LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027364.D
Acq On : 10 Jun 2017 2:02
Operator : SJ/MA
Sample : I3575-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-060817-B

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-BG060517.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	4.551	142	147	156	rVB	84993	131858	2.81%	0.534%
2	5.127	239	245	254	rBV	235490	384602	8.18%	1.559%
3	5.221	254	261	285	rBV	316335	681636	14.50%	2.762%
4	5.703	338	343	355	rVB	41590	69865	1.49%	0.283%
5	6.143	410	418	428	rBV	1105979	1893057	40.28%	7.671%
6	7.642	666	673	677	rBV	500885	856101	18.22%	3.469%
7	7.695	677	682	700	rVB2	840306	1624764	34.57%	6.584%
8	8.088	741	749	763	rBV	1121088	2062515	43.89%	8.358%
9	8.558	819	829	838	rVB	171821	321364	6.84%	1.302%
10	8.881	874	884	894	rBV	724098	1381905	29.41%	5.600%
11	9.111	914	923	932	rBV3	56509	107428	2.29%	0.435%
12	9.716	1018	1026	1036	rBV	671087	1291881	27.49%	5.235%
13	10.086	1081	1089	1099	rBV	113865	186847	3.98%	0.757%
14	11.373	1295	1308	1316	rBV	270576	524474	11.16%	2.125%
15	12.565	1505	1511	1519	rBV3	61557	132436	2.82%	0.537%
16	13.764	1707	1715	1723	rBV	1964668	3177002	67.60%	12.874%
17	14.069	1761	1767	1774	rBV2	41615	104586	2.23%	0.424%
18	15.139	1942	1949	1958	rVB	279781	497257	10.58%	2.015%
19	16.619	2193	2201	2222	rBV	1692919	2722027	57.92%	11.031%
20	17.883	2407	2416	2430	rBV2	538683	916466	19.50%	3.714%
21	20.462	2848	2855	2862	rBV	3475327	4699507	100.00%	19.044%
22	22.266	3154	3162	3175	rBV2	336308	748187	15.92%	3.032%
23	25.956	3783	3790	3804	rVB6	45144	161120	3.43%	0.653%

Sum of corrected areas: 24676885

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027364.D
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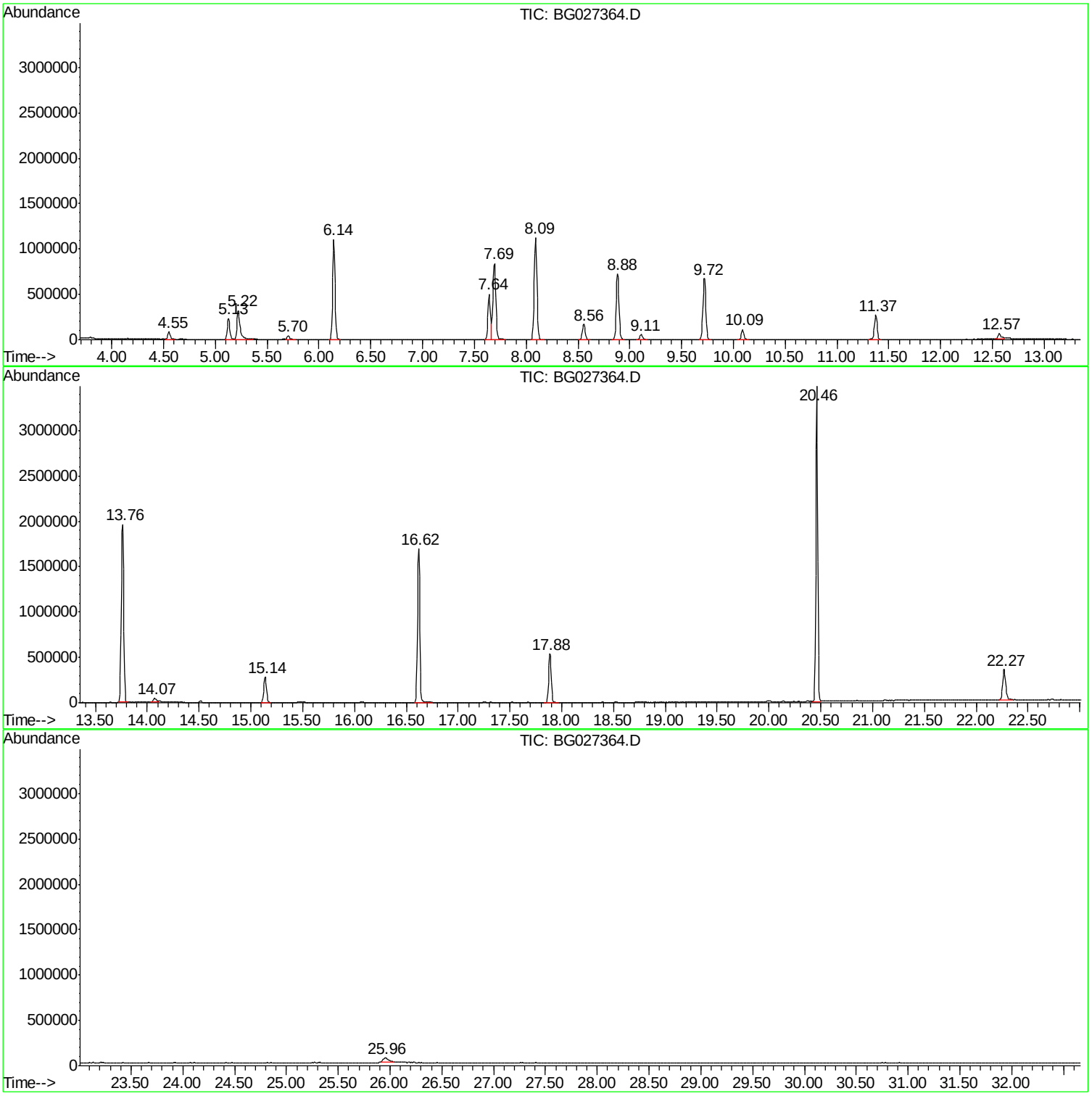
Operator : SJ/MA
Sample : I3575-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-060817-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.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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Data File : BG027364.D
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Operator : SJ/MA
Sample : I3575-06
Misc :
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Instrument : BNA_G
ClientSampleId : HR-06-060817-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

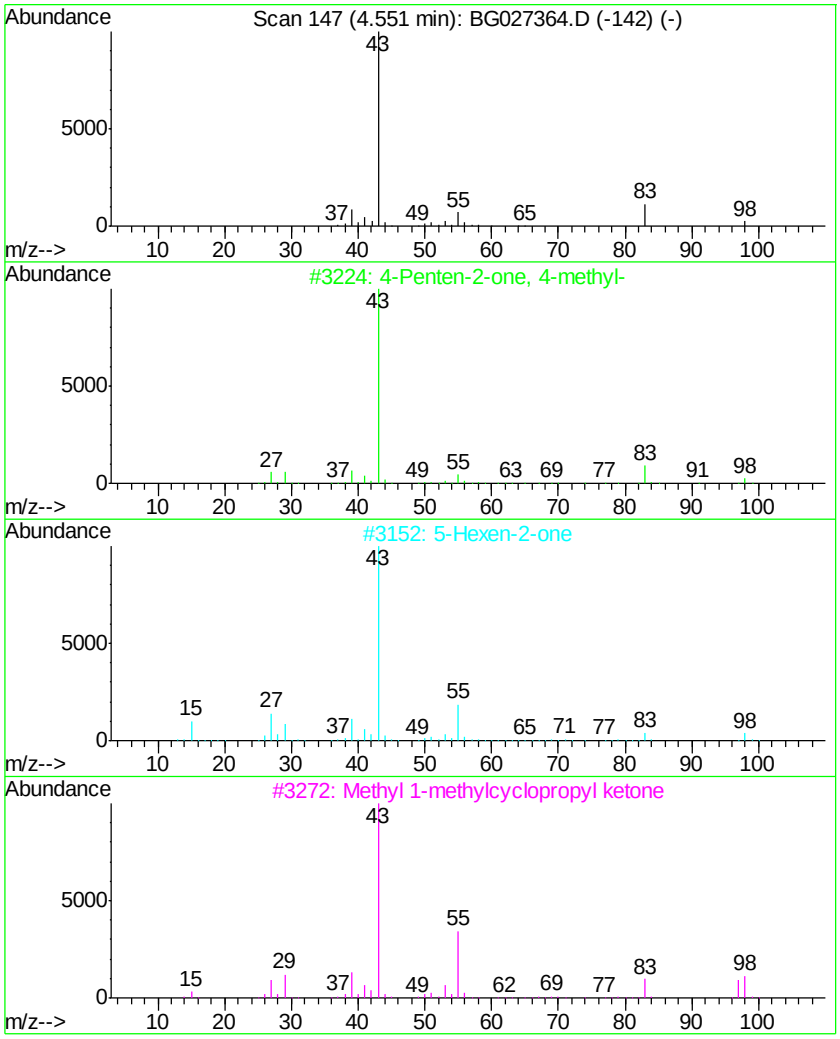
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

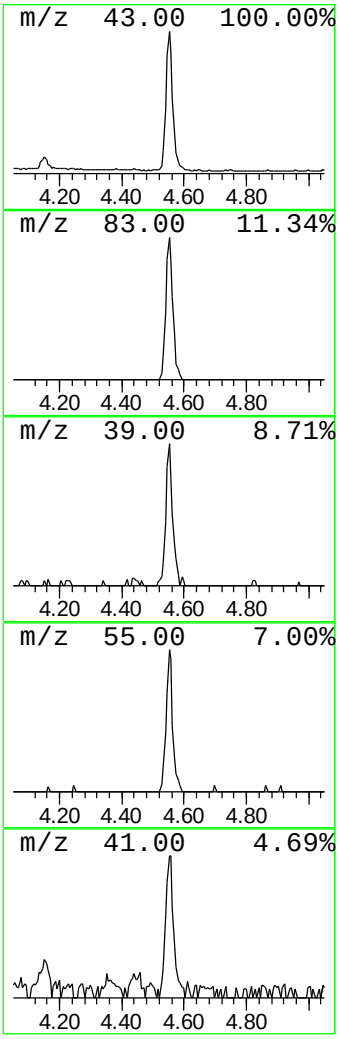
****

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	8.21 ng	131858	1,4-Dichlorobenzene-d4	8.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	72
2	5-Hexen-2-one	98	C6H10O	000109-49-9	35
3	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	30
4	2-Vinylethyl acetate	114	C6H10O2	001576-84-7	28
5	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	17





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Data File : BG027364.D
Acq On : 10 Jun 2017 2:02
Operator : SJ/MA
Sample : I3575-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-060817-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

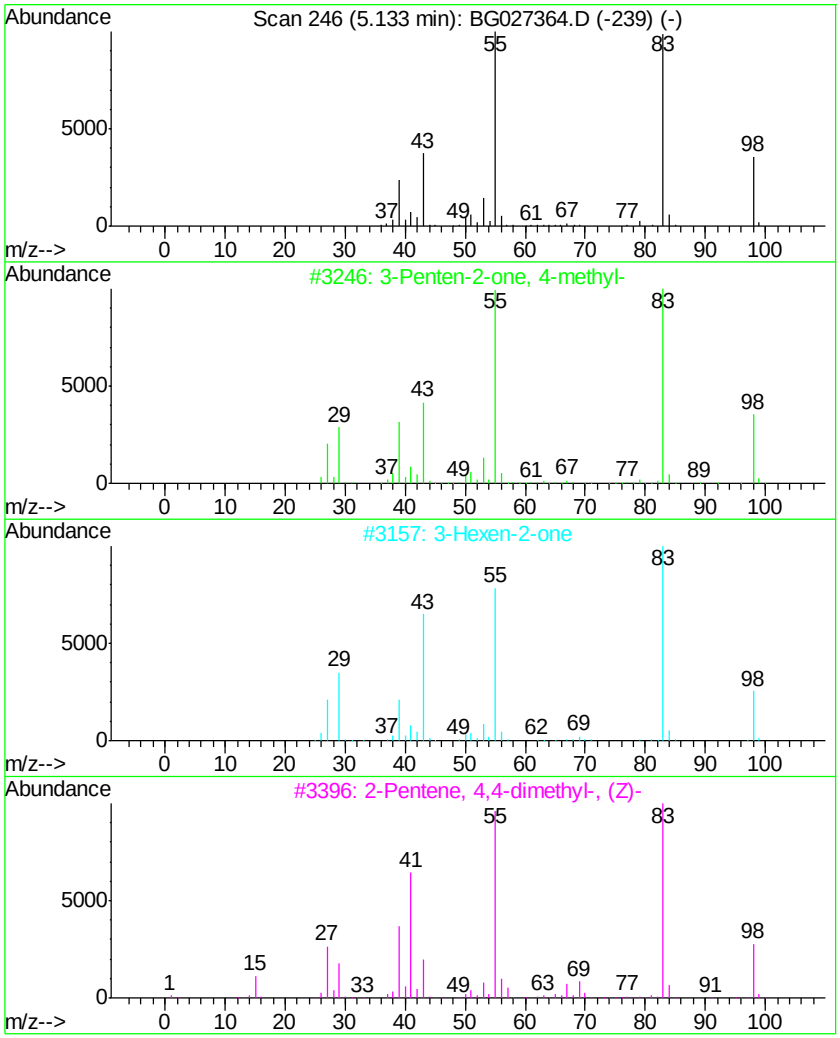
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

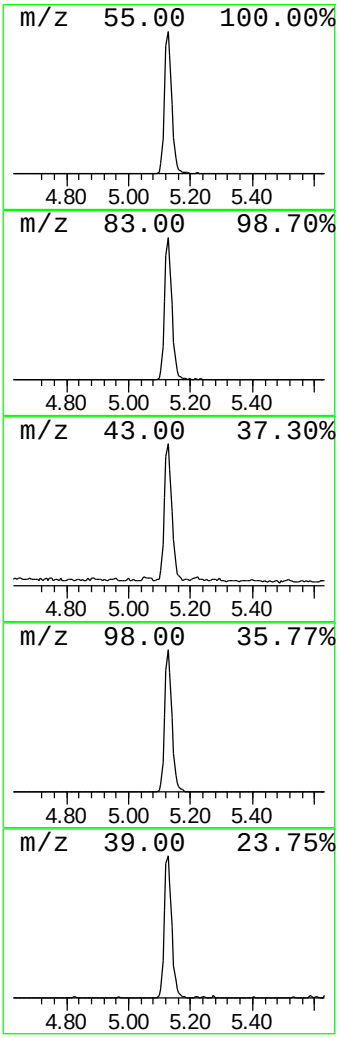
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	23.94 ng	384602	1,4-Dichlorobenzene-d4	8.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86





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Data File : BG027364.D
Acq On : 10 Jun 2017 2:02
Operator : SJ/MA
Sample : I3575-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-060817-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

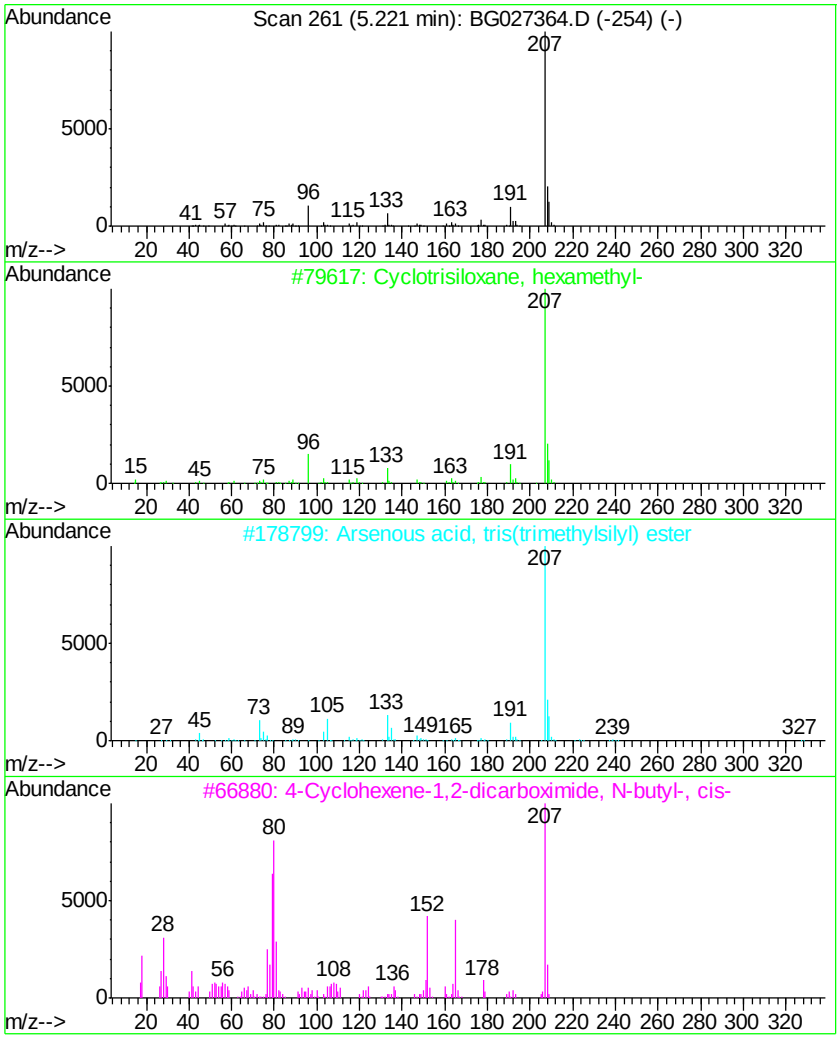
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

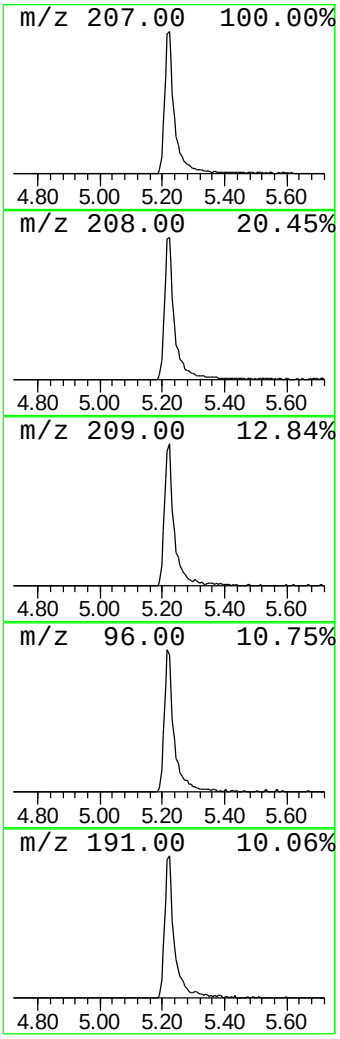
****

Peak Number 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	42.42 ng	681636	1,4-Dichlorobenzene-d4	8.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
3	4-Cyclohexene-1,2-dicarboximide,...	207	C12H17NO2	028916-00-9	42
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
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Operator : SJ/MA
Sample : I3575-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-060817-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

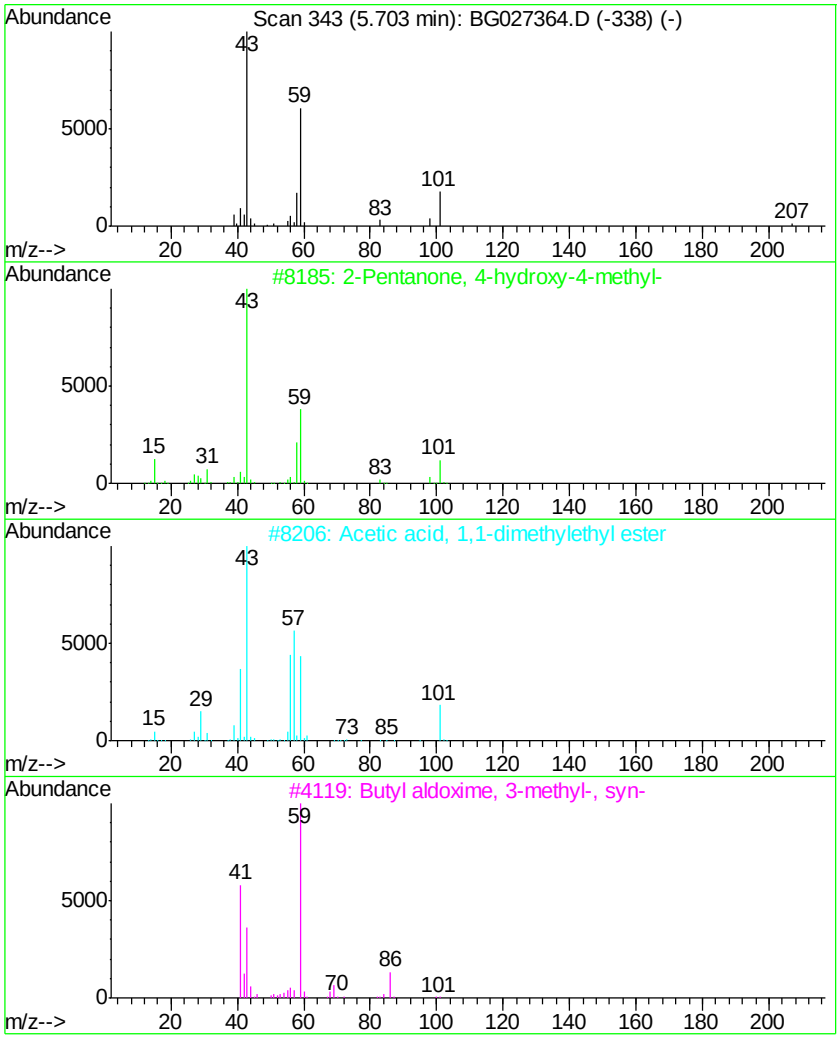
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

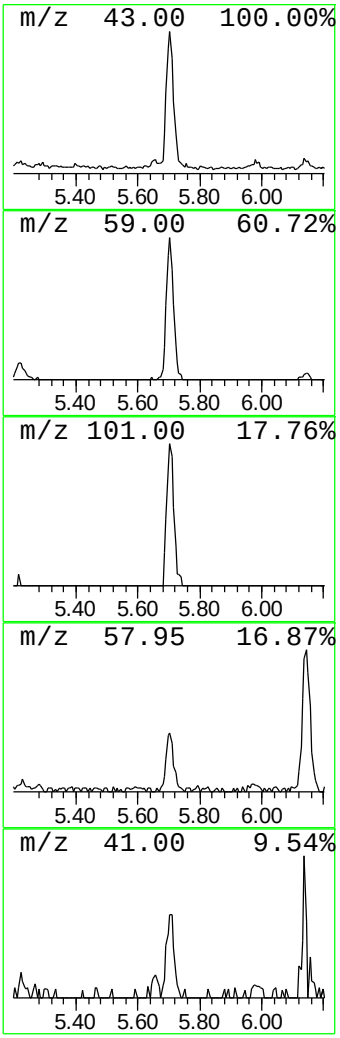
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	4.35 ng	69865	1,4-Dichlorobenzene-d4	8.56

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	38
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027364.D
Acq On : 10 Jun 2017 2:02
Operator : SJ/MA
Sample : I3575-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-060817-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

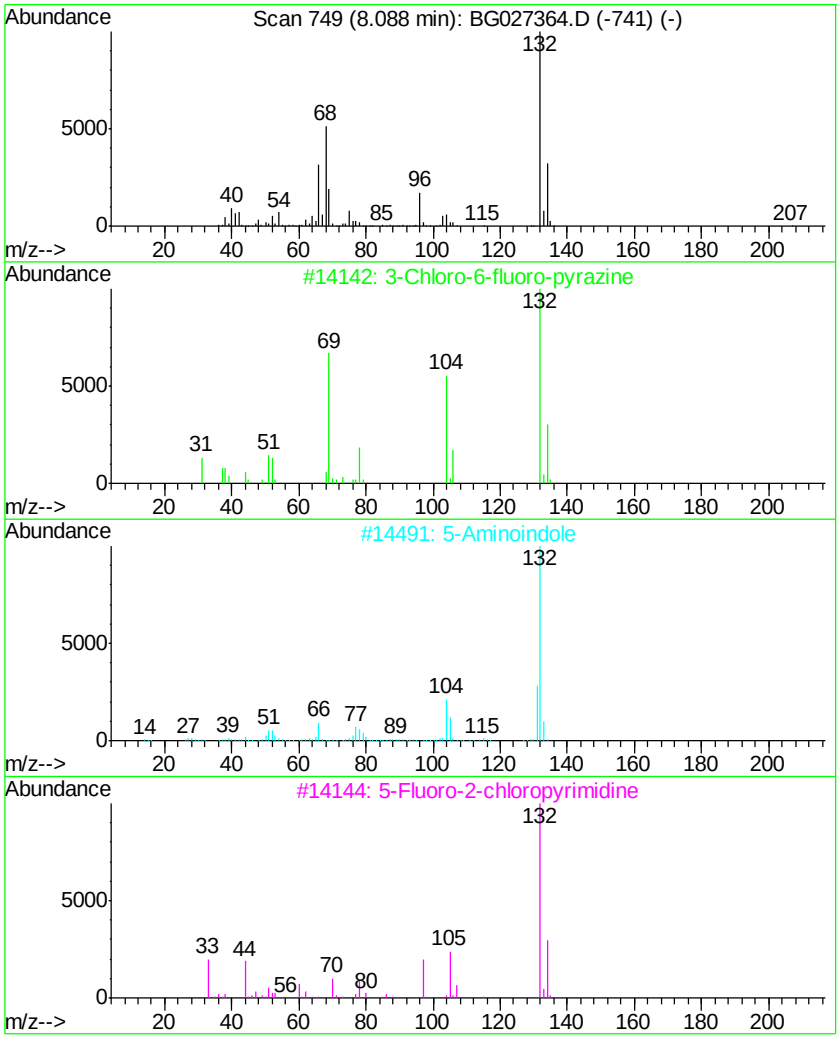
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

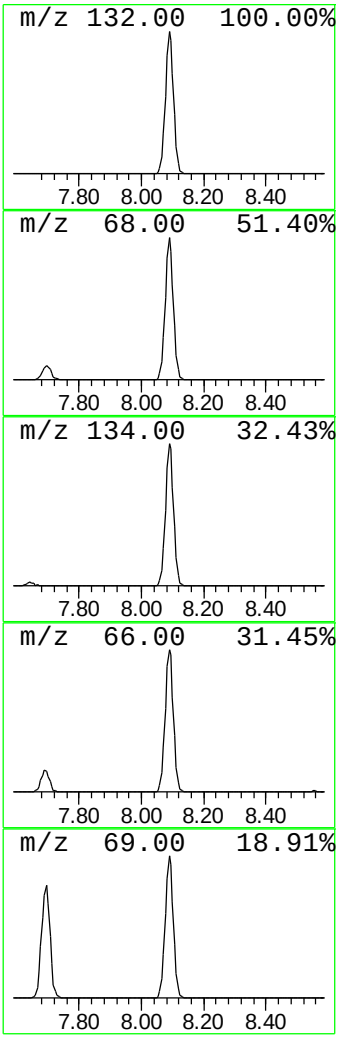
****

Peak Number 5 unknown8.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	128.36 ng	2062520	1,4-Dichlorobenzene-d4	8.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	2-Propyn-1-amine, N-methyl-	69	C4H7N	035161-71-8	9





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Operator : SJ/MA
Sample : I3575-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-060817-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

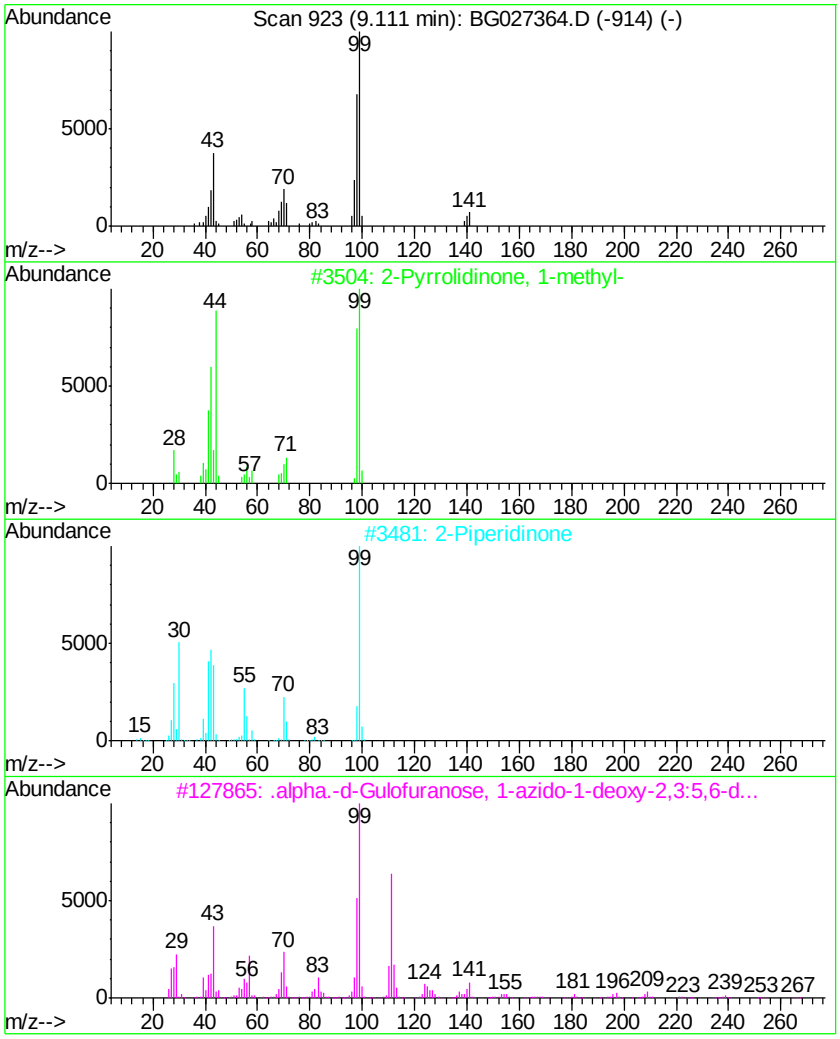
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

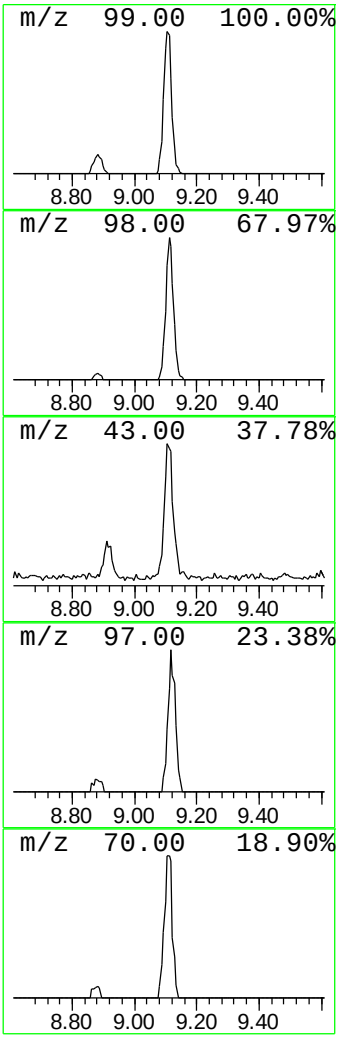
****

Peak Number 7 2-Pyrrolidinone, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	6.69 ng	107428	1,4-Dichlorobenzene-d4	8.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	64
2	2-Piperidinone	99	C5H9NO	000675-20-7	49
3	.alpha.-d-Gulofuranose, 1-azido-...	281	C10H17B2N3O5	1000149-82-2	39
4	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	37
5	Imidosulfurous difluoride, methyl-	99	CH3F2NS	000758-20-3	36





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Instrument : BNA_G
ClientSampleId : HR-06-060817-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

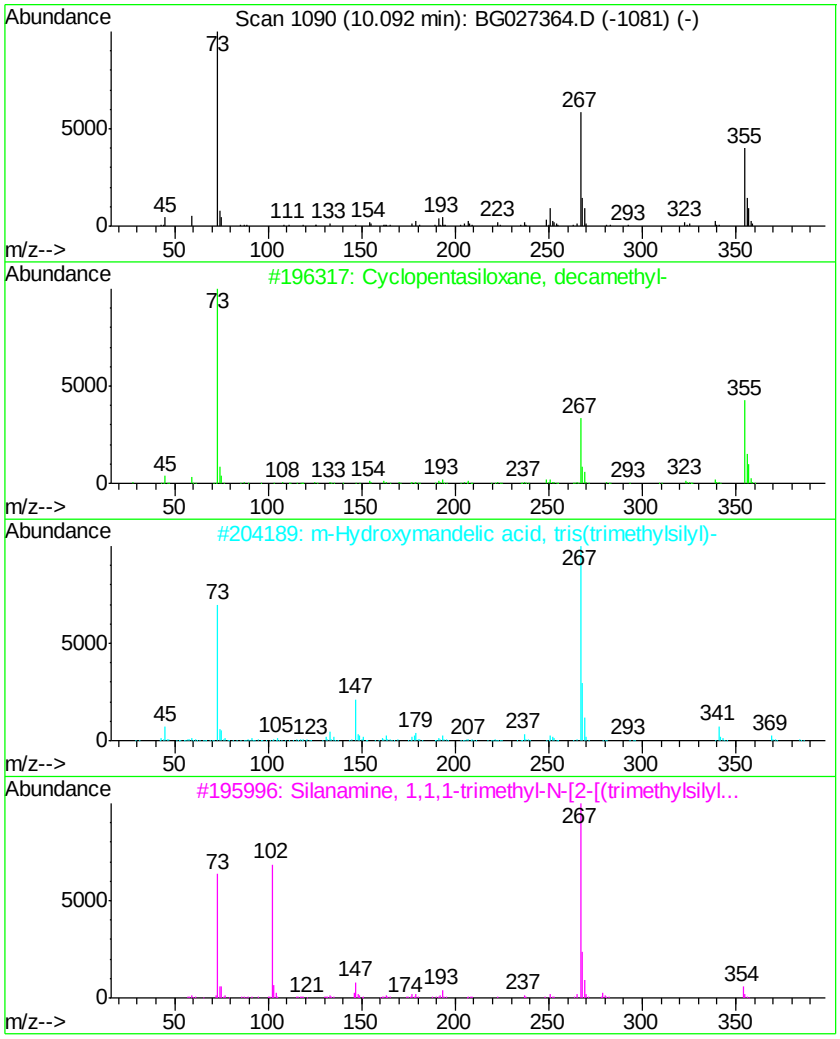
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

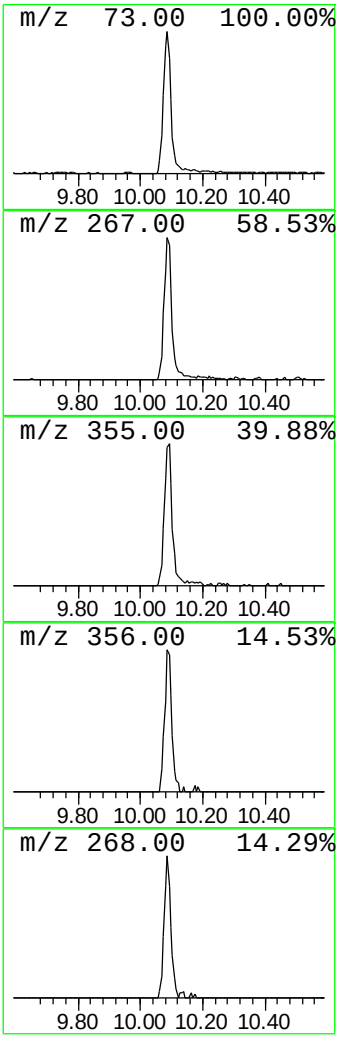
****

Peak Number 8 Cyclopentasiloxane, decamet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	7.13 ng	186847	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	m-Hydroxymandelic acid, tris(tri...	384	C17H32O4Si3	068595-69-7	50
3	Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35NO2Si3	068595-60-8	50
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	47
5	Benzeneethanamine, N-butyl-.beta...	353	C18H35NO2Si2	040629-66-1	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
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Sample : I3575-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-060817-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

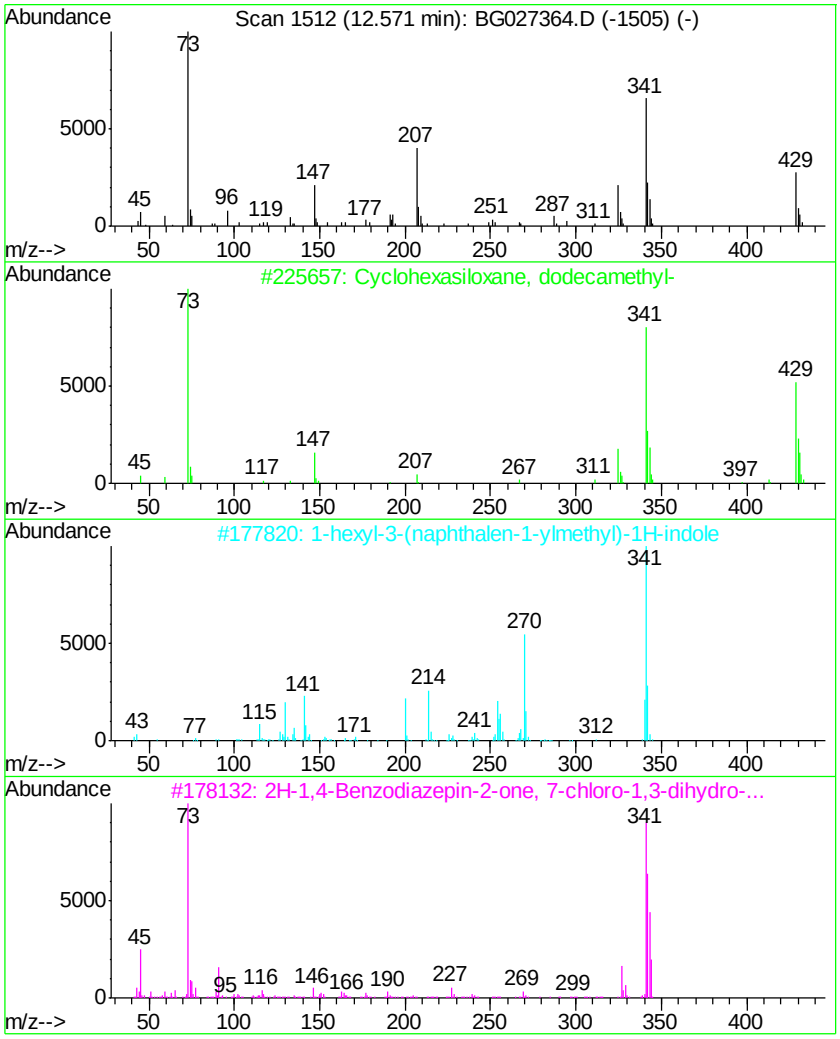
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

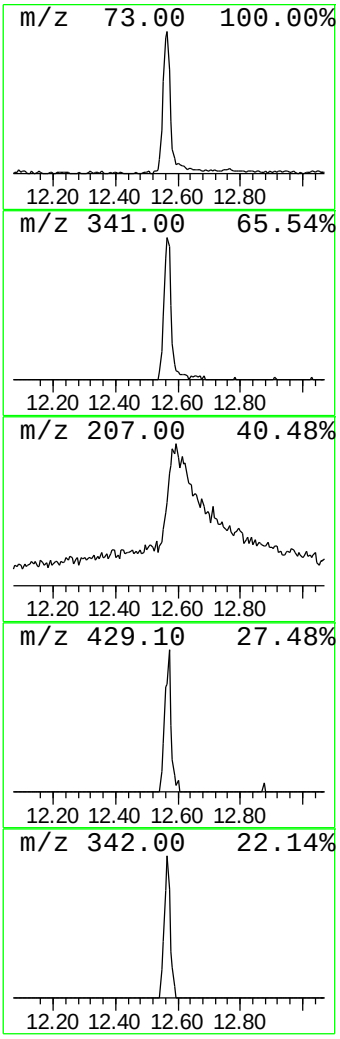
****

Peak Number 9 Cyclohexasiloxane, dodecame... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.05 ng	132436	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	91
2	1-hexyl-3-(naphthalen-1-ylmethyl...	341	C25H27N	1000372-24-4	38
3	2H-1,4-Benzodiazepin-2-one, 7-ch...	342	C18H19ClN2OSi	055299-24-6	37
4	1,3,5,7,9-Pentaethylcyclopentasi...	370	C10H30O5Si5	017995-44-7	37
5	Fluoren-9-ol, 3,6-dimethoxy-9-(2...	342	C23H18O3	1000217-31-2	35





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-060817-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

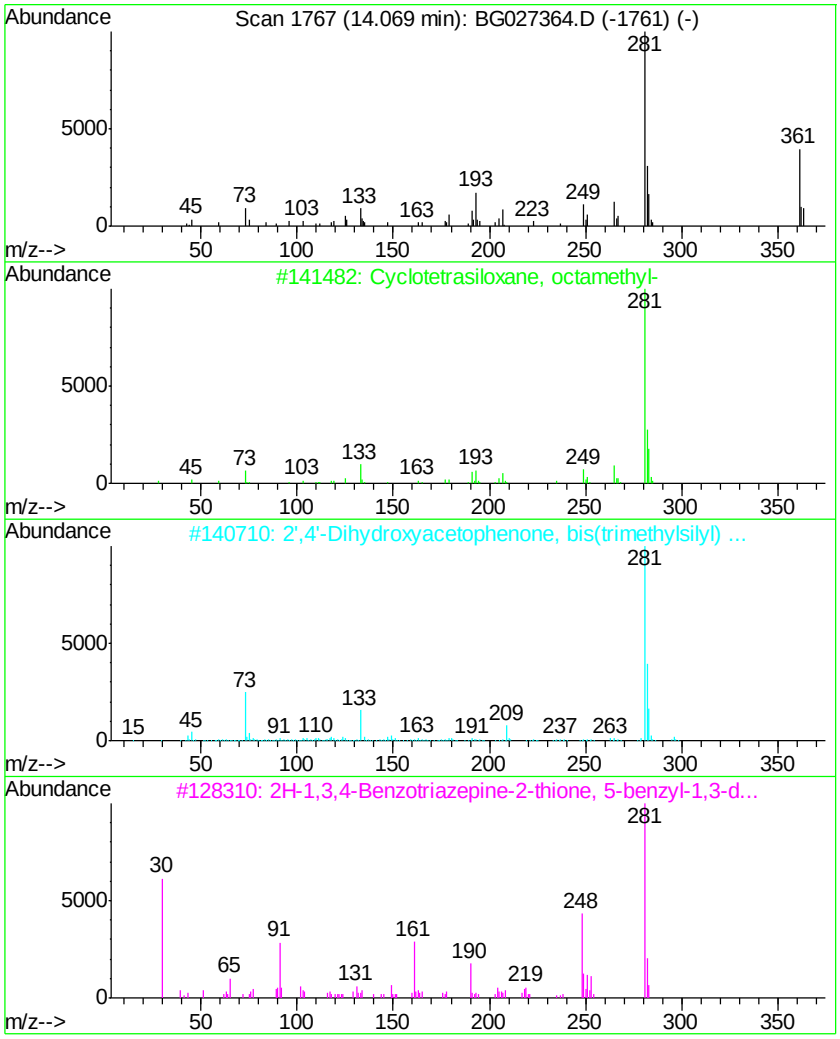
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

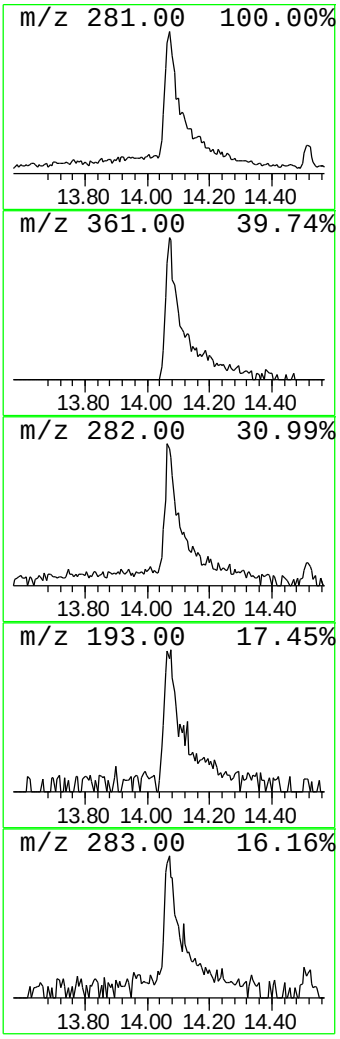
****

Peak Number 10 Cyclotetrasiloxane, octamet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	4.21 ng	104586	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	52
2	2',4'-Dihydroxyacetophenone, bis...	296	C14H24O3Si2	1000352-82-1	43
3	2H-1,3,4-Benzotriazepine-2-thion...	281	C16H15N3S	141071-26-3	43
4	Ethylphosphonic acid, bis(tert-b...	338	C14H35O3PSi2	1000273-30-1	43
5	4H-1,2,4-Triazole-3-thiol, 4-all...	281	C16H15N3S	031803-13-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027364.D
Acq On : 10 Jun 2017 2:02
Operator : SJ/MA
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-060817-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4-Penten-2-one, 4...	4.55	8.2	ng	131858	1	8.56	321364	20.0
3-Penten-2-one, 4...	5.13	23.9	ng	384602	1	8.56	321364	20.0
Cyclotrisiloxane,...	5.22	42.4	ng	681636	1	8.56	321364	20.0
2-Pentanone, 4-hy...	5.70	4.3	ng	69865	1	8.56	321364	20.0
unknown8.09	8.09	128.4	ng	2062520	1	8.56	321364	20.0
2-Pyrrolidinone, ...	9.11	6.7	ng	107428	1	8.56	321364	20.0
Cyclopentasiloxan...	10.09	7.1	ng	186847	2	11.37	524474	20.0
Cyclohexasiloxane...	12.57	5.0	ng	132436	2	11.37	524474	20.0
Cyclotetrasiloxan...	14.07	4.2	ng	104586	3	15.13	497257	20.0