LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085652.D
Acq On : 22 Mar 2016 7:35
Operator : UM/SJ
Sample : H1834-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15GW

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-BF031816.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	5.019	237	239	243	rBV	204436	285052	7.23%	0.485%
2	5.293	261	263	266	rBV	116929	110083	2.79%	0.187%
3	5.441	273	276	278	rVB	1482124	1880425	47.72%	3.201%
4	5.636	287	293	294	rBV5	41374	90923	2.31%	0.155%
5	5.670	294	296	298	rVV	115044	205699	5.22%	0.350%
6	5.841	309	311	313	rBV2	95547	100973	2.56%	0.172%
7	6.001	320	325	327	rBV2	71458	101885	2.59%	0.173%
8	6.299	346	351	353	rVB	141901	165160	4.19%	0.281%
9	6.356	353	356	358	rBV2	112410	177915	4.52%	0.303%
10	6.390	358	359	362	rBV	305436	275570	6.99%	0.469%
11	6.436	362	363	364	rBV	128622	108834	2.76%	0.185%
12	6.470	364	366	369	rVB	1184463	1075190	27.29%	1.830%
13	6.527	369	371	373	rVB	136094	155883	3.96%	0.265%
14	6.607	375	378	381	rBV	2778608	2818364	71.53%	4.797%
15	6.676	381	384	385	rVB3	48571	71386	1.81%	0.122%
16	6.710	385	387	389	rVB	181389	172437	4.38%	0.294%
17	6.836	396	398	401	rBV	756967	997545	25.32%	1.698%
18	6.893	402	403	408	rVB2	228314	414105	10.51%	0.705%
19	6.996	410	412	416	rBV	2619200	2923939	74.21%	4.977%
20	7.087	418	420	425	rVB2	110563	181913	4.62%	0.310%
21	7.167	425	427	431	rBV	216387	394084	10.00%	0.671%
22	7.236	431	433	435	rBV	217235	281650	7.15%	0.479%
23	7.293	435	438	441	rVB3	120548	256652	6.51%	0.437%
24	7.407	442	448	450	rBV	2043465	2729273	69.27%	4.646%
25	7.487	453	455	457	rBV2	114096	196473	4.99%	0.334%
26	7.533	457	459	463	rVB4	342979	643805	16.34%	1.096%
27	7.613	463	466	471	rVB5	200283	496495	12.60%	0.845%
28	7.693	471	473	474	rVB2	53044	61452	1.56%	0.105%
29	7.750	474	478	479	rBV	124908	219328	5.57%	0.373%
30	7.785	479	481	482	rVB	157211	207365	5.26%	0.353%
31	7.807	482	483	485	rVB2	66607	81643	2.07%	0.139%
32	7.865	485	488	490	rBV	644840	1010631	25.65%	1.720%
33	7.899	490	491	492	rVB	299944	205762	5.22%	0.350%
34	7.933	492	494	496	rBV3	123607	211171	5.36%	0.359%

LSC Area Percent Report

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Acq On : 22 Mar 2016 7:35
Operator : UM/SJ
Sample : H1834-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15GW

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-BF031816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.967	496	497	498	rVB	138668	95126	2.41%	0.162%
36	7.990	498	499	504	rVB4	209242	383258	9.73%	0.652%
37	8.070	504	506	509	rBV3	171330	444088	11.27%	0.756%
38	8.127	509	511	512	rVV2	1230587	1282013	32.54%	2.182%
39	8.173	512	515	520	rVB5	620510	1457880	37.00%	2.481%
40	8.253	520	522	523	rBV	246248	255081	6.47%	0.434%
41	8.310	523	527	530	rVB5	74032	225600	5.73%	0.384%
42	8.402	530	535	537	rBV2	440293	1117892	28.37%	1.903%
43	8.527	542	546	547	rBV3	227073	439362	11.15%	0.748%
44	8.573	547	550	551	rBV3	139824	210587	5.34%	0.358%
45	8.596	551	552	553	rVB	192067	131758	3.34%	0.224%
46	8.687	558	560	561	rVB2	182837	131739	3.34%	0.224%
47	8.722	561	563	565	rVB	1508655	1309032	33.22%	2.228%
48	8.756	565	566	567	rBV	101612	117017	2.97%	0.199%
49	8.790	567	569	570	rVB2	227343	220953	5.61%	0.376%
50	8.825	570	572	573	rBV	202166	201120	5.10%	0.342%
51	8.870	573	576	578	rVB3	545905	635060	16.12%	1.081%
52	8.905	578	579	580	rBV	183618	203052	5.15%	0.346%
53	8.939	580	582	584	rBV2	961227	1052781	26.72%	1.792%
54	8.985	584	586	587	rVV2	313869	407119	10.33%	0.693%
55	9.019	587	589	591	rVB	468157	552012	14.01%	0.940%
56	9.076	591	594	595	rBV2	433587	520790	13.22%	0.886%
57	9.110	595	597	598	rVB	264153	192672	4.89%	0.328%
58	9.156	598	601	603	rBV4	264044	641752	16.29%	1.092%
59	9.202	603	605	607	rVB	2722629	3940185	100.00%	6.707%
60	9.248	607	609	610	rBV2	88387	127726	3.24%	0.217%
61	9.293	610	613	615	rBV2	554899	769402	19.53%	1.310%
62	9.373	617	620	621	rBV2	365169	529457	13.44%	0.901%
63	9.408	621	623	624	rBV2	135919	179187	4.55%	0.305%
64	9.453	624	627	630	rBV	622323	1298870	32.96%	2.211%
65	9.533	630	634	639	rVB5	688698	2259529	57.35%	3.846%
66	9.602	639	640	642	rBV2	229276	384329	9.75%	0.654%
67	9.693	647	648	652	rVB4	162903	219318	5.57%	0.373%
68	9.773	653	655	657	rBV	394951	373844	9.49%	0.636%
69	9.808	657	658	661	rVB3	297604	358339	9.09%	0.610%
70	9.876	662	664	668	rVB	971430	1443852	36.64%	2.458%
71	9.945	668	670	672	rBV	563792	1164037	29.54%	1.981%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085652.D
Acq On : 22 Mar 2016 7:35
Operator : UM/SJ
Sample : H1834-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15GW

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-BF031816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.048	677	679	682	rVB3	302084	430931	10.94%	0.733%
73	10.162	687	689	691	rVV2	98152	198598	5.04%	0.338%
74	10.196	691	692	694	rVV2	288008	397059	10.08%	0.676%
75	10.242	694	696	700	rVB3	465485	616235	15.64%	1.049%
76	10.310	700	702	704	rBV2	362479	336961	8.55%	0.574%
77	10.448	712	714	717	rBV2	299339	492706	12.50%	0.839%
78	10.493	717	718	720	rVB	264039	206556	5.24%	0.352%
79	10.528	720	721	723	rBV2	94975	160254	4.07%	0.273%
80	10.619	728	729	731	rBV2	120173	176458	4.48%	0.300%
81	10.676	731	734	736	rVV	1916771	2290744	58.14%	3.899%
82	10.722	736	738	741	rVV3	107441	154917	3.93%	0.264%
83	10.791	743	744	749	rVV3	244455	416013	10.56%	0.708%
84	10.893	749	753	757	rVV3	188695	480186	12.19%	0.817%
85	11.008	761	763	767	rVV3	258445	432775	10.98%	0.737%
86	11.088	768	770	771	rVV	216131	295310	7.49%	0.503%
87	11.122	771	773	775	rVV2	193550	337181	8.56%	0.574%
88	11.168	775	777	780	rVB	72280	96745	2.46%	0.165%
89	11.282	785	787	791	rVV2	137839	216129	5.49%	0.368%
90	11.362	791	794	796	rVB	918822	931135	23.63%	1.585%
91	11.762	827	829	831	rVB	69788	100884	2.56%	0.172%
92	11.899	839	841	846	rVB2	273872	369842	9.39%	0.630%
93	12.402	883	885	889	rVB5	33569	61455	1.56%	0.105%
94	12.676	907	909	914	rVV	195191	224017	5.69%	0.381%
95	12.768	914	917	921	rVB2	170615	208652	5.30%	0.355%
96	12.951	930	933	935	rBV	2882031	2888899	73.32%	4.917%
97	13.477	976	979	980	rBV	62466	73831	1.87%	0.126%
98	13.842	1009	1011	1016	rVB	62333	79279	2.01%	0.135%
99	13.991	1022	1024	1027	rBV	673149	741633	18.82%	1.262%
100	15.420	1146	1149	1155	rVB	603301	749936	19.03%	1.276%

Sum of corrected areas: 58750205

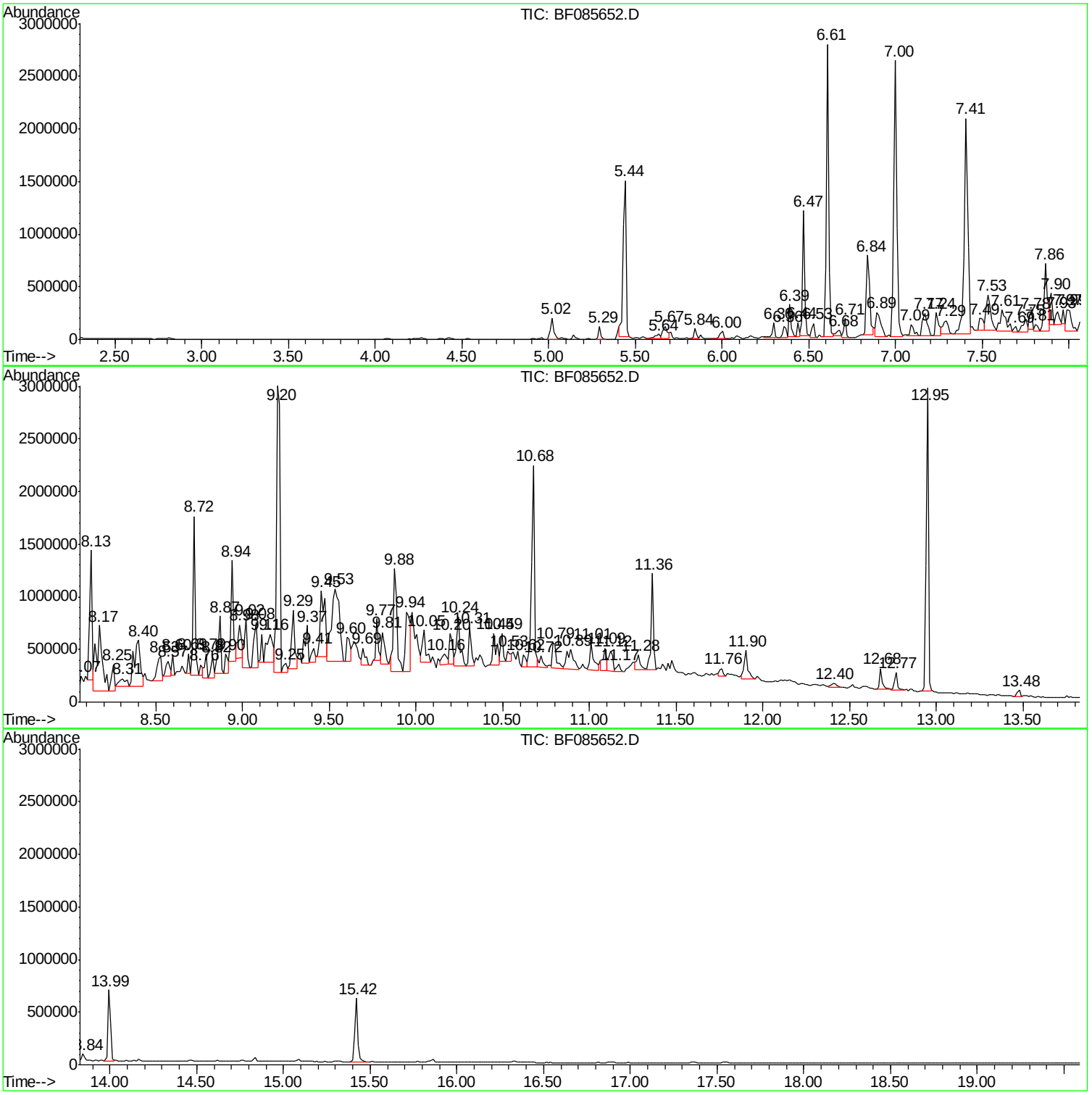
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085652.D
Acq On : 22 Mar 2016 7:35
Operator : UM/SJ
Sample : H1834-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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\BF032116\
Data File : BF085652.D
Acq On : 22 Mar 2016 7:35
Operator : UM/SJ
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

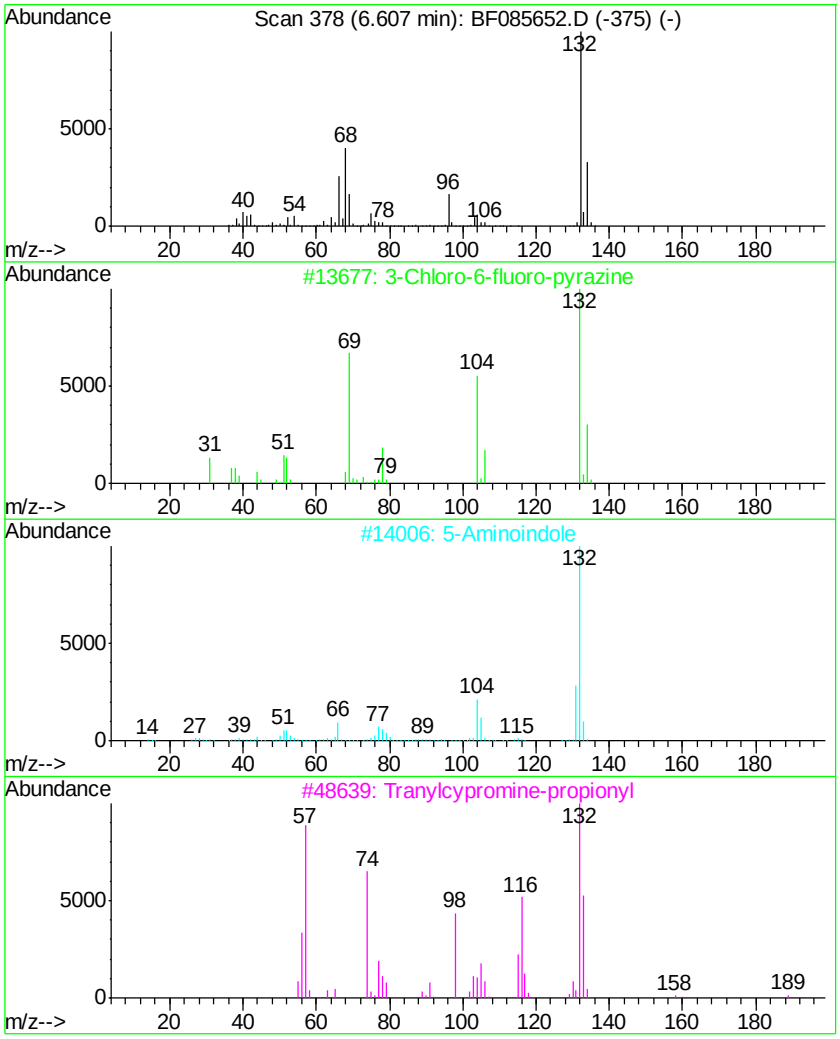
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

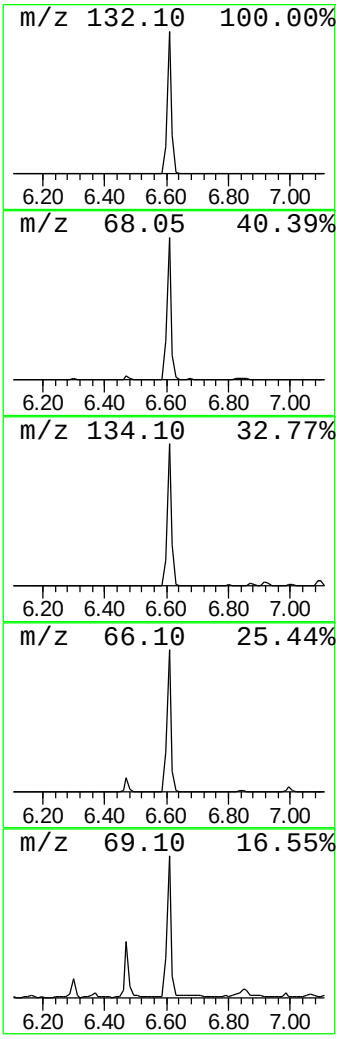
****

Peak Number 1 unknown6.61 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	56.51 ng	2818360	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085652.D
Acq On : 22 Mar 2016 7:35
Operator : UM/SJ
Sample : H1834-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

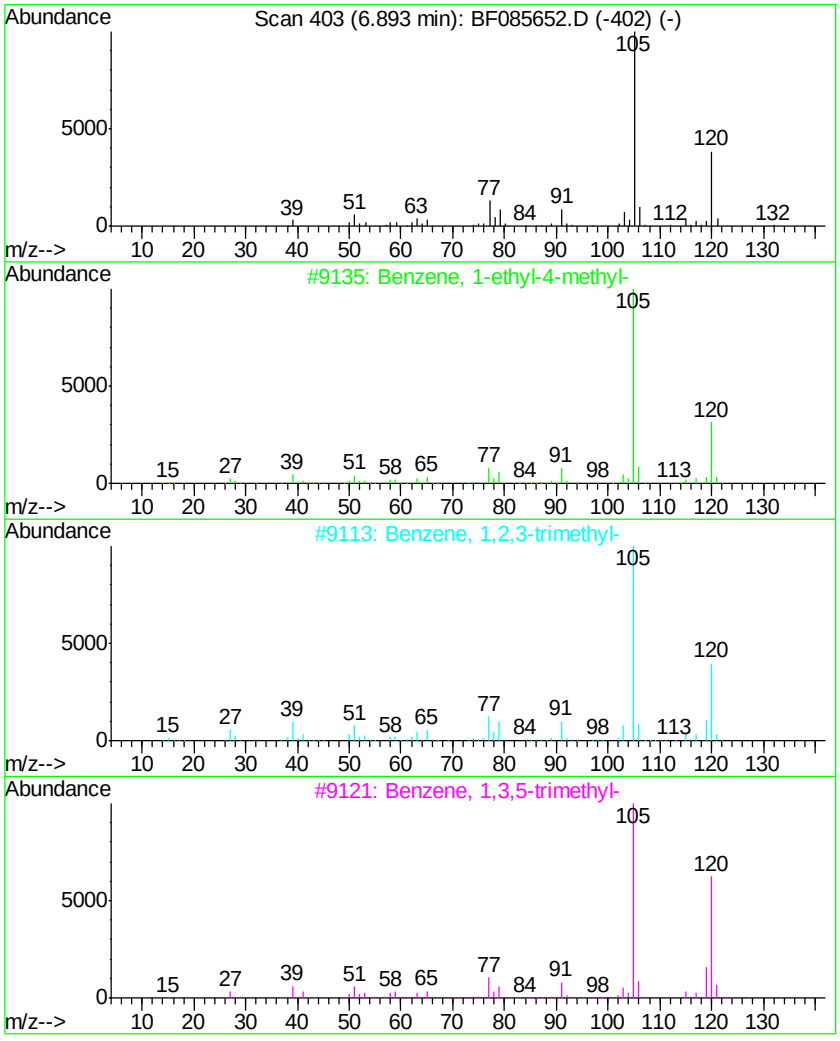
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

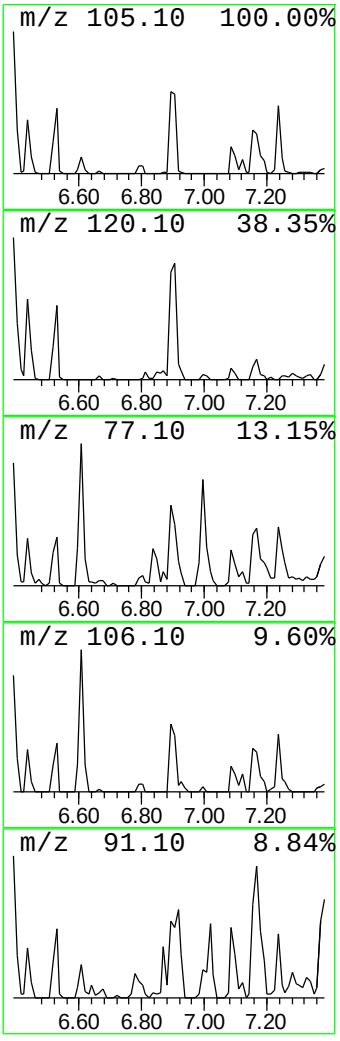
****

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	8.30 ng	414105	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Operator : UM/SJ
Sample : H1834-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

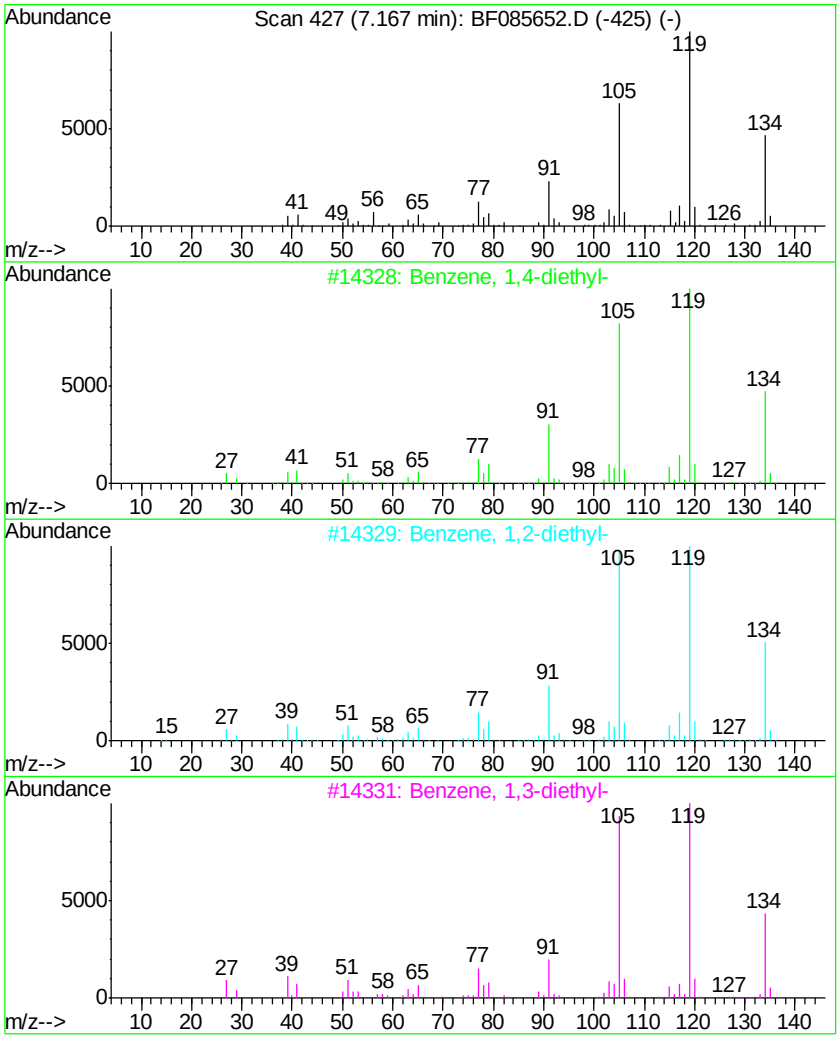
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

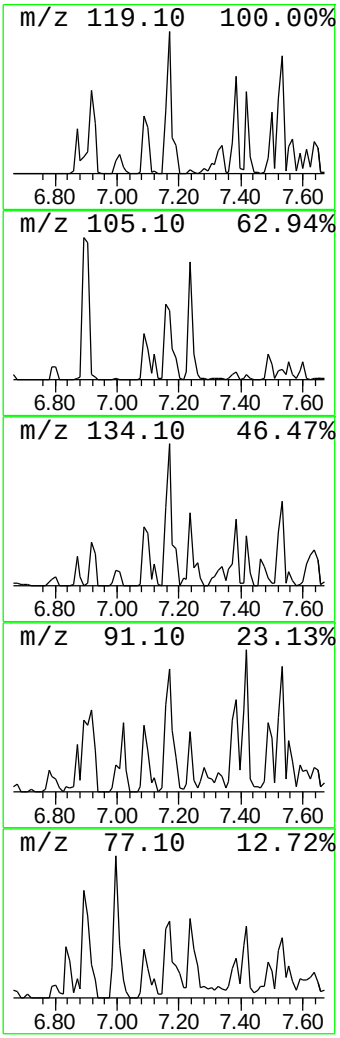
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	7.90 ng	394084	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Acq On : 22 Mar 2016 7:35
Operator : UM/SJ
Sample : H1834-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

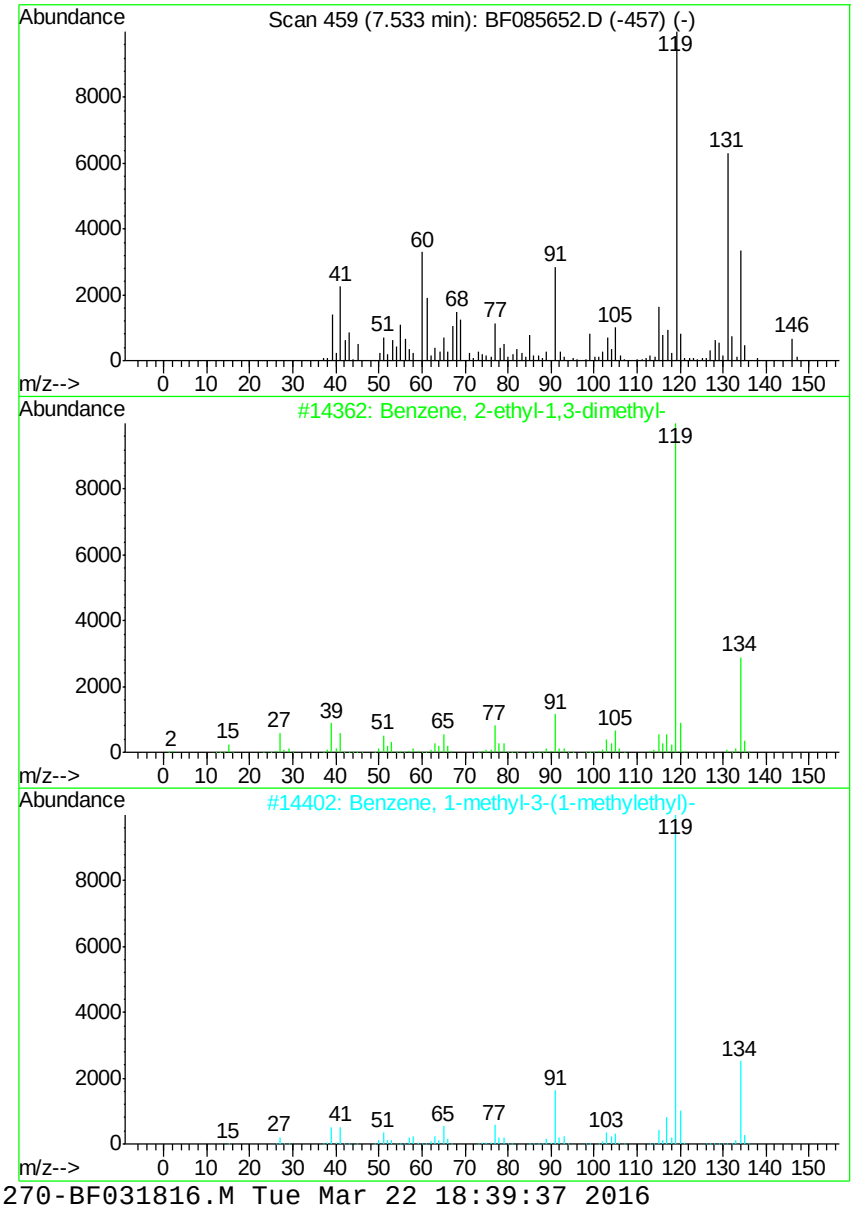
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

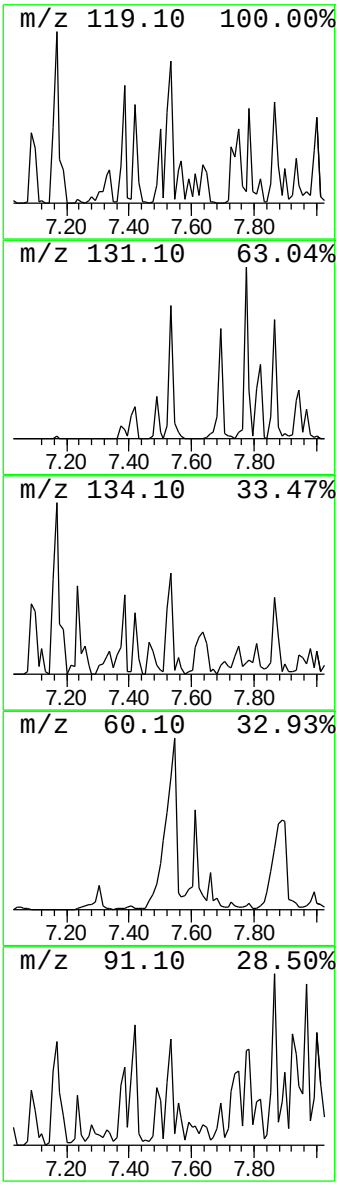
****

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	10.04 ng	643805	Naphthalene-d8	8.13

Hit# of 3	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
3	Benzene, 1-ethyl-3,5-dimethyl-	0		000934-74-7	





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085652.D
Acq On : 22 Mar 2016 7:35
Operator : UM/SJ
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Instrument : BNA_F
ClientSampleId : 15GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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
unknown6.61	6.61	56.5	ng	2818360	1	6.84	997545	20.0
Benzene, 1-ethyl-...	6.89	8.3	ng	414105	1	6.84	997545	20.0
Benzene, 1,4-diet...	7.17	7.9	ng	394084	1	6.84	997545	20.0
Benzene, 2-ethyl-...	7.53	10.0	ng	643805	2	8.13	1282010	20.0