LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031499.D
Acq On : 12 Dec 2017 19:32
Operator : SJ/JU
Sample : I6813-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Drill-Cutting-Spoils

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-BG121117.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	5.186	317	323	333	rBV	41506	69737	1.34%	0.326%
2	5.668	399	405	424	rBV	344908	615430	11.84%	2.873%
3	7.278	673	679	696	rBV	196938	395162	7.60%	1.845%
4	7.642	734	741	751	rBV	724800	1303255	25.07%	6.084%
5	8.112	813	821	826	rBV	185831	333779	6.42%	1.558%
6	8.165	826	830	839	rVB2	32637	59744	1.15%	0.279%
7	8.435	865	876	891	rBV	713925	1336926	25.72%	6.242%
8	9.275	1012	1019	1036	rBV	507372	1024332	19.71%	4.782%
9	10.697	1251	1261	1280	rBV	104379	277058	5.33%	1.293%
10	10.926	1290	1300	1306	rBV	252308	491034	9.45%	2.292%
11	13.353	1706	1713	1729	rBV	1790649	2896801	55.73%	13.524%
12	14.734	1941	1948	1957	rBV2	449175	764055	14.70%	3.567%
13	16.079	2168	2177	2192	rBV	100050	175018	3.37%	0.817%
14	16.214	2194	2200	2213	rBV	1312567	2184661	42.03%	10.200%
15	17.472	2408	2414	2429	rVB2	640641	1062760	20.45%	4.962%
16	19.734	2794	2799	2807	rBV	556509	650666	12.52%	3.038%
17	20.069	2848	2856	2865	rBV	3743416	5197537	100.00%	24.266%
18	21.743	3134	3141	3153	rBV	773721	1345090	25.88%	6.280%
19	25.028	3688	3700	3718	rBV2	423302	1236232	23.78%	5.772%

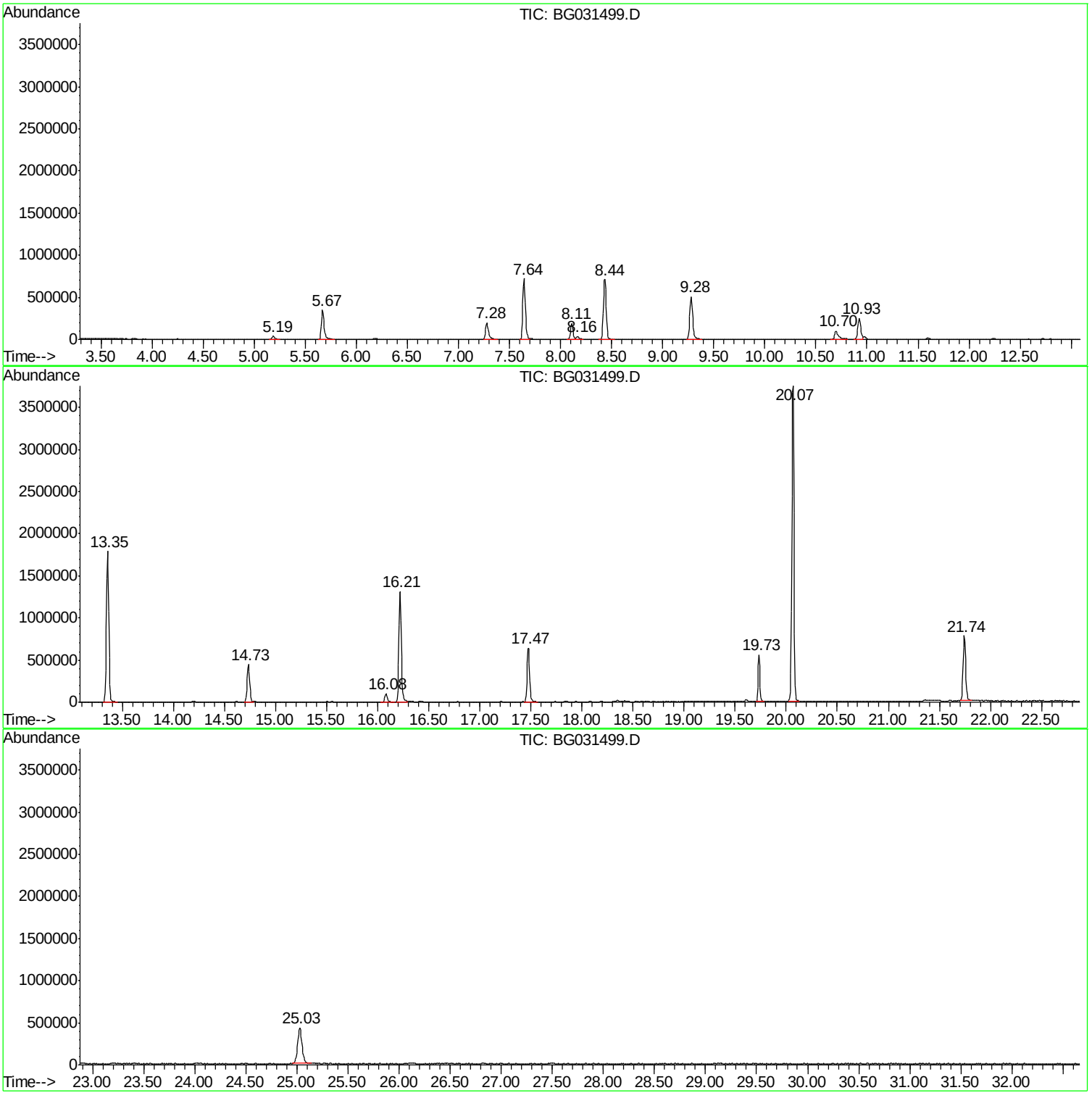
Sum of corrected areas: 21419277

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031499.D
Acq On : 12 Dec 2017 19:32
Operator : SJ/JU
Sample : I6813-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Drill-Cutting-Spoils

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031499.D
Acq On : 12 Dec 2017 19:32
Operator : SJ/JU
Sample : I6813-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Drill-Cutting-Spoils

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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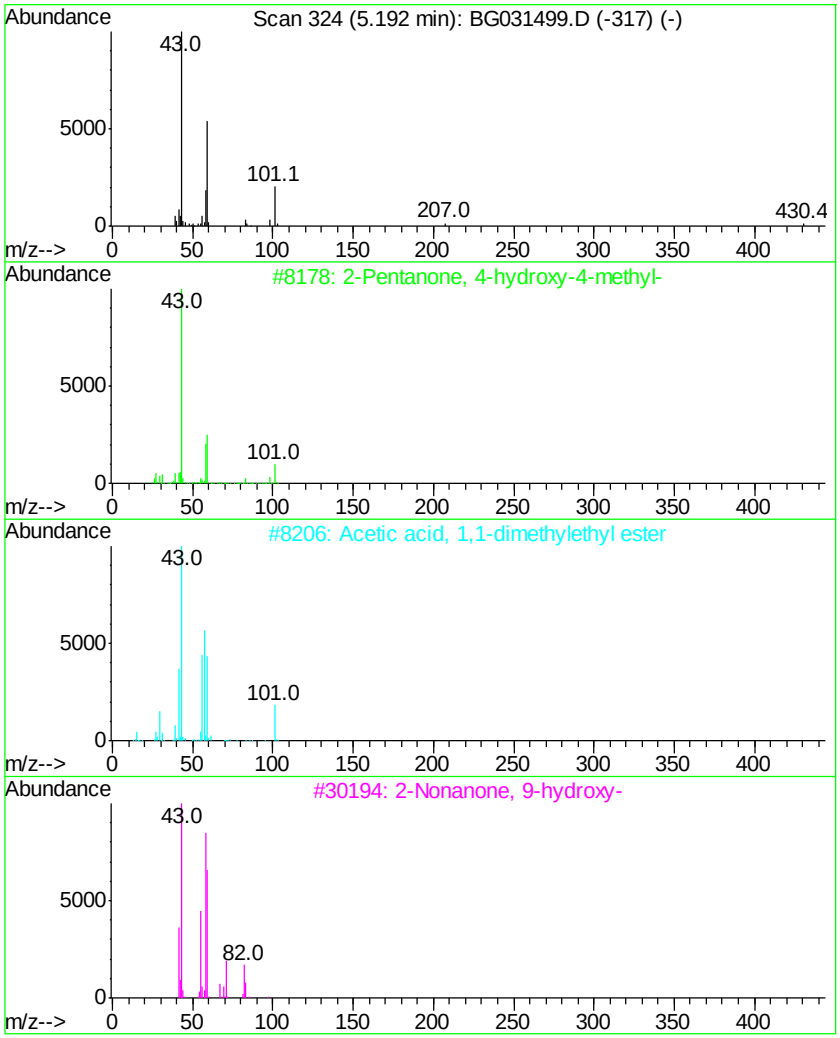
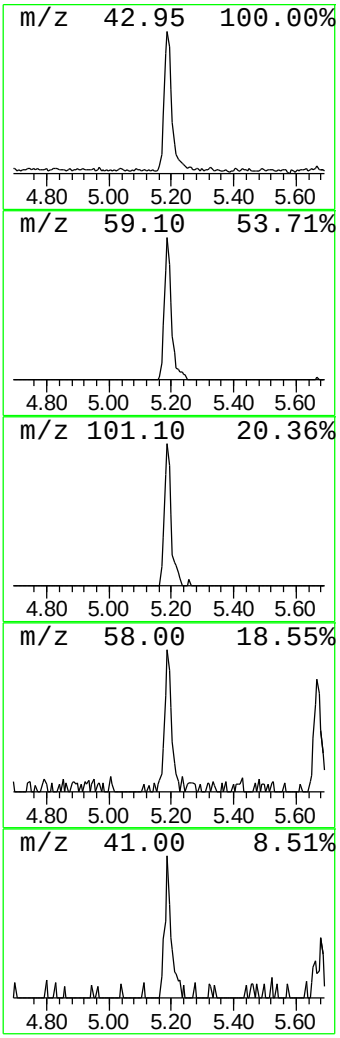
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	4.18 ng	69737	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031499.D
Acq On : 12 Dec 2017 19:32
Operator : SJ/JU
Sample : I6813-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Drill-Cutting-Spoils

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

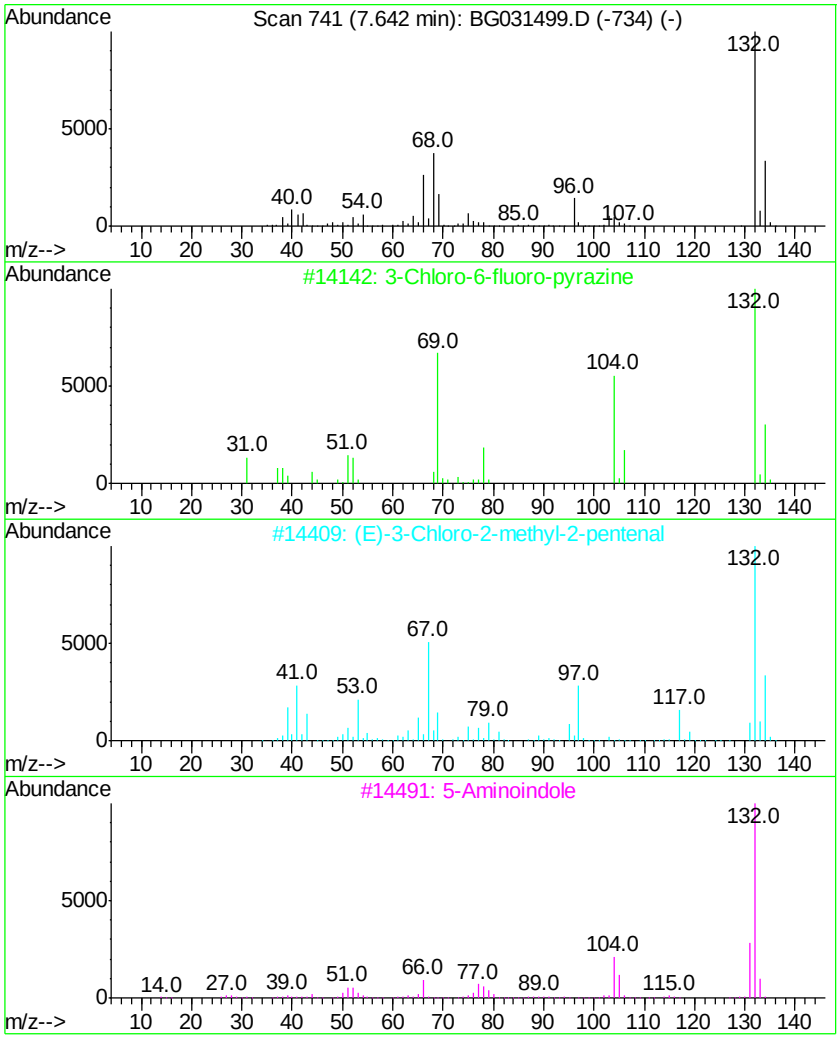
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

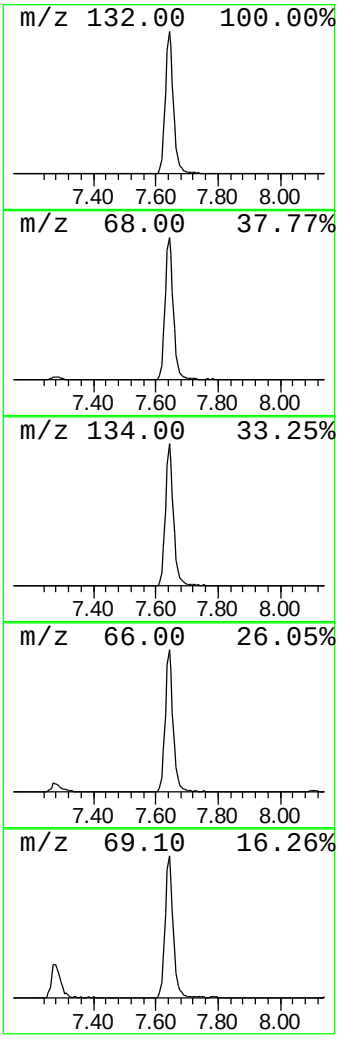
****

Peak Number 2 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	78.09 ng	1303260	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031499.D
Acq On : 12 Dec 2017 19:32
Operator : SJ/JU
Sample : I6813-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Drill-Cutting-Spoils

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

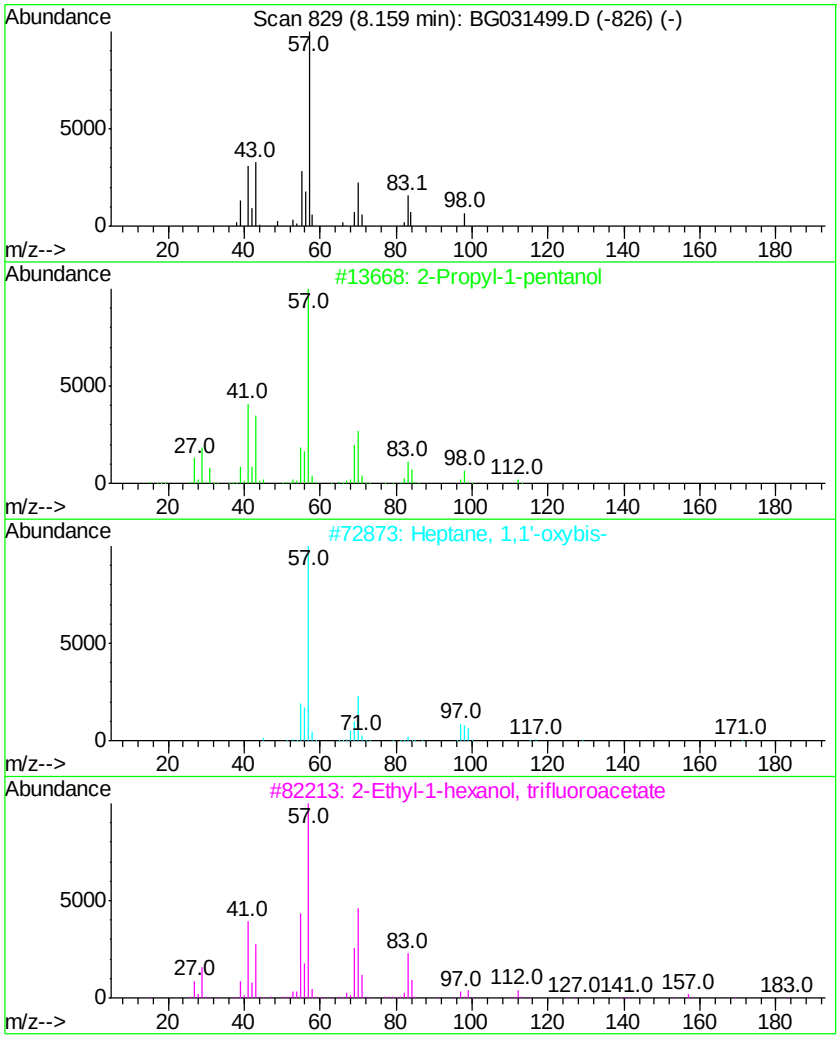
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

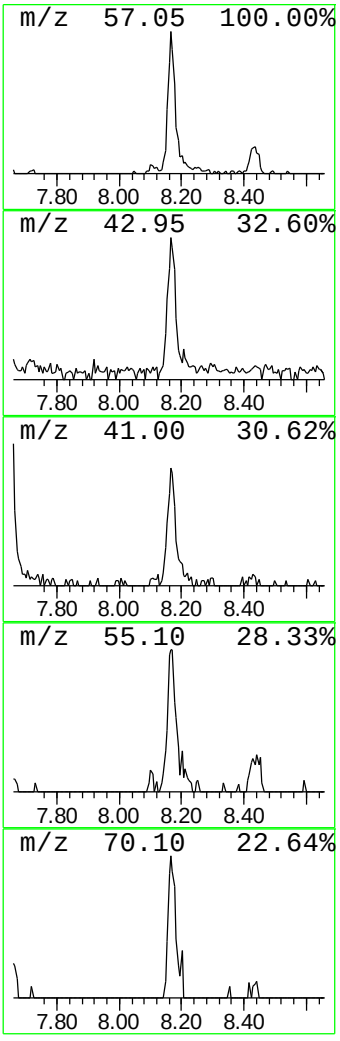
****

Peak Number 3 2-Propyl-1-pentanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	3.58 ng	59744	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
3	2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	1000365-19-6	47
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	40
5	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031499.D
Acq On : 12 Dec 2017 19:32
Operator : SJ/JU
Sample : I6813-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Drill-Cutting-Spoils

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

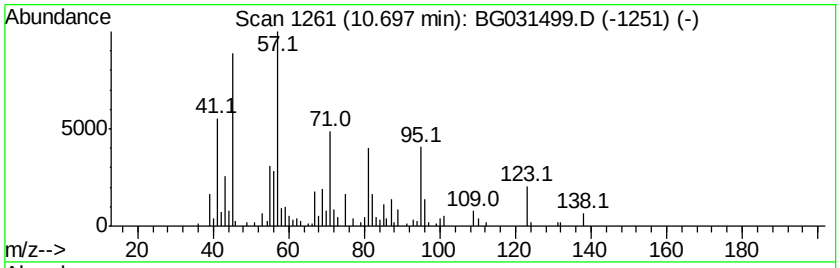
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

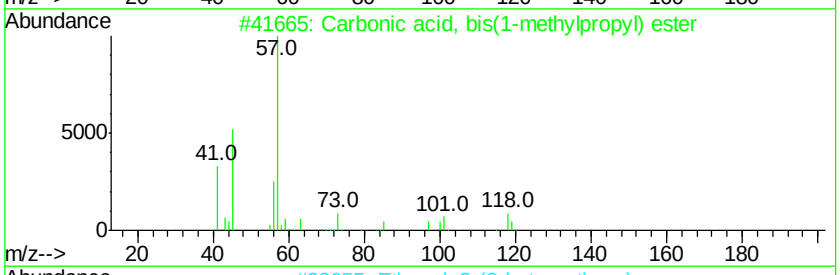
****

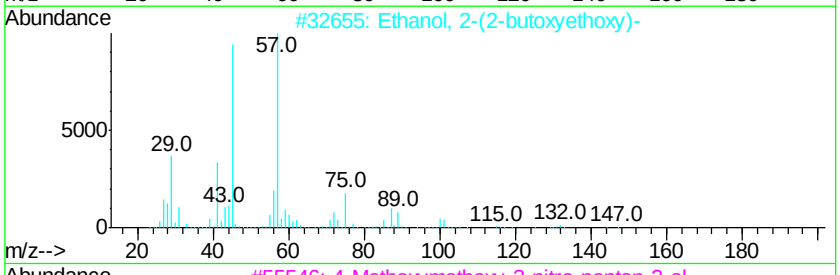
Peak Number 5 unknown10.70 Concentration Rank 3

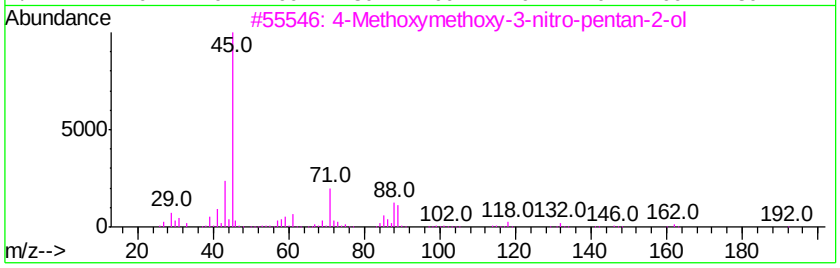
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	11.28 ng	277058	Naphthalene-d8	10.93

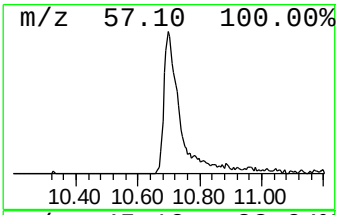
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	38
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	38
3	4-Methoxymethoxy-3-nitro-pentan-...	193	C7H15NO5	1000187-51-5	37
4	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	32
5	3-Methyl-5-methoxy-1-pentanol	132	C7H16O2	070928-41-5	27

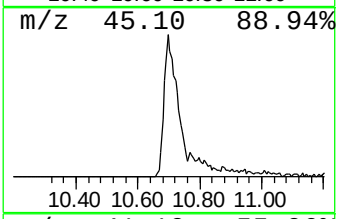


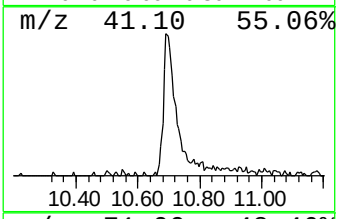


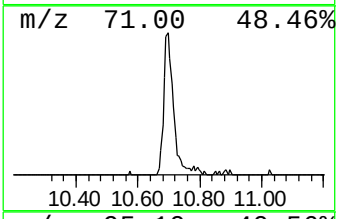


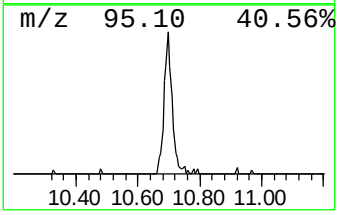












Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031499.D
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Operator : SJ/JU
Sample : I6813-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Drill-Cutting-Spoils

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

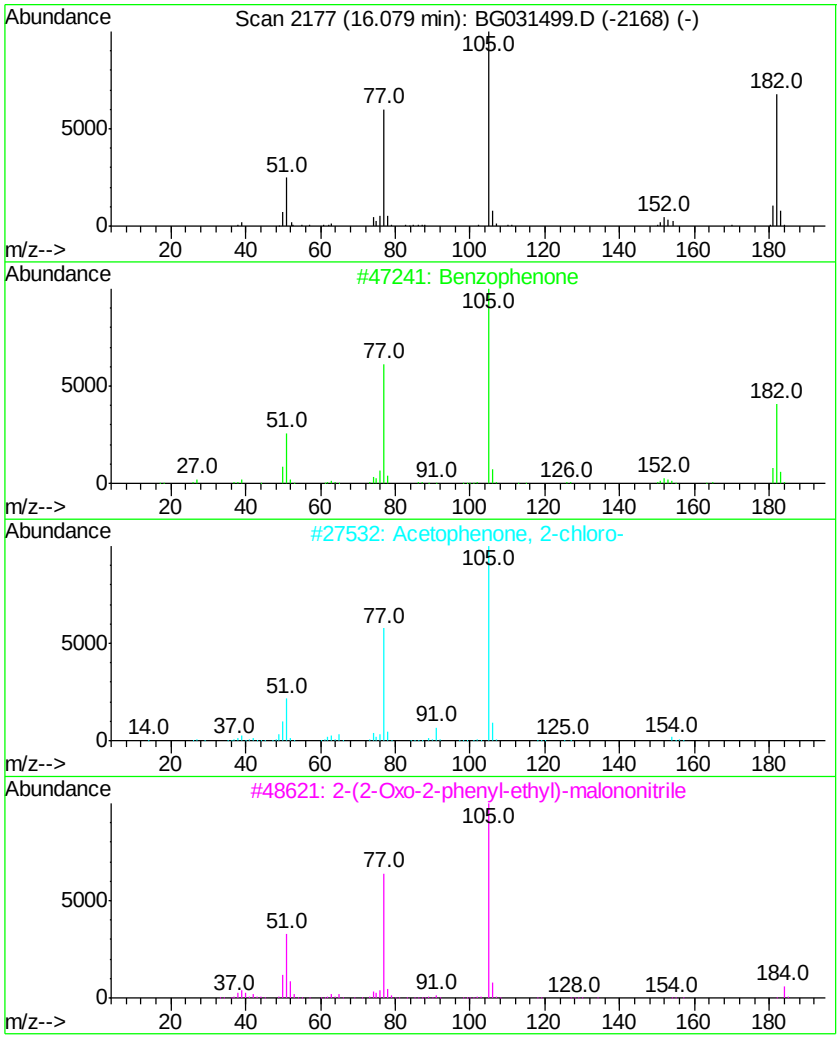
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

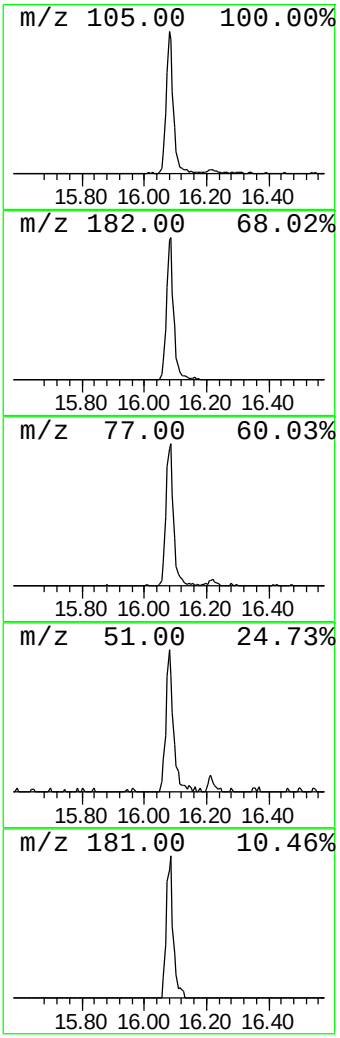
****

Peak Number 6 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	4.58 ng	175018	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

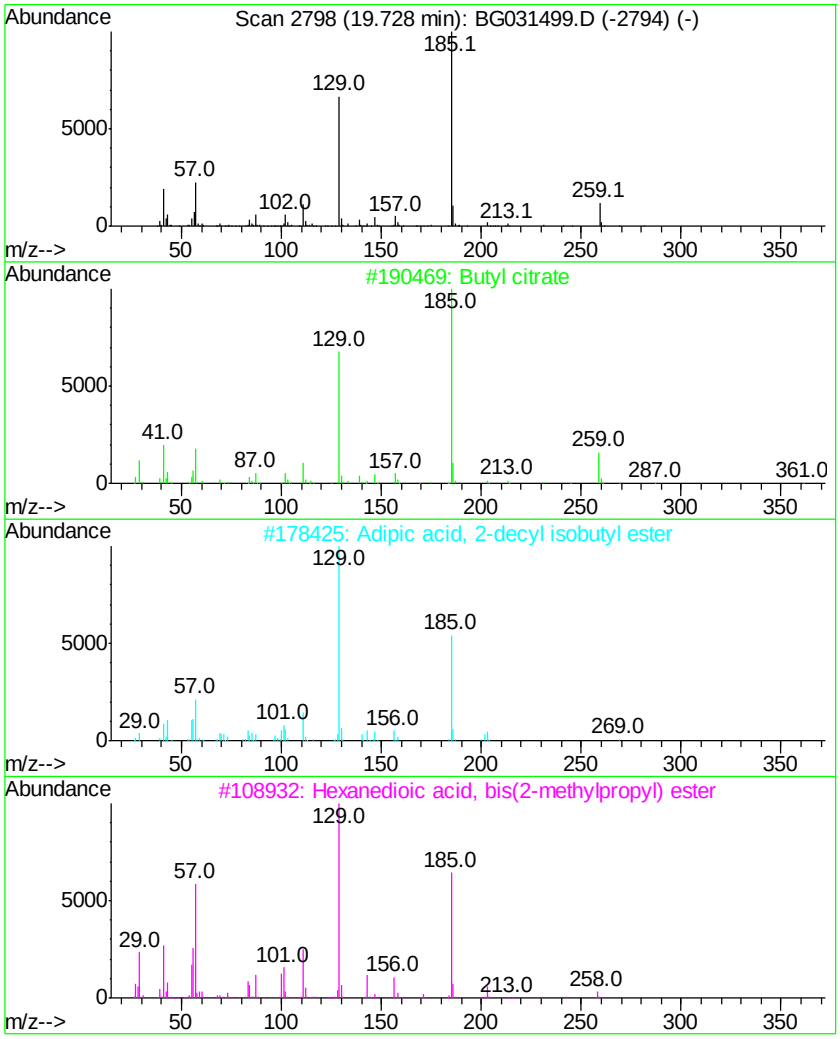
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

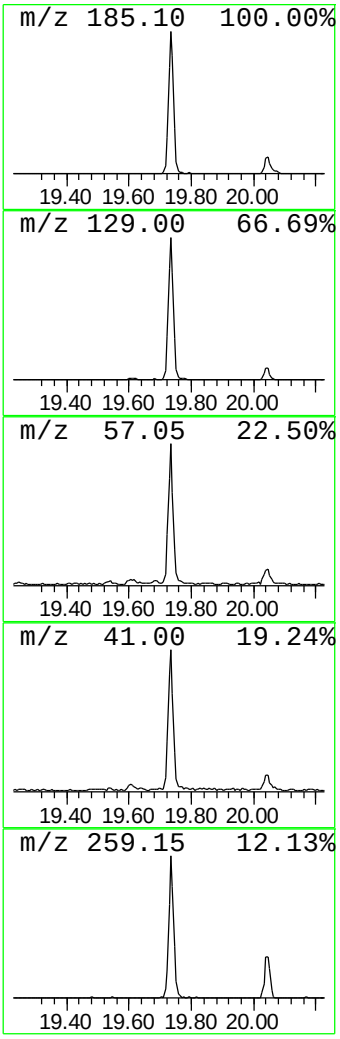
****

Peak Number 7 Butyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	9.67 ng	650666	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	91
2	Adipic acid, 2-decyl isobutyl ester	342	C20H38O4	1000353-59-6	56
3	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	56
4	Adipic acid, cyclohexyl isobutyl...	284	C16H28O4	1000324-25-8	50
5	Hexanedioic acid, bis(1-methylpr...	258	C14H26O4	038447-22-2	50





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG121217\
Data File : BG031499.D
Acq On : 12 Dec 2017 19:32
Operator : SJ/JU
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	4.2	ng	69737	1	8.11	333779	20.0
unknown7.64	7.64	78.1	ng	1303260	1	8.11	333779	20.0
2-Propyl-1-pentanol	8.16	3.6	ng	59744	1	8.11	333779	20.0
unknown10.70	10.70	11.3	ng	277058	2	10.93	491034	20.0
Benzophenone	16.08	4.6	ng	175018	3	14.73	764055	20.0
Butyl citrate	19.73	9.7	ng	650666	5	21.74	1345090	20.0