LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027365.D
Acq On : 10 Jun 2017 2:41
Operator : SJ/MA
Sample : I3575-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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	4.552	141	147	159	rVB	153590	237943	3.52%	0.666%
2	5.127	238	245	254	rBV	983988	1608779	23.78%	4.505%
3	5.227	254	262	299	rVV	1937307	4840228	71.55%	13.553%
4	6.144	410	418	428	rBV	1007286	1753234	25.92%	4.909%
5	7.107	574	582	589	rBV	38337	67698	1.00%	0.190%
6	7.648	665	674	679	rBV	3728609	6764537	100.00%	18.941%
7	7.689	679	681	702	rVB3	504304	900339	13.31%	2.521%
8	8.089	741	749	760	rVB	1092806	2028091	29.98%	5.679%
9	8.553	822	828	836	rVB	170059	316123	4.67%	0.885%
10	8.882	874	884	896	rVB	740349	1436130	21.23%	4.021%
11	9.111	913	923	931	rBV4	62833	128453	1.90%	0.360%
12	9.716	1018	1026	1035	rBV	676338	1319887	19.51%	3.696%
13	10.086	1082	1089	1103	rBV	653244	1052214	15.55%	2.946%
14	11.373	1302	1308	1315	rVB	256730	489503	7.24%	1.371%
15	12.572	1505	1512	1534	rBV2	493018	1414411	20.91%	3.960%
16	13.159	1607	1612	1624	rVB4	34697	76716	1.13%	0.215%
17	13.759	1707	1714	1724	rBV	1951208	3199296	47.30%	8.958%
18	14.064	1760	1766	1795	rVB	384949	1015038	15.01%	2.842%
19	15.133	1942	1948	1956	rBV	112832	207143	3.06%	0.580%
20	15.462	1996	2004	2023	rVB	87224	215183	3.18%	0.603%
21	16.620	2193	2201	2209	rBV	1643936	2707109	40.02%	7.580%
22	17.883	2405	2416	2428	rBV3	385696	706592	10.45%	1.979%
23	20.462	2848	2855	2865	rBV2	2123055	2989347	44.19%	8.370%
24	22.272	3155	3163	3172	rBV2	99725	239116	3.53%	0.670%

Sum of corrected areas: 35713110

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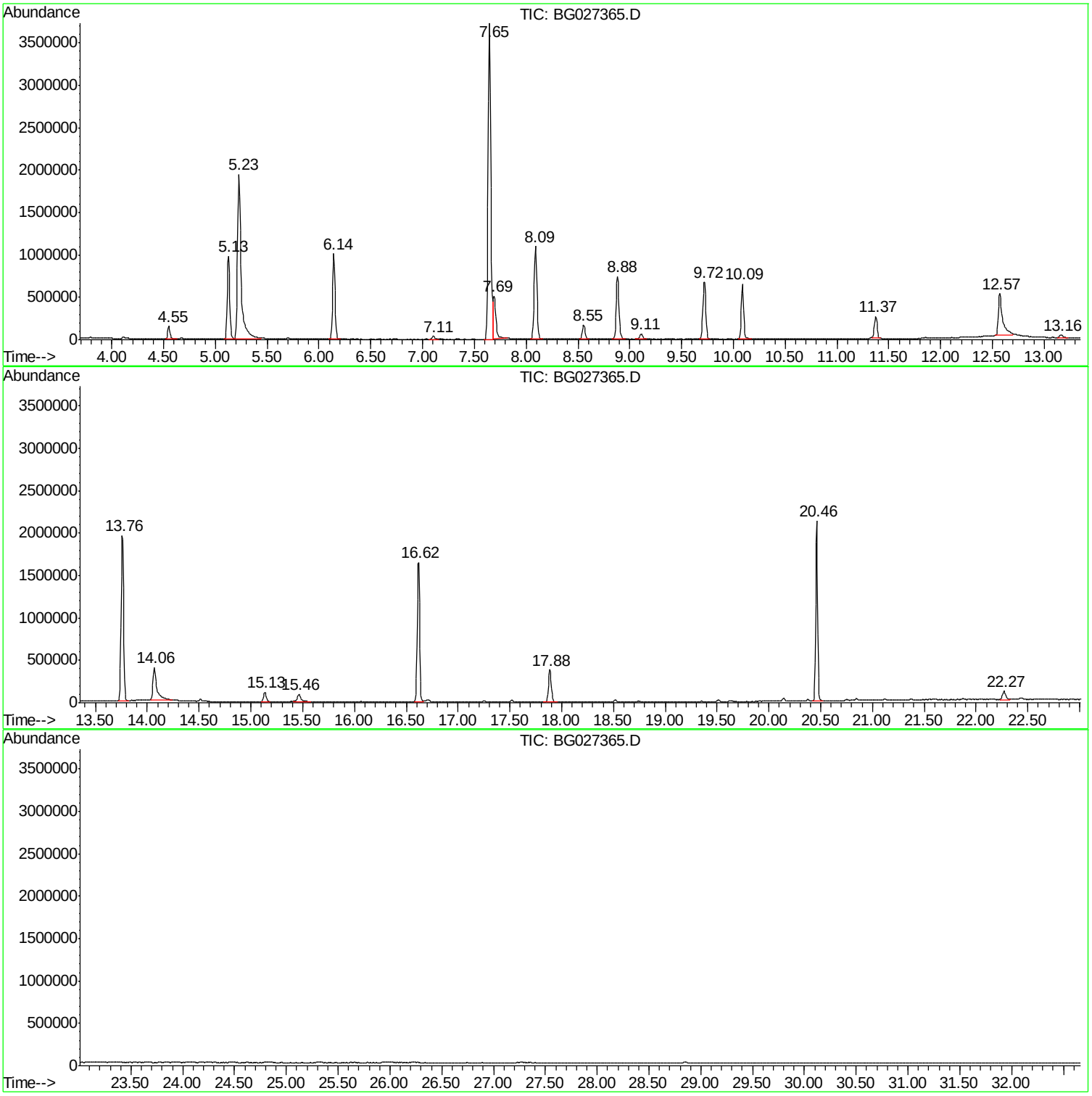
BNA_G
ClientSampleId :
HR-06-060817-C

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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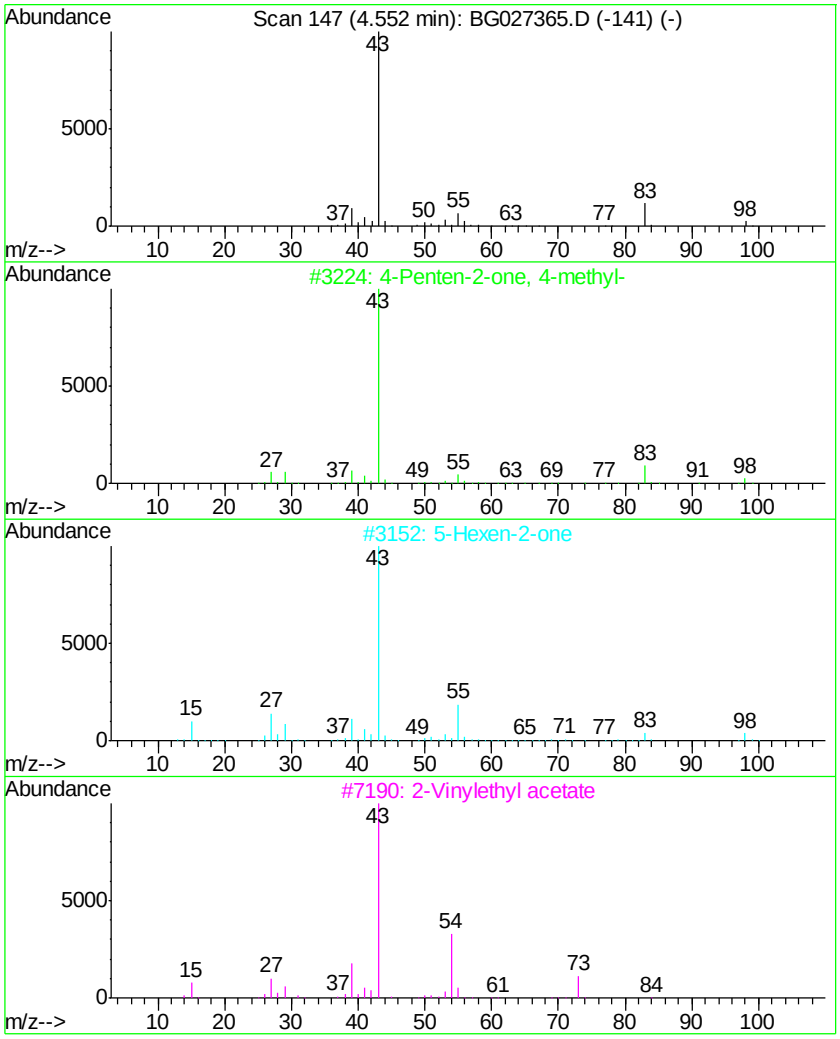
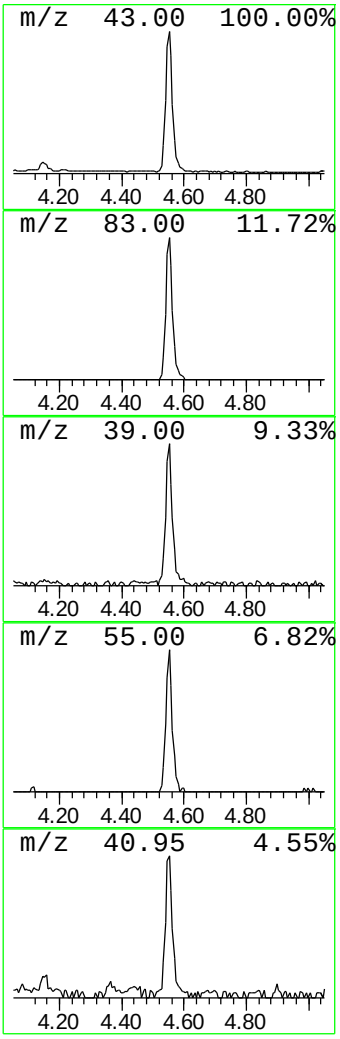
****

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	15.05 ng	237943	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	80
2	5-Hexen-2-one	98	C6H10O	000109-49-9	50
3	2-Vinylethyl acetate	114	C6H10O2	001576-84-7	28
4	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	23
5	Isoxazole, 5-methyl-	83	C4H5NO	005765-44-6	16





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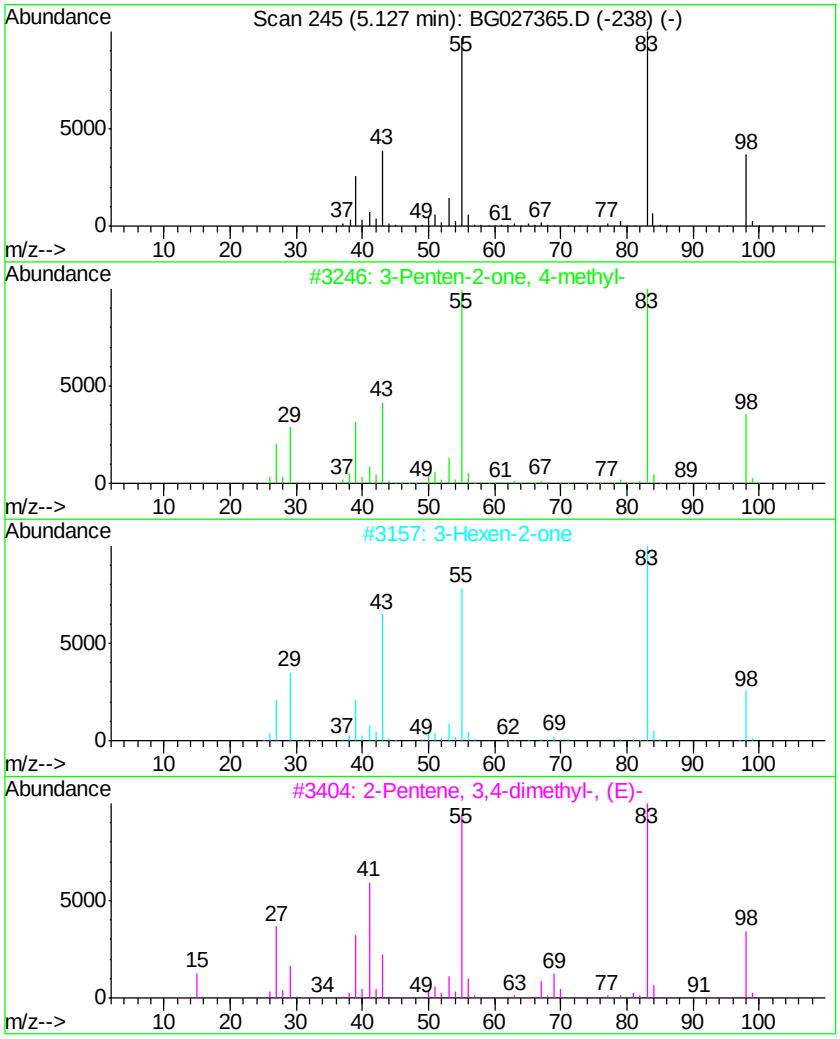
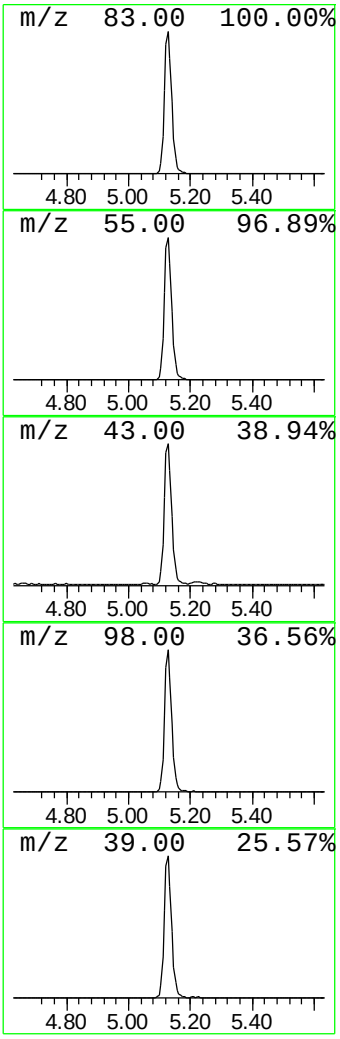
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	101.78 ng	1608780	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





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

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
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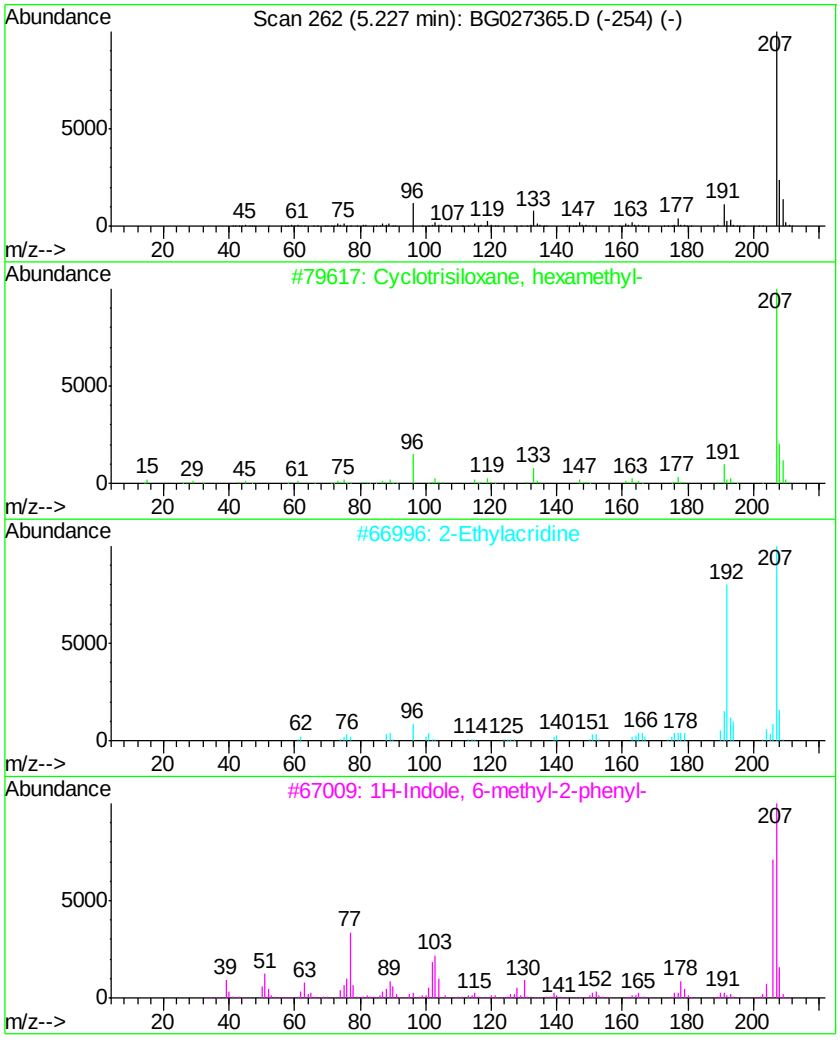
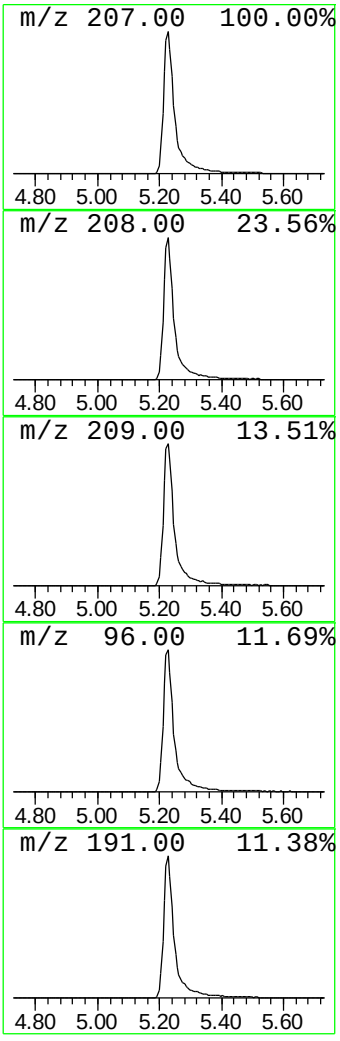
****

Peak Number 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	306.22 ng	4840230	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	2-Ethylacridine	207	C15H13N	055751-83-2	45
3	1H-Indole, 6-methyl-2-phenyl-	207	C15H13N	066354-87-8	9
4	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	9
5	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	9





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

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

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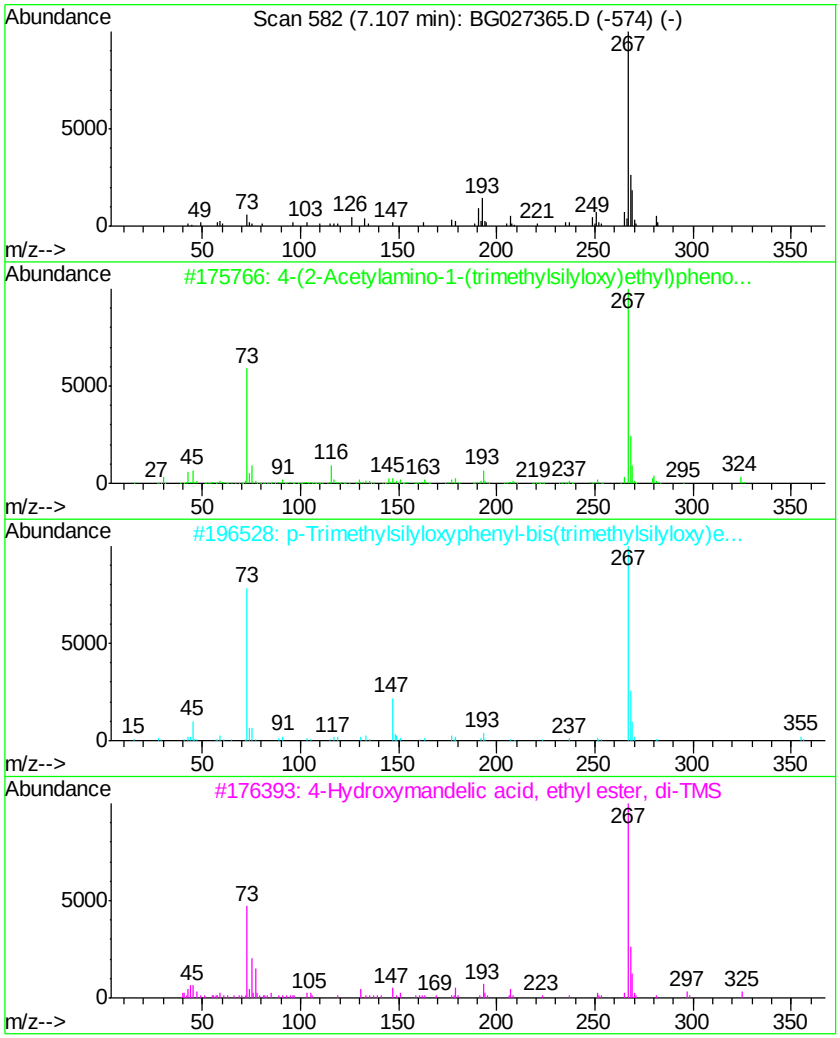
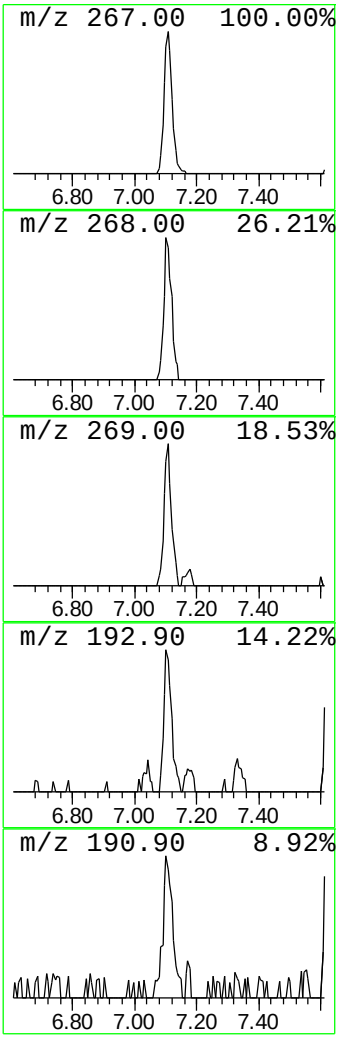
Peak Number 4 4-(2-Acetylamino-1-(trimeth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	4.28 ng	67698	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(2-Acetylamino-1-(trimethylsil...	339	C16H29NO3Si2	1000373-43-5	64
2	p-Trimethylsilyloxyphenyl-bis(tr...	370	C17H34O3Si3	1000079-08-1	64
3	4-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-53-3	56
4	Benzonitrile, 3-(2-hydroxy-5-nit...	267	C14H9N3O3	304454-14-6	53
5	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	53





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

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
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TIC Library : C:\DATABASE\NIST11.L
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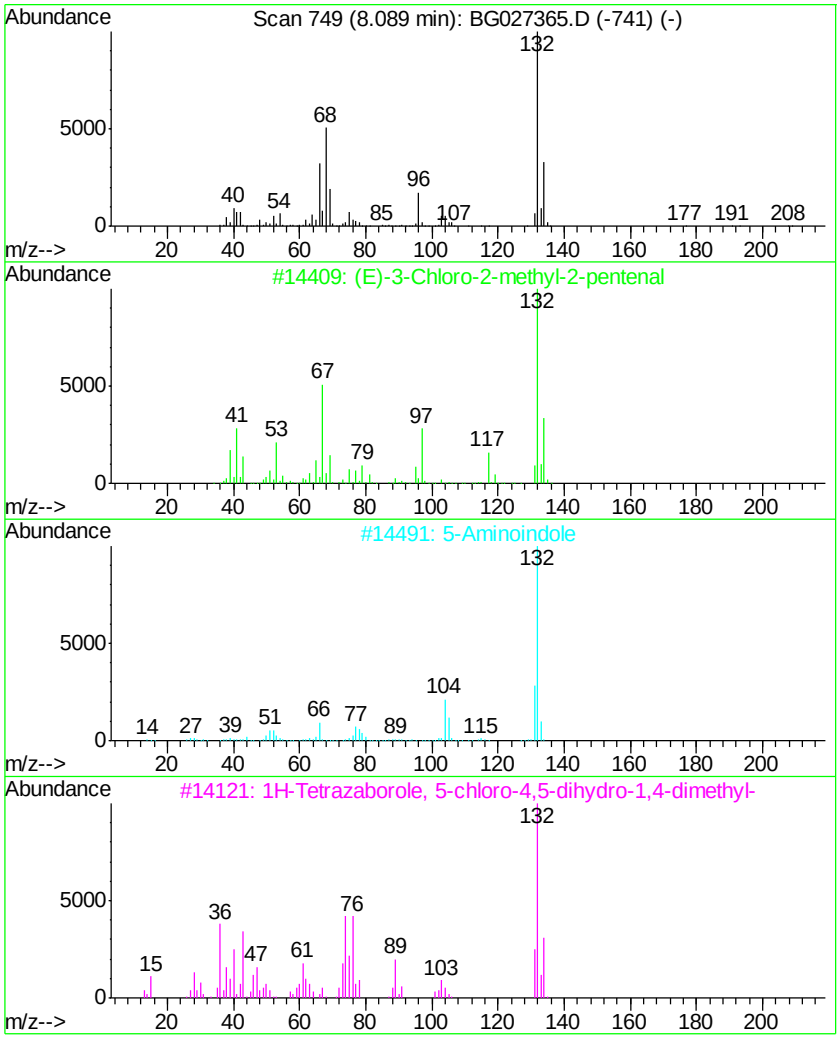
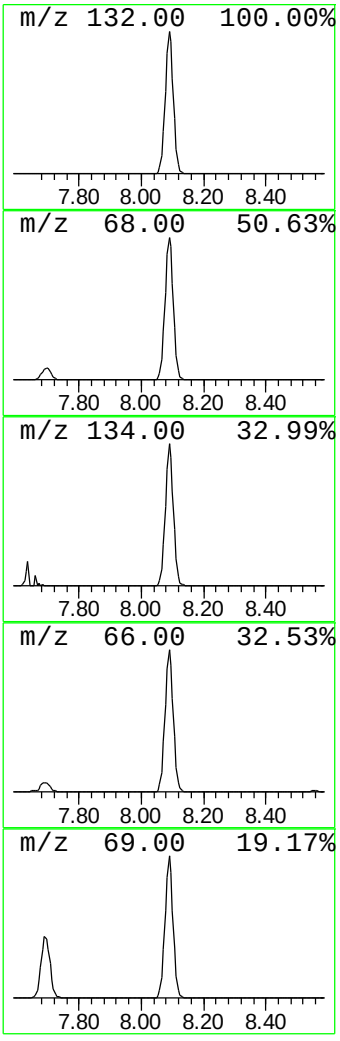
****

Peak Number 5 unknown8.09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	128.31 ng	2028090	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	16
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	14





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ClientSampleId : HR-06-060817-C

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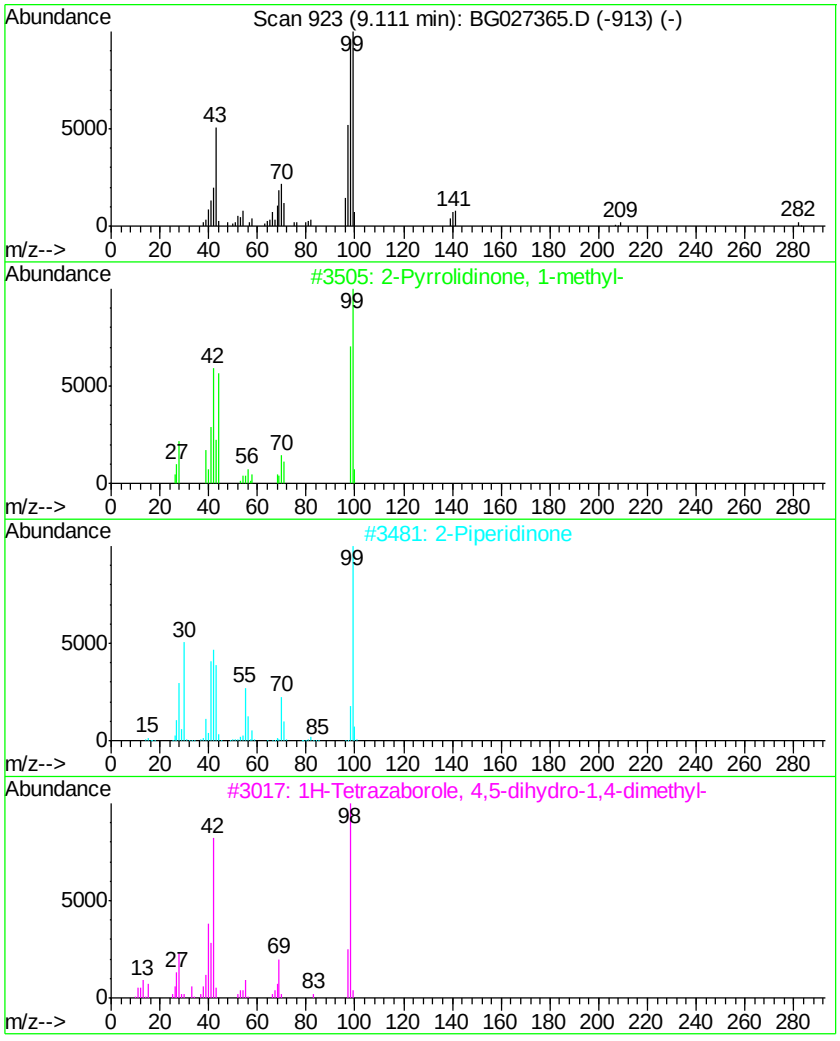
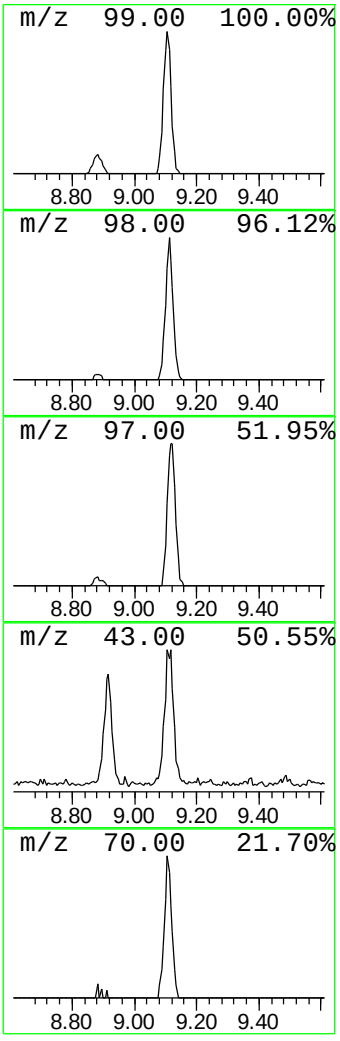
****

Peak Number 7 2-Pyrrolidinone, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	8.13 ng	128453	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	50
2	2-Piperidinone	99	C5H9NO	000675-20-7	38
3	1H-Tetrazaborole, 4,5-dihydro-1,...	98	C2H7BN4	006982-51-0	38
4	3-Furanmethanol	98	C5H6O2	004412-91-3	38
5	Pyrrolin-2-one-5-methanol, N-met...	129	C6H11NO2	1000125-98-2	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

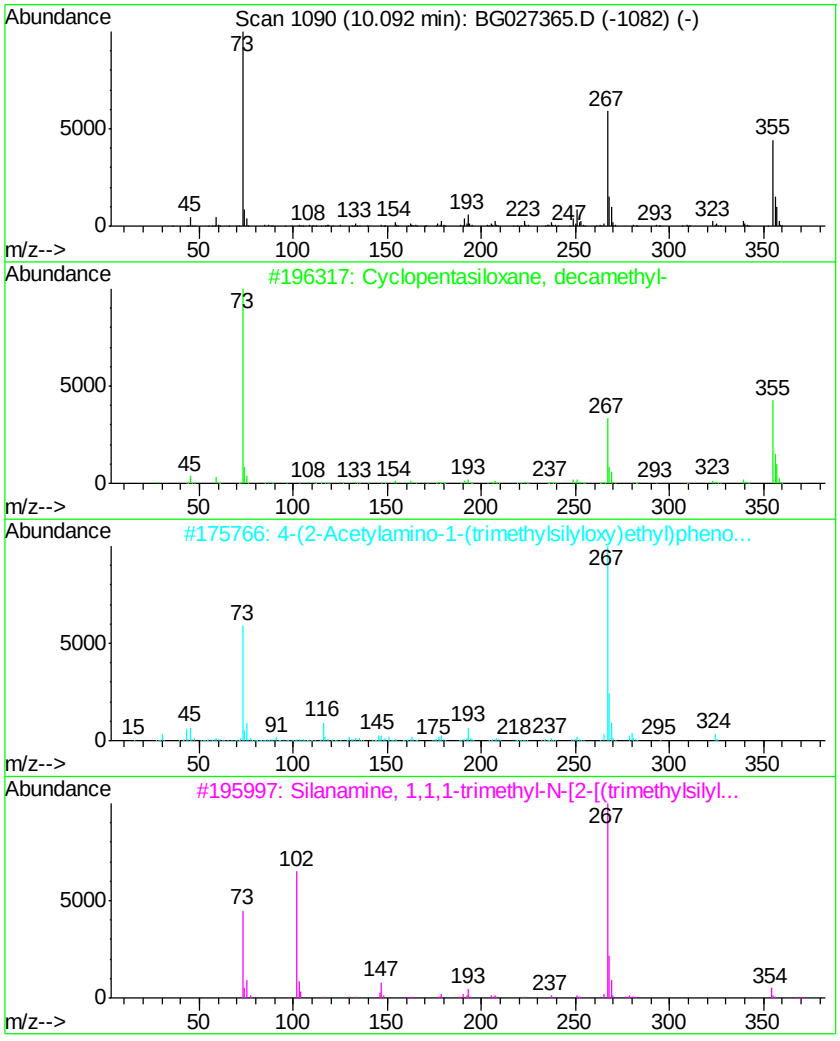
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

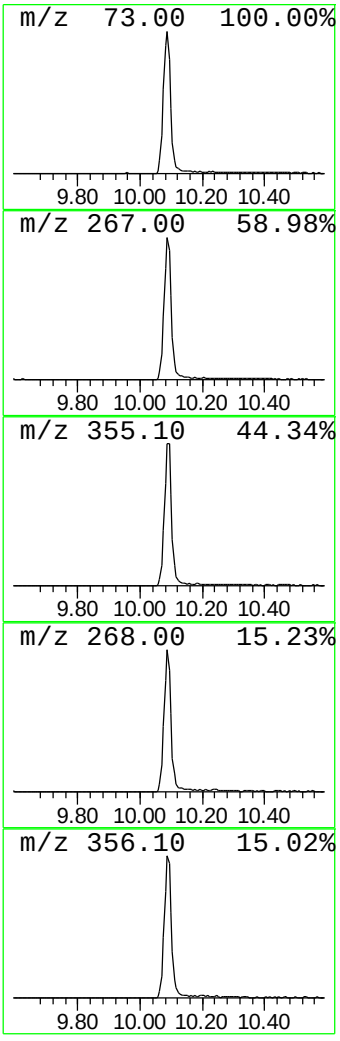
****

Peak Number 8 Cyclopentasiloxane, decamet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	42.99 ng	1052210	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	4-(2-Acetylamino-1-(trimethylsil...	339	C16H29NO3Si2	1000373-43-5	47
3	Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35NO2Si3	068595-60-8	42
4	m-Hydroxymandelic acid, tris(tri...	384	C17H32O4Si3	068595-69-7	40
5	Benzeneacetic acid, .alpha.,4-bi...	326	C15H26O4Si2	055334-40-2	40





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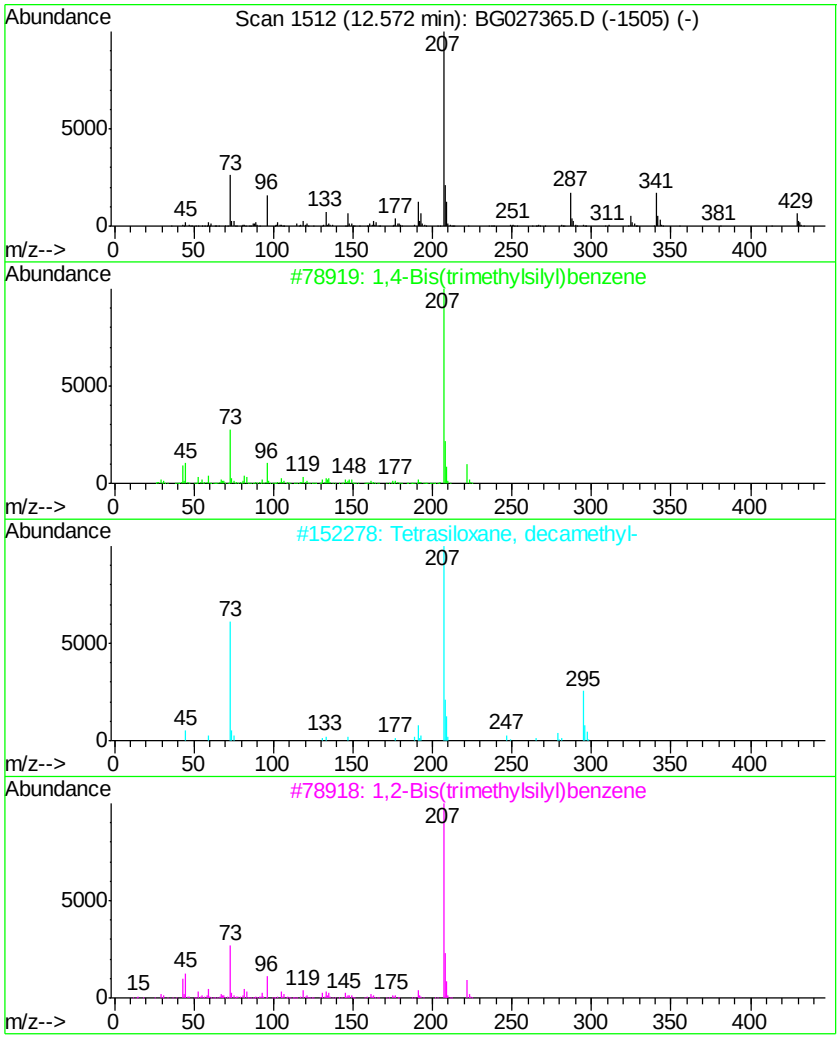
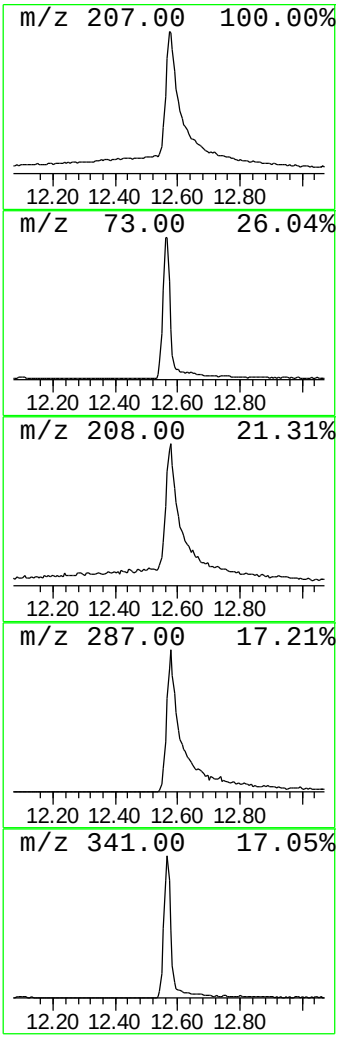
****

Peak Number 9 1,4-Bis(trimethylsilyl)benzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	57.79 ng	1414410	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Bis(trimethylsilyl)benzene	222	C12H22Si2	013183-70-5	59
2	Tetrasiloxane, decamethyl-	310	C10H30O3Si4	000141-62-8	59
3	1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	59
4	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	53
5	1,4-Benzenediol, 2,5-bis(1,1-dim...	222	C14H22O2	000088-58-4	47





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TIC Library : C:\DATABASE\NIST11.L
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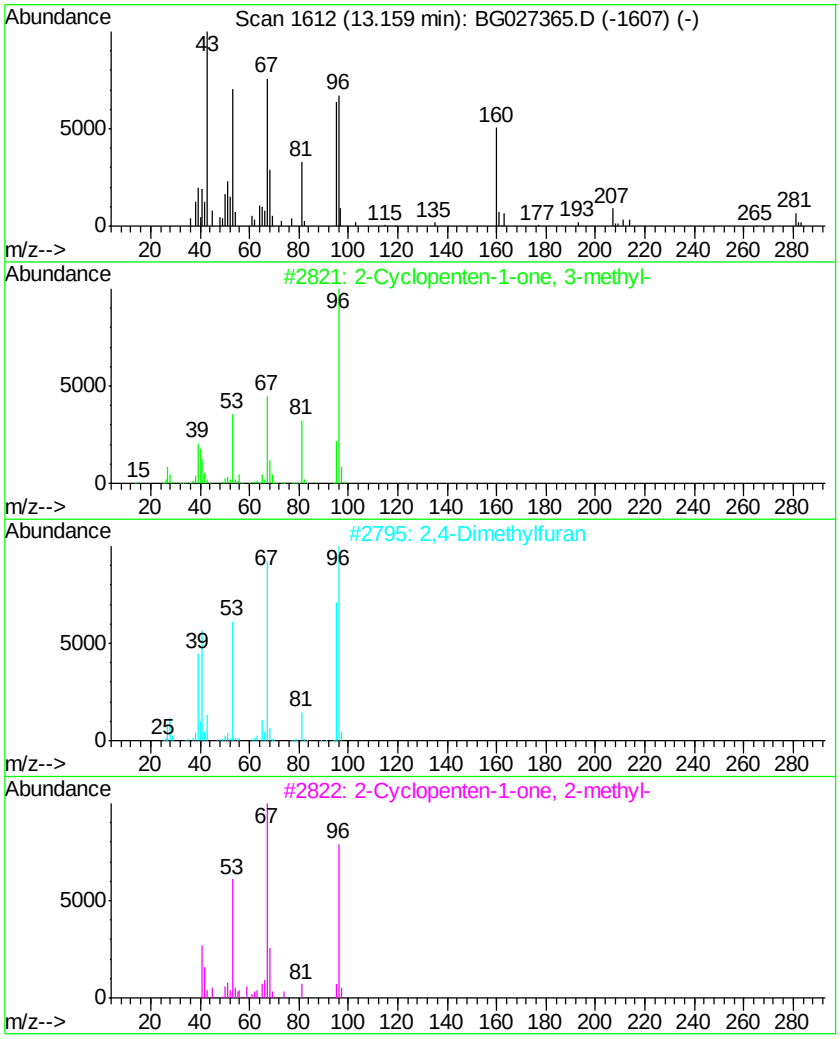
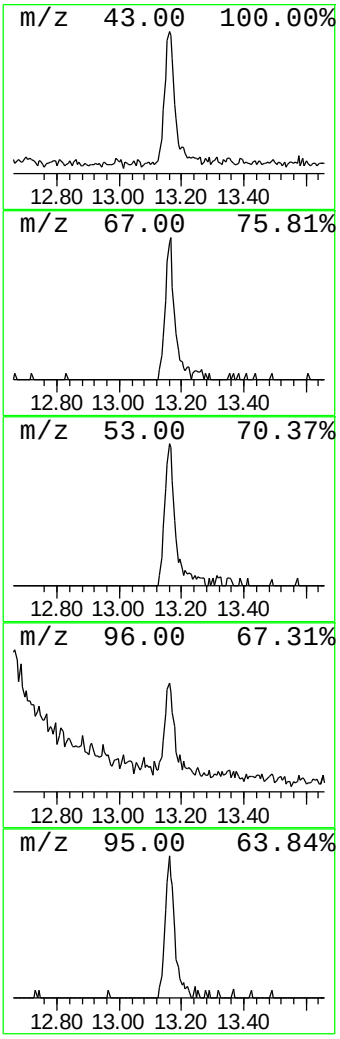
Peak Number 10 2-Cyclopenten-1-one, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.13 ng	76716	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	68
2	2,4-Dimethylfuran	96	C6H8O	003710-43-8	64
3	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	64
4	Furan, 2,5-dimethyl-	96	C6H8O	000625-86-5	60
5	Cyclopentene	68	C5H8	000142-29-0	50





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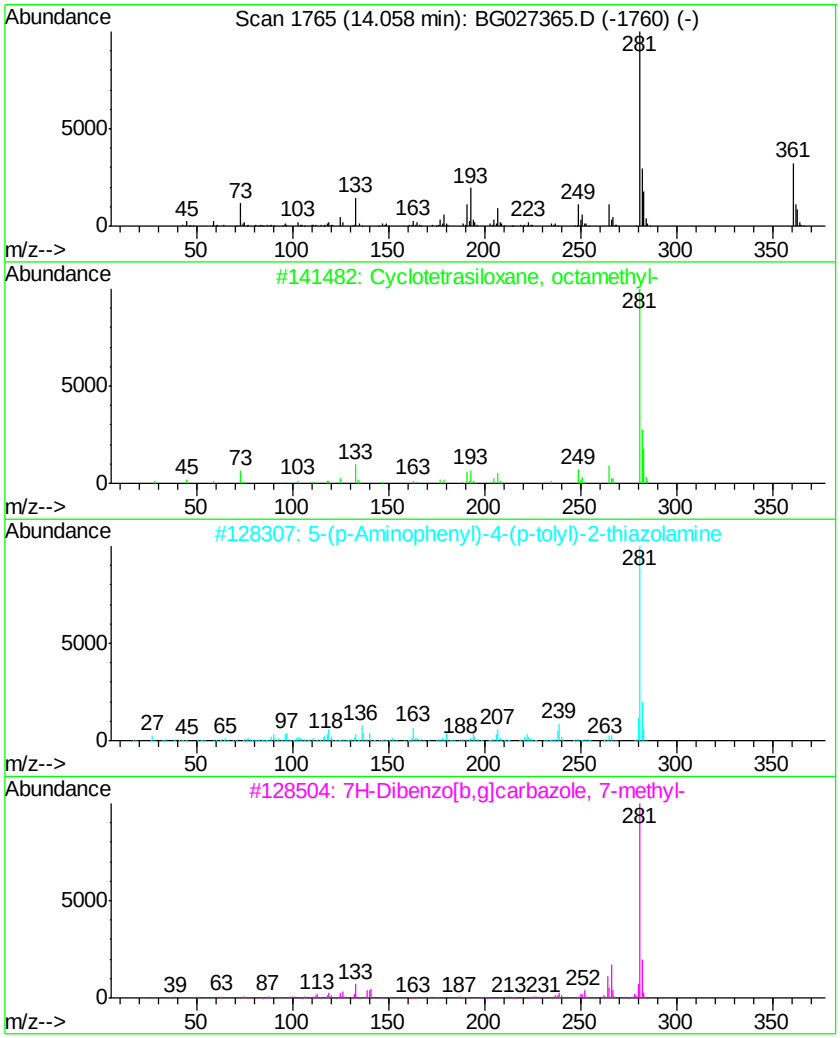
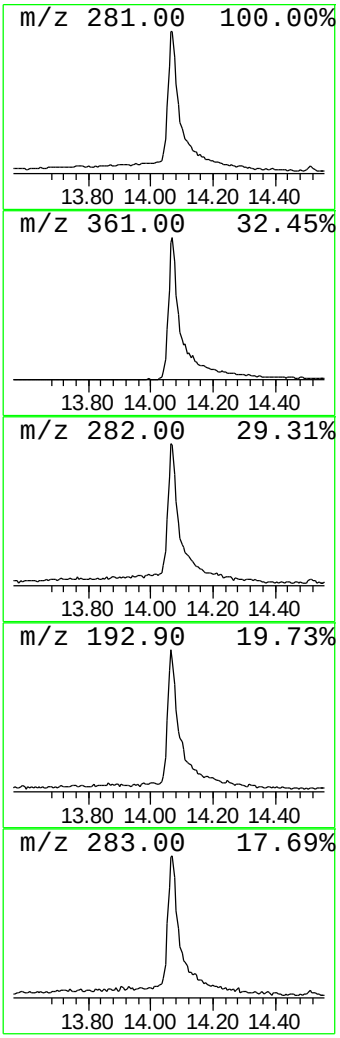
Peak Number 11 Cyclotetrasiloxane, octamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	98.00 ng	1015040	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	76
2	5-(p-Aminophenyl)-4-(p-tolyl)-2-...	281	C16H15N3S	094460-46-5	47
3	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	47
4	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	47
5	2',6'-Dihydroxyacetophenone, bis...	296	C14H24O3Si2	1000352-81-3	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027365.D
Acq On : 10 Jun 2017 2:41
Operator : SJ/MA
Sample : I3575-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

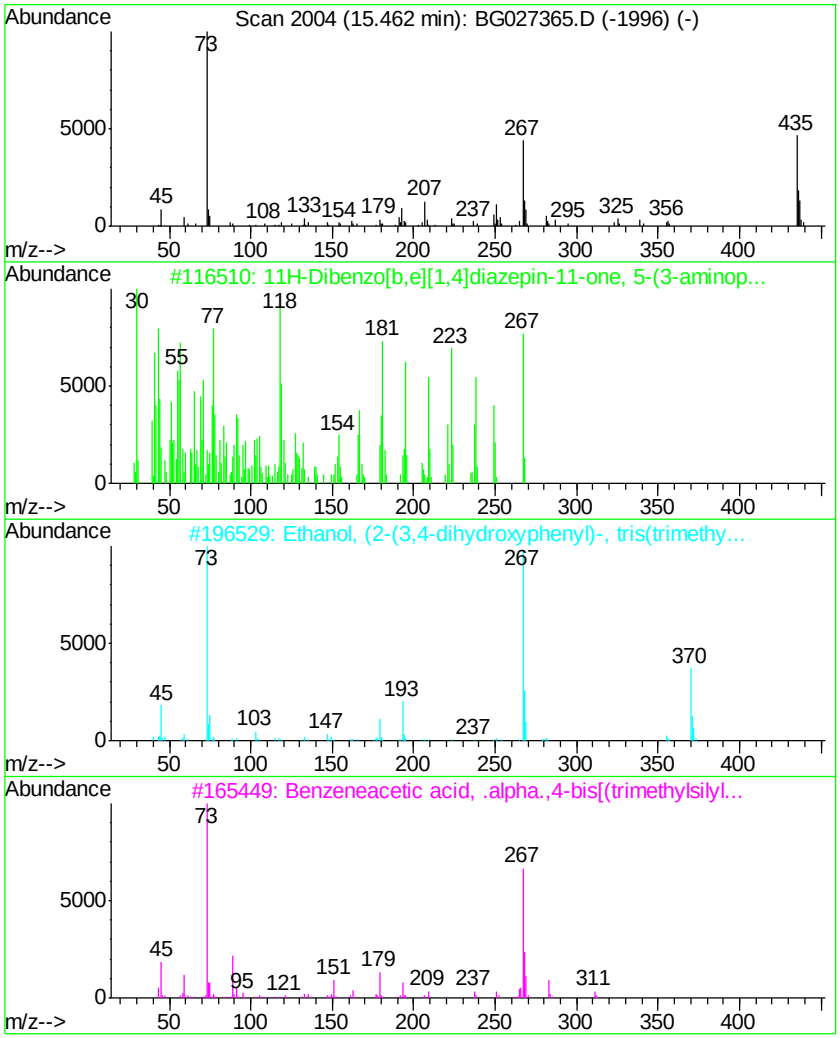
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

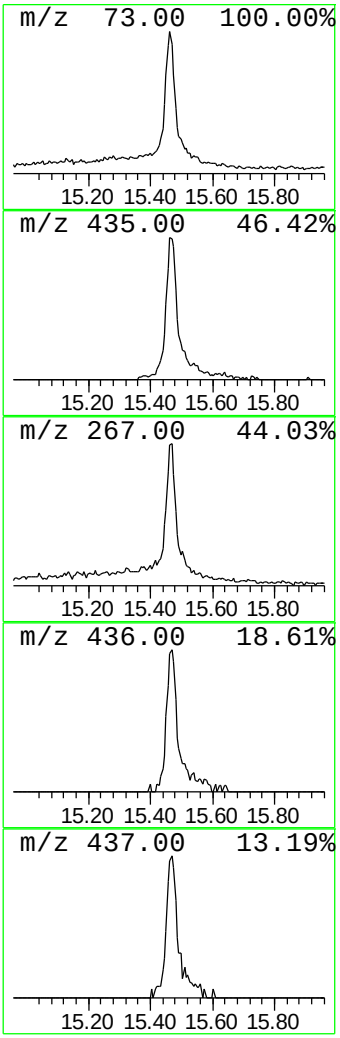
****

Peak Number 12 unknown15.46 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	20.78 ng	215183	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	35
2	Ethanol, (2-(3,4-dihydroxyphenyl...	370	C17H34O3Si3	068595-80-2	25
3	Benzeneacetic acid, .alpha.,4-bi...	326	C15H26O4Si2	055334-40-2	25
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	25
5	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027365.D
Acq On : 10 Jun 2017 2:41
Operator : SJ/MA
Sample : I3575-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4-Penten-2-one, 4...	4.55	15.1	ng	237943	1	8.55	316123	20.0
3-Penten-2-one, 4...	5.13	101.8	ng	1608780	1	8.55	316123	20.0
Cyclotrisiloxane,...	5.23	306.2	ng	4840230	1	8.55	316123	20.0
4-(2-Acetylamino-...	7.11	4.3	ng	67698	1	8.55	316123	20.0
unknown8.09	8.09	128.3	ng	2028090	1	8.55	316123	20.0
2-Pyrrolidinone, ...	9.11	8.1	ng	128453	1	8.55	316123	20.0
Cyclopentasiloxan...	10.09	43.0	ng	1052210	2	11.37	489503	20.0
1,4-Bis(trimethyl...	12.57	57.8	ng	1414410	2	11.37	489503	20.0
2-Cyclopenten-1-o...	13.16	3.1	ng	76716	2	11.37	489503	20.0
Cyclotetrasiloxan...	14.06	98.0	ng	1015040	3	15.13	207143	20.0
unknown15.46	15.46	20.8	ng	215183	3	15.13	207143	20.0