LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
Data File : BG021091.D
Acq On : 26 Feb 2016 23:26
Operator : UM/SJ
Sample : H1558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6

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-BG022616.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	3.090	38	43	63	rVB	230898	333367	48.46%	10.580%
2	3.231	63	67	77	rVB2	8463	17105	2.49%	0.543%
3	5.264	407	413	418	rBV	23716	35029	5.09%	1.112%
4	5.723	485	491	499	rBB	118212	184818	26.86%	5.865%
5	7.315	755	762	770	rBB	126161	211375	30.72%	6.708%
6	7.703	821	828	834	rBB	122641	205653	29.89%	6.527%
7	8.173	902	908	914	rBB	20294	31878	4.63%	1.012%
8	8.496	956	963	970	rBB	86677	140977	20.49%	4.474%
9	9.336	1099	1106	1113	rBB	75823	130532	18.97%	4.143%
10	10.981	1379	1386	1393	rBB	27767	47124	6.85%	1.496%
11	13.408	1792	1799	1805	rBB	218576	325239	47.28%	10.322%
12	14.224	1932	1938	1943	rBB	30755	42103	6.12%	1.336%
13	14.777	2026	2032	2038	rBB2	46422	70496	10.25%	2.237%
14	15.605	2169	2173	2177	rBB	7648	9037	1.31%	0.287%
15	16.257	2276	2284	2290	rBB	210695	297763	43.28%	9.450%
16	16.463	2316	2319	2323	rBV2	7592	10807	1.57%	0.343%
17	17.515	2492	2498	2505	rVB	66777	98216	14.28%	3.117%
18	18.378	2642	2645	2651	rBV2	6557	8113	1.18%	0.257%
19	20.106	2933	2939	2944	rBV	558776	687968	100.00%	21.833%
20	21.404	3156	3160	3165	rVB2	13443	18039	2.62%	0.572%
21	21.780	3217	3224	3230	rVB	78254	129964	18.89%	4.125%
22	25.065	3773	3783	3794	rVB2	41073	115374	16.77%	3.662%

Sum of corrected areas: 3150977

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
Data File : BG021091.D
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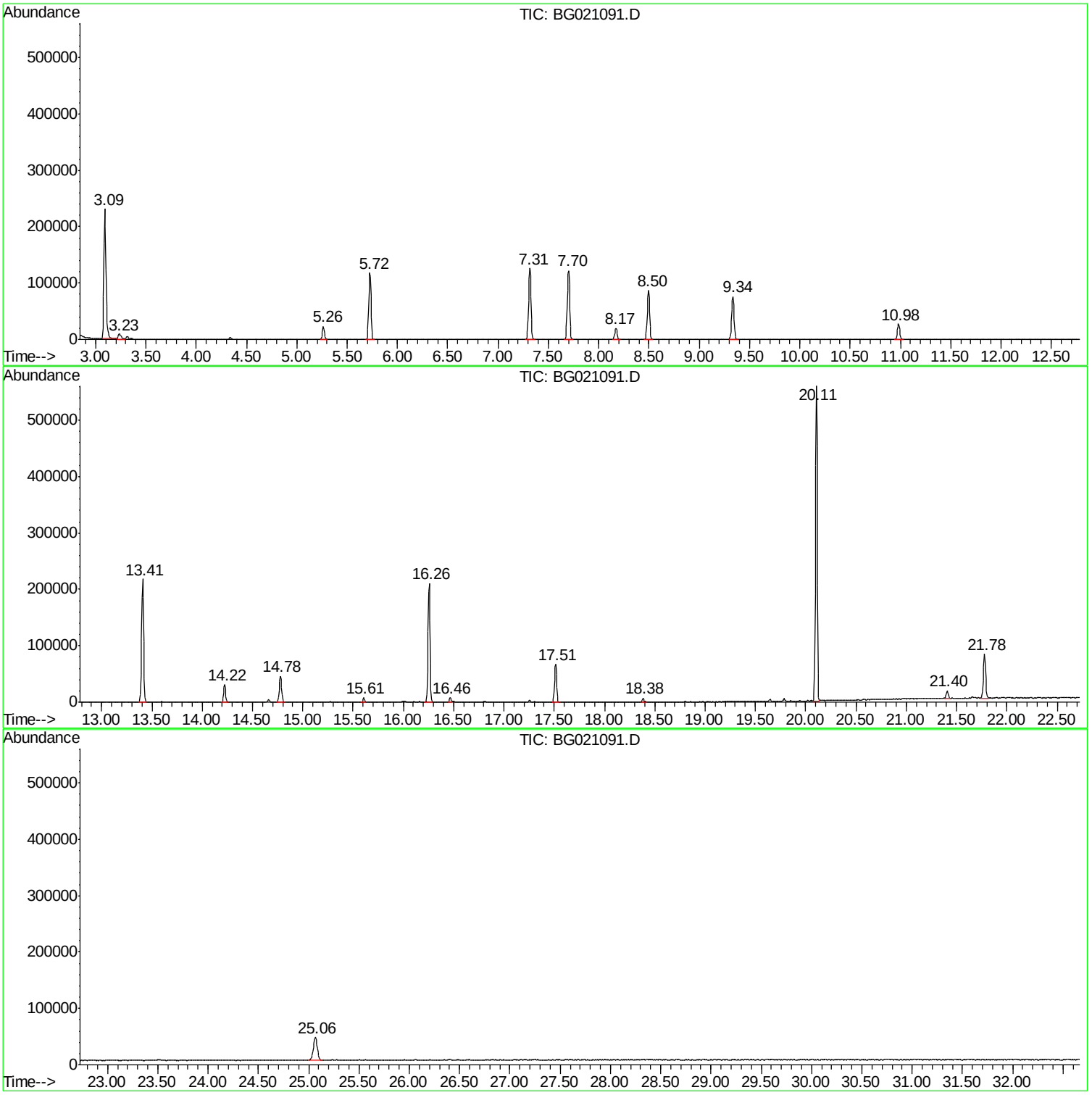
Sample : H1558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
Data File : BG021091.D
Acq On : 26 Feb 2016 23:26
Operator : UM/SJ
Sample : H1558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

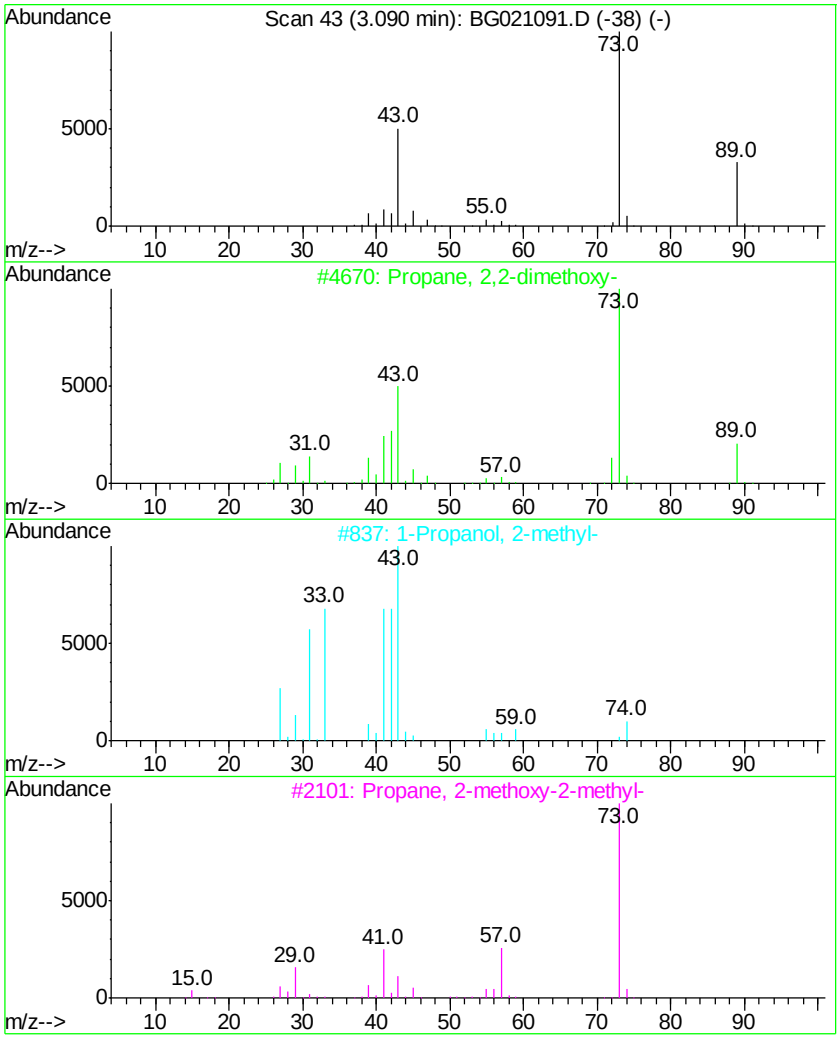
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

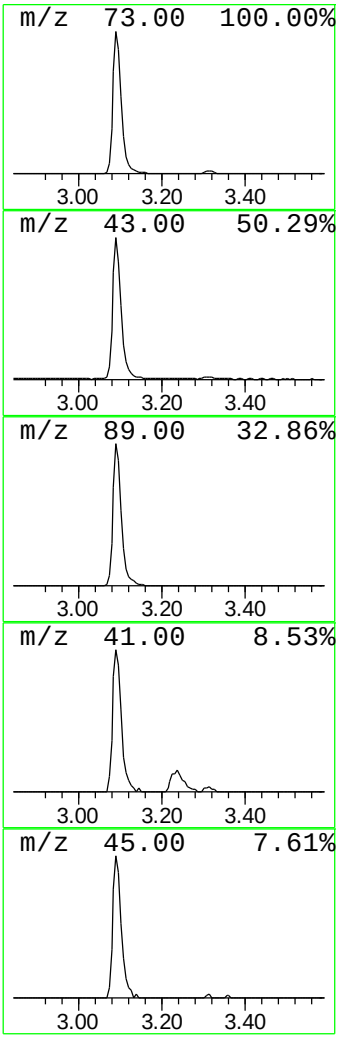
****

Peak Number 1 unknown3.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	209.15 ng	333367	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
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Operator : UM/SJ
Sample : H1558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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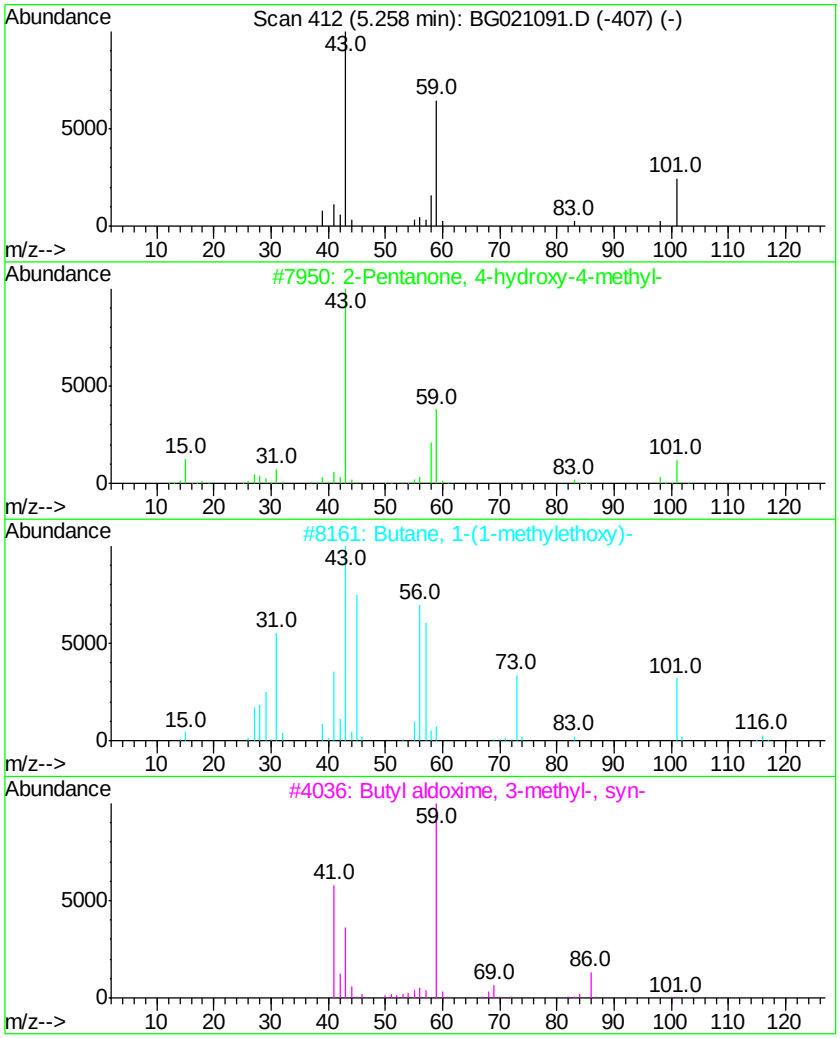
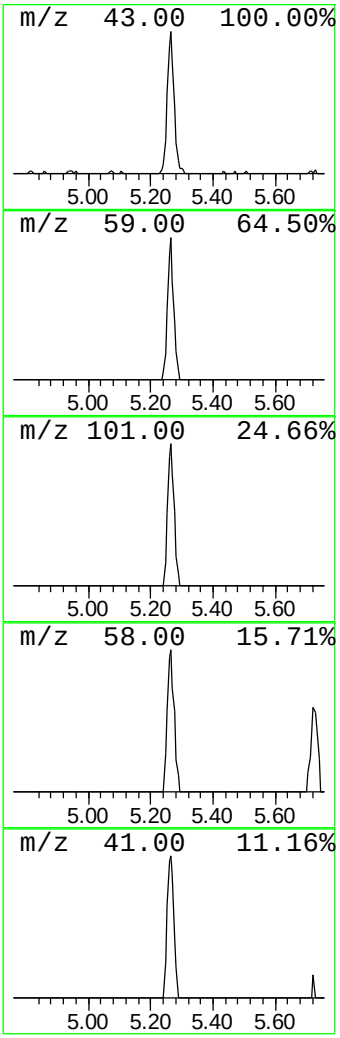
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	21.98 ng	35029	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	37
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
Data File : BG021091.D
Acq On : 26 Feb 2016 23:26
Operator : UM/SJ
Sample : H1558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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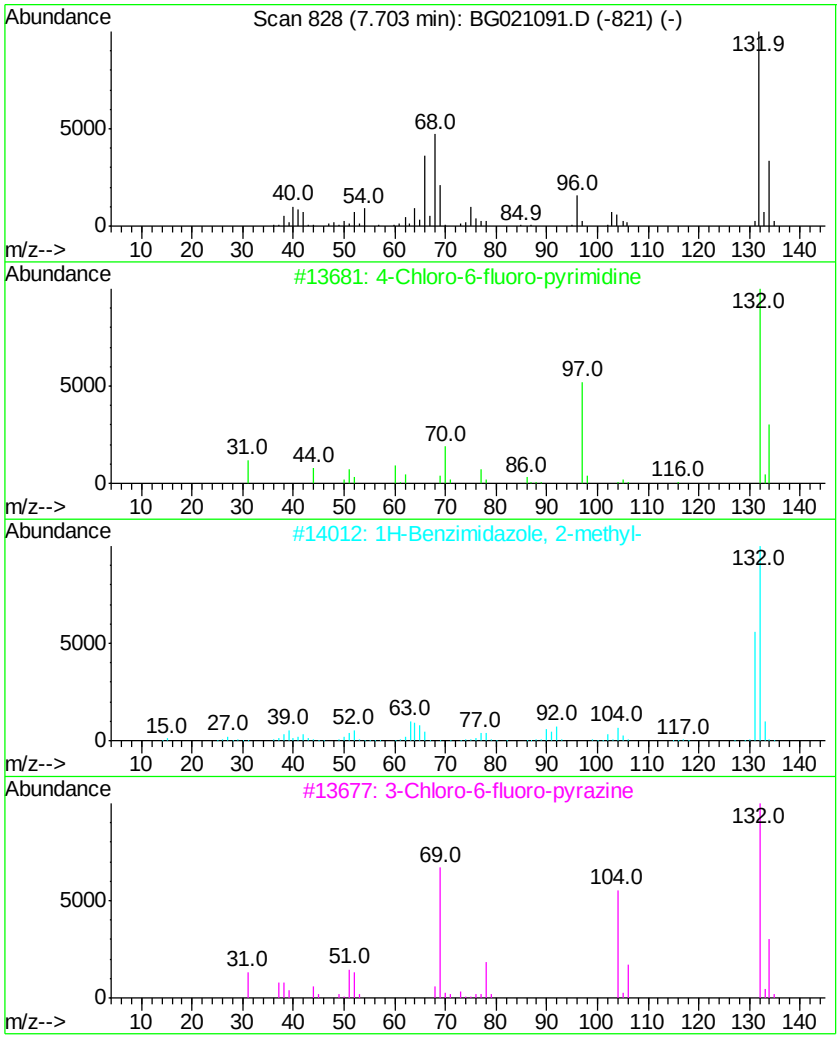
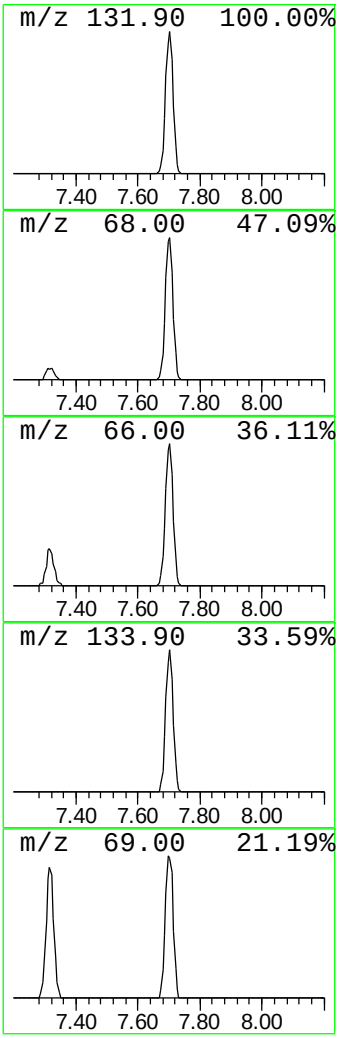
Peak Number 4 unknown7.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	129.03 ng	205653	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
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Operator : UM/SJ
Sample : H1558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

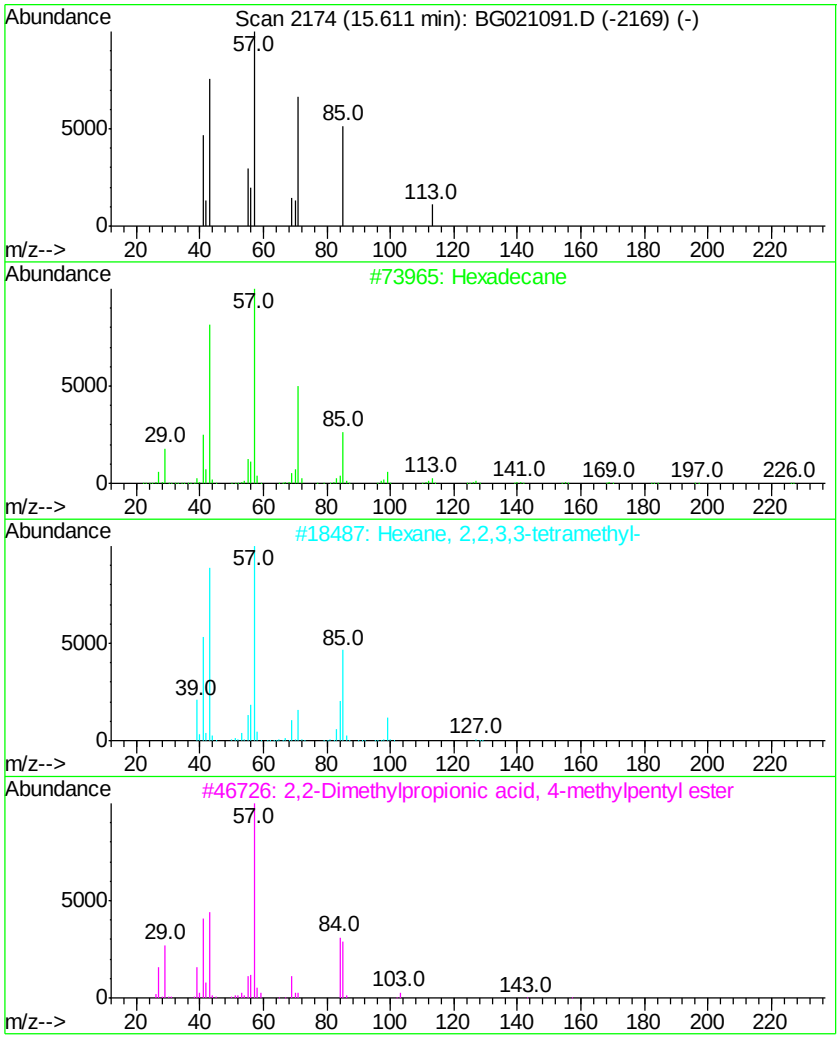
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

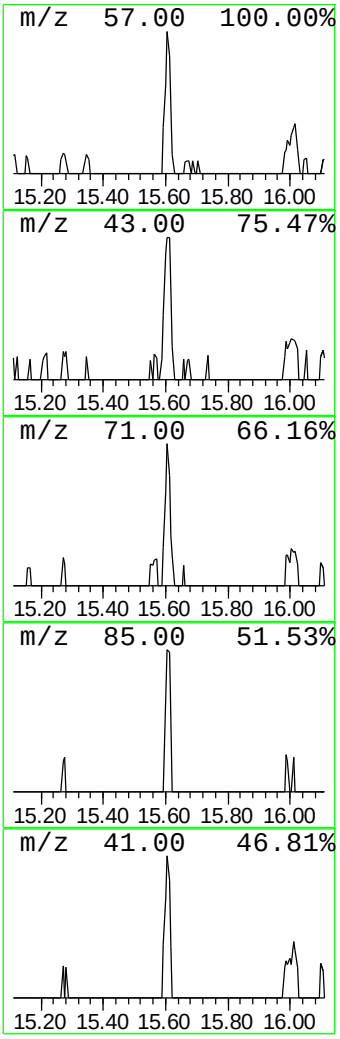
****

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.56 ng	9037	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	40
3	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	38
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	36
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
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Acq On : 26 Feb 2016 23:26
Operator : UM/SJ
Sample : H1558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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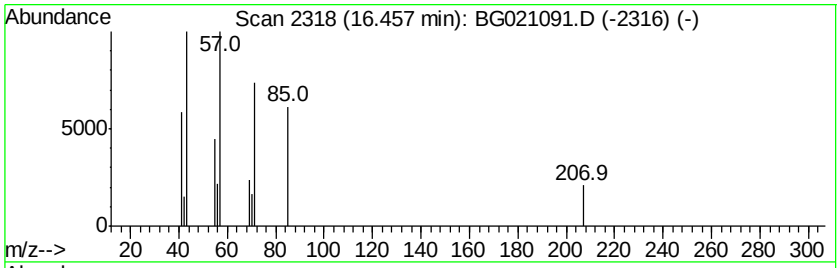
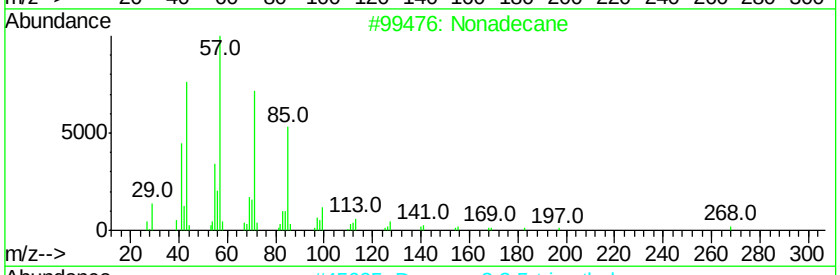
****

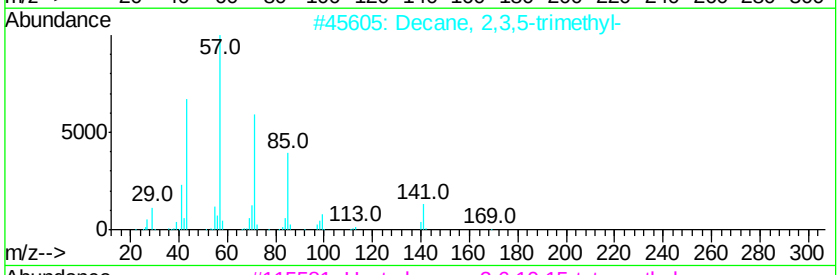
Peak Number 7 Nonadecane Concentration Rank 8

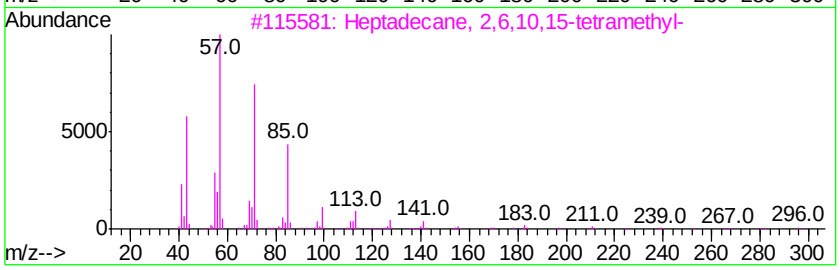
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.20 ng	10807	Phenanthrene-d10	17.51

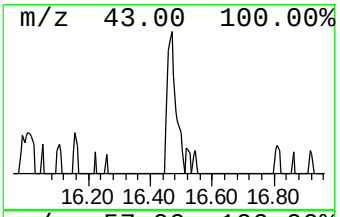
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4	Tetradecane	198	C14H30	000629-59-4	78
5	Hexadecane	226	C16H34	000544-76-3	78

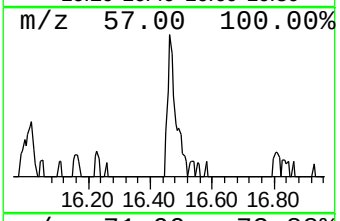


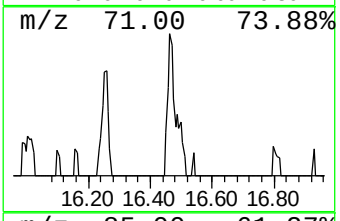


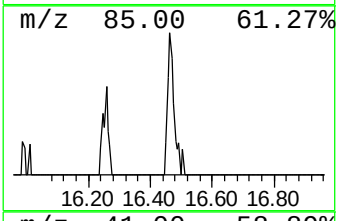


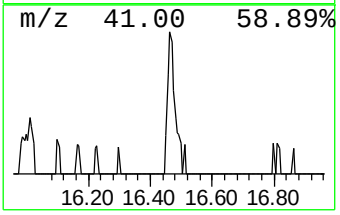












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

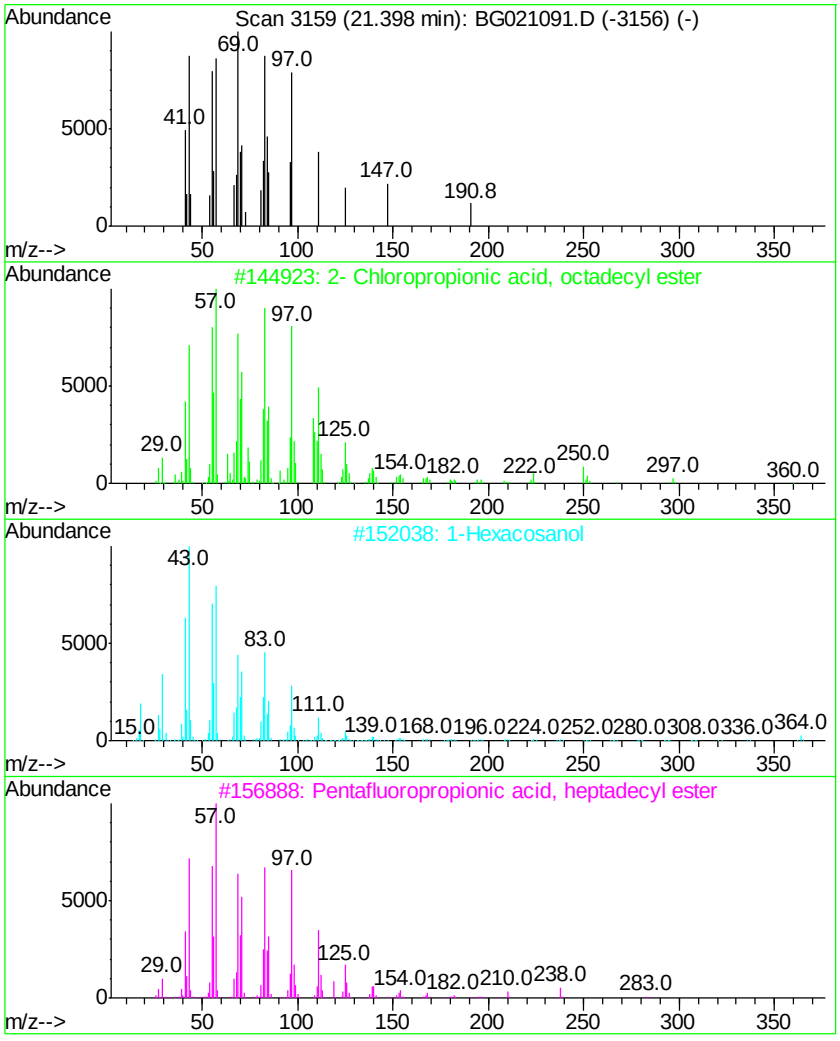
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

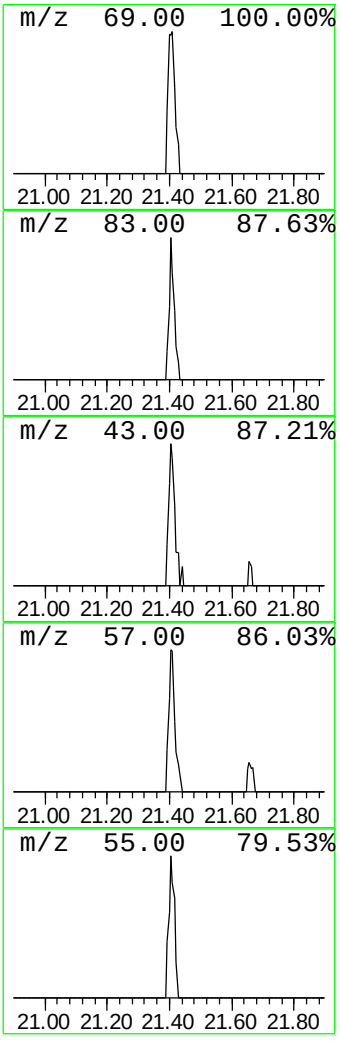
****

Peak Number 8 2- Chloropropionic acid, oc... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.78 ng	18039	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	62
2	1-Hexacosanol	382	C26H54O	000506-52-5	62
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	58
4	Diisopropylketone p-tosylhydrazone	282	C14H22N2O2S	017530-00-6	58
5	1-Octadecanol	270	C18H38O	000112-92-5	58





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.09	3.09	209.2	ng	333367	1	8.17	31878	20.0
2-Pentanone, 4-hy...	5.26	22.0	ng	35029	1	8.17	31878	20.0
unknown7.70	7.70	129.0	ng	205653	1	8.17	31878	20.0
Hexadecane	15.61	2.6	ng	9037	3	14.78	70496	20.0
Nonadecane	16.46	2.2	ng	10807	4	17.51	98216	20.0
2- Chloropropioni...	21.40	2.8	ng	18039	5	21.77	129964	20.0