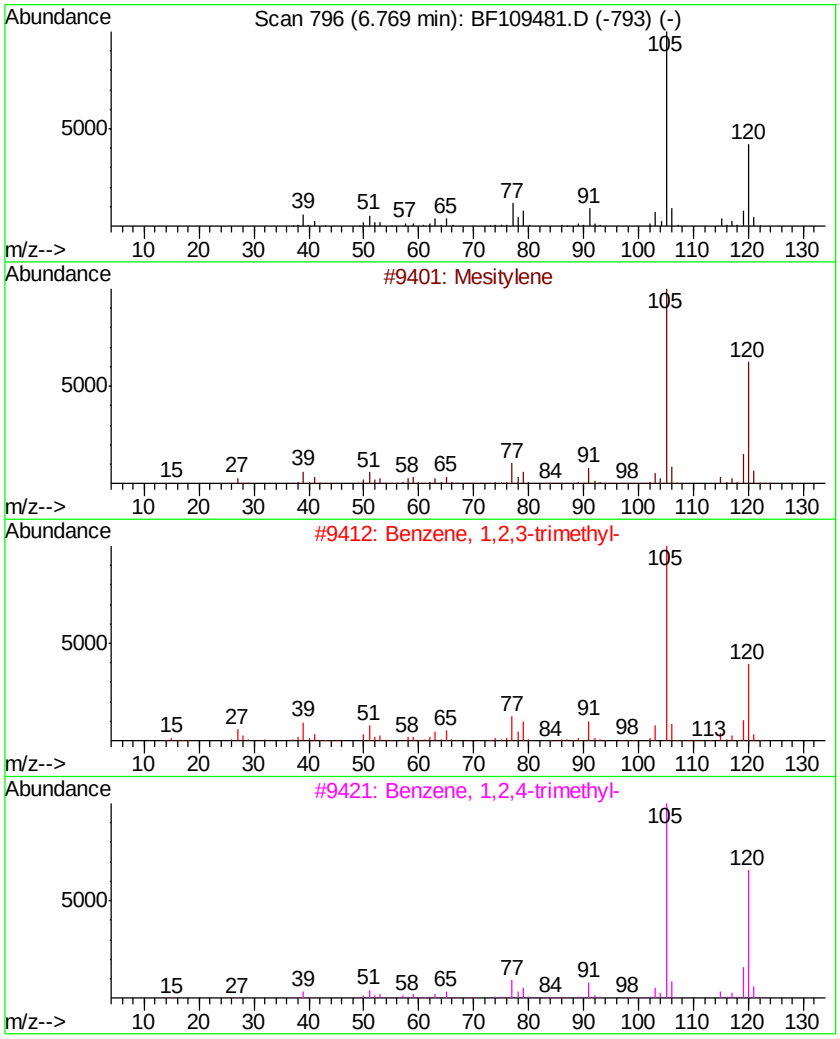
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

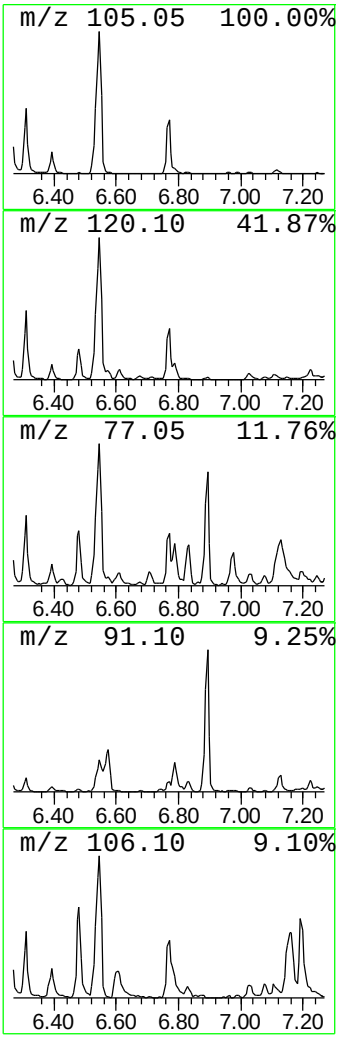
****

Peak Number 12 Mesitylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	11.10 ng	318076	1,4-Dichlorobenzene-d4	6.70

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	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

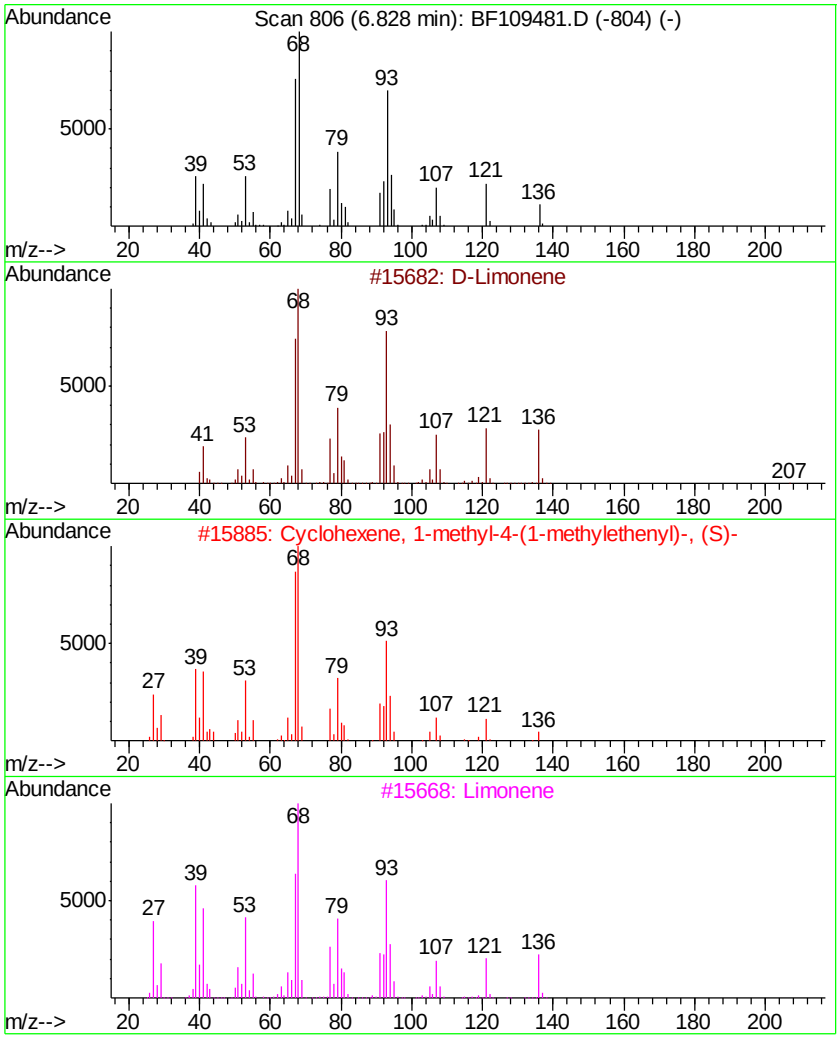
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

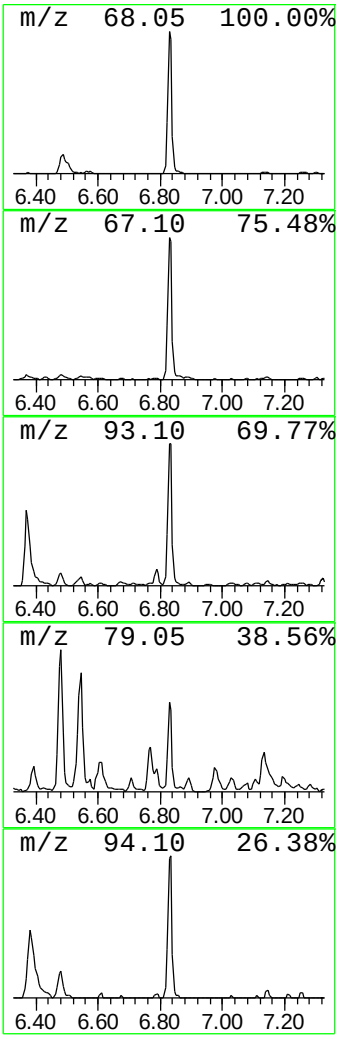
****

Peak Number 14 D-Limonene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	11.16 ng	319840	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
3	Limonene	136	C10H16	000138-86-3	81
4	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	81
5	Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

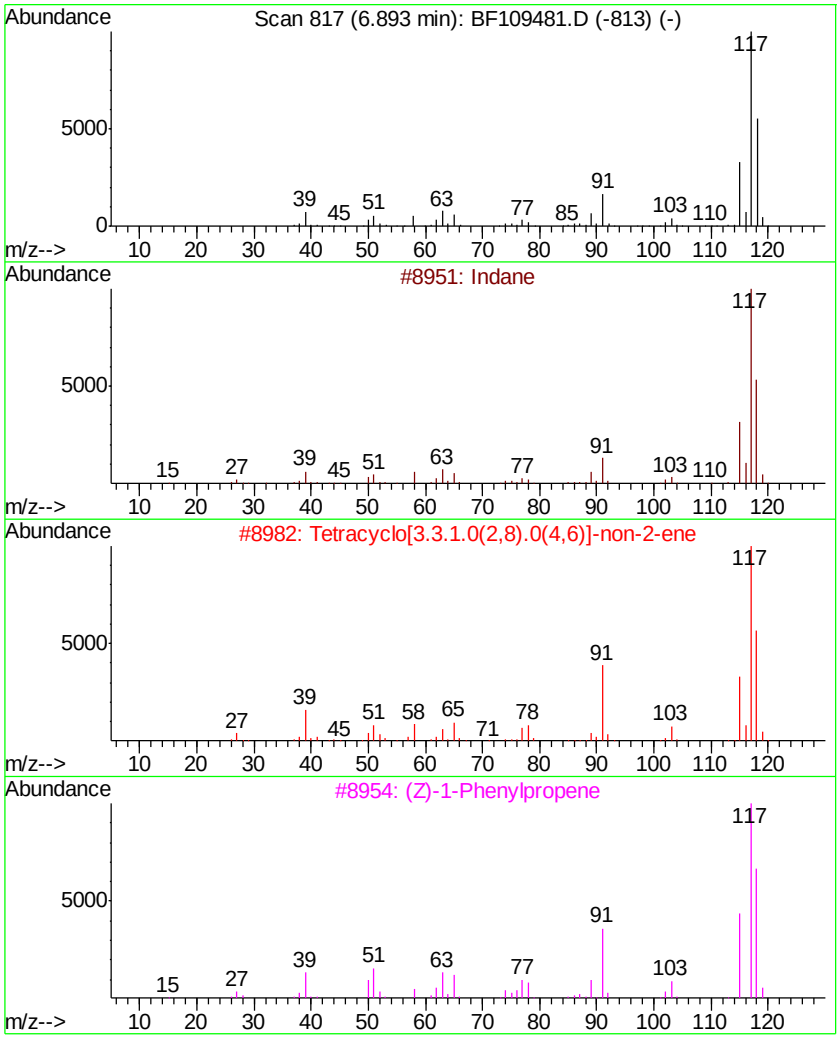
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

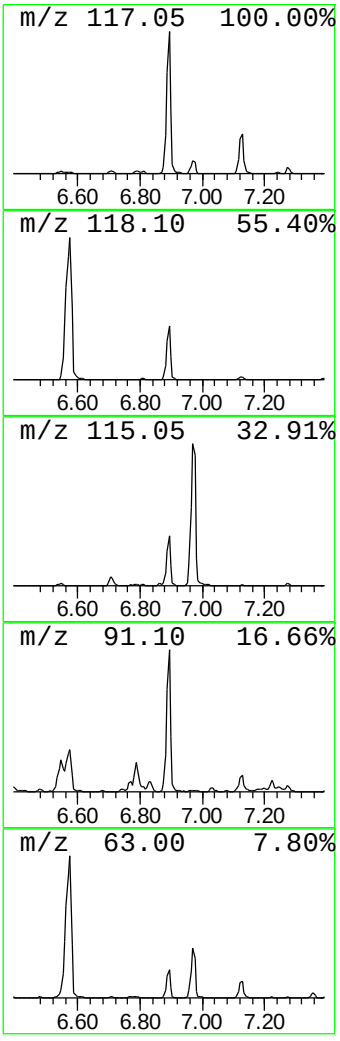
****

Peak Number 15 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	98.49 ng	2822380	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

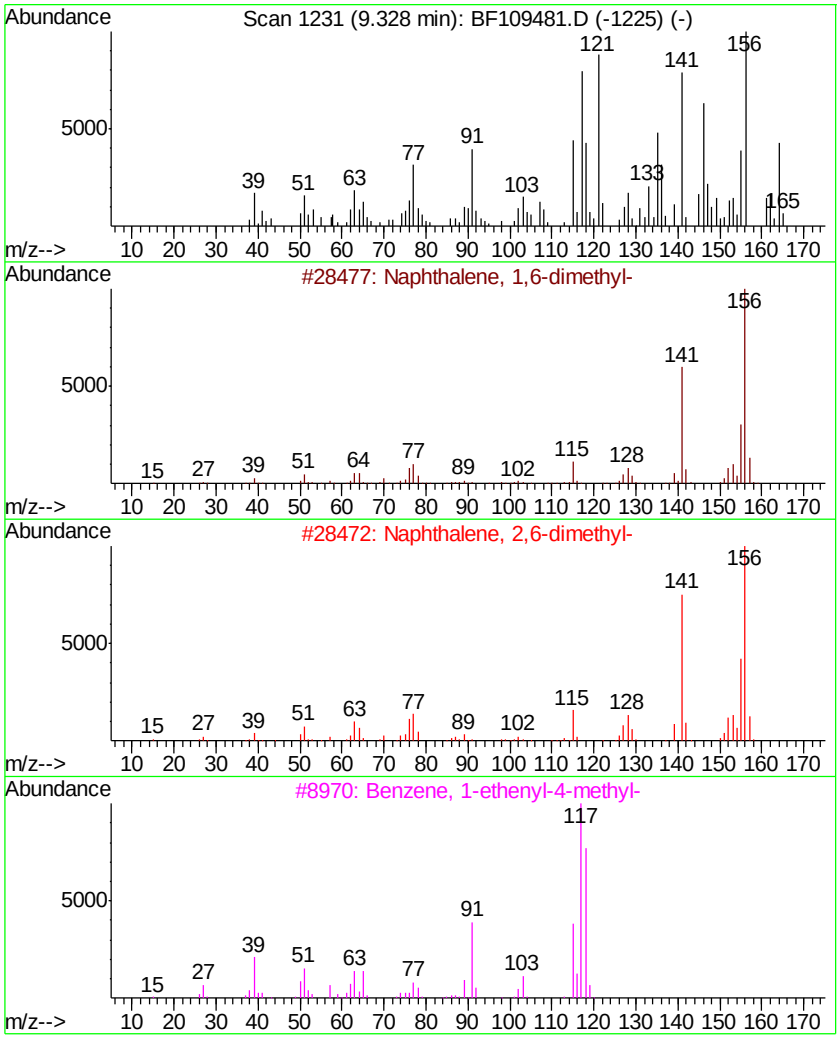
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

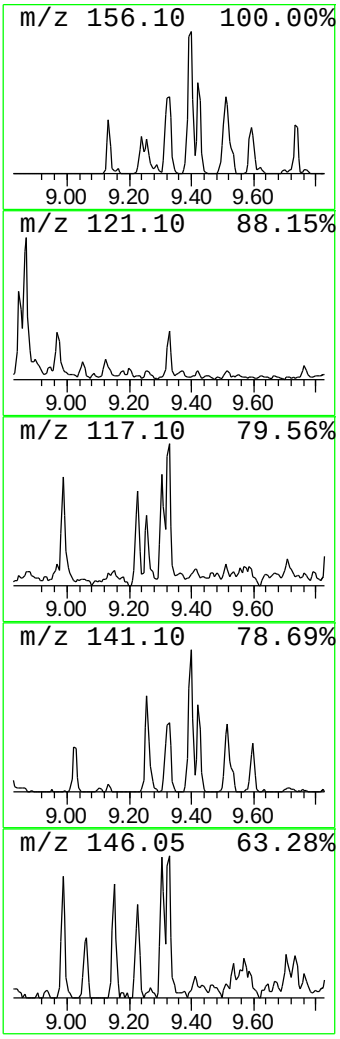
****

Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	7.78 ng	326875	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	51
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	51
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	40
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	38
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

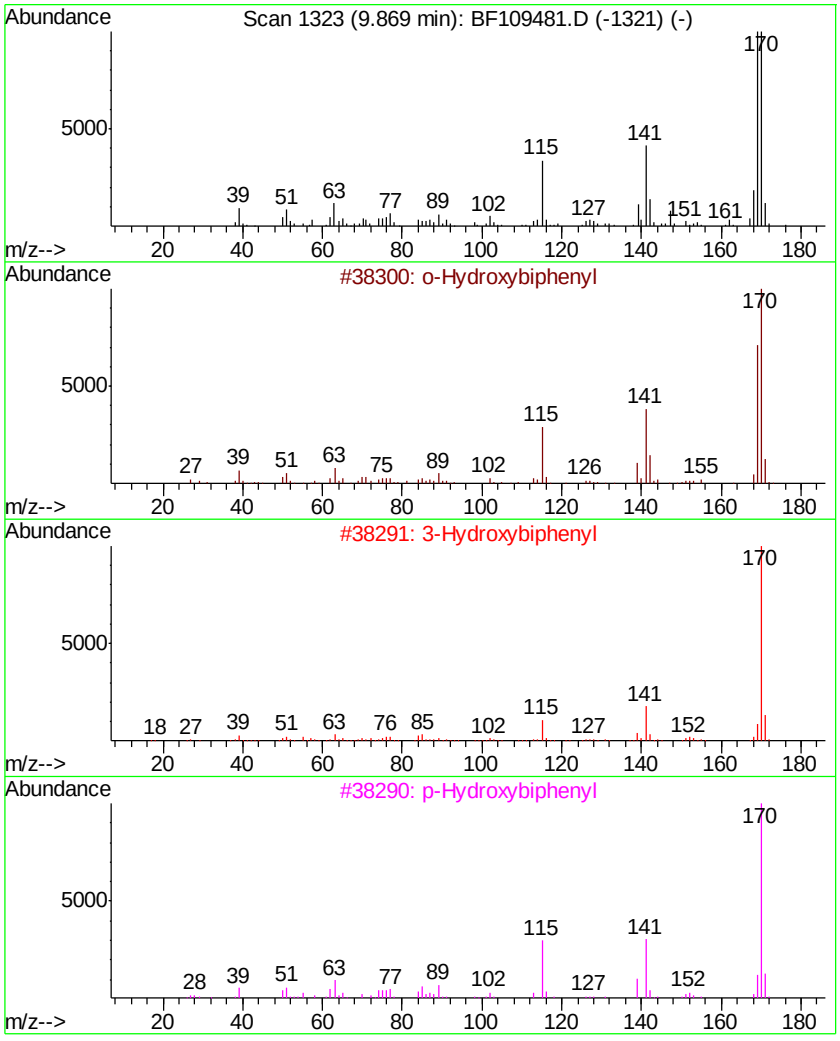
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

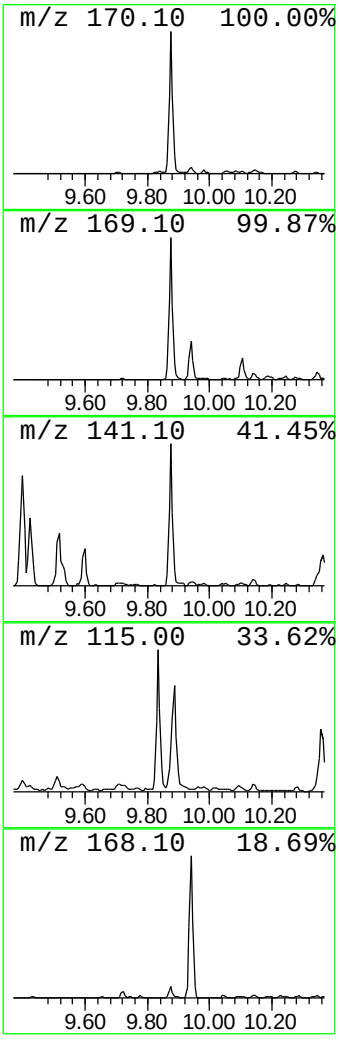
****

Peak Number 17 o-Hydroxybiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	13.58 ng	570442	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	64
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	58
4	Benzaldehyde, 2-fluoro-4-hydroxy...	170	C8H7FO3	079418-75-0	43
5	Quinaldonitrile, 3-hydroxy-	170	C10H6N2O	015462-43-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

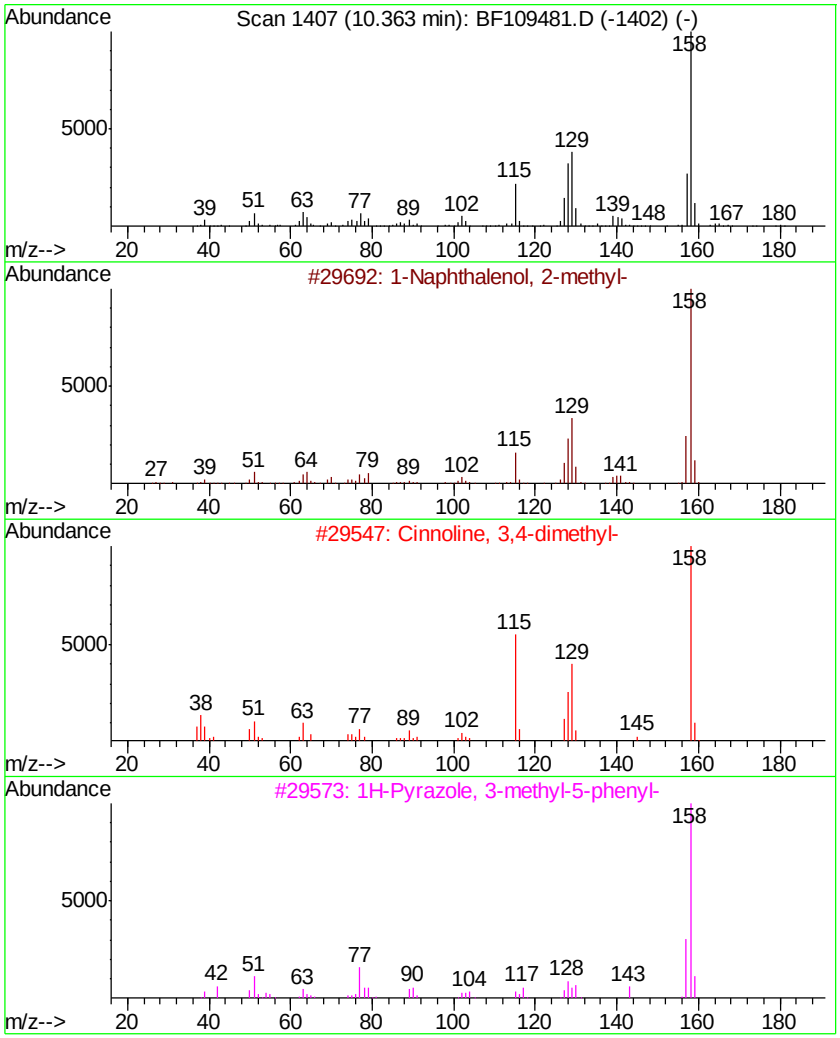
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

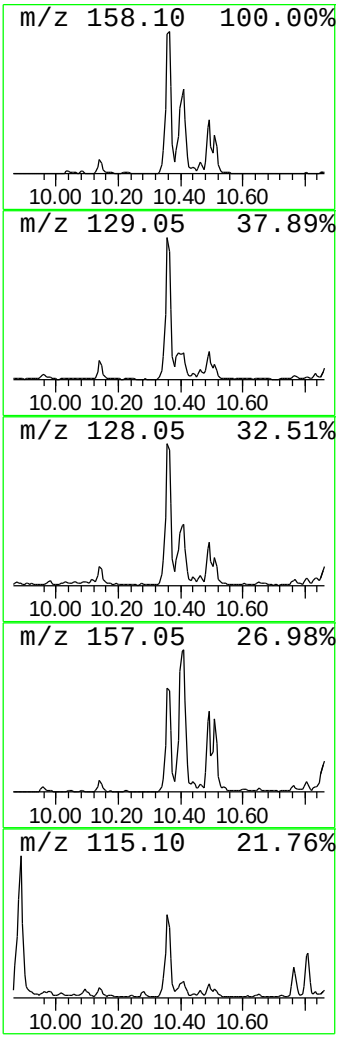
****

Peak Number 18 1-Naphthalenol, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	19.33 ng	811766	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	91
2	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	64
3	1H-Pyrazole, 3-methyl-5-phenyl-	158	C10H10N2	003347-62-4	50
4	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	50
5	2-Amino-3H-benzoimidazole-5-carb...	158	C8H6N4	063655-40-3	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

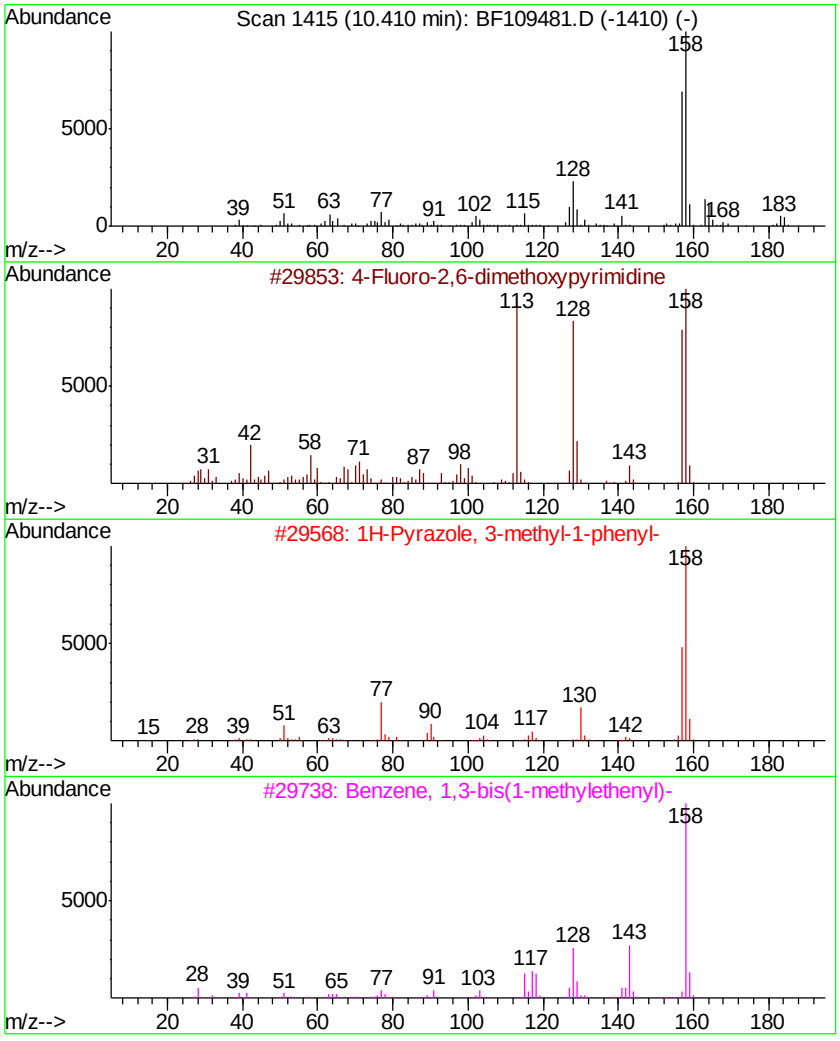
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

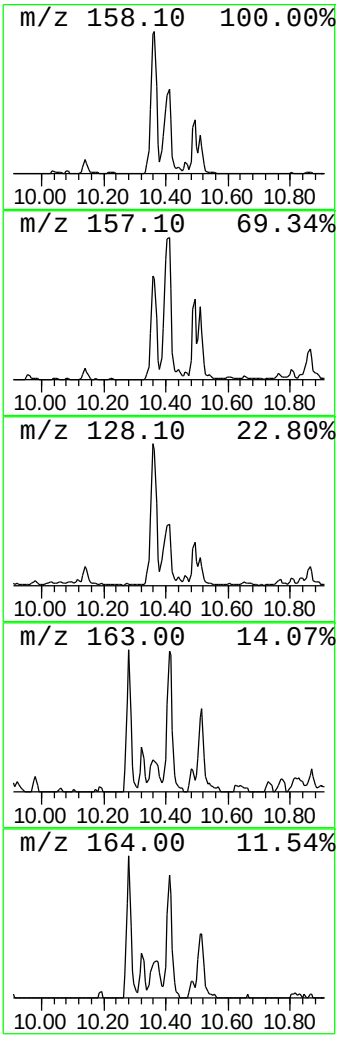
****

Peak Number 19 4-Fluoro-2,6-dimethoxypyrim... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	12.38 ng	519759	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-2,6-dimethoxypyrimidine	158	C6H7FN2O2	000658-87-7	64
2	1H-Pyrazole, 3-methyl-1-phenyl-	158	C10H10N2	001128-54-7	50
3	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	47
4	Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	47
5	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

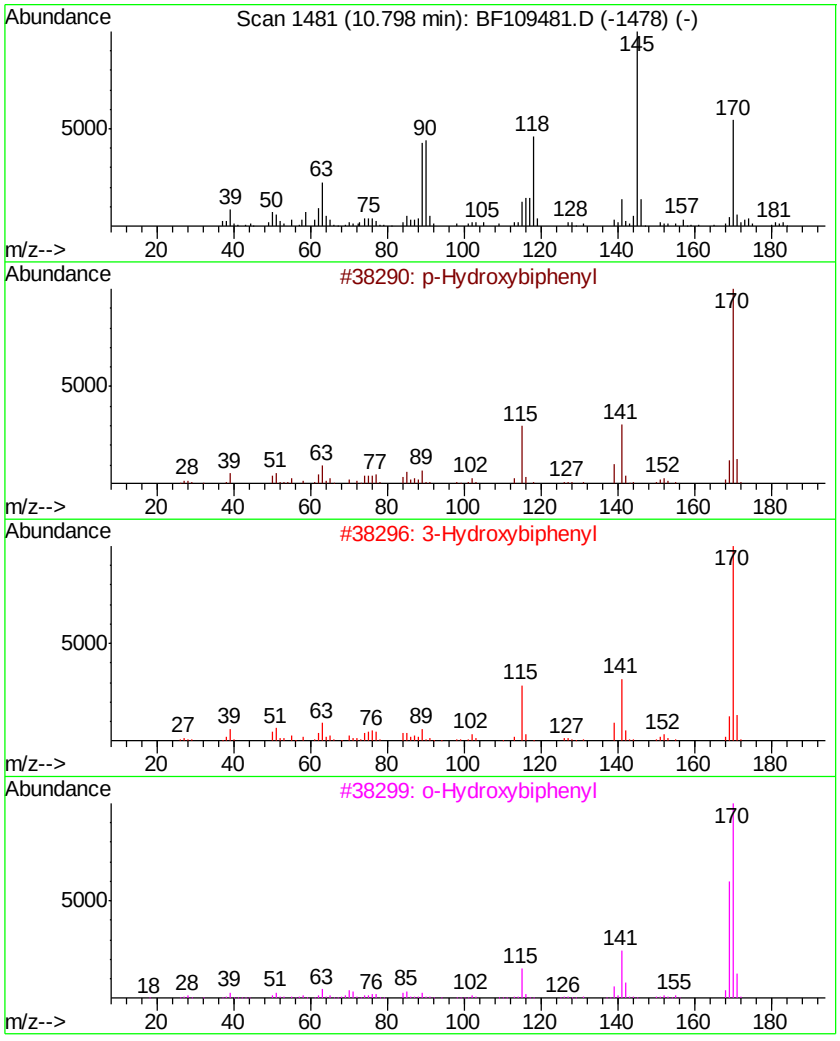
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

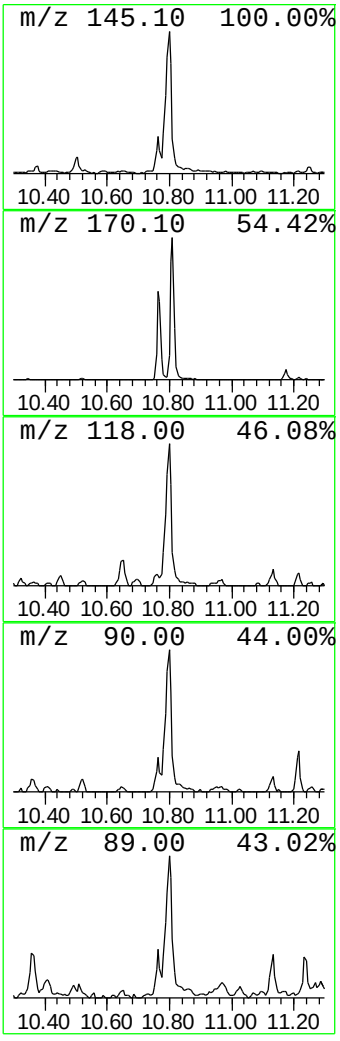
****

Peak Number 20 p-Hydroxybiphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	14.97 ng	560869	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	96
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	76
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	62
4	1-Isoquinolinecarbonitrile, 2-oxide	170	C10H6N2O	006969-11-5	52
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100118\
Data File : BF109481.D
Acq On : 1 Oct 2018 19:06
Operator : JU/SJ
Sample : J5155-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
Thiophene, 2-methyl-	3.76	16.8	ng	481587	1	6.70	573122	20.0
Thiophene, 3-methyl-	3.91	10.2	ng	291057	1	6.70	573122	20.0
Ethylbenzene	5.17	77.2	ng	2211440	1	6.70	573122	20.0
Benzene, 1,3-dime...	5.55	92.3	ng	2644670	1	6.70	573122	20.0
Benzene, 1-ethyl-...	6.23	19.3	ng	553961	1	6.70	573122	20.0
Benzene, 1-ethyl-...	6.26	8.6	ng	246210	1	6.70	573122	20.0
Benzene, 1,2,3-tr...	6.31	14.7	ng	420893	1	6.70	573122	20.0
Pyridine, 2,4,6-t...	6.48	15.3	ng	439640	1	6.70	573122	20.0
Benzofuran	6.57	268.5	ng	7694950	1	6.70	573122	20.0
Mesitylene	6.77	11.1	ng	318076	1	6.70	573122	20.0
D-Limonene	6.83	11.2	ng	319840	1	6.70	573122	20.0
Indane	6.89	98.5	ng	2822380	1	6.70	573122	20.0
Naphthalene, 1,6-...	9.33	7.8	ng	326875	3	9.73	839984	20.0
o-Hydroxybiphenyl	9.87	13.6	ng	570442	3	9.73	839984	20.0
1-Naphthalenol, 2...	10.36	19.3	ng	811766	3	9.73	839984	20.0
4-Fluoro-2,6-dime...	10.41	12.4	ng	519759	3	9.73	839984	20.0
p-Hydroxybiphenyl	10.80	15.0	ng	560869	4	11.22	749342	20.0