LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027362.D
Acq On : 10 Jun 2017 00:43
Operator : SJ/MA
Sample : I3563-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-04-060817

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	142	147	158	rVB	148620	224048	1.89%	0.485%
2	4.669	160	167	175	rBV	95083	154006	1.30%	0.333%
3	5.128	238	245	254	rBV	896293	1463112	12.32%	3.165%
4	5.221	254	261	300	rBV	4067685	10133010	85.35%	21.918%
5	6.144	408	418	428	rBV	914424	1577932	13.29%	3.413%
6	7.102	575	581	588	rBV	277861	434157	3.66%	0.939%
7	7.648	663	674	680	rBV	6274904	11872064	100.00%	25.680%
8	8.089	741	749	760	rVB	976449	1789535	15.07%	3.871%
9	8.553	822	828	836	rVB	173364	320996	2.70%	0.694%
10	8.882	877	884	896	rVB	654227	1260977	10.62%	2.728%
11	9.716	1018	1026	1038	rVB	593970	1137164	9.58%	2.460%
12	10.086	1082	1089	1101	rBV	1459294	2372552	19.98%	5.132%
13	11.373	1295	1308	1314	rBV	263929	531131	4.47%	1.149%
14	12.566	1505	1511	1550	rBV2	655093	1883821	15.87%	4.075%
15	13.759	1707	1714	1722	rBV	1663610	2666776	22.46%	5.768%
16	14.064	1760	1766	1789	rBV	426850	1151134	9.70%	2.490%
17	15.133	1942	1948	1956	rBV2	147878	273799	2.31%	0.592%
18	15.462	1994	2004	2020	rVB	109085	257164	2.17%	0.556%
19	16.620	2193	2201	2209	rBV	1268708	2090826	17.61%	4.523%
20	17.883	2409	2416	2428	rBV2	405929	721328	6.08%	1.560%
21	20.462	2848	2855	2864	rBV2	2448148	3459887	29.14%	7.484%
22	22.272	3155	3163	3175	rVB3	204168	456213	3.84%	0.987%

Sum of corrected areas: 46231632

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027362.D
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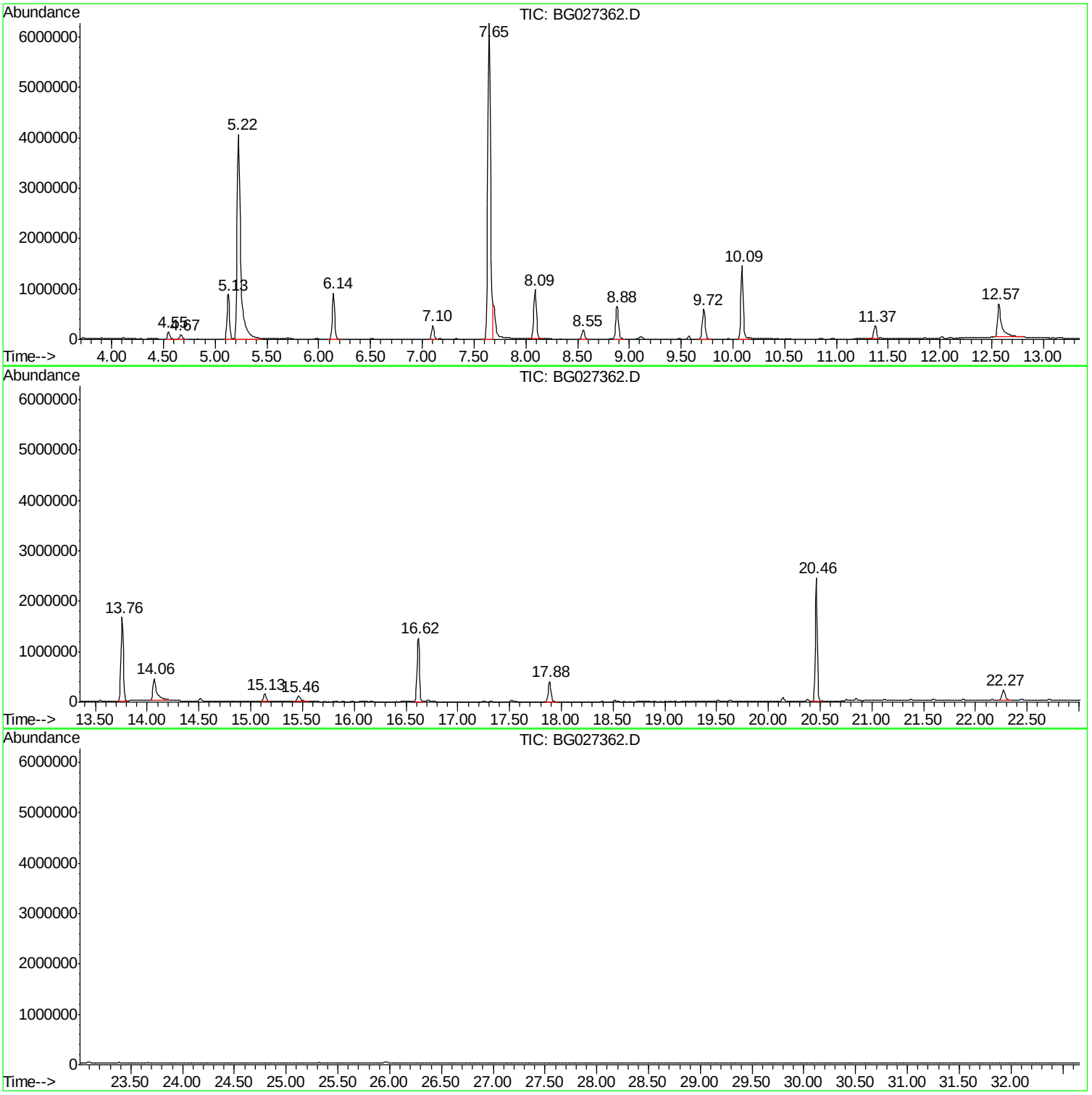
Sample : I3563-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-04-060817

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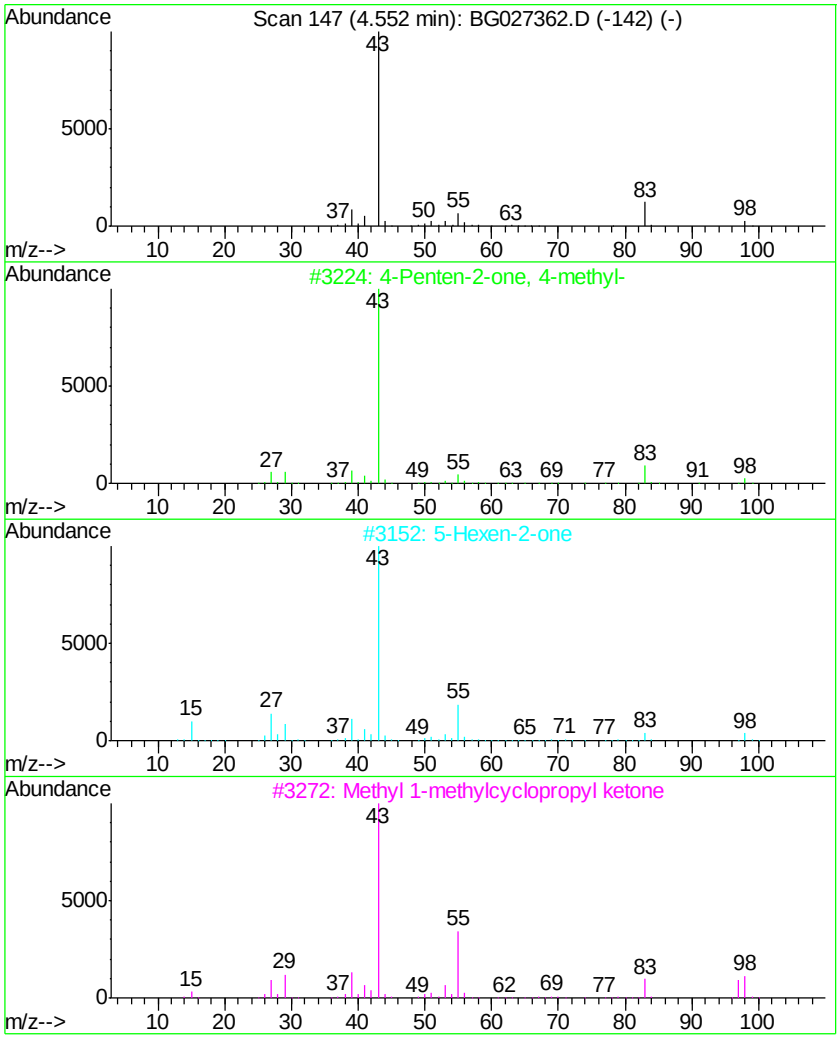
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

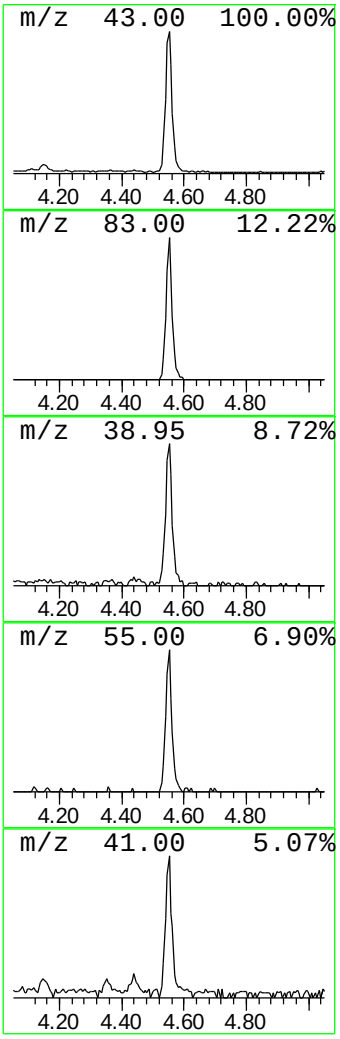
****

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	13.96 ng	224048	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	49
3	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	40
4	2-Vinylethyl acetate	114	C6H10O2	001576-84-7	25
5	Isoxazole, 5-methyl-	83	C4H5NO	005765-44-6	9





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Operator : SJ/MA
Sample : I3563-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-04-060817

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

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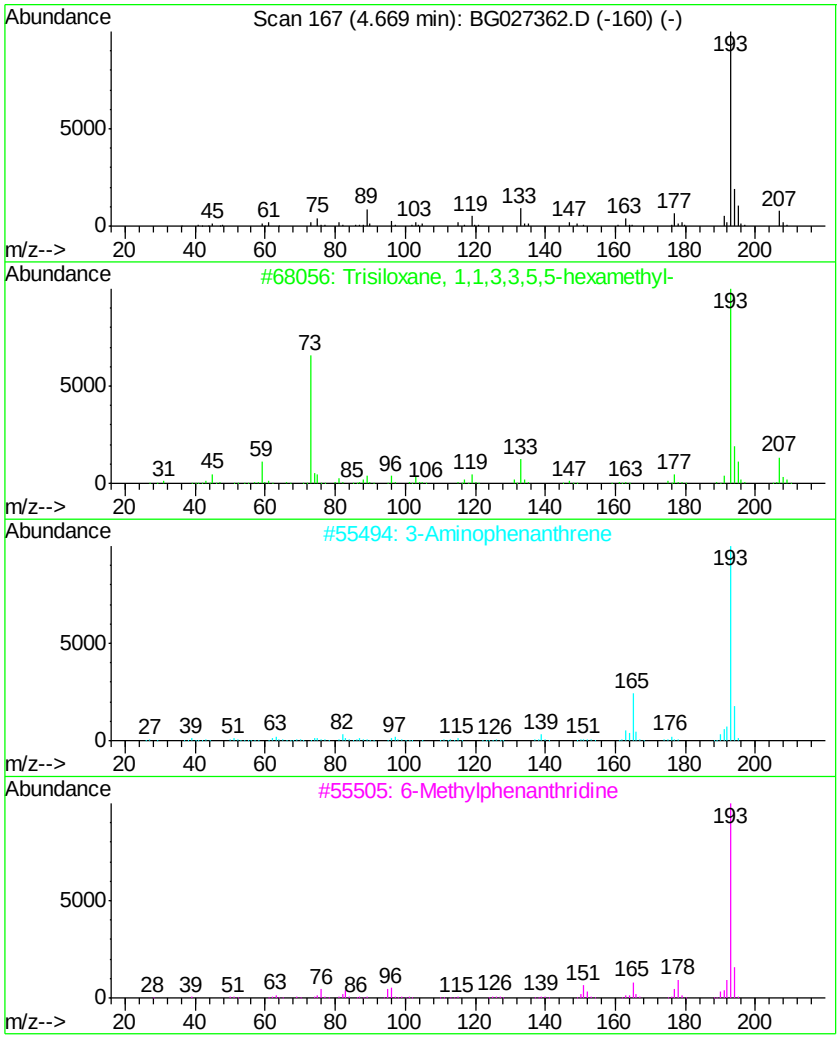
TIC Integration Parameters: LSCINT.P

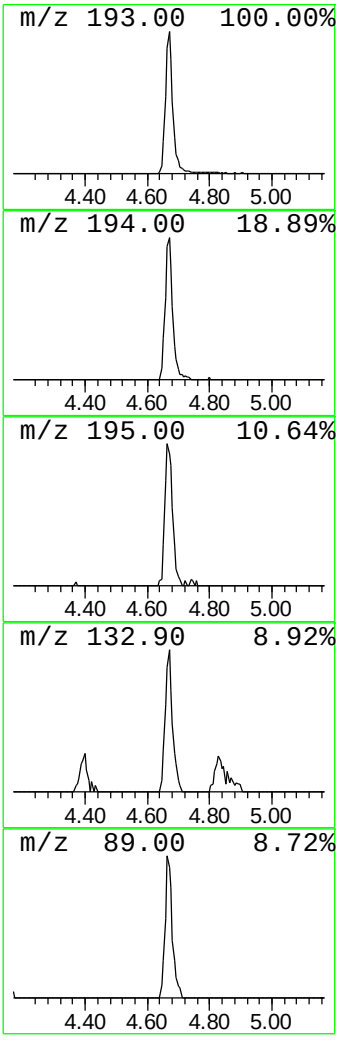
****

Peak Number 2 Trisiloxane, 1,1,3,3,5,5-he... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	9.60 ng	154006	1,4-Dichlorobenzene-d4	8.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,3,3,5,5-hexamet...	208	C6H20O2Si3	001189-93-1	80
2	3-Aminophenanthrene	193	C14H11N	001892-54-2	64
3	6-Methylphenanthridine	193	C14H11N	003955-65-5	64
4	3-Phenylindole	193	C14H11N	001504-16-1	59
5	1-Anthracenamine	193	C14H11N	000610-49-1	59





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Operator : SJ/MA
Sample : I3563-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-04-060817

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

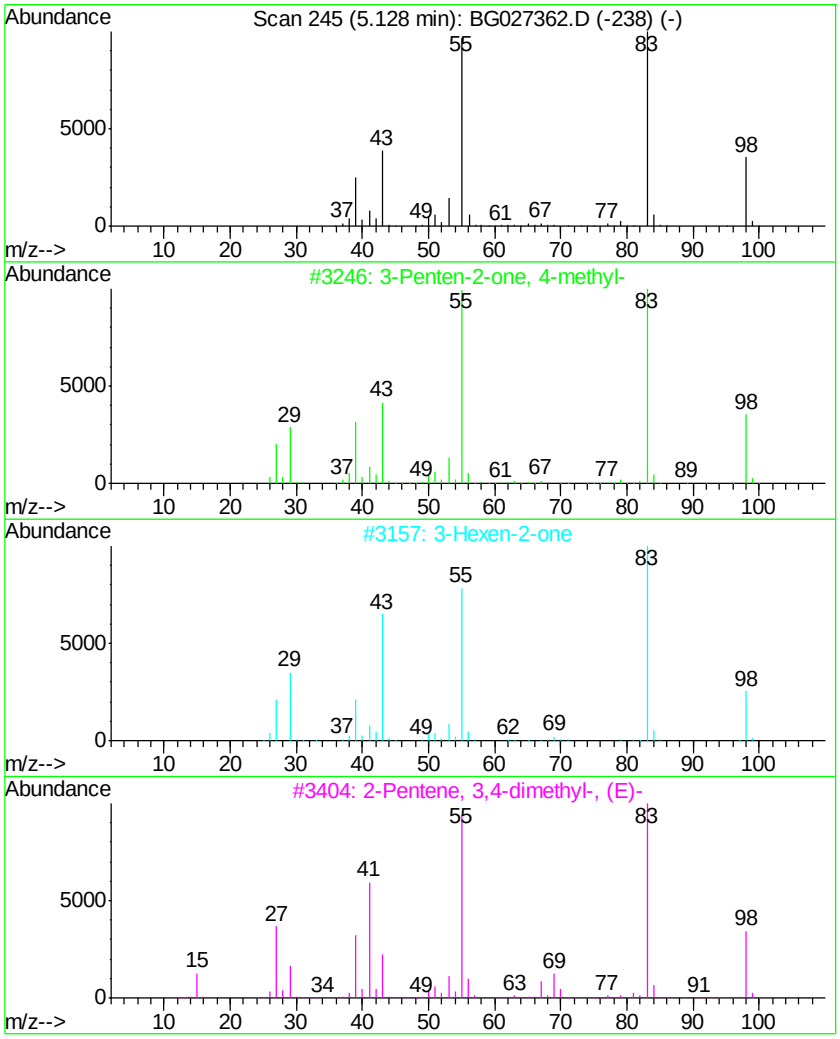
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

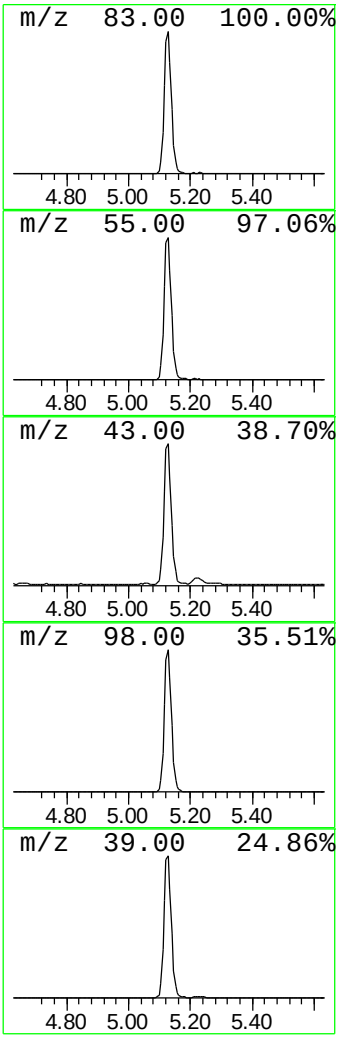
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	91.16 ng	1463110	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	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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Operator : SJ/MA
Sample : I3563-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-04-060817

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

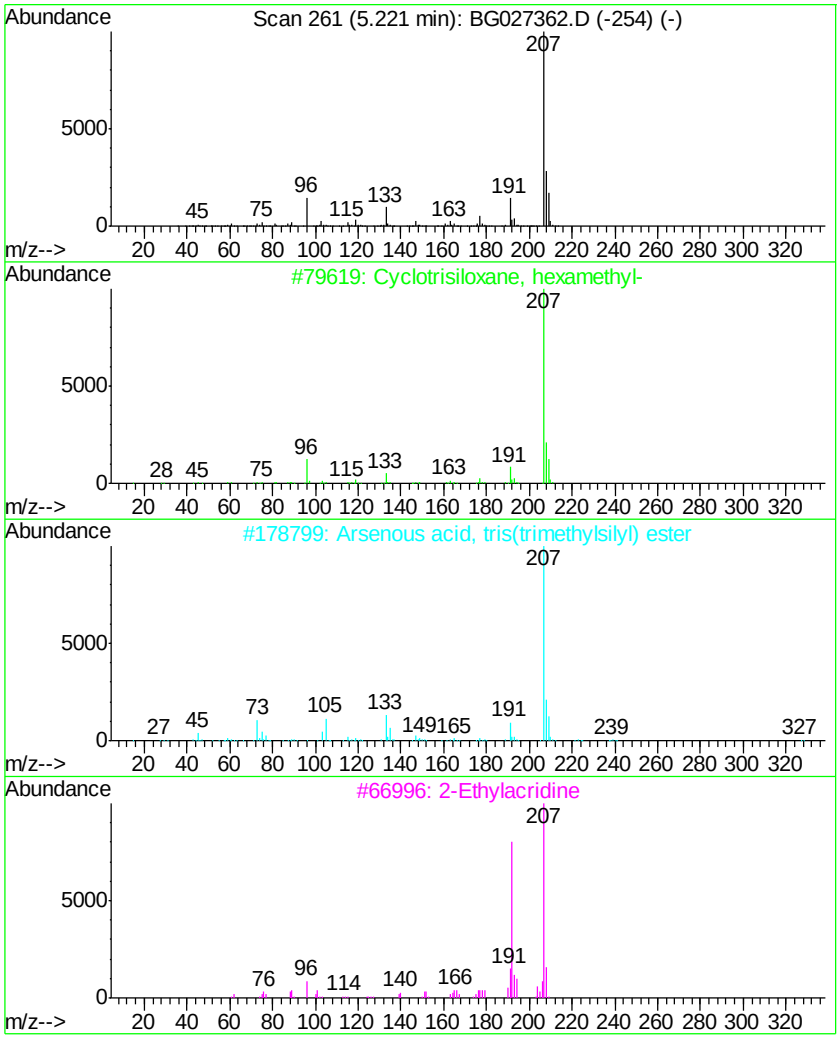
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

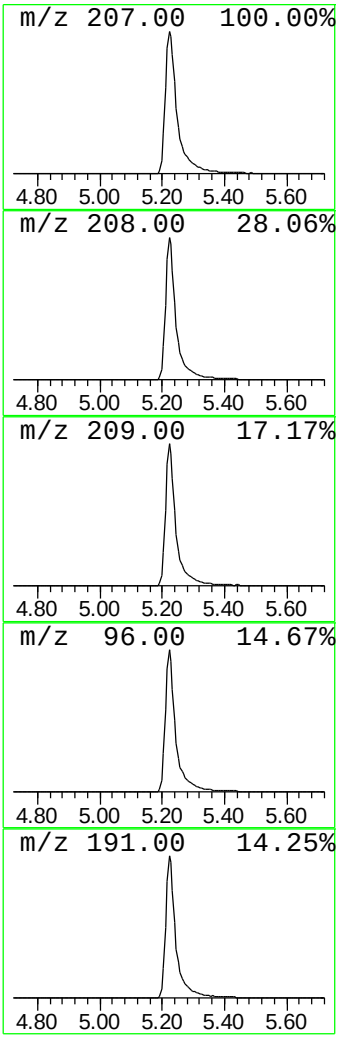
****

Peak Number 4 Cyclotrisiloxane, hexamethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	631.35 ng	10133000	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	78
3	2-Ethylacridine	207	C15H13N	055751-83-2	38
4	2-p-Nitrophenyl-oxadiazol-1,3,4-...	207	C8H5N3O4	1000147-64-6	9
5	1,3,5-Triazine, 2-chloro-4,6-bis...	207	C5H6ClN3S2	004407-40-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
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Sample : I3563-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-04-060817

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

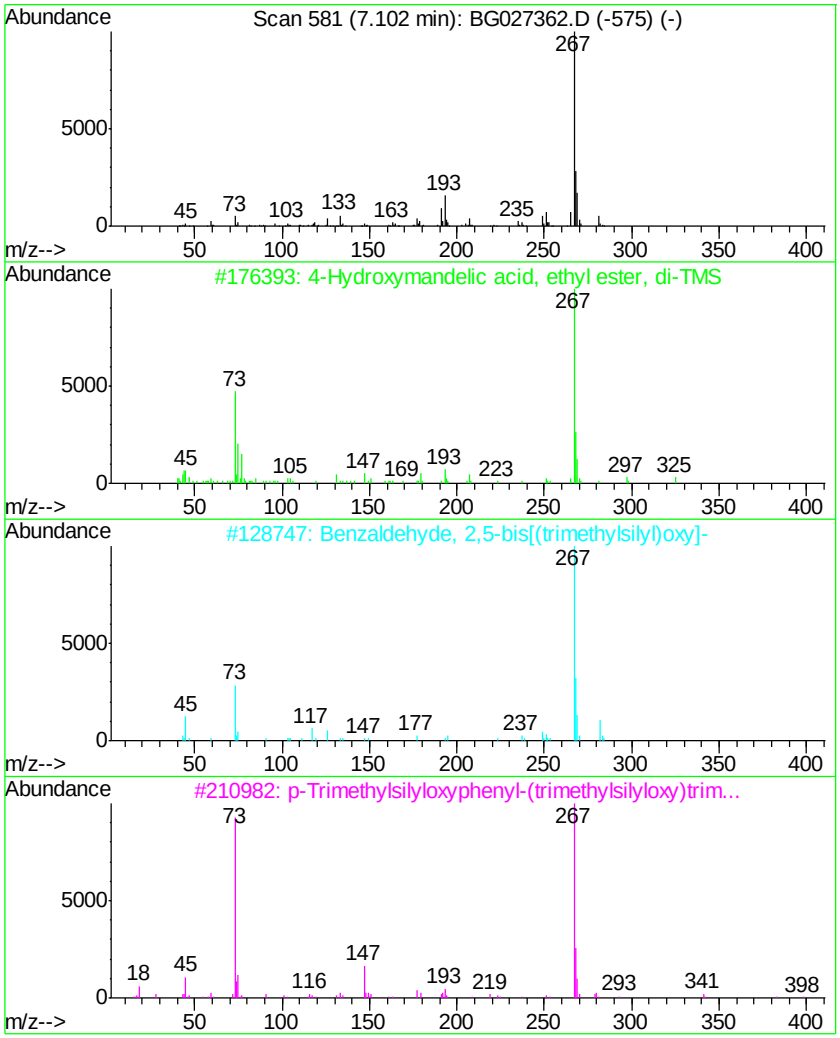
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

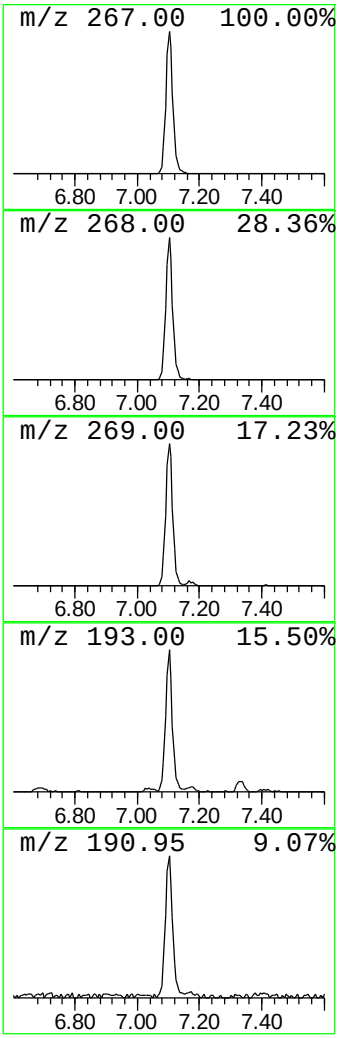
****

Peak Number 5 4-Hydroxymandelic acid, eth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	27.05 ng	434157	1,4-Dichlorobenzene-d4	8.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-53-3	64
2	Benzaldehyde, 2,5-bis[(trimethyl...	282	C13H22O3Si2	056114-69-3	59
3	p-Trimethylsilyloxyphenyl-(trime...	398	C18H34O4Si3	1000079-05-1	59
4	Benzeneethanamine, N-butyl-.beta...	353	C18H35NO2Si2	040629-66-1	59
5	3-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-88-9	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
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Operator : SJ/MA
Sample : I3563-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-04-060817

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

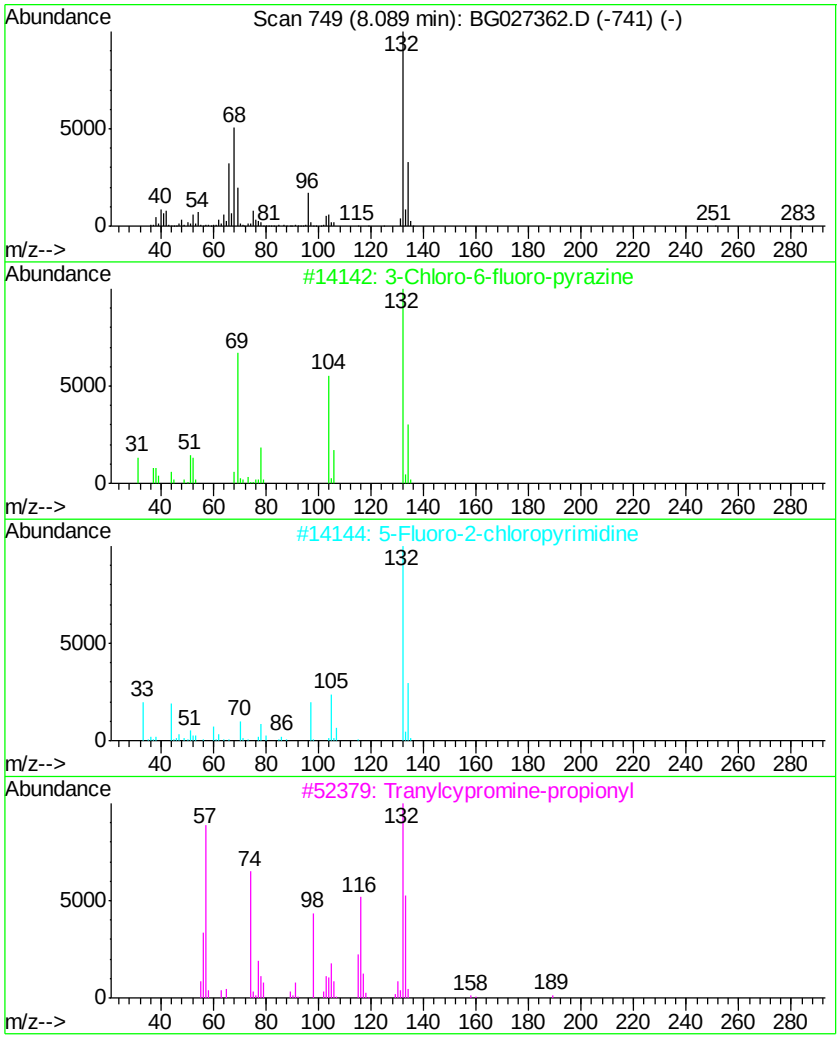
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

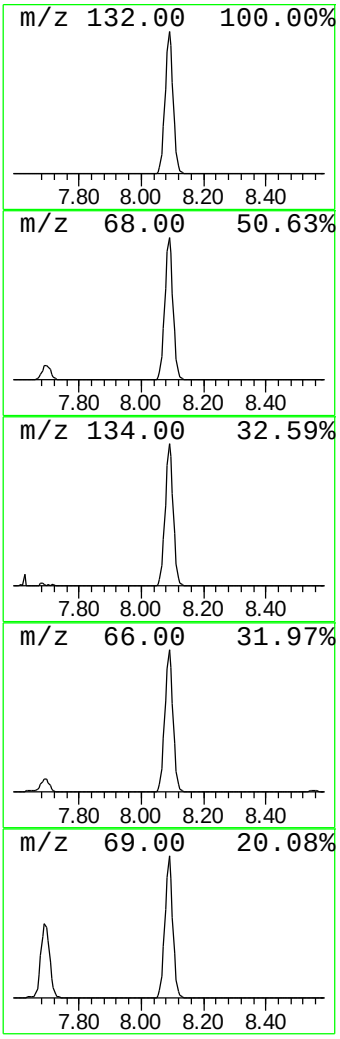
****

Peak Number 6 unknown8.09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	111.50 ng	1789540	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	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	9





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Instrument : BNA_G
ClientSampleId : OK-04-060817

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

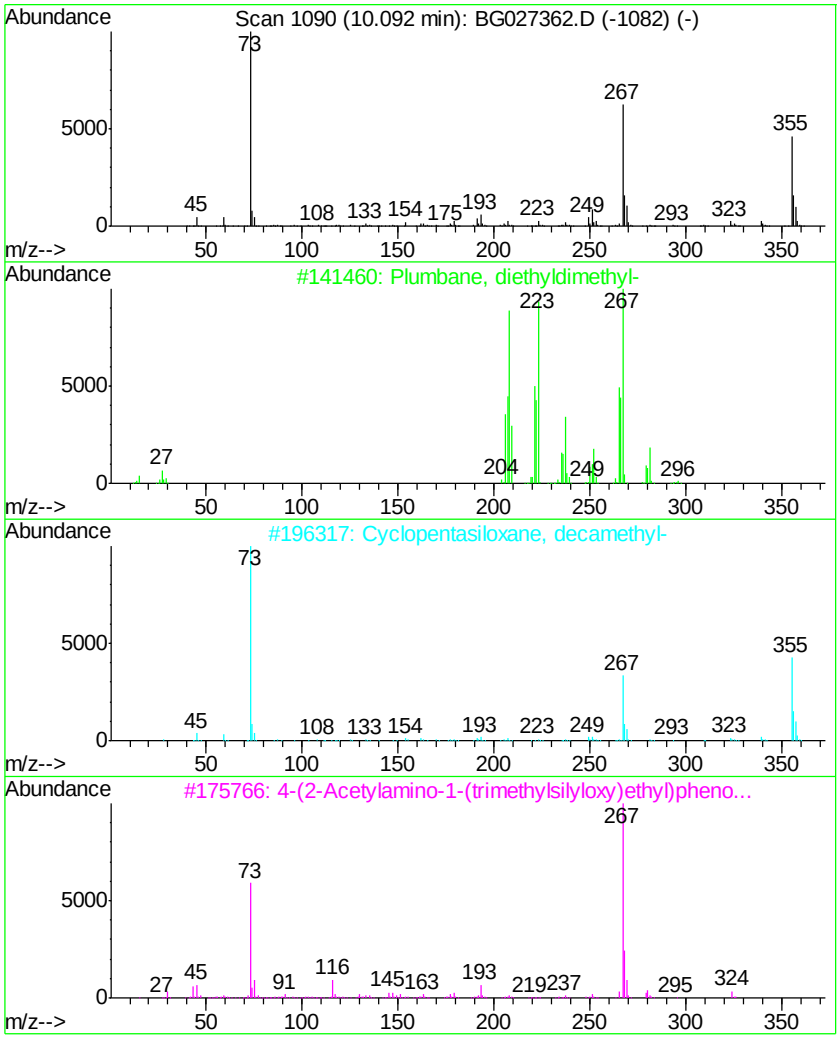
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

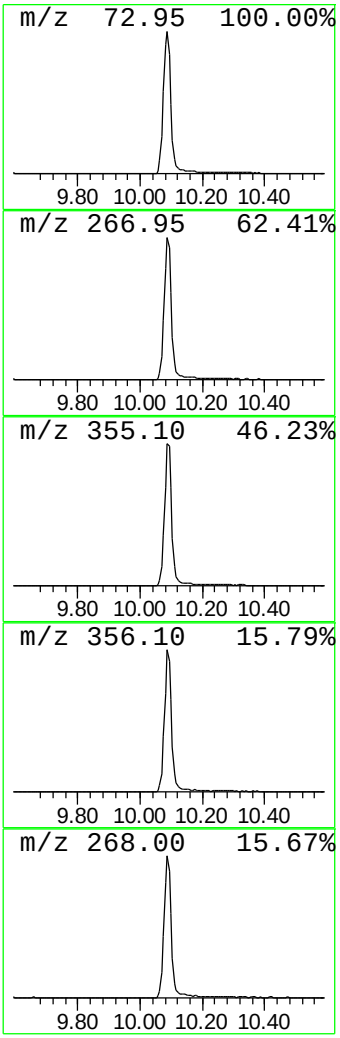
****

Peak Number 8 Plumbane, diethyldimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	89.34 ng	2372550	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Plumbane, diethyldimethyl-	296	C6H16Pb	001762-27-2	78
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
3	4-(2-Acetylamino-1-(trimethylsil...	339	C16H29NO3Si2	1000373-43-5	43
4	3-Amino-2-phenazinol ditms	355	C18H25N3OSi2	1000332-15-5	38
5	N-(Trifluoracetyl)-O,O',O''-tris...	495	C20H36F3NO4Si3	054135-51-2	37





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Instrument : BNA_G
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TIC Library : C:\DATABASE\NIST11.L
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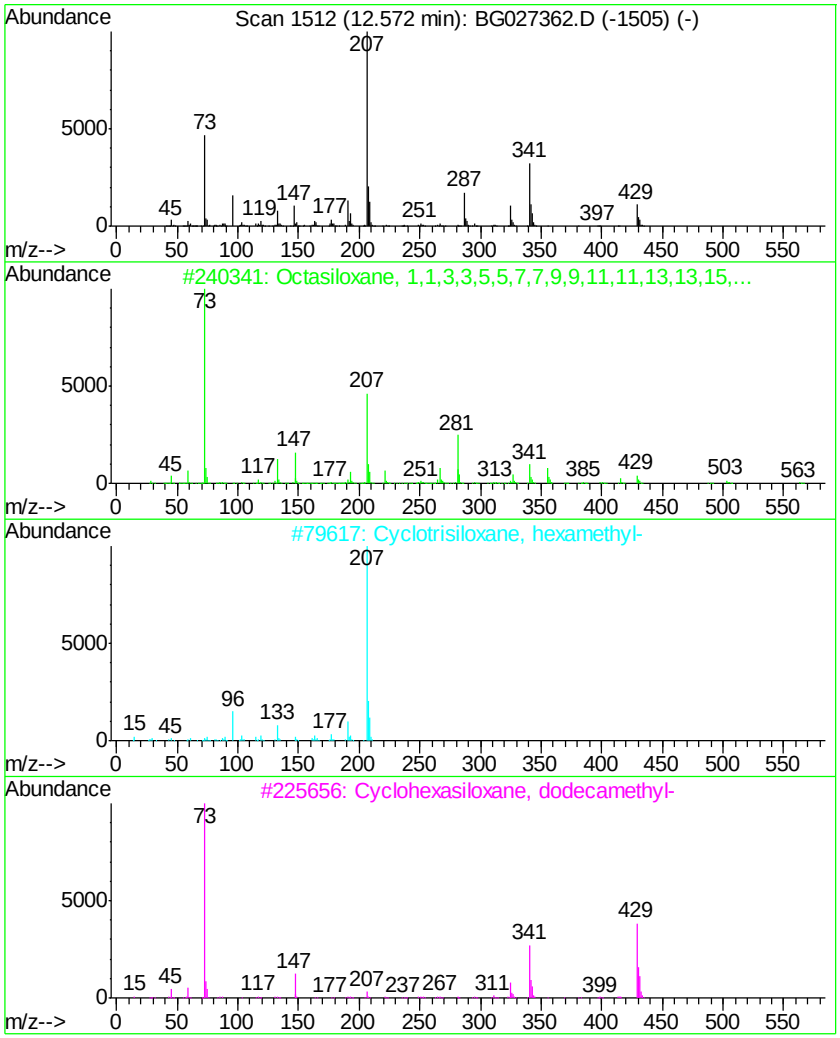
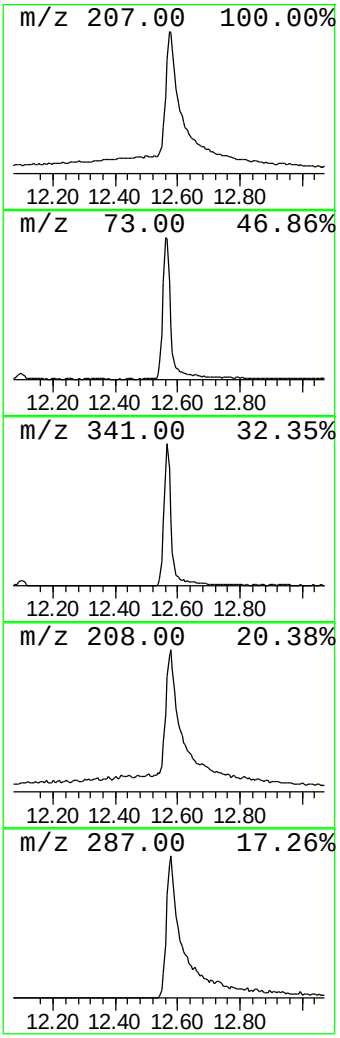
****

Peak Number 9 unknown12.57 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	70.94 ng	1883820	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	45
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	43
3	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	41
4	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	38
5	Methyltris(trimethylsiloxy)silane	310	C10H30O3Si4	017928-28-8	38





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

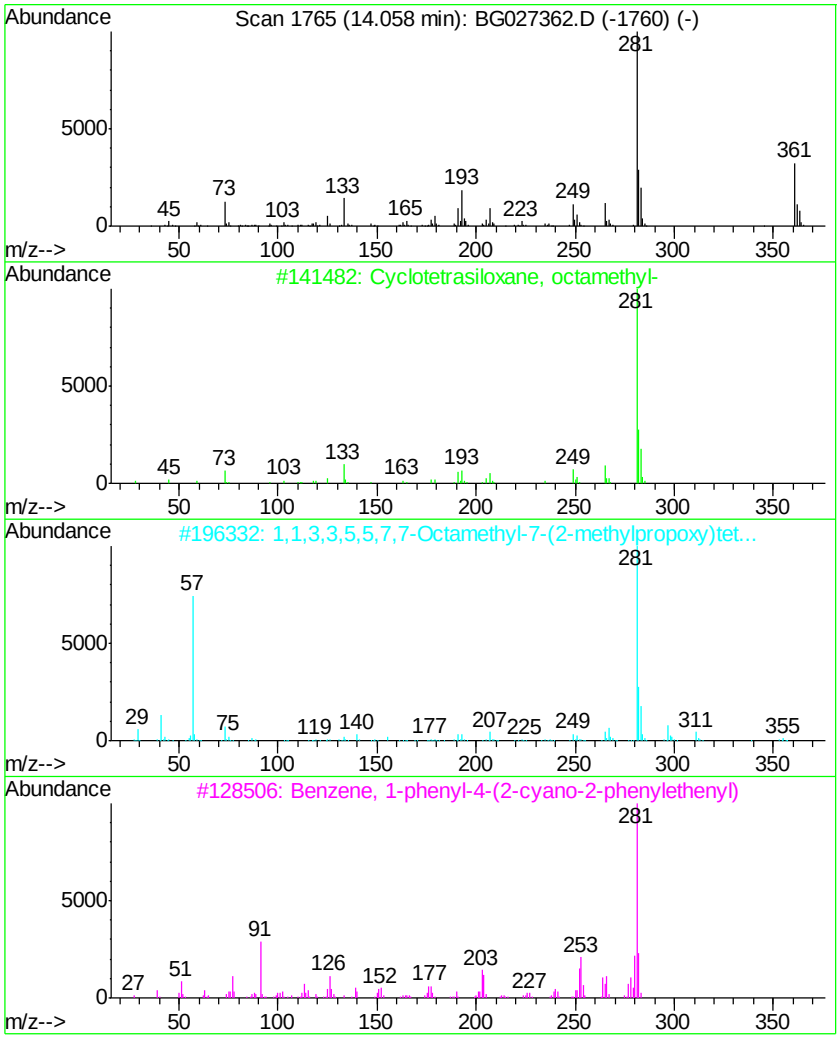
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

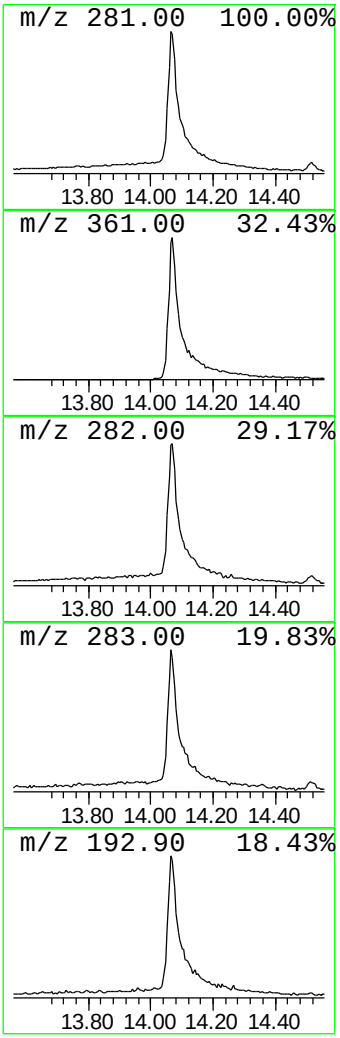
****

Peak Number 10 Cyclotetrasiloxane, octamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	84.09 ng	1151130	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	76
2	1,1,3,3,5,5,7,7-Octamethyl-7-(2-...	370	C12H34O5Si4	1000364-61-2	50
3	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	50
4	5-(p-Aminophenyl)-4-(p-tolyl)-2-...	281	C16H15N3S	094460-46-5	47
5	4H-1,2,4-Triazole-3-thiol, 4-all...	281	C16H15N3S	031803-13-1	46





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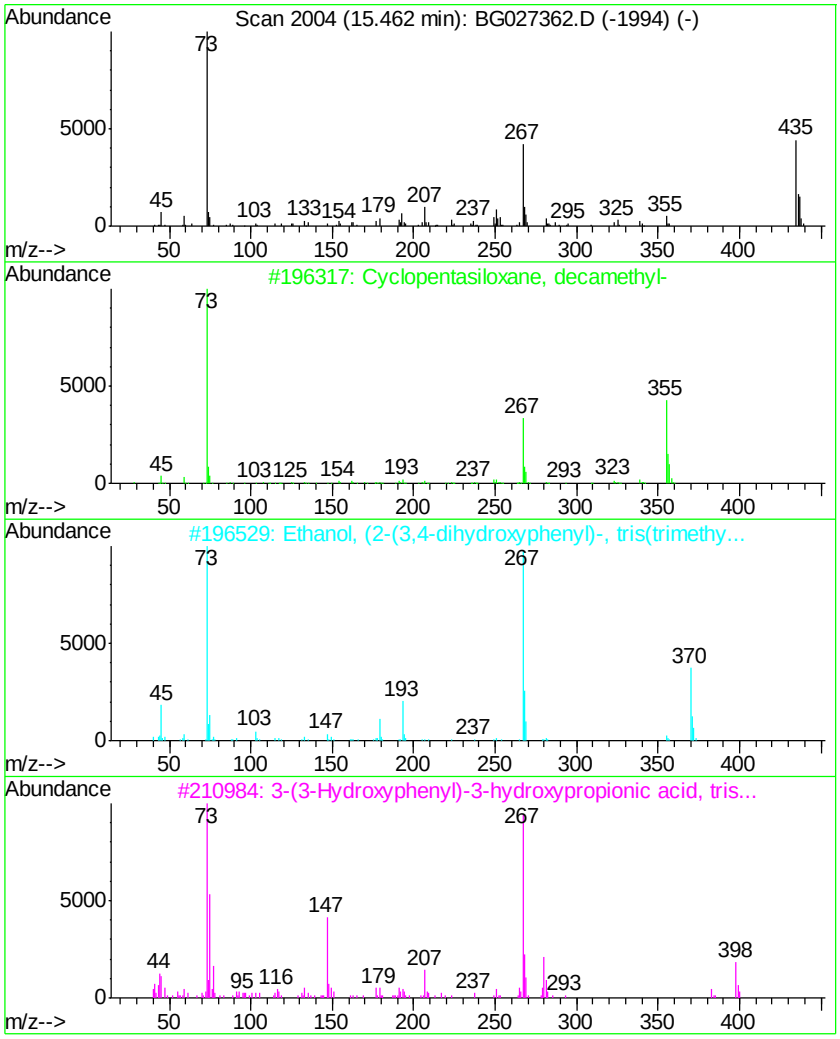
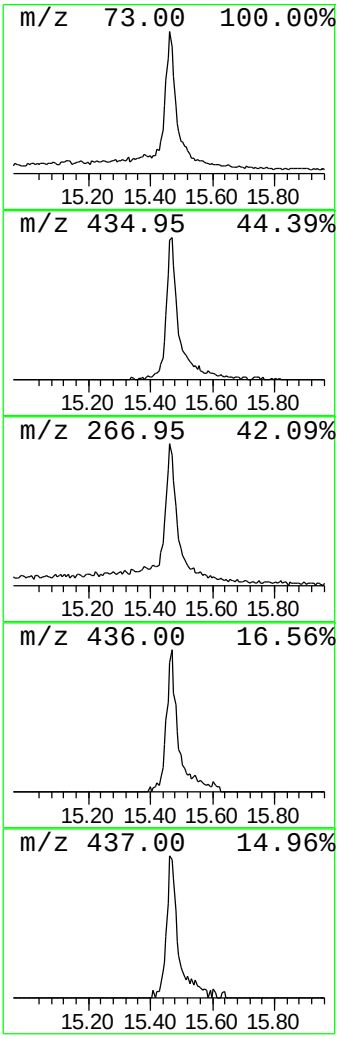
Peak Number 11 unknown15.46 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	18.78 ng	257164	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	38
2	Ethanol, (2-(3,4-dihydroxyphenyl...	370	C17H34O3Si3	068595-80-2	35
3	3-(3-Hydroxyphenyl)-3-hydroxypro...	398	C18H34O4Si3	1000071-69-7	32
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	25
5	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027362.D
Acq On : 10 Jun 2017 00:43
Operator : SJ/MA
Sample : I3563-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-04-060817

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	14.0	ng	224048	1	8.56	320996	20.0
Trisiloxane, 1,1,...	4.67	9.6	ng	154006	1	8.56	320996	20.0
3-Penten-2-one, 4...	5.13	91.2	ng	1463110	1	8.56	320996	20.0
Cyclotrisiloxane,...	5.22	631.4	ng	10133000	1	8.56	320996	20.0
4-Hydroxymandelic...	7.10	27.1	ng	434157	1	8.56	320996	20.0
unknown8.09	8.09	111.5	ng	1789540	1	8.56	320996	20.0
Plumbane, diethyl...	10.09	89.3	ng	2372550	2	11.37	531131	20.0
unknown12.57	12.57	70.9	ng	1883820	2	11.37	531131	20.0
Cyclotetrasiloxan...	14.06	84.1	ng	1151130	3	15.13	273799	20.0
unknown15.46	15.46	18.8	ng	257164	3	15.13	273799	20.0