LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078068.D
Acq On : 28 Mar 2015 8:22
Operator : TP/IZ
Sample : G1667-21
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REC-7-1-4(1.5-2.0)

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-BF031115.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	1.218	27	29	32	rBV	182429	199396	29.42%	3.751%
2	1.344	37	40	43	rVB	67014	95458	14.08%	1.796%
3	1.504	51	54	57	rVB	35939	41507	6.12%	0.781%
4	1.744	73	75	88	rVB	48671	106957	15.78%	2.012%
5	4.819	341	344	347	rBV	11338	16195	2.39%	0.305%
6	5.367	390	392	399	rBV	118909	135198	19.95%	2.543%
7	6.659	504	505	514	rBB	83205	123121	18.17%	2.316%
8	6.785	514	516	519	rBV	114554	148585	21.92%	2.795%
9	7.070	539	541	544	rBB	229032	213623	31.52%	4.018%
10	7.253	555	557	560	rBB	127080	139680	20.61%	2.627%
11	7.768	600	602	605	rBV	101624	92388	13.63%	1.738%
12	8.648	677	679	682	rBV	342058	300924	44.40%	5.660%
13	9.996	795	797	799	rBV	332141	290548	42.87%	5.465%
14	10.511	840	842	844	rBV	8101	8859	1.31%	0.167%
15	10.819	867	869	871	rBV	311981	337113	49.74%	6.341%
16	11.791	952	954	957	rBV2	183139	200169	29.53%	3.765%
17	12.648	1027	1029	1031	rBV	345158	369071	54.45%	6.942%
18	13.311	1086	1087	1090	rVB	8504	8330	1.23%	0.157%
19	13.414	1094	1096	1097	rBV	8789	9495	1.40%	0.179%
20	14.157	1158	1161	1163	rBV	86424	111139	16.40%	2.090%
21	14.431	1182	1185	1187	rBV	101620	120465	17.77%	2.266%
22	14.648	1201	1204	1206	rBV	599704	677782	100.00%	12.749%
23	14.717	1206	1210	1213	rVV	4606	8432	1.24%	0.159%
24	14.843	1216	1221	1223	rBV2	7374	16411	2.42%	0.309%
25	14.968	1231	1232	1236	rBV	7519	12329	1.82%	0.232%
26	15.368	1264	1267	1270	rBV2	3387	6924	1.02%	0.130%
27	15.483	1274	1277	1281	rVB	5189	8069	1.19%	0.152%
28	15.654	1290	1292	1295	rBV2	7647	13615	2.01%	0.256%
29	15.837	1304	1308	1313	rBV	25261	56749	8.37%	1.067%
30	15.928	1313	1316	1318	rVV2	375592	515416	76.04%	9.695%
31	15.963	1318	1319	1321	rVV	58225	58012	8.56%	1.091%
32	16.066	1325	1328	1329	rBV	6095	7106	1.05%	0.134%
33	16.443	1358	1361	1363	rBV	10684	14778	2.18%	0.278%
34	16.603	1373	1375	1378	rVB4	3719	6939	1.02%	0.131%

LSC Area Percent Report

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Operator : TP/IZ
Sample : G1667-21
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REC-7-1-4(1.5-2.0)

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-BF031115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.660	1378	1380	1384	rBV3	3170	7930	1.17%	0.149%
36	17.140	1418	1422	1424	rBV2	4614	8228	1.21%	0.155%
37	17.243	1428	1431	1437	rBV	55250	114718	16.93%	2.158%
38	17.369	1439	1442	1444	rVB	9836	13751	2.03%	0.259%
39	17.483	1448	1452	1455	rBV3	2709	9382	1.38%	0.176%
40	17.574	1457	1460	1463	rVB	24746	40168	5.93%	0.756%
41	17.631	1463	1465	1468	rBV	53896	63004	9.30%	1.185%
42	17.700	1468	1471	1477	rBV	351514	456683	67.38%	8.590%
43	18.900	1574	1576	1579	rVB3	5846	10140	1.50%	0.191%
44	19.049	1586	1589	1596	rVB2	22153	44957	6.63%	0.846%
45	19.220	1602	1604	1607	rBV	5101	11587	1.71%	0.218%
46	19.277	1607	1609	1612	rVB3	5531	11539	1.70%	0.217%
47	19.437	1620	1623	1629	rVB	20984	42202	6.23%	0.794%
48	19.654	1639	1642	1644	rBV3	5596	11398	1.68%	0.214%

Sum of corrected areas: 5316470

LSC Report - Integrated Chromatogram

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Data File : BF078068.D
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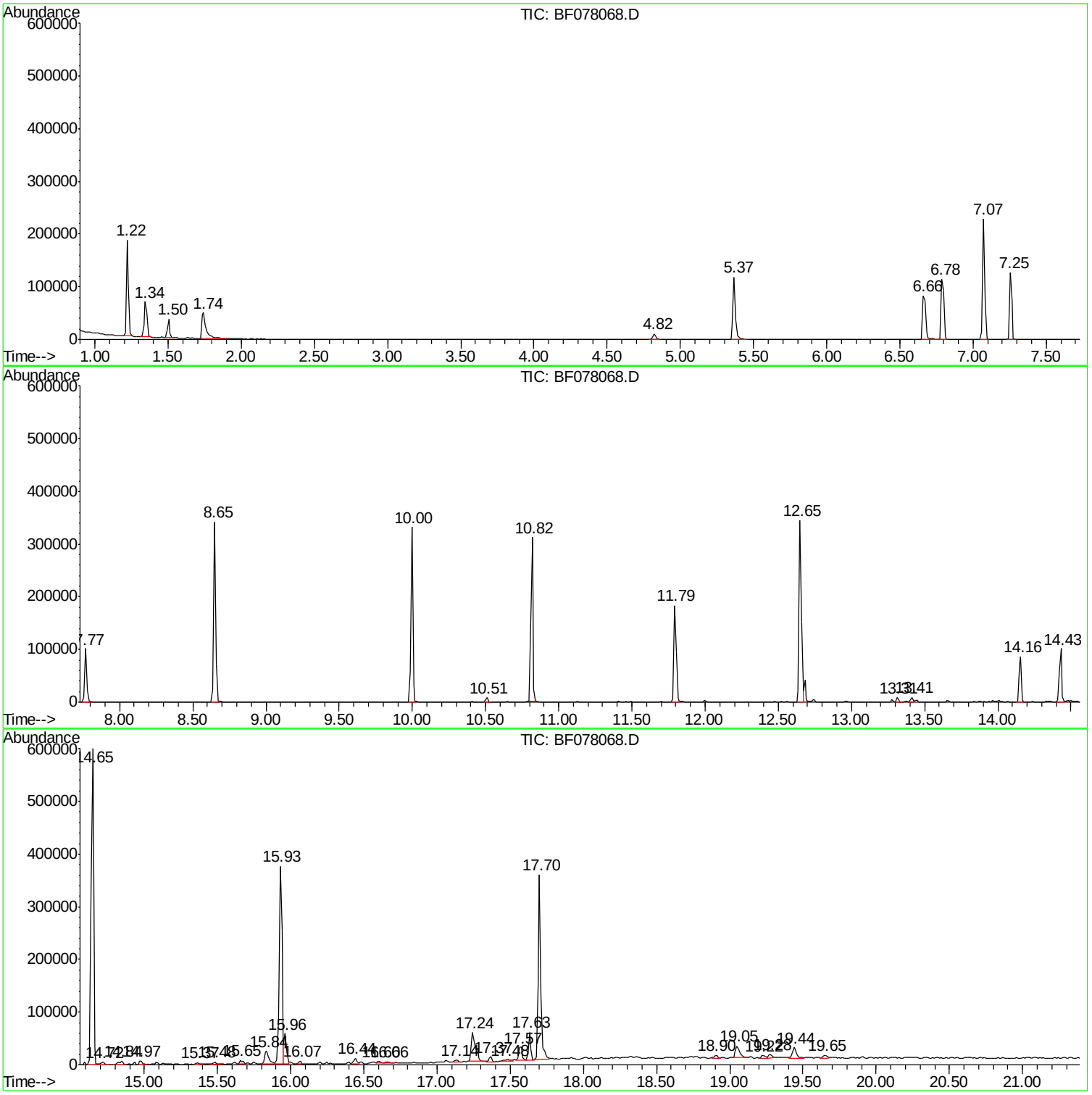
Operator : TP/IZ
Sample : G1667-21
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REC-7-1-4(1.5-2.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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\BF032715\
Data File : BF078068.D
Acq On : 28 Mar 2015 8:22
Operator : TP/IZ
Sample : G1667-21
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REC-7-1-4(1.5-2.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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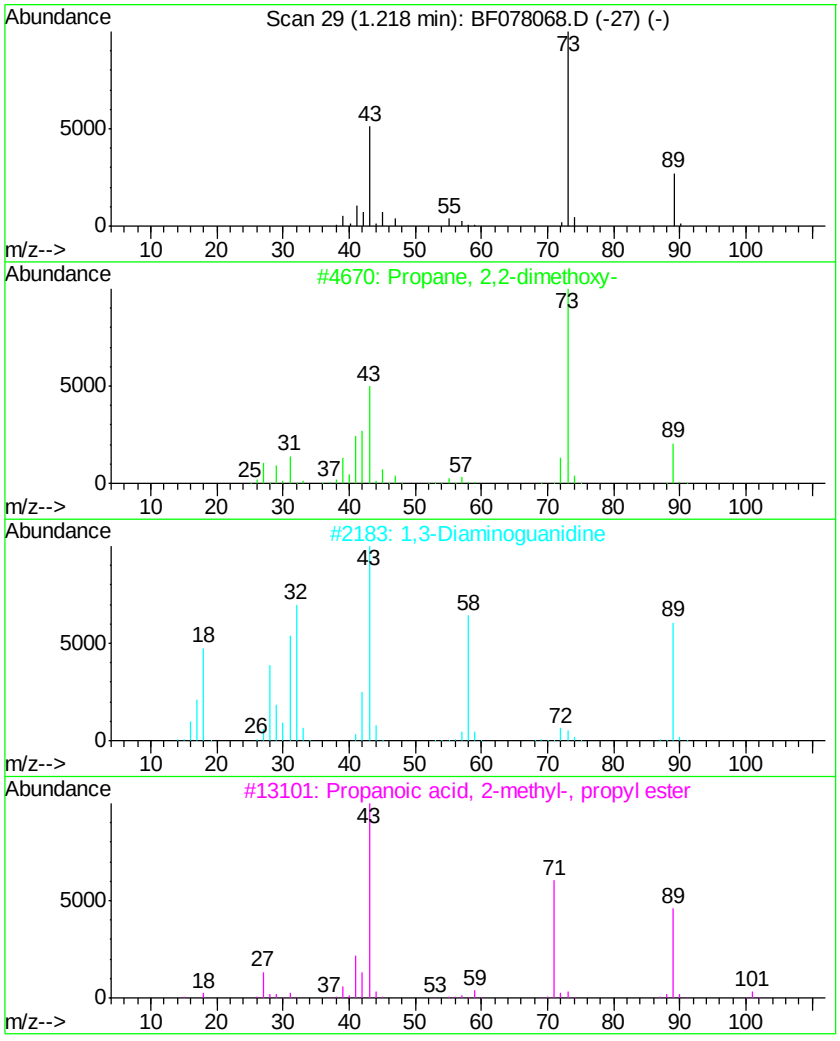
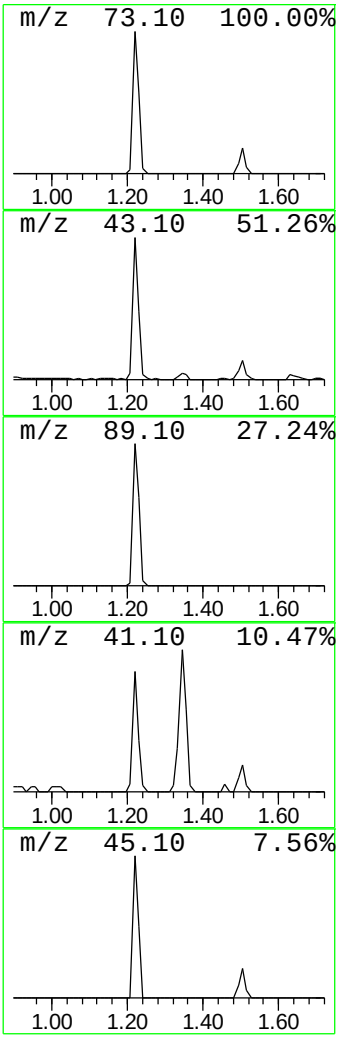
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	18.67 ng	199396	1,4-Dichlorobenzene-d4	7.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078068.D
Acq On : 28 Mar 2015 8:22
Operator : TP/IZ
Sample : G1667-21
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REC-7-1-4(1.5-2.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

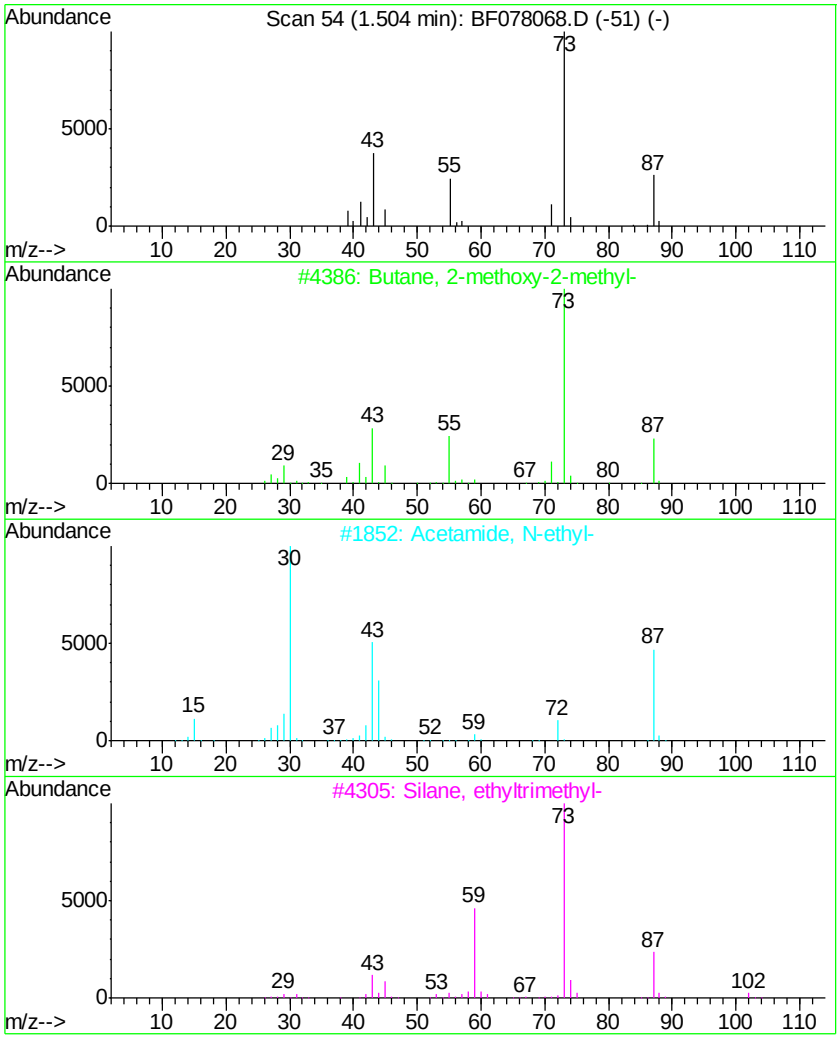
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

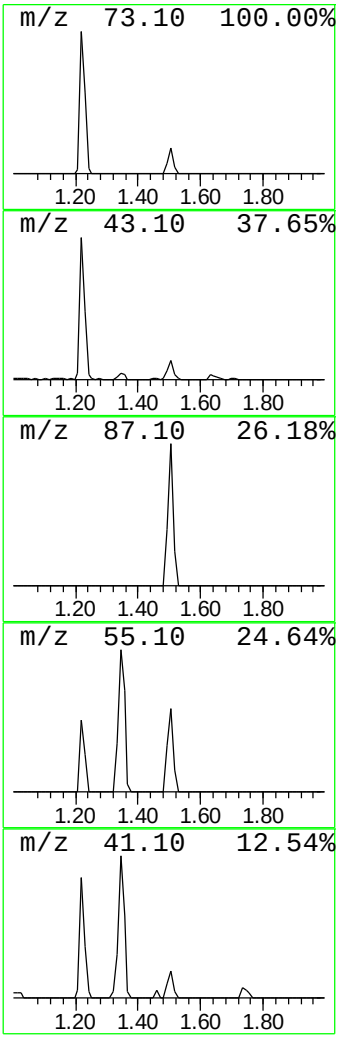
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	3.89 ng	41507	1,4-Dichlorobenzene-d4	7.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078068.D
Acq On : 28 Mar 2015 8:22
Operator : TP/IZ
Sample : G1667-21
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REC-7-1-4(1.5-2.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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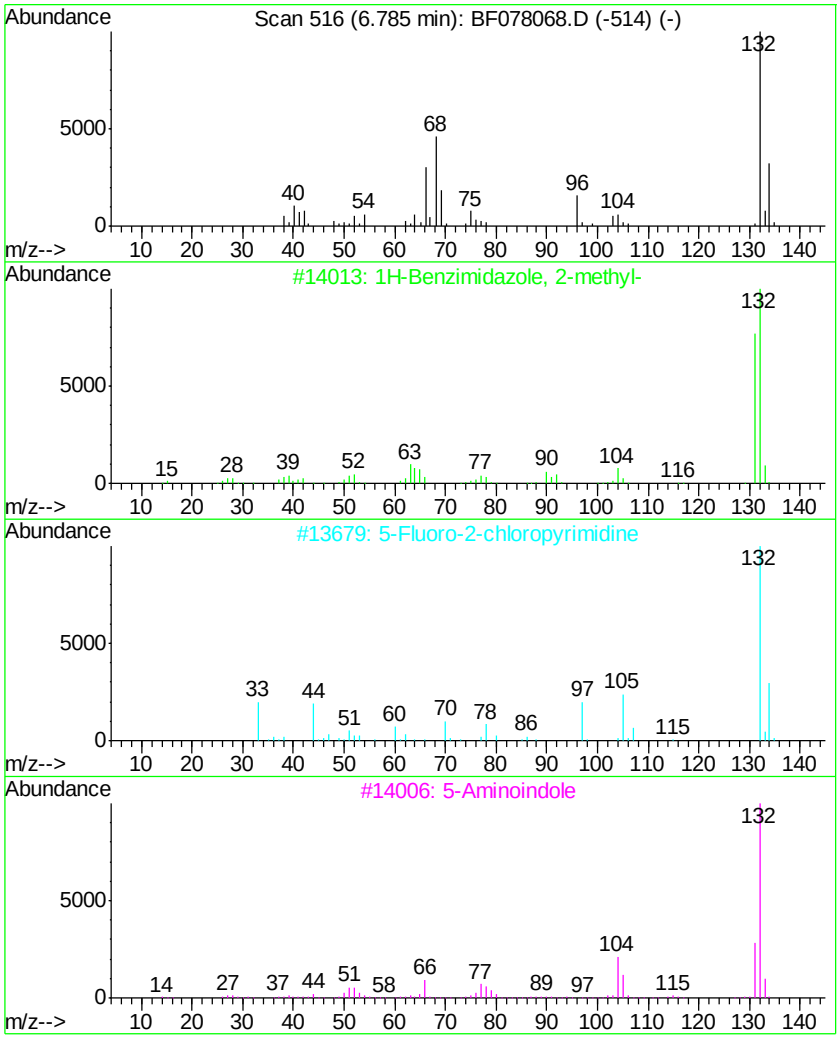
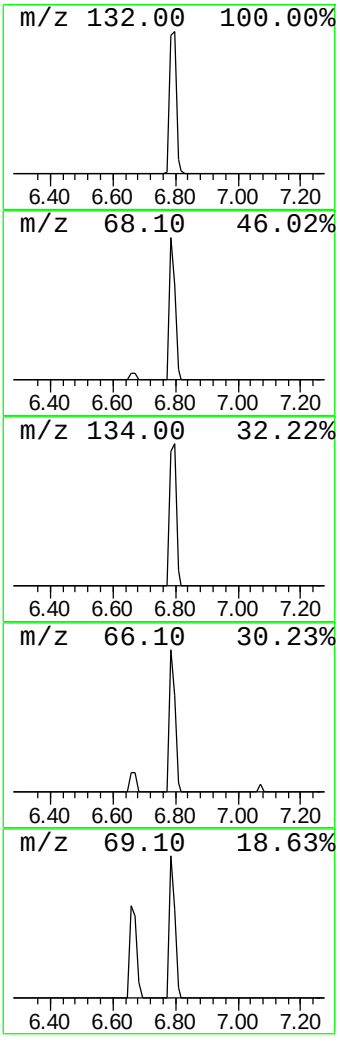
Peak Number 5 unknown6.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	13.91 ng	148585	1,4-Dichlorobenzene-d4	7.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
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Operator : TP/IZ
Sample : G1667-21
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REC-7-1-4(1.5-2.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

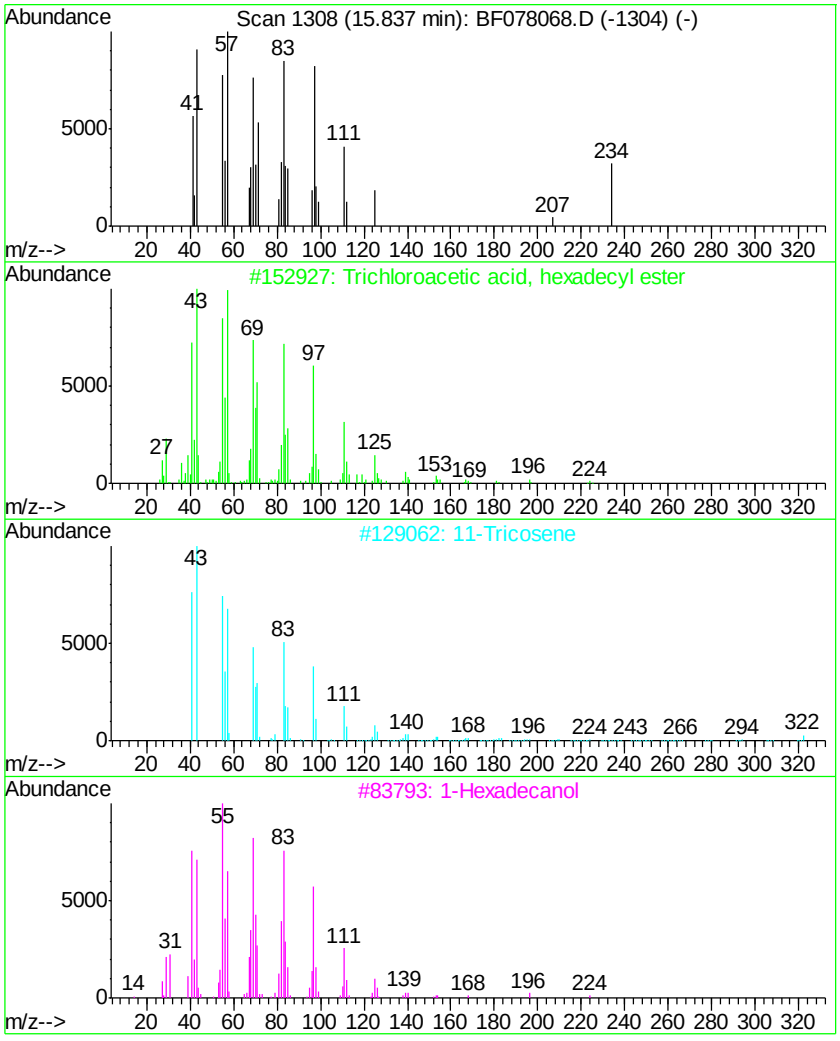
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

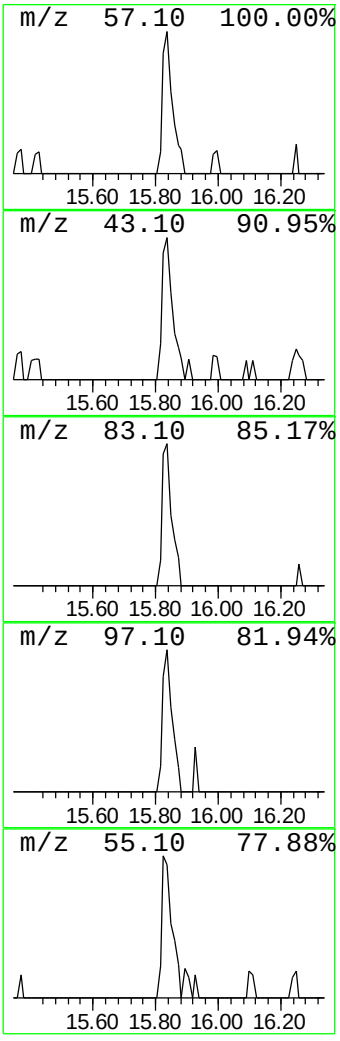
****

Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.20 ng	56749	Chrysene-d12	15.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	11-Tricosene	322	C23H46	052078-56-5	87
3	1-Hexadecanol	242	C16H34O	036653-82-4	83
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83
5	Isotridecanol-	200	C13H28O	027458-92-0	80





Tentatively Identified Compound (LSC) summary

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Acq On : 28 Mar 2015 8:22
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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
Propane, 2,2-dime...	1.22	18.7	ng	199396	1	7.07	213623	20.0
Butane, 2-methoxy...	1.50	3.9	ng	41507	1	7.07	213623	20.0
unknown6.78	6.78	13.9	ng	148585	1	7.07	213623	20.0
Trichloroacetic a...	15.84	2.2	ng	56749	5	15.93	515416	20.0