LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021001.D
Acq On : 20 Feb 2016 10:00
Operator : SJ/UM
Sample : H1520-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40055+15(0-2)

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_G\METHODS\8270-BG021116.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	3.236	64	68	77	rBV	22394	42221	3.29%	0.460%
2	4.370	256	261	269	rVB	20884	31382	2.45%	0.342%
3	4.699	311	317	328	rVB	20654	29930	2.33%	0.326%
4	5.316	416	422	431	rBV	120762	180991	14.12%	1.974%
5	5.792	496	503	515	rBV	337653	538719	42.02%	5.875%
6	7.407	770	778	787	rBV	373618	630232	49.16%	6.873%
7	7.789	835	843	851	rBV	391212	651736	50.84%	7.107%
8	8.259	917	923	929	rBV	58174	94249	7.35%	1.028%
9	8.588	971	979	987	rVB	235277	399375	31.15%	4.355%
10	9.428	1114	1122	1131	rBV	219904	394335	30.76%	4.300%
11	9.522	1133	1138	1145	rBV2	8645	14230	1.11%	0.155%
12	11.085	1396	1404	1411	rBV	101997	174187	13.59%	1.899%
13	13.499	1808	1815	1824	rBV	605467	899320	70.15%	9.807%
14	14.310	1945	1953	1960	rBV	141542	208248	16.24%	2.271%
15	14.739	2020	2026	2033	rBV	15424	19443	1.52%	0.212%
16	14.874	2043	2049	2055	rBV2	182998	294806	23.00%	3.215%
17	14.938	2055	2060	2064	rVB2	10813	16388	1.28%	0.179%
18	15.684	2183	2187	2191	rVB	23753	28952	2.26%	0.316%
19	15.913	2219	2226	2231	rVB2	9027	14951	1.17%	0.163%
20	16.084	2248	2255	2260	rBV4	6487	14297	1.12%	0.156%
21	16.354	2294	2301	2315	rVB3	528060	799967	62.40%	8.724%
22	16.542	2328	2333	2344	rBV2	34257	56194	4.38%	0.613%
23	17.329	2462	2467	2471	rBV	16692	22016	1.72%	0.240%
24	17.605	2507	2514	2518	rBV2	215785	329723	25.72%	3.596%
25	17.646	2518	2521	2528	rVV	87511	129583	10.11%	1.413%
26	17.740	2532	2537	2544	rVB	20145	29974	2.34%	0.327%
27	18.528	2666	2671	2676	rVB	8934	13390	1.04%	0.146%
28	18.674	2690	2696	2700	rBV3	14275	24233	1.89%	0.264%
29	19.638	2854	2860	2868	rBV	140447	197577	15.41%	2.155%
30	19.967	2907	2916	2918	rBV2	22481	37418	2.92%	0.408%
31	19.996	2918	2921	2929	rVB	105528	154446	12.05%	1.684%
32	20.190	2946	2954	2959	rBV	987724	1281949	100.00%	13.980%
33	20.484	2992	3004	3009	rBV	18488	38944	3.04%	0.425%
34	20.584	3016	3021	3024	rBV	15966	22971	1.79%	0.250%

LSC Area Percent Report

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Operator : SJ/UM
Sample : H1520-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40055+15(0-2)

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_G\METHODS\8270-BG021116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.488	3171	3175	3181	rBV2	25232	40130	3.13%	0.438%
36	21.882	3233	3242	3248	rBV2	236389	486283	37.93%	5.303%
37	21.935	3248	3251	3257	rVB	38406	57272	4.47%	0.625%
38	22.093	3273	3278	3284	rVB	11239	19627	1.53%	0.214%
39	22.311	3310	3315	3321	rVB2	7584	13267	1.03%	0.145%
40	24.173	3623	3632	3641	rBV2	30483	110350	8.61%	1.203%
41	24.249	3641	3645	3654	rVB3	23968	55186	4.30%	0.602%
42	24.449	3674	3679	3687	rVB4	6682	14805	1.15%	0.161%
43	24.937	3754	3762	3773	rVB2	17524	51514	4.02%	0.562%
44	25.089	3780	3788	3803	rVB	28842	80742	6.30%	0.880%
45	25.254	3806	3816	3825	rBV2	121259	349669	27.28%	3.813%
46	25.330	3825	3829	3836	rVB4	7531	18109	1.41%	0.197%
47	26.446	4012	4019	4031	rVB8	9323	30902	2.41%	0.337%
48	29.101	4460	4471	4472	rBV3	10098	25928	2.02%	0.283%

Sum of corrected areas: 9170161

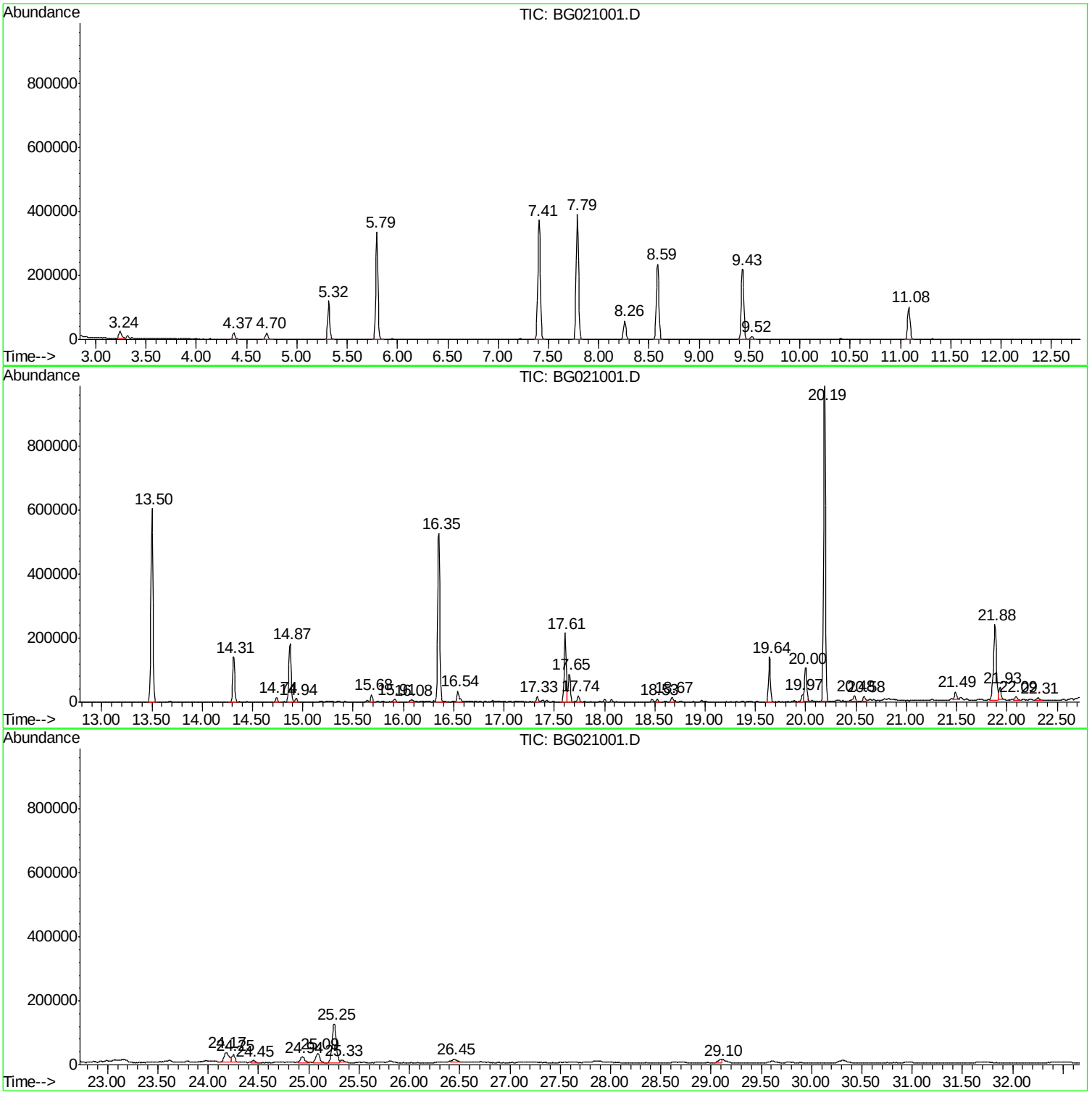
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021001.D
Acq On : 20 Feb 2016 10:00
Operator : SJ/UM
Sample : H1520-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40055+15(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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 G\DATA\BG021916\
Data File : BG021001.D
Acq On : 20 Feb 2016 10:00
Operator : SJ/UM
Sample : H1520-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40055+15(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

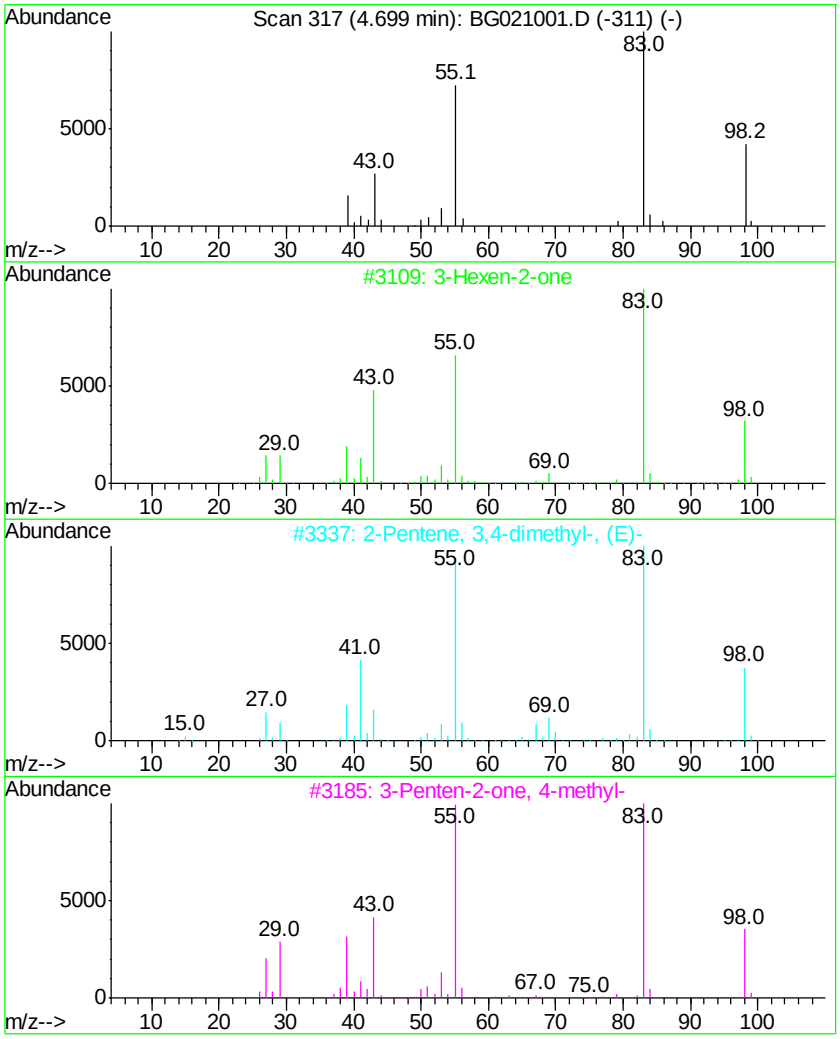
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

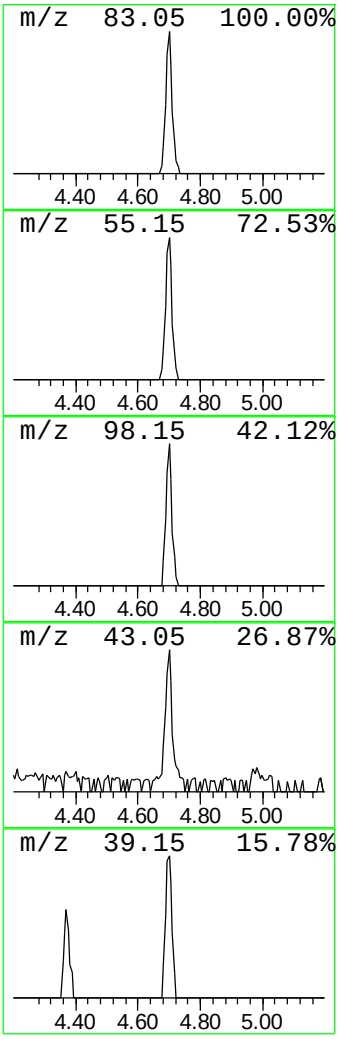
****

Peak Number 3 3-Hexen-2-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	6.35 ng	29930	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	90
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021001.D
Acq On : 20 Feb 2016 10:00
Operator : SJ/UM
Sample : H1520-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40055+15(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

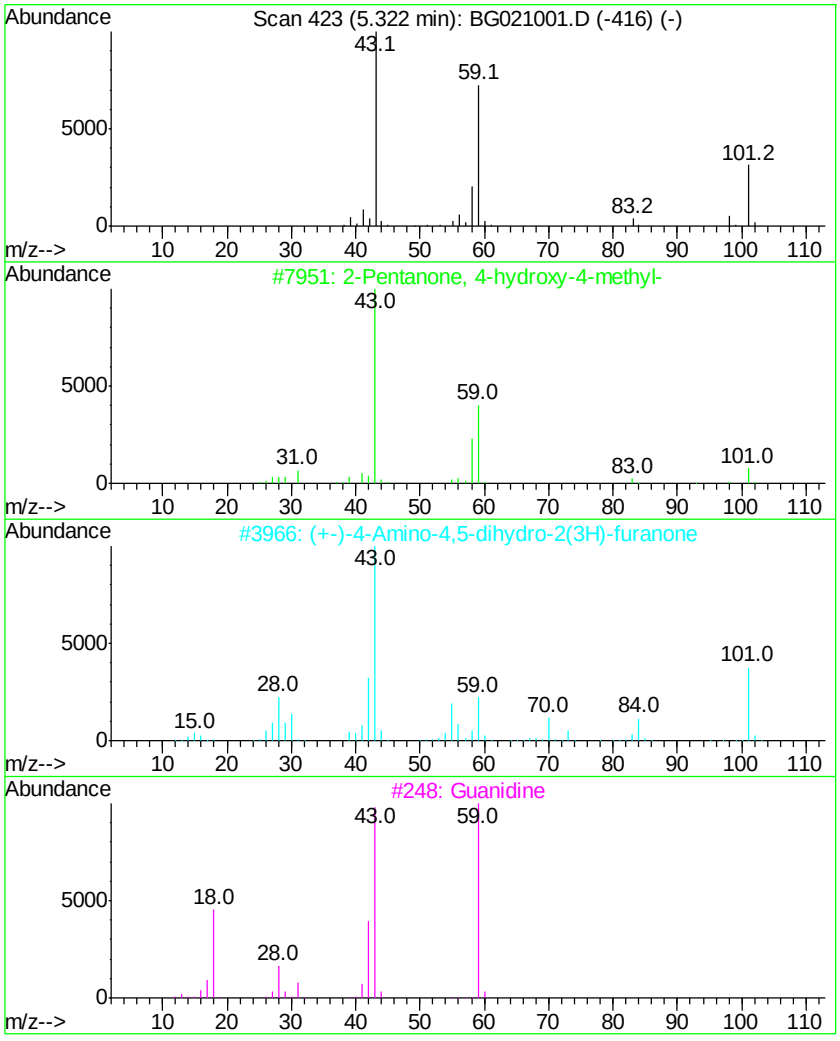
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

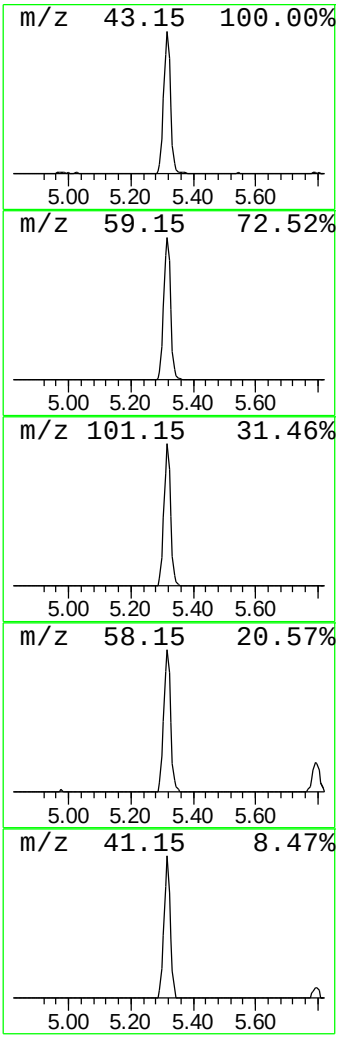
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	38.41 ng	180991	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Guanidine	59	CH5N3	000113-00-8	38
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	23
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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Acq On : 20 Feb 2016 10:00
Operator : SJ/UM
Sample : H1520-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40055+15(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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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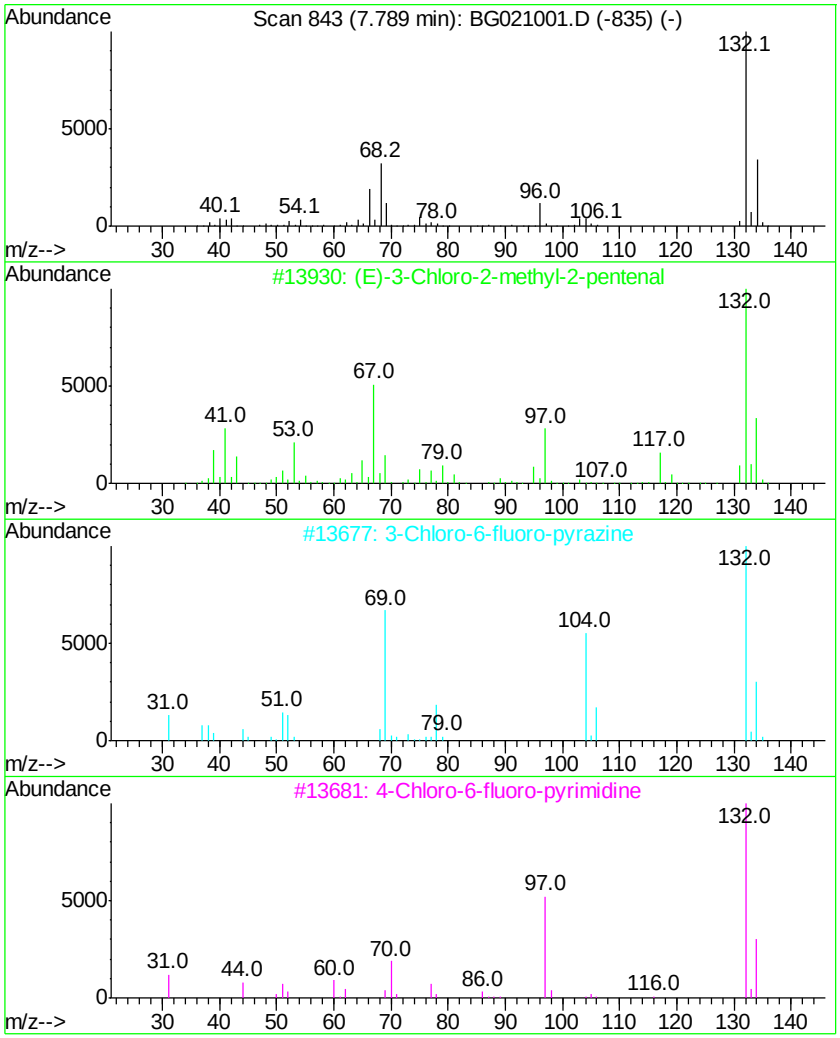
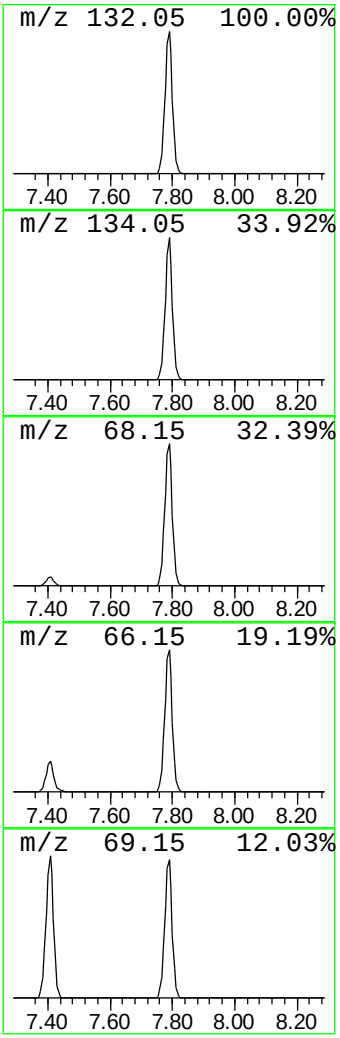
Peak Number 5 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	138.30 ng	651736	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : SJ/UM
Sample : H1520-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40055+15(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

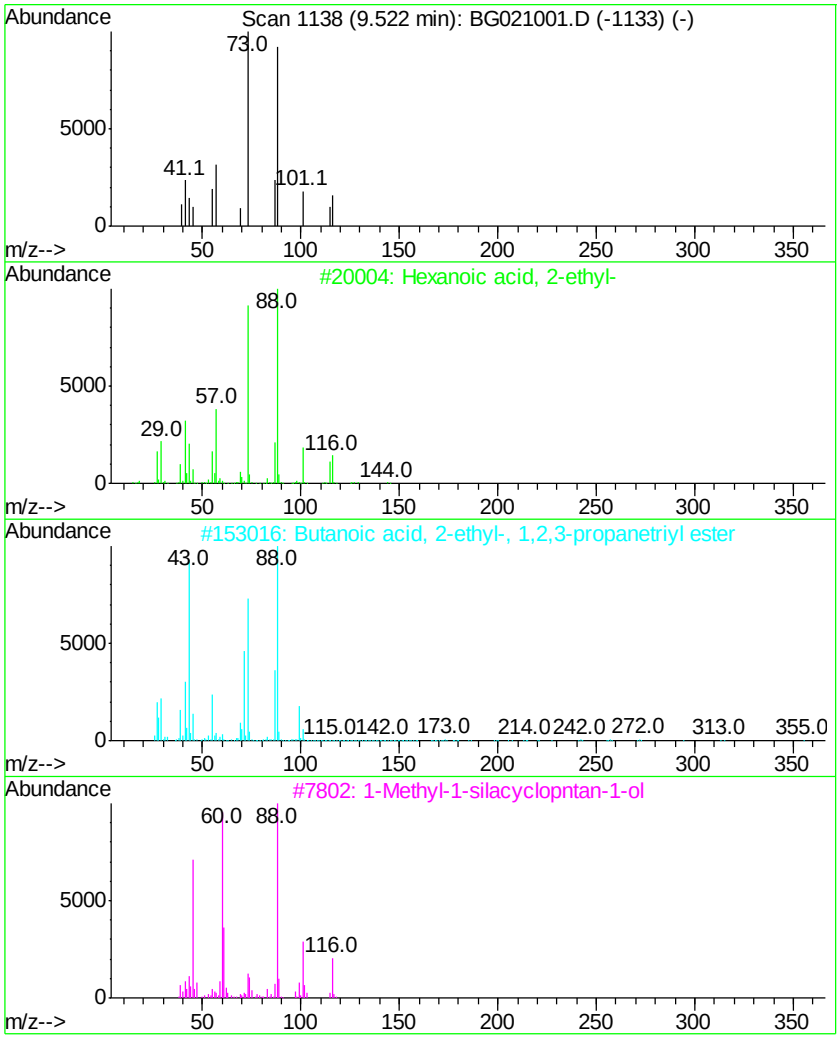
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

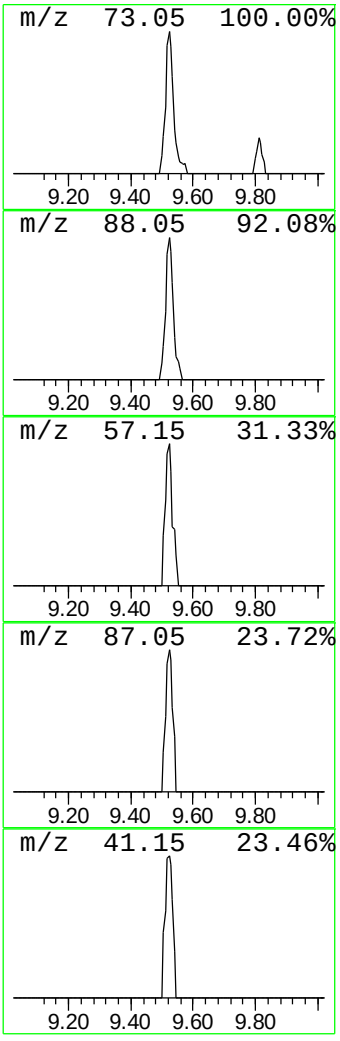
****

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	3.02 ng	14230	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	39
3	1-Methyl-1-silacyclopntan-1-ol	116	C5H12OSi	1000216-84-4	9
4	5-(Methylamino)-1,2,3,4-thiatria...	116	C2H4N4S	052098-72-3	7
5	1,4-Dioxane	88	C4H8O2	000123-91-1	7





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Acq On : 20 Feb 2016 10:00
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Sample : H1520-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40055+15(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

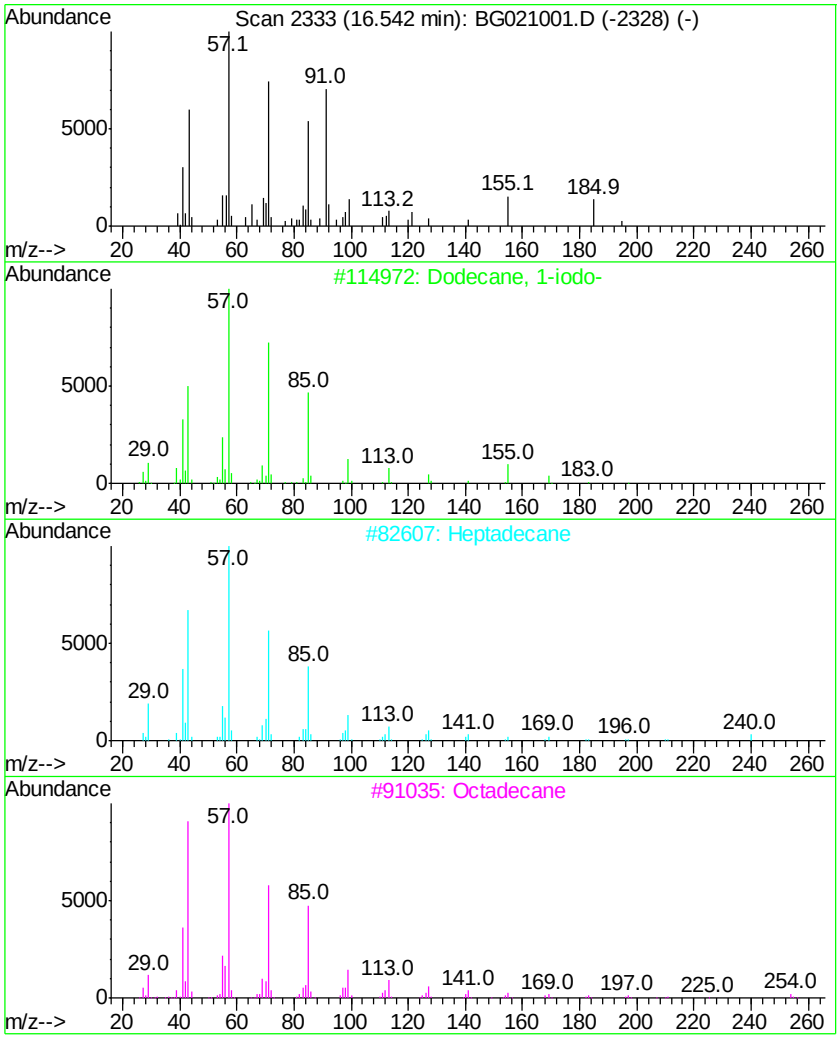
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

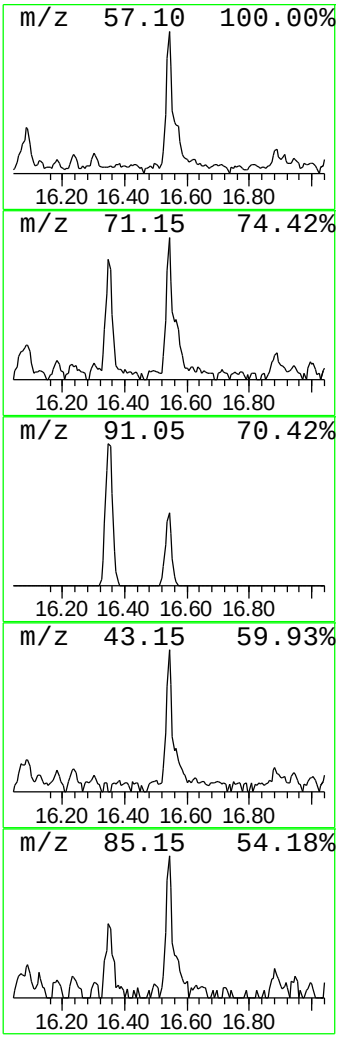
****

Peak Number 8 Dodecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	3.41 ng	56194	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
2	Heptadecane	240	C17H36	000629-78-7	72
3	Octadecane	254	C18H38	000593-45-3	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Nonadecane	268	C19H40	000629-92-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
Data File : BG021001.D
Acq On : 20 Feb 2016 10:00
Operator : SJ/UM
Sample : H1520-03
Misc :
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Instrument : BNA_G
ClientSampleId : 40055+15(0-2)

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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
3-Hexen-2-one	4.70	6.3	ng	29930	1	8.26	94249	20.0
2-Pentanone, 4-hy...	5.32	38.4	ng	180991	1	8.26	94249	20.0
unknown7.79	7.79	138.3	ng	651736	1	8.26	94249	20.0
Hexanoic acid, 2-...	9.52	3.0	ng	14230	1	8.26	94249	20.0
Dodecane, 1-iodo-	16.54	3.4	ng	56194	4	17.61	329723	20.0