LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077675.D
Acq On : 10 Mar 2015 21:57
Operator : TP/IZ
Sample : G1466-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-082-3915

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : A

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.470	47	51	54	rVB2	316986	631047	17.52%	1.802%
2	1.630	63	65	68	rVV	262532	372575	10.34%	1.064%
3	1.687	68	70	73	rVV	27413	50526	1.40%	0.144%
4	1.801	78	80	93	rVB	449344	725275	20.14%	2.072%
5	3.378	214	218	223	rVB	97430	185427	5.15%	0.530%
6	4.944	354	355	361	rBV	50275	68893	1.91%	0.197%
7	5.047	361	364	367	rVB	321565	394645	10.96%	1.127%
8	5.276	381	384	387	rBV	174079	204515	5.68%	0.584%
9	5.413	394	396	399	rBV	398791	737394	20.47%	2.106%
10	5.470	399	401	404	rVB	522399	538559	14.95%	1.538%
11	5.744	422	425	427	rBV	316106	354352	9.84%	1.012%
12	6.602	498	500	502	rBV	102617	96462	2.68%	0.276%
13	6.636	502	503	506	rVB	48985	45177	1.25%	0.129%
14	6.693	506	508	511	rVB	164035	156484	4.34%	0.447%
15	6.750	511	513	516	rBV	278262	360190	10.00%	1.029%
16	6.796	516	517	519	rVB	53850	41536	1.15%	0.119%
17	6.887	523	525	528	rBV	862984	1209984	33.59%	3.456%
18	6.967	530	532	534	rBV	558304	522478	14.51%	1.492%
19	7.184	548	551	554	rVV	323763	395137	10.97%	1.129%
20	7.253	554	557	558	rVV	183938	174708	4.85%	0.499%
21	7.287	558	560	561	rVV	84317	101320	2.81%	0.289%
22	7.390	565	569	572	rVV3	1838306	3601863	100.00%	10.288%
23	7.493	576	578	581	rVV	196593	270477	7.51%	0.773%
24	7.585	585	586	588	rBV	77948	92036	2.56%	0.263%
25	7.710	592	597	598	rVV2	28587	83668	2.32%	0.239%
26	7.733	598	599	601	rVV	81092	107735	2.99%	0.308%
27	7.767	601	602	603	rVV	60493	46985	1.30%	0.134%
28	7.790	603	604	607	rVV	46927	48258	1.34%	0.138%
29	7.882	607	612	614	rVV	705751	1231618	34.19%	3.518%
30	8.030	623	625	627	rBV2	51522	79002	2.19%	0.226%
31	8.076	627	629	632	rVB	143431	134171	3.73%	0.383%
32	8.145	632	635	636	rBV	358015	366753	10.18%	1.048%
33	8.167	636	637	639	rVB	171993	218704	6.07%	0.625%
34	8.247	642	644	646	rBV	999836	888878	24.68%	2.539%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077675.D
Acq On : 10 Mar 2015 21:57
Operator : TP/IZ
Sample : G1466-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-082-3915

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : A

35	8.362	652	654	657	rVB2	122071	144469	4.01%	0.413%
36	8.442	657	661	664	rBV2	208149	358006	9.94%	1.023%
37	8.533	664	669	670	rVV2	143837	325612	9.04%	0.930%
38	8.567	670	672	674	rVV2	39637	53689	1.49%	0.153%
39	8.625	674	677	679	rVB2	37242	64850	1.80%	0.185%
40	8.693	680	683	685	rVV	977179	887120	24.63%	2.534%
41	8.762	687	689	690	rVV	452914	527946	14.66%	1.508%
42	8.785	690	691	694	rVV	1898219	1872510	51.99%	5.349%
43	8.842	694	696	699	rVV2	341007	626340	17.39%	1.789%
44	8.887	699	700	703	rVV2	118319	124999	3.47%	0.357%
45	8.967	705	707	708	rVV	226696	267109	7.42%	0.763%
46	8.990	708	709	712	rVV	140199	174078	4.83%	0.497%
47	9.093	713	718	721	rVV3	67300	122709	3.41%	0.350%
48	9.173	724	725	726	rVV	136246	118752	3.30%	0.339%
49	9.208	726	728	729	rVV	173111	224916	6.24%	0.642%
50	9.230	729	730	733	rVB2	47021	69501	1.93%	0.199%
51	9.345	739	740	742	rBV	48693	50689	1.41%	0.145%
52	9.390	742	744	745	rVV2	35038	44130	1.23%	0.126%
53	9.482	749	752	756	rVB3	220474	487848	13.54%	1.393%
54	9.550	756	758	759	rBV	125644	131732	3.66%	0.376%
55	9.585	759	761	765	rVV3	146033	303761	8.43%	0.868%
56	9.642	765	766	769	rVB	801804	714447	19.84%	2.041%
57	9.710	769	772	774	rBV2	57293	63227	1.76%	0.181%
58	9.768	774	777	779	rVV	869367	905677	25.14%	2.587%
59	9.870	783	786	788	rVV2	80925	130384	3.62%	0.372%
60	9.950	791	793	795	rVV	166273	175322	4.87%	0.501%
61	10.019	795	799	801	rVV3	89524	153093	4.25%	0.437%
62	10.110	804	807	809	rBV	1567039	2060767	57.21%	5.886%
63	10.225	815	817	820	rBV2	77427	105658	2.93%	0.302%
64	10.282	820	822	823	rVV2	26354	45719	1.27%	0.131%
65	10.362	825	829	832	rVV2	80341	168202	4.67%	0.480%
66	10.419	832	834	837	rVV	114939	182046	5.05%	0.520%
67	10.511	840	842	843	rVV	177633	216753	6.02%	0.619%
68	10.533	843	844	849	rVB2	118577	202012	5.61%	0.577%
69	10.613	849	851	853	rBV	43651	68112	1.89%	0.195%
70	10.659	853	855	860	rVB	69436	125917	3.50%	0.360%
71	10.751	860	863	866	rBV	41968	71061	1.97%	0.203%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077675.D
Acq On : 10 Mar 2015 21:57
Operator : TP/IZ
Sample : G1466-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-082-3915

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : A

72	10.865	870	873	875	rVV2	86503	87912	2.44%	0.251%
73	10.933	876	879	880	rVV	377044	516907	14.35%	1.476%
74	10.968	880	882	884	rVV	293466	271182	7.53%	0.775%
75	11.071	888	891	893	rBV3	22475	41143	1.14%	0.118%
76	11.128	893	896	898	rVV2	46805	67725	1.88%	0.193%
77	11.185	898	901	904	rVB2	132560	207899	5.77%	0.594%
78	11.242	904	906	911	rBV3	34130	56597	1.57%	0.162%
79	11.459	922	925	929	rVB5	25814	61446	1.71%	0.176%
80	11.528	929	931	934	rBV2	111200	137805	3.83%	0.394%
81	11.608	936	938	942	rVV	246630	284833	7.91%	0.814%
82	11.711	942	947	949	rVB2	28385	63627	1.77%	0.182%
83	11.768	949	952	955	rBV2	21745	47670	1.32%	0.136%
84	11.825	955	957	960	rVV	120195	158248	4.39%	0.452%
85	11.905	961	964	966	rBV	1247156	1246487	34.61%	3.560%
86	12.065	976	978	980	rVB3	59321	82278	2.28%	0.235%
87	12.282	995	997	1002	rVB3	18992	44397	1.23%	0.127%
88	12.636	1023	1028	1030	rBV	38447	52434	1.46%	0.150%
89	12.762	1037	1039	1044	rVB2	448711	652907	18.13%	1.865%
90	12.854	1044	1047	1049	rBV2	60420	97461	2.71%	0.278%
91	12.945	1053	1055	1059	rVB2	41047	48213	1.34%	0.138%
92	13.025	1059	1062	1064	rBV	35258	56277	1.56%	0.161%
93	13.059	1064	1065	1067	rVB	43361	56165	1.56%	0.160%
94	13.791	1126	1129	1133	rVB	37344	45746	1.27%	0.131%
95	14.179	1161	1163	1167	rBV	58198	63217	1.76%	0.181%
96	14.762	1211	1214	1217	rBV	2336005	2298236	63.81%	6.565%
97	15.940	1314	1317	1324	rVB2	92366	157853	4.38%	0.451%
98	16.054	1324	1327	1329	rBV	398447	586052	16.27%	1.674%
99	16.557	1369	1371	1373	rBV	45131	55894	1.55%	0.160%
100	17.780	1475	1478	1481	rBV	460371	557254	15.47%	1.592%

Sum of corrected areas: 35009860

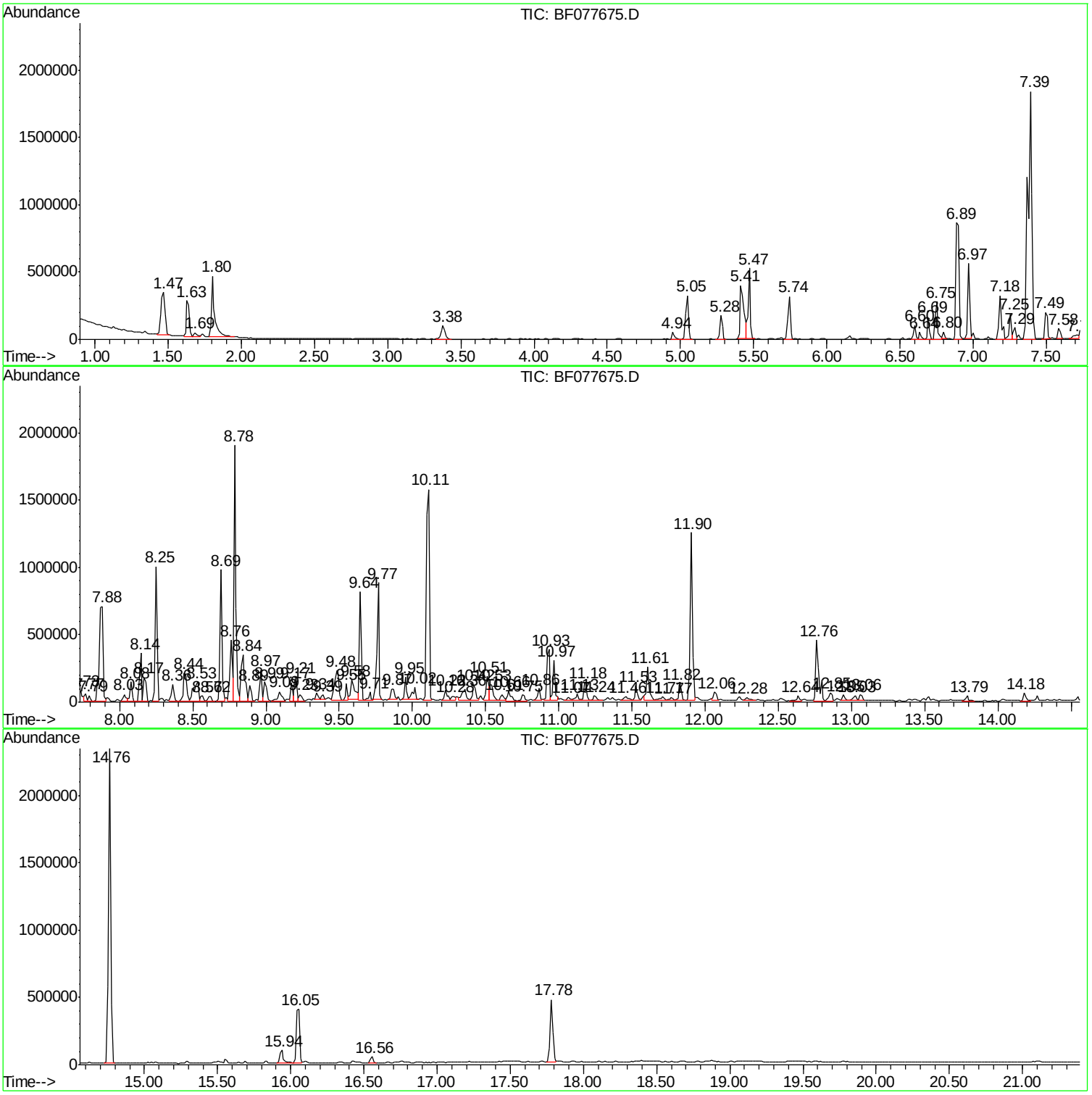
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077675.D
Acq On : 10 Mar 2015 21:57
Operator : TP/IZ
Sample : G1466-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-082-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077675.D
Acq On : 10 Mar 2015 21:57
Operator : TP/IZ
Sample : G1466-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-082-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

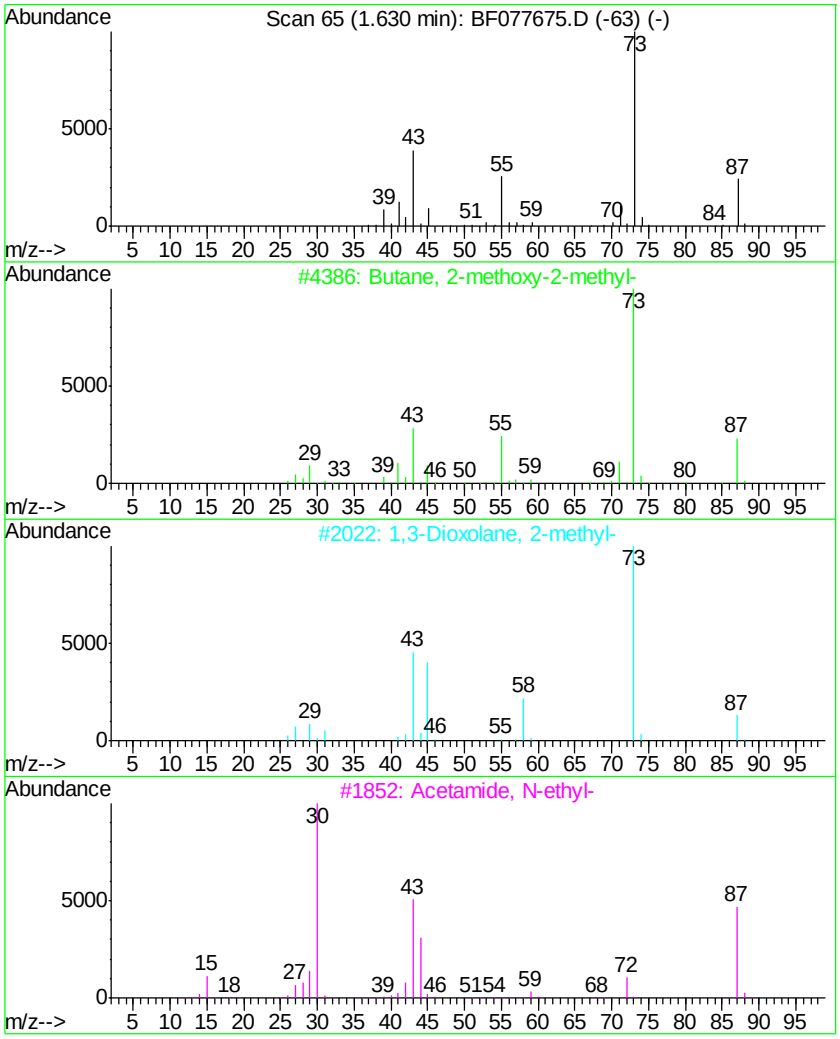
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

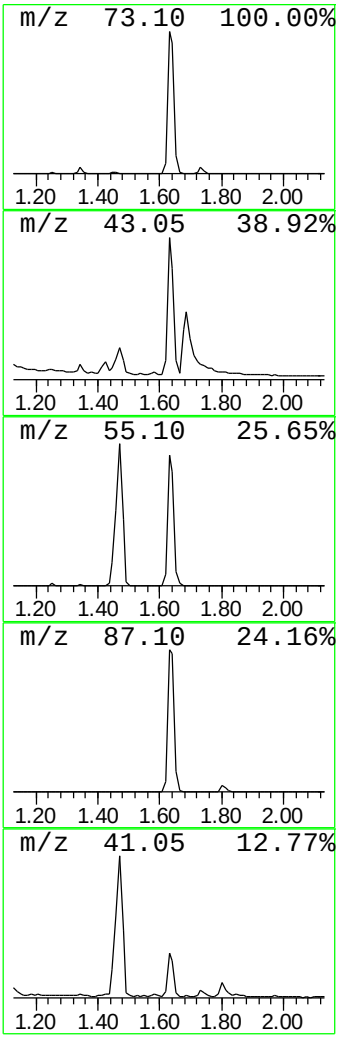
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	18.86 ng	372575	1,4-Dichlorobenzene-d4	7.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077675.D
Acq On : 10 Mar 2015 21:57
Operator : TP/IZ
Sample : G1466-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-082-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

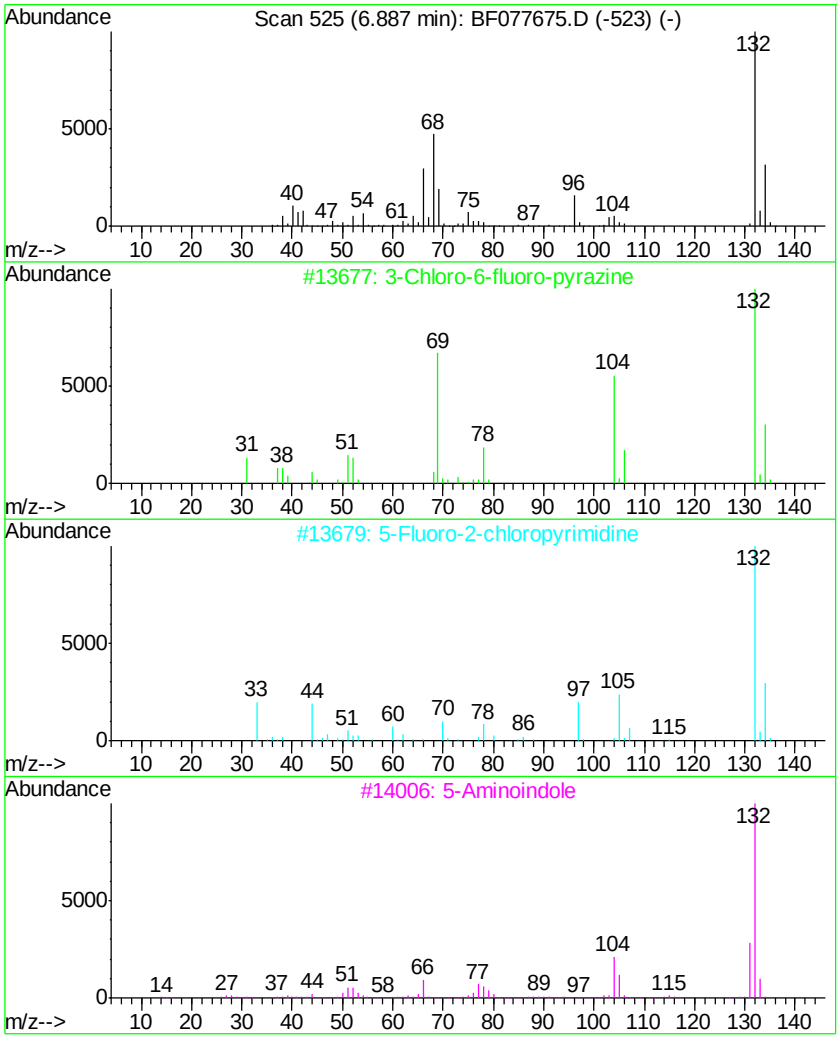
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

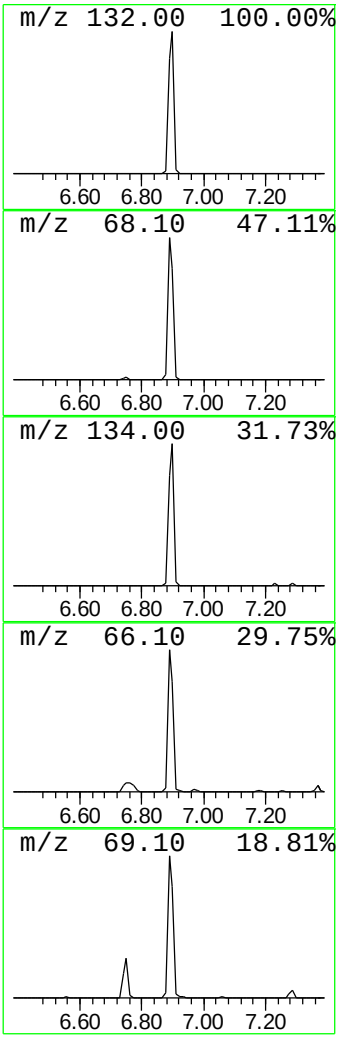
****

Peak Number 9 unknown6.89 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	61.24 ng	1209980	1,4-Dichlorobenzene-d4	7.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
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\BF031015\
Data File : BF077675.D
Acq On : 10 Mar 2015 21:57
Operator : TP/IZ
Sample : G1466-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-082-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

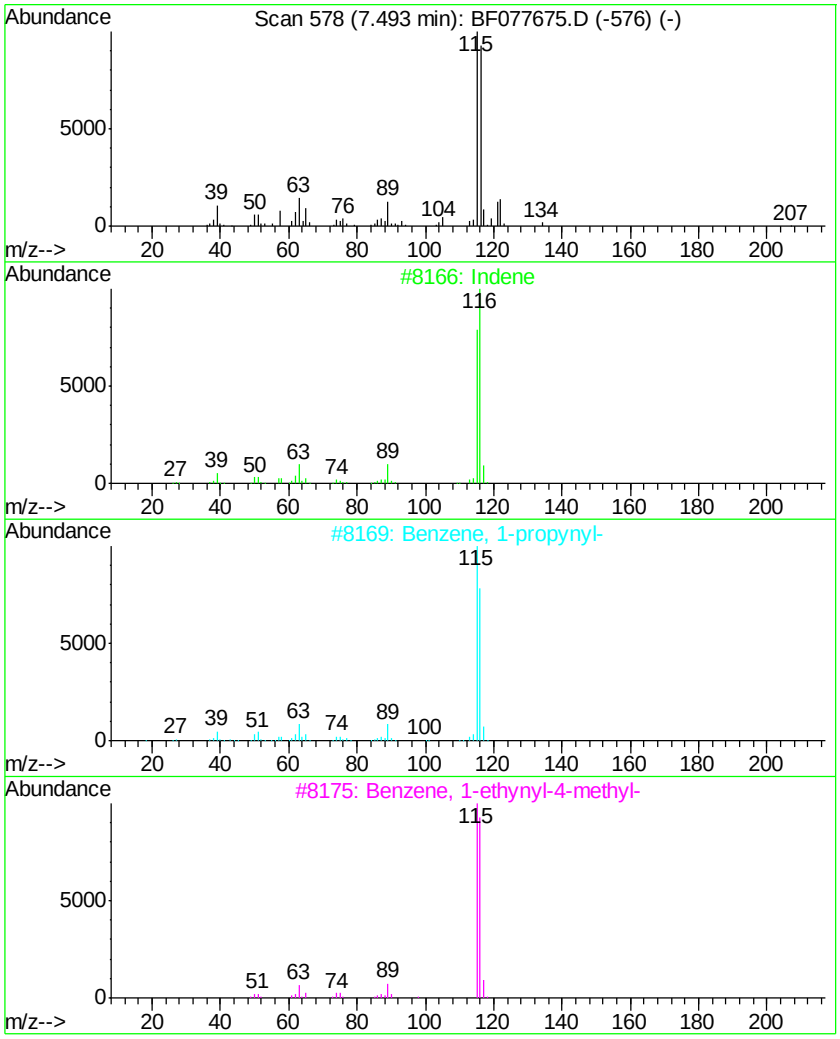
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

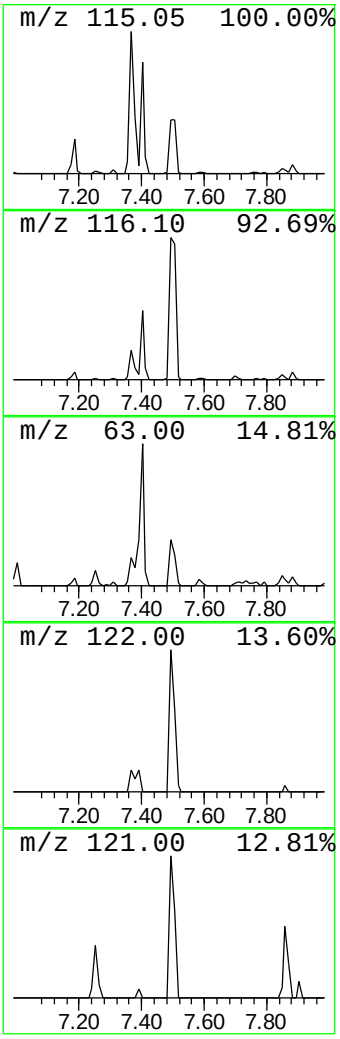
****

Peak Number 11 Indene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	13.69 ng	270477	1,4-Dichlorobenzene-d4	7.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	93
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	87
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	83
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	81
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077675.D
Acq On : 10 Mar 2015 21:57
Operator : TP/IZ
Sample : G1466-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-082-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

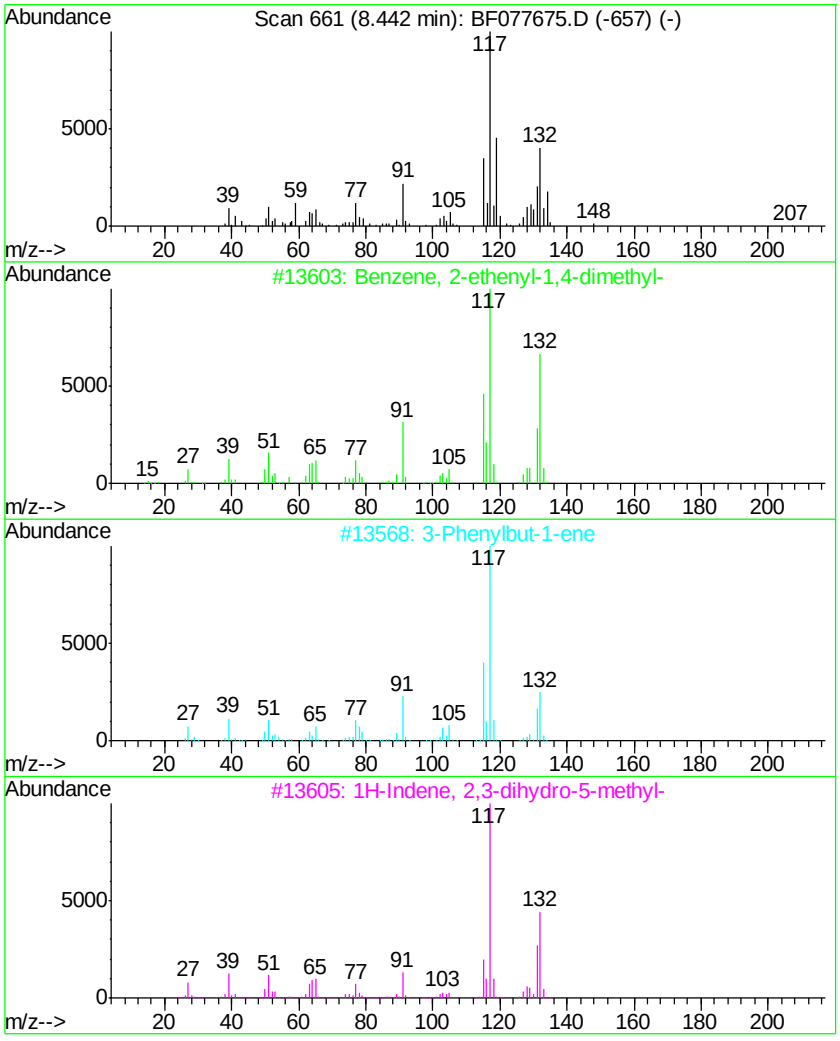
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

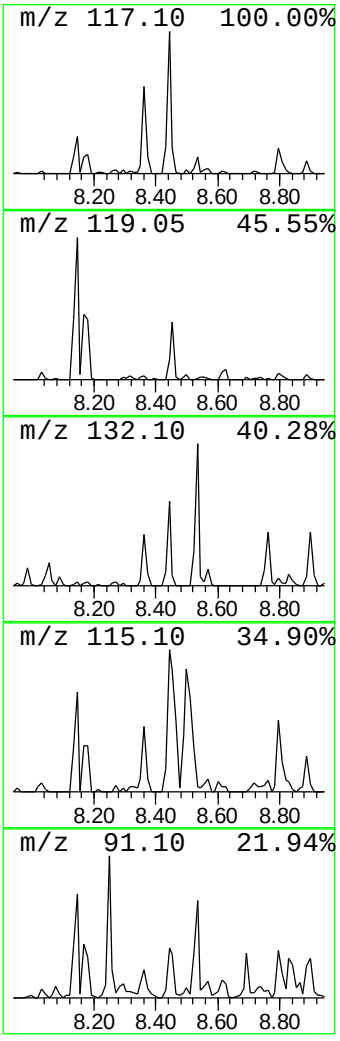
****

Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	13.56 ng	358006	Naphthalene-d8	8.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077675.D
Acq On : 10 Mar 2015 21:57
Operator : TP/IZ
Sample : G1466-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-082-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

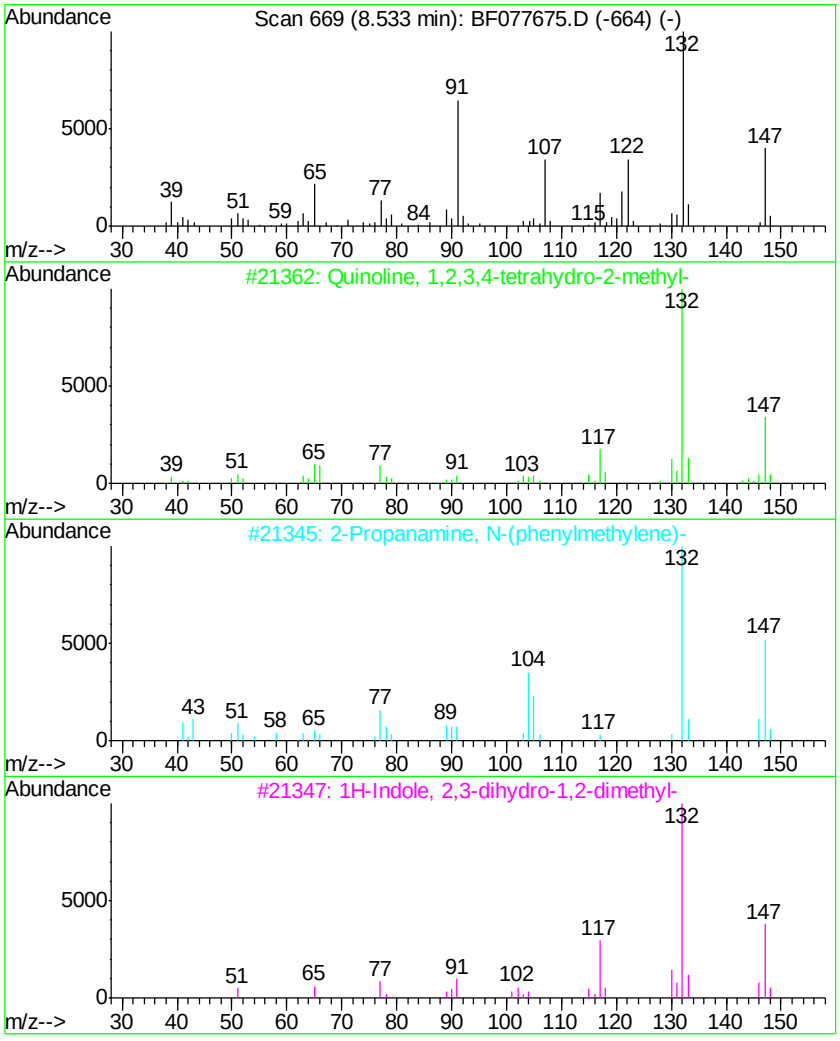
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

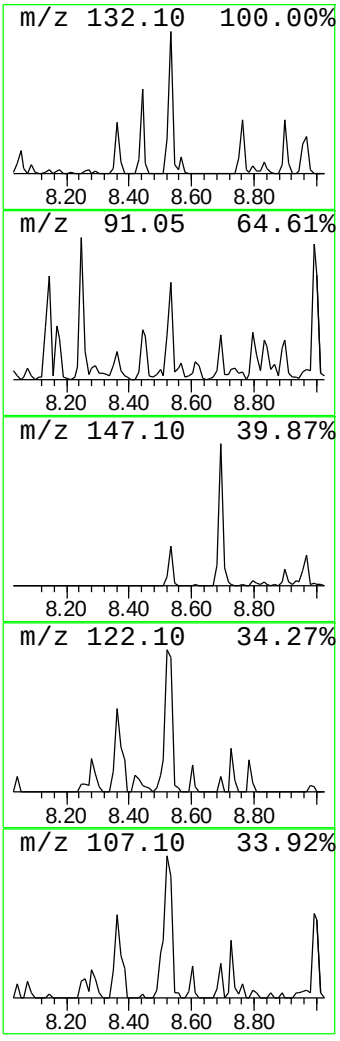
****

Peak Number 15 Quinoline, 1,2,3,4-tetrahyd... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	12.34 ng	325612	Naphthalene-d8	8.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 1,2,3,4-tetrahydro-2-...	147	C10H13N	001780-19-4	53
2	2-Propanamine, N-(phenylmethylene)-	147	C10H13N	006852-56-8	49
3	1H-Indole, 2,3-dihydro-1,2-dimet...	147	C10H13N	026216-93-3	47
4	Benzene, (1-isocyanatoethyl)-, (S)-	147	C9H9NO	014649-03-7	47
5	o-Ethylphenyl isocyanate	147	C9H9NO	040411-25-4	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077675.D
Acq On : 10 Mar 2015 21:57
Operator : TP/IZ
Sample : G1466-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-082-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

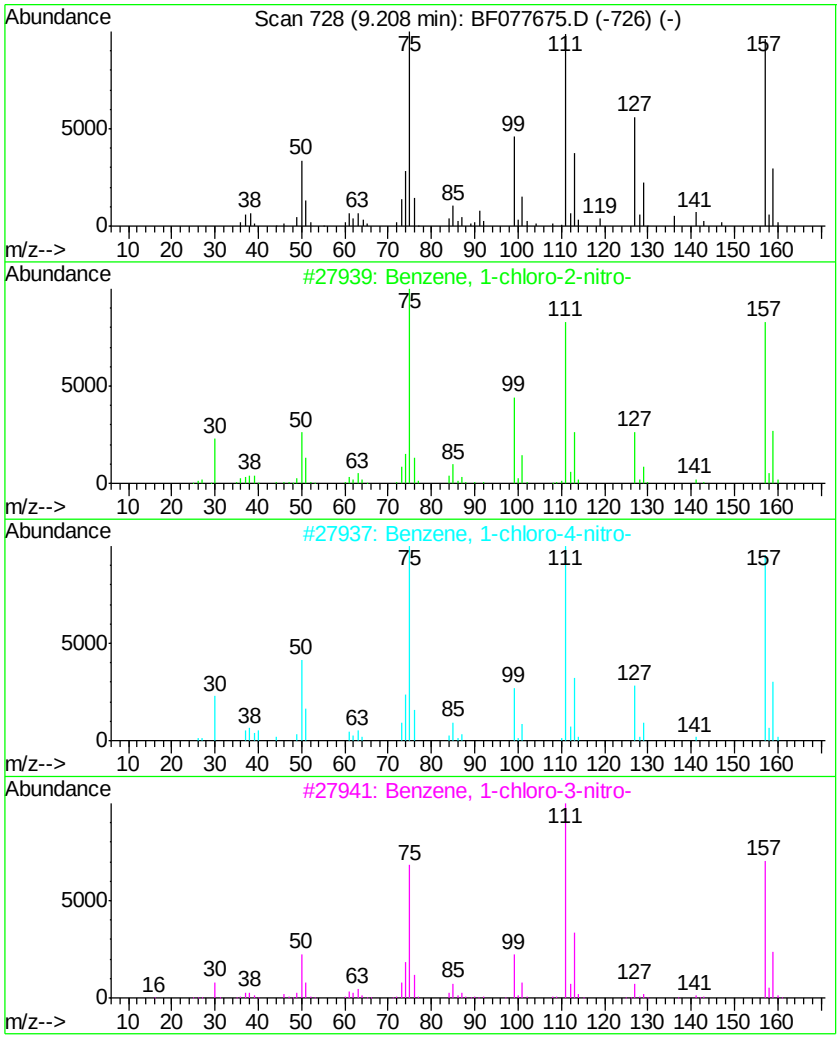
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

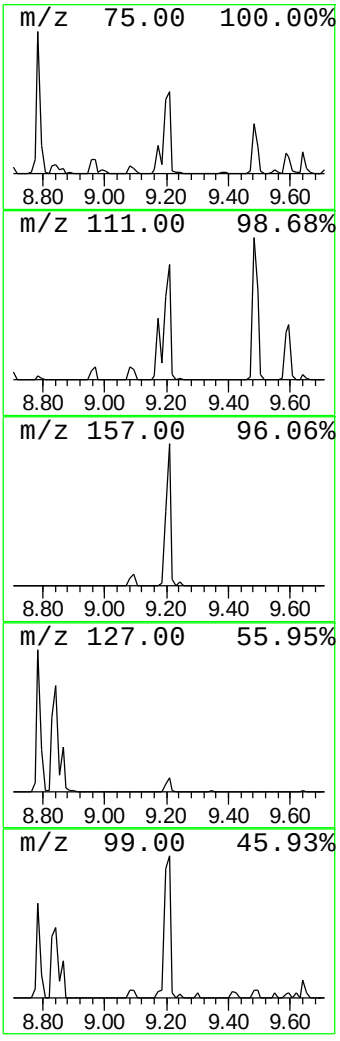
****

Peak Number 17 Benzene, 1-chloro-2-nitro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	8.52 ng	224916	Naphthalene-d8	8.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
2	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
4	2-Thienylamide	127	C5H5NOS	005813-89-8	14
5	Hexanedioic acid, diethyl ester	202	C10H18O4	000141-28-6	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077675.D
Acq On : 10 Mar 2015 21:57
Operator : TP/IZ
Sample : G1466-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-082-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

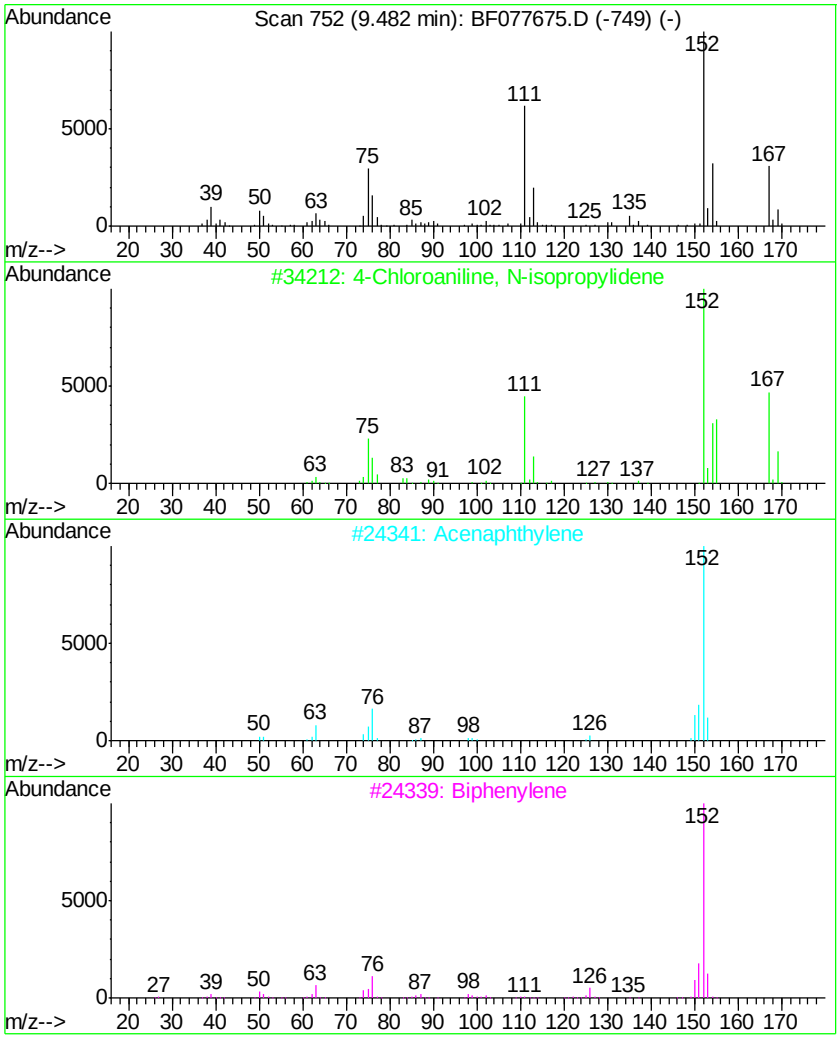
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

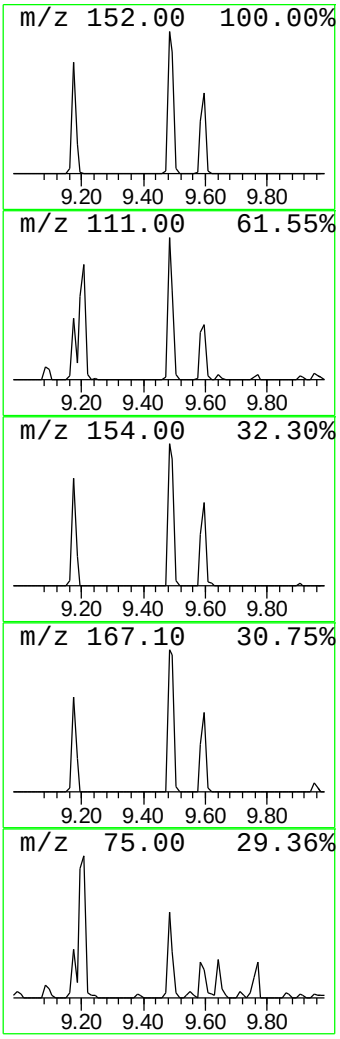
****

Peak Number 18 4-Chloroaniline, N-isopropy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	18.48 ng	487848	Naphthalene-d8	8.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloroaniline, N-isopropylidene	167	C9H10ClN	040938-43-0	95
2	Acenaphthylene	152	C12H8	000208-96-8	38
3	Biphenylene	152	C12H8	000259-79-0	38
4	2-Ethoxy-4-pyridinecarboxylic acid	167	C8H9NO3	091940-86-2	38
5	Chlorhexidine	504	C22H30Cl2N10	000055-56-1	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077675.D
Acq On : 10 Mar 2015 21:57
Operator : TP/IZ
Sample : G1466-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-082-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

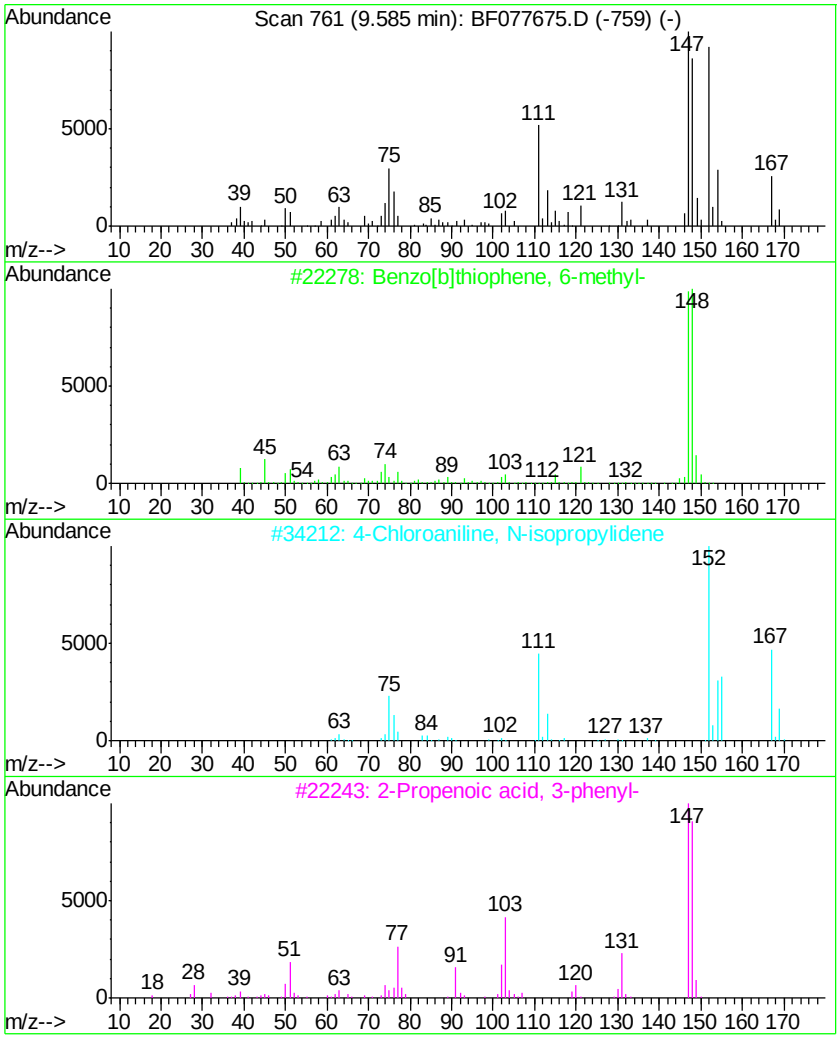
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

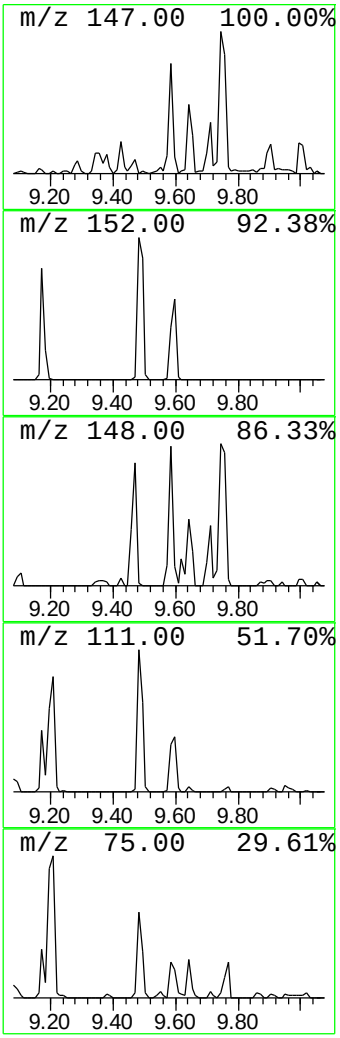
****

Peak Number 19 Benzo[b]thiophene, 6-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	11.51 ng	303761	Naphthalene-d8	8.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	50
2	4-Chloroaniline, N-isopropylidene	167	C9H10ClN	040938-43-0	46
3	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	43
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	41
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031015\
Data File : BF077675.D
Acq On : 10 Mar 2015 21:57
Operator : TP/IZ
Sample : G1466-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-082-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	1.63	18.9	ng	372575	1	7.18	395137	20.0
unknown6.89	6.89	61.2	ng	1209980	1	7.18	395137	20.0
Indene	7.49	13.7	ng	270477	1	7.18	395137	20.0
Benzene, 2-etheny...	8.44	13.6	ng	358006	2	8.76	527946	20.0
Quinoline, 1,2,3,...	8.53	12.3	ng	325612	2	8.76	527946	20.0
Benzene, 1-chloro...	9.21	8.5	ng	224916	2	8.76	527946	20.0
4-Chloroaniline, ...	9.48	18.5	ng	487848	2	8.76	527946	20.0
Benzo[b]thiophene...	9.58	11.5	ng	303761	2	8.76	527946	20.0