LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022294.D
Acq On : 10 Jun 2016 19:03
Operator : UM/SJ
Sample : H3448-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4-VE-PILE-WALL(0-2)

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-BG060616.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	2.970	16	22	49	rVB	789852	1497095	70.43%	11.403%
2	5.179	391	398	407	rBV	23387	47219	2.22%	0.360%
3	5.655	472	479	497	rBV	445381	858367	40.38%	6.538%
4	7.271	746	754	773	rBV	482775	947033	44.56%	7.213%
5	7.635	808	816	831	rBV	505676	990009	46.58%	7.540%
6	8.105	889	896	907	rBV2	80628	158854	7.47%	1.210%
7	8.429	943	951	962	rBV	386332	759333	35.72%	5.784%
8	9.281	1087	1096	1111	rBV	273177	570112	26.82%	4.342%
9	10.926	1368	1376	1391	rBV	123303	253536	11.93%	1.931%
10	13.358	1783	1790	1805	rBV	846994	1442068	67.85%	10.984%
11	14.181	1923	1930	1940	rBV	66001	111952	5.27%	0.853%
12	14.739	2018	2025	2035	rBV2	203339	362809	17.07%	2.763%
13	16.225	2271	2278	2292	rBV	562442	927806	43.65%	7.067%
14	17.483	2486	2492	2505	rBV2	233000	401628	18.90%	3.059%
15	20.080	2927	2934	2948	rBV	1502511	2125529	100.00%	16.189%
16	21.366	3148	3153	3166	rBV4	32728	75598	3.56%	0.576%
17	21.613	3190	3195	3200	rVB	16010	23955	1.13%	0.182%
18	21.760	3213	3220	3232	rBV2	247289	466039	21.93%	3.550%
19	22.841	3399	3404	3412	rVB	12277	22208	1.04%	0.169%
20	23.323	3479	3486	3496	rVB4	25026	62924	2.96%	0.479%
21	24.363	3654	3663	3677	rBV4	38752	115390	5.43%	0.879%
22	25.044	3767	3779	3793	rBV2	142035	463075	21.79%	3.527%
23	25.638	3869	3880	3894	rBV3	45640	168523	7.93%	1.284%
24	27.236	4140	4152	4153	rBV2	42911	106390	5.01%	0.810%
25	29.239	4480	4493	4494	rBV5	29792	83367	3.92%	0.635%
26	31.784	4909	4926	4927	rBV7	25101	88406	4.16%	0.673%

Sum of corrected areas: 13129225

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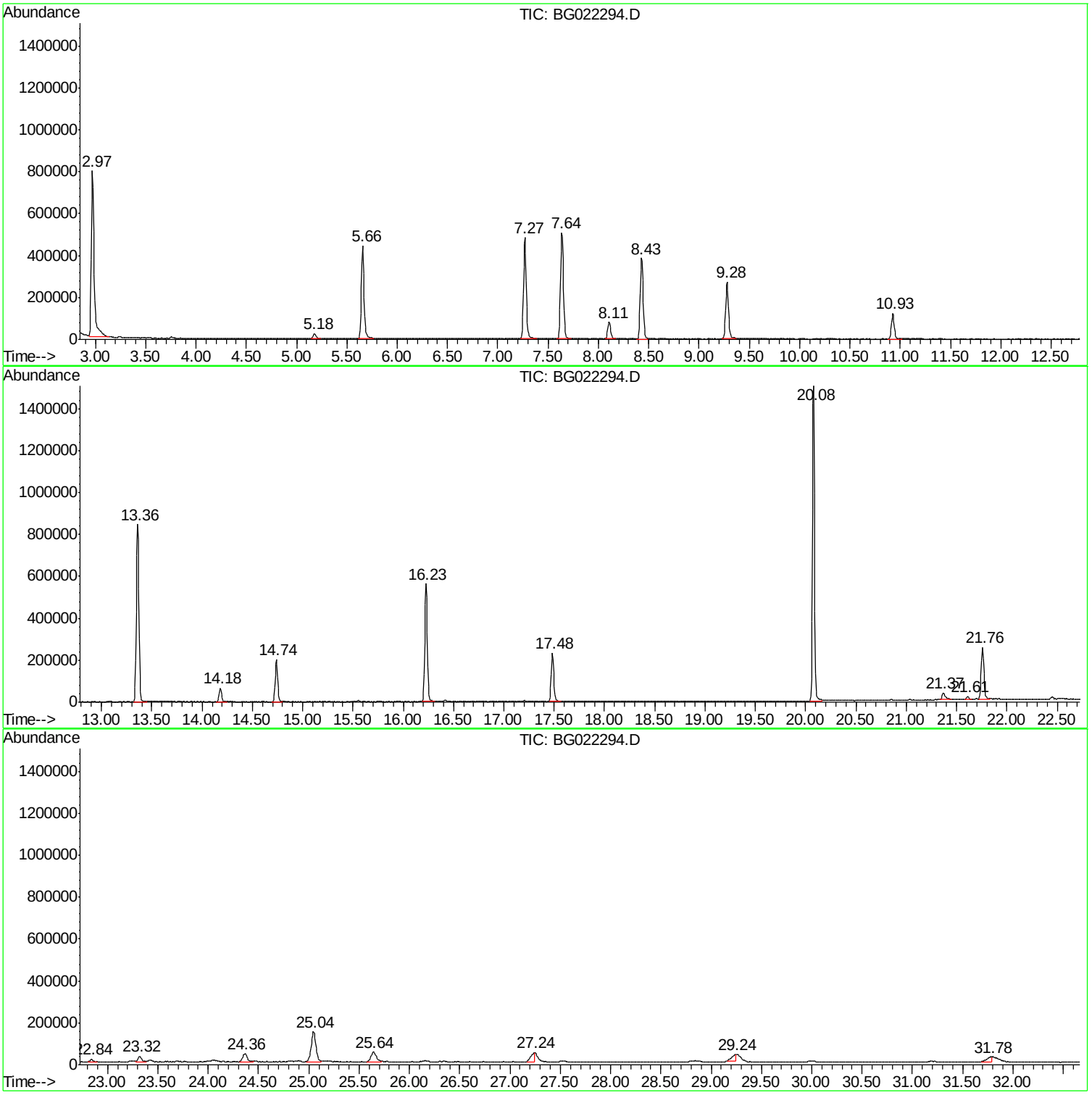
Instrument :
BNA_G
ClientSampleId :
4-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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Data File : BG022294.D
Acq On : 10 Jun 2016 19:03
Operator : UM/SJ
Sample : H3448-07
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Instrument : BNA_G
ClientSampleId : 4-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
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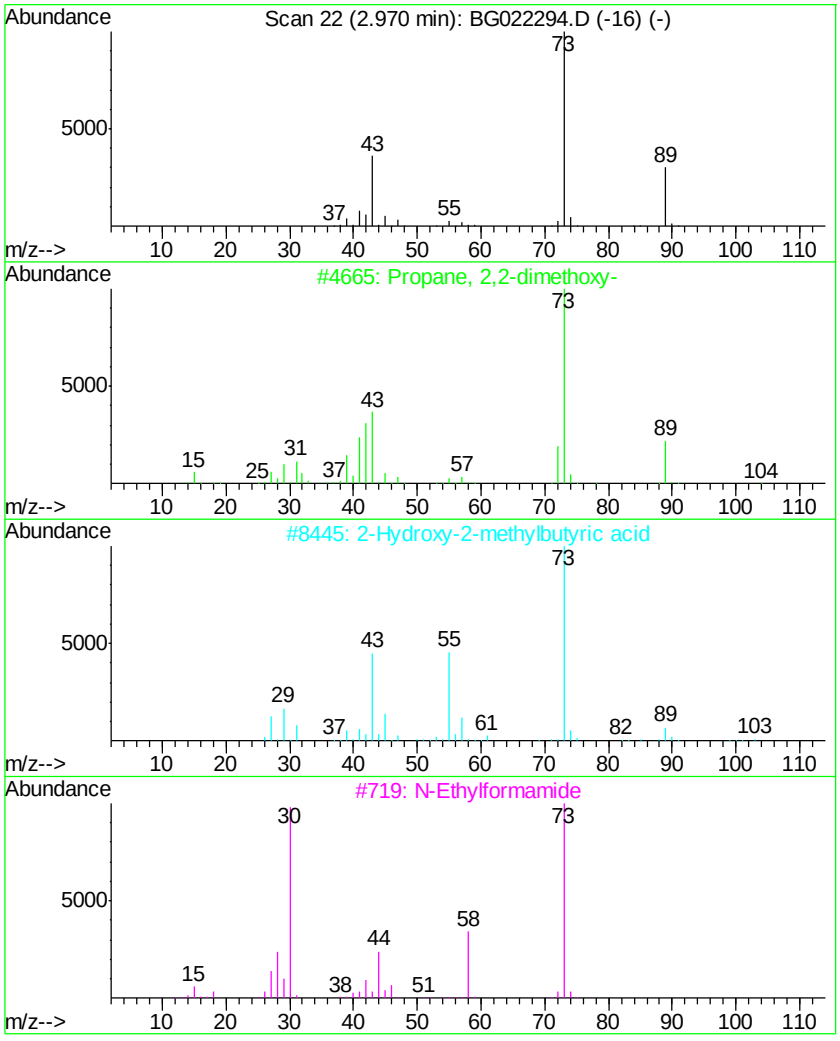
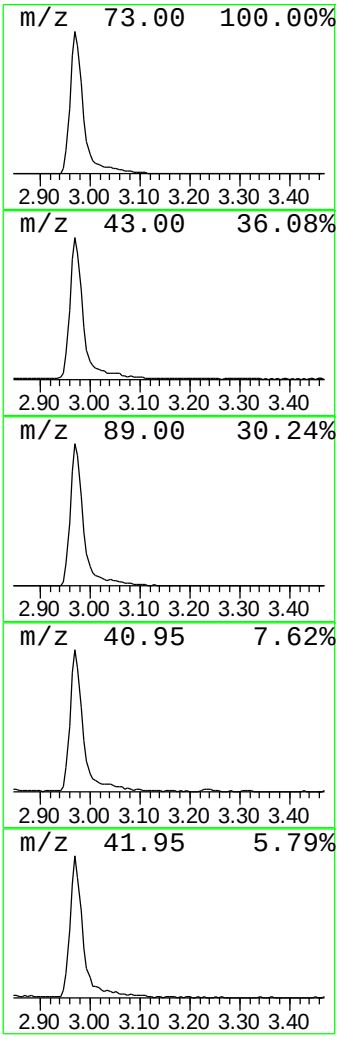
****

Peak Number 1 unknown2.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	188.49 ng	1497100	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
3	N-Ethylformamide	73	C3H7NO	000627-45-2	7
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5	1,3,5-Trioxane	90	C3H6O3	000110-88-3	5





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Data File : BG022294.D
Acq On : 10 Jun 2016 19:03
Operator : UM/SJ
Sample : H3448-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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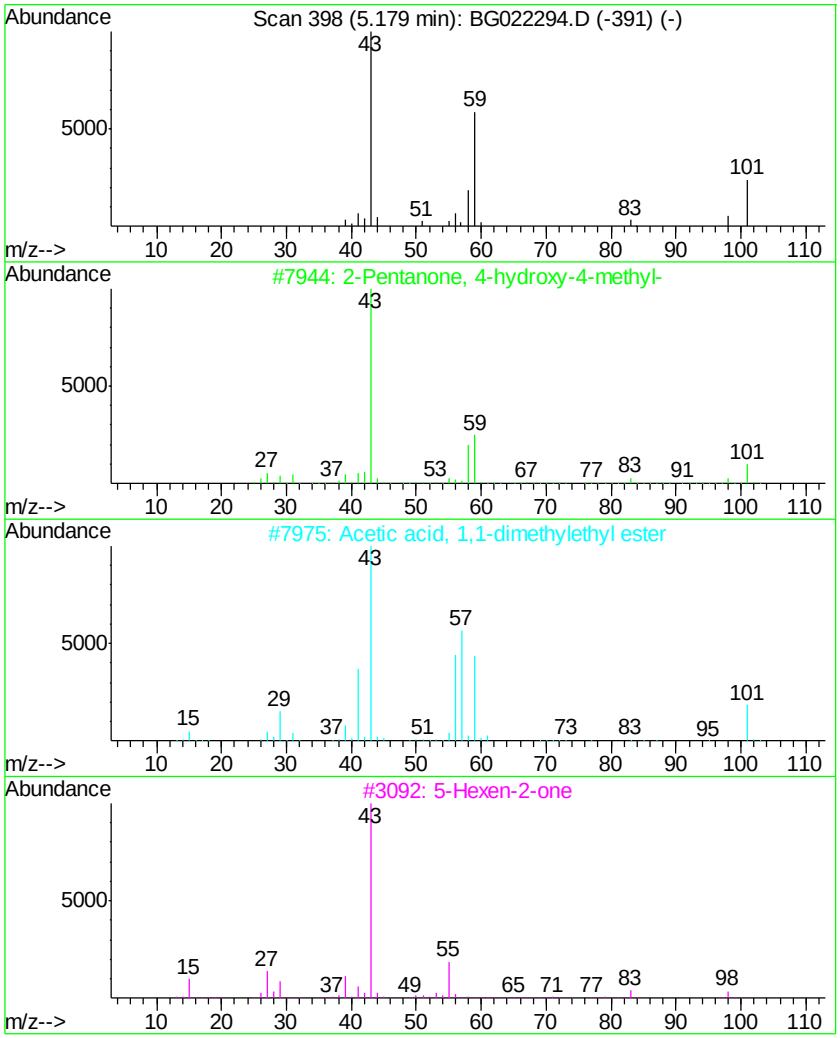
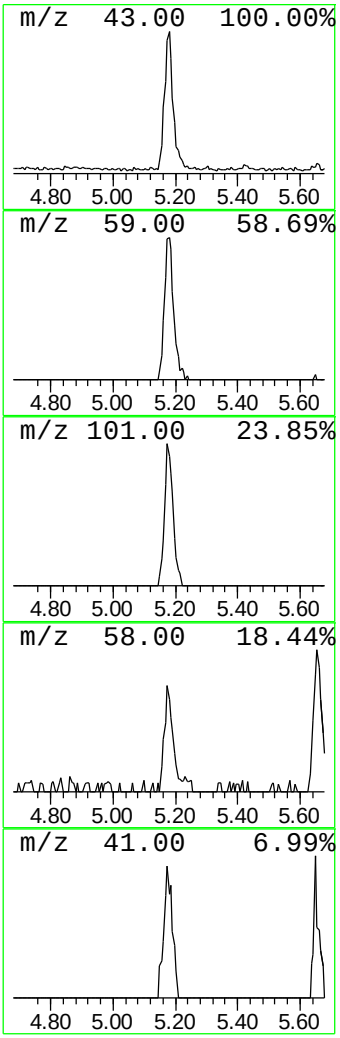
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	5.94 ng	47219	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	39
3	5-Hexen-2-one	98	C6H10O	000109-49-9	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022294.D
Acq On : 10 Jun 2016 19:03
Operator : UM/SJ
Sample : H3448-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
4-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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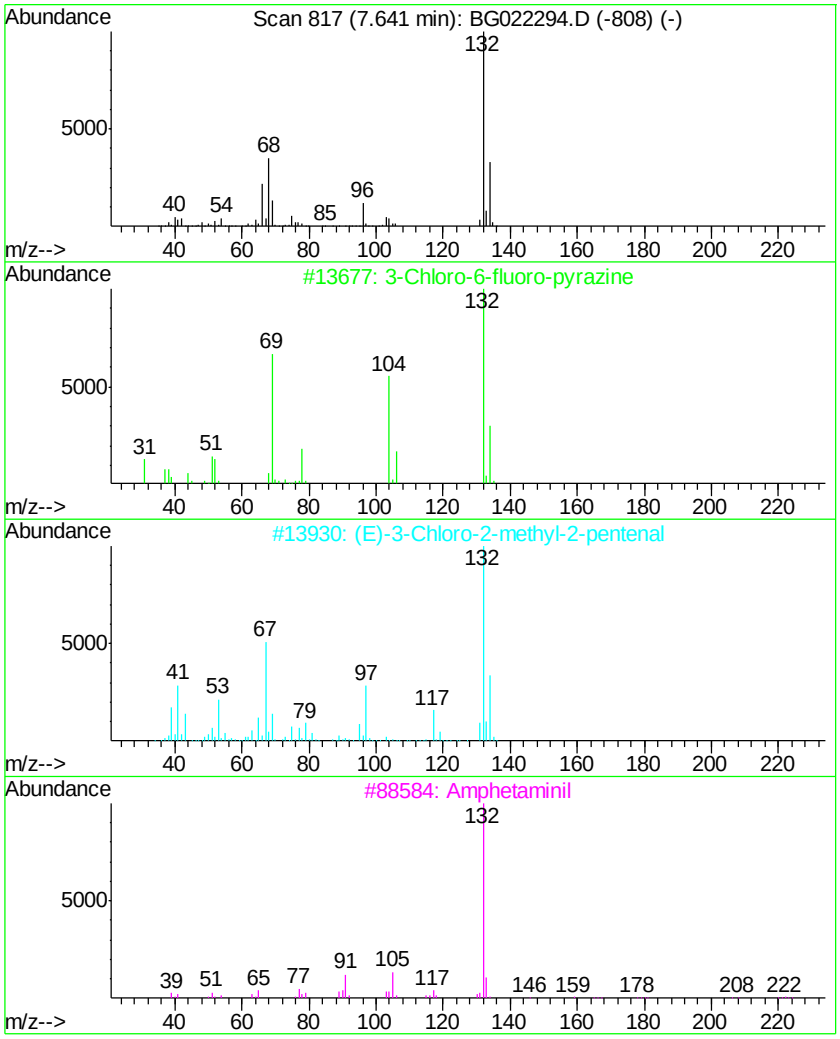
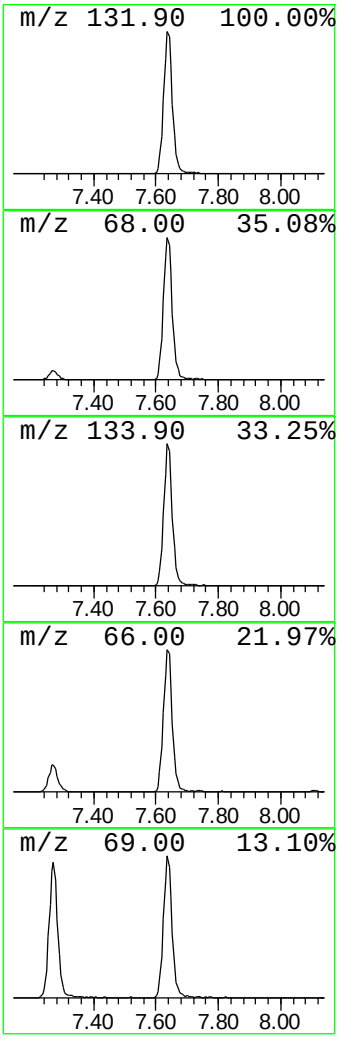
Peak Number 3 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	124.64 ng	990009	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	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022294.D
Acq On : 10 Jun 2016 19:03
Operator : UM/SJ
Sample : H3448-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
4-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

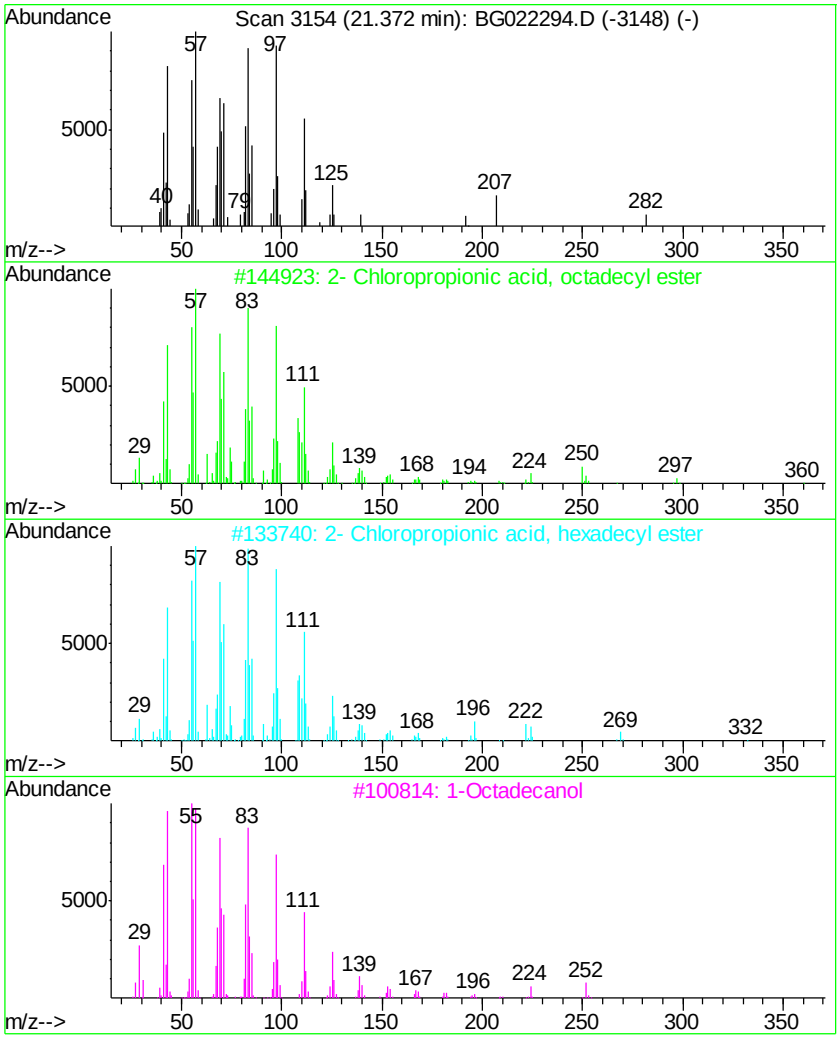
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

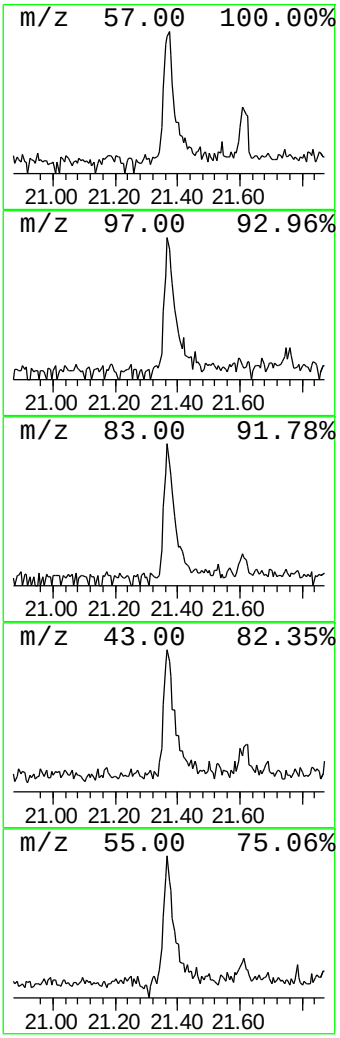
****

Peak Number 5 2- Chloropropionic acid, oc... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.24 ng	75598	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
3	1-Octadecanol	270	C18H38O	000112-92-5	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	1-Heptadecanol	256	C17H36O	001454-85-9	91





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Operator : UM/SJ
Sample : H3448-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
4-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
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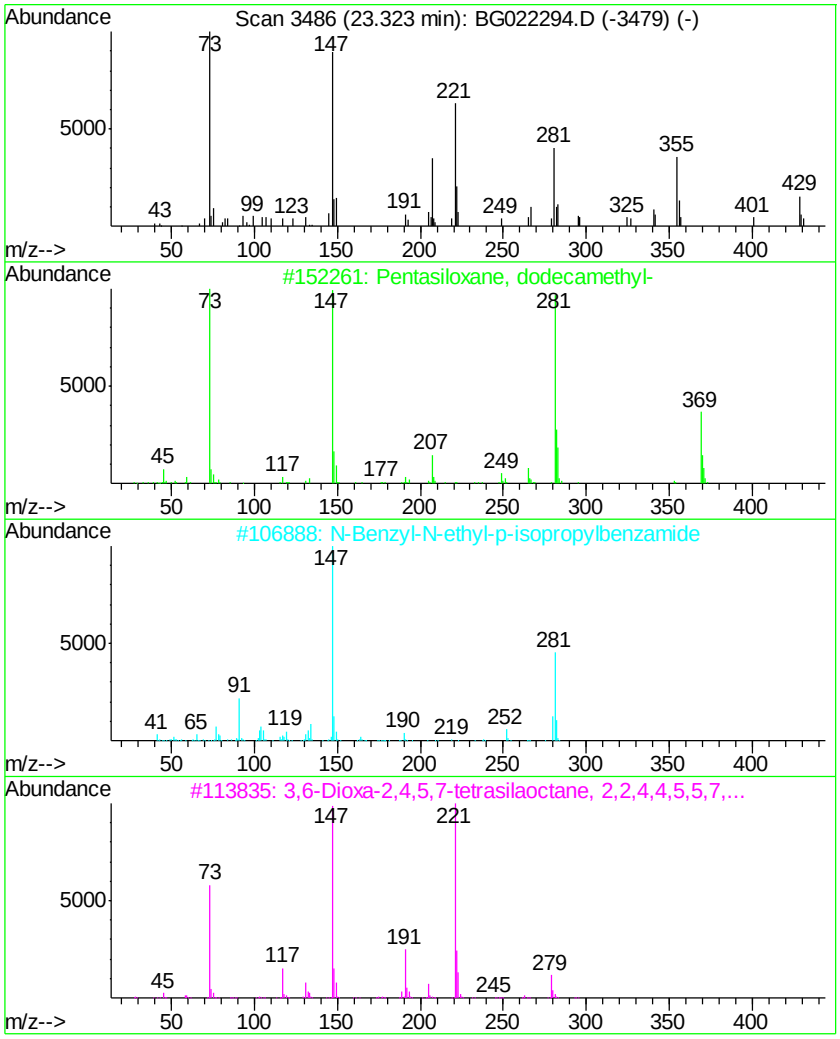
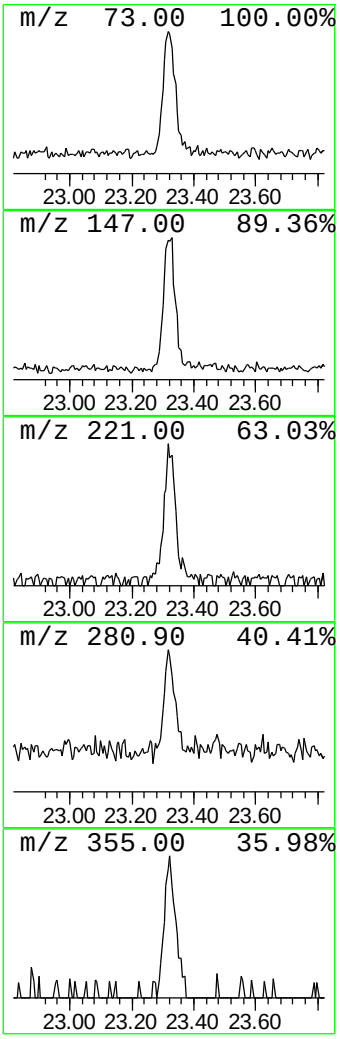
****

Peak Number 6 unknown23.32 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	2.70 ng	62924	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	43
2	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	43
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	38
5	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	38





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ClientSampleId : 4-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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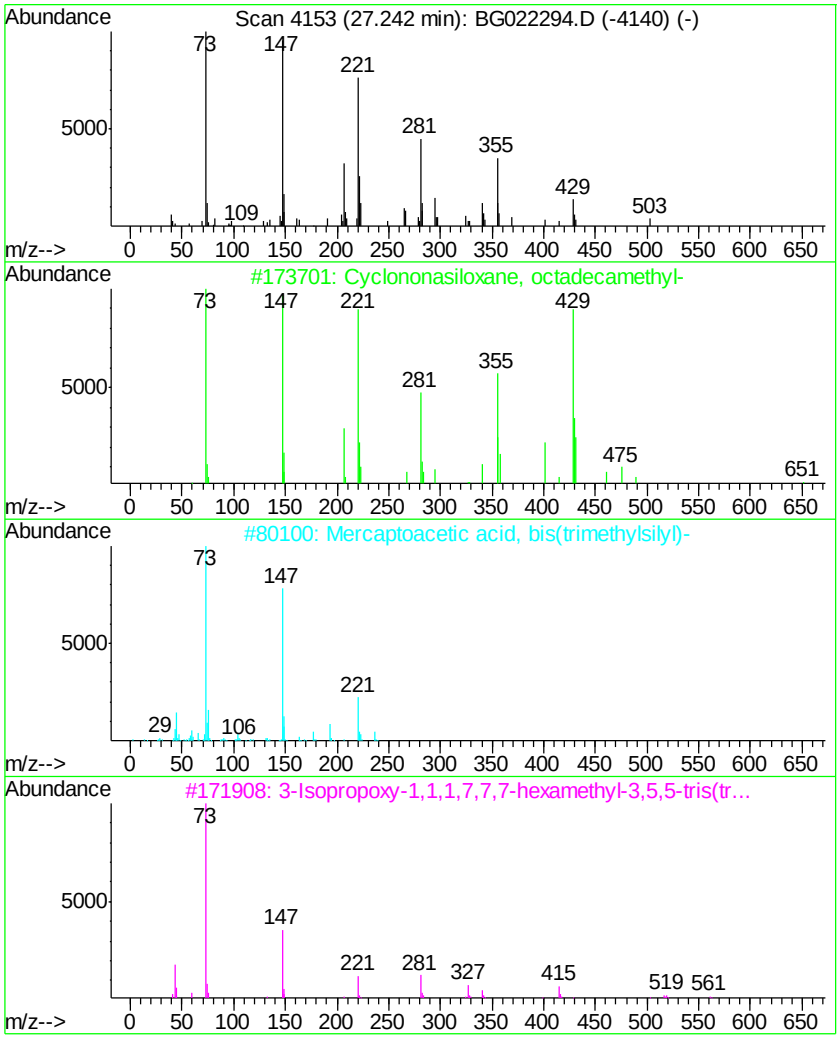
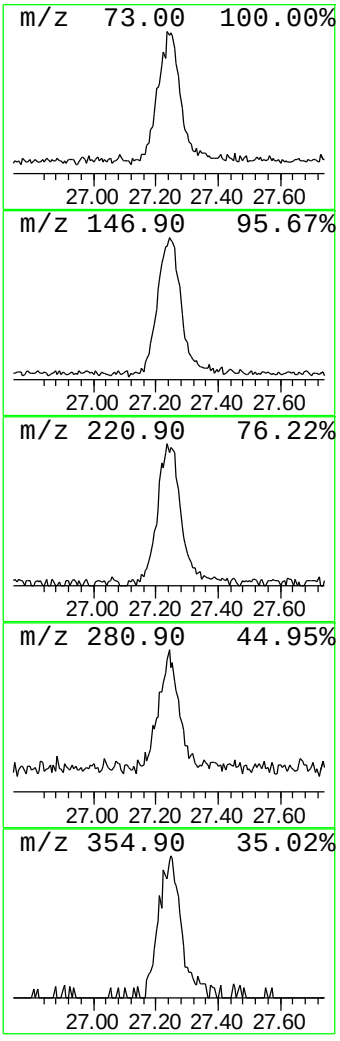
****

Peak Number 9 Cyclononasiloxane, octadeca... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.24	4.59 ng	106390	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	87
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
3	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	35
4	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	27
5	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	27





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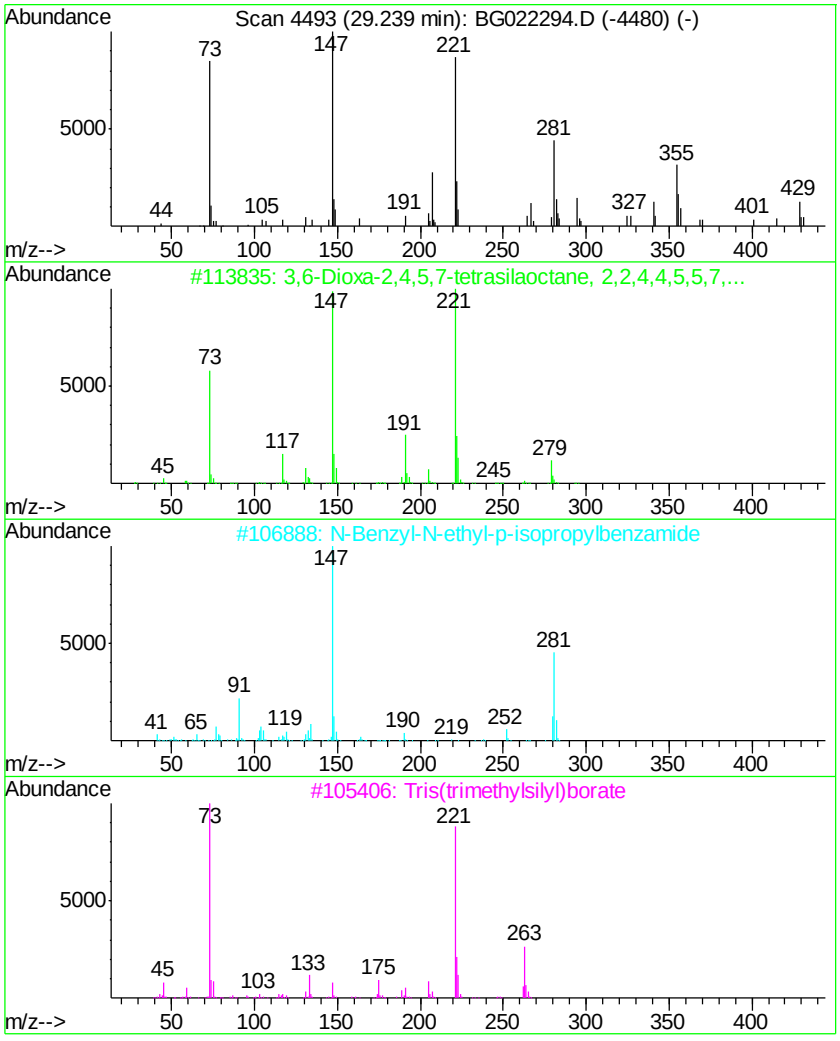
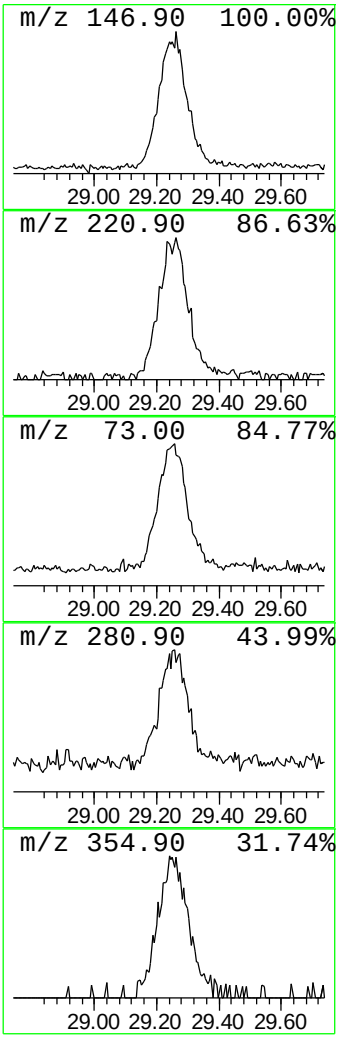
****

Peak Number 10 unknown29.24 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.24	3.60 ng	83367	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	40
2	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	38
3	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	22
4	Perhydro-htx-2-one, 2-depentyl-,...	281	C16H27NO3	080090-53-5	15
5	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	14





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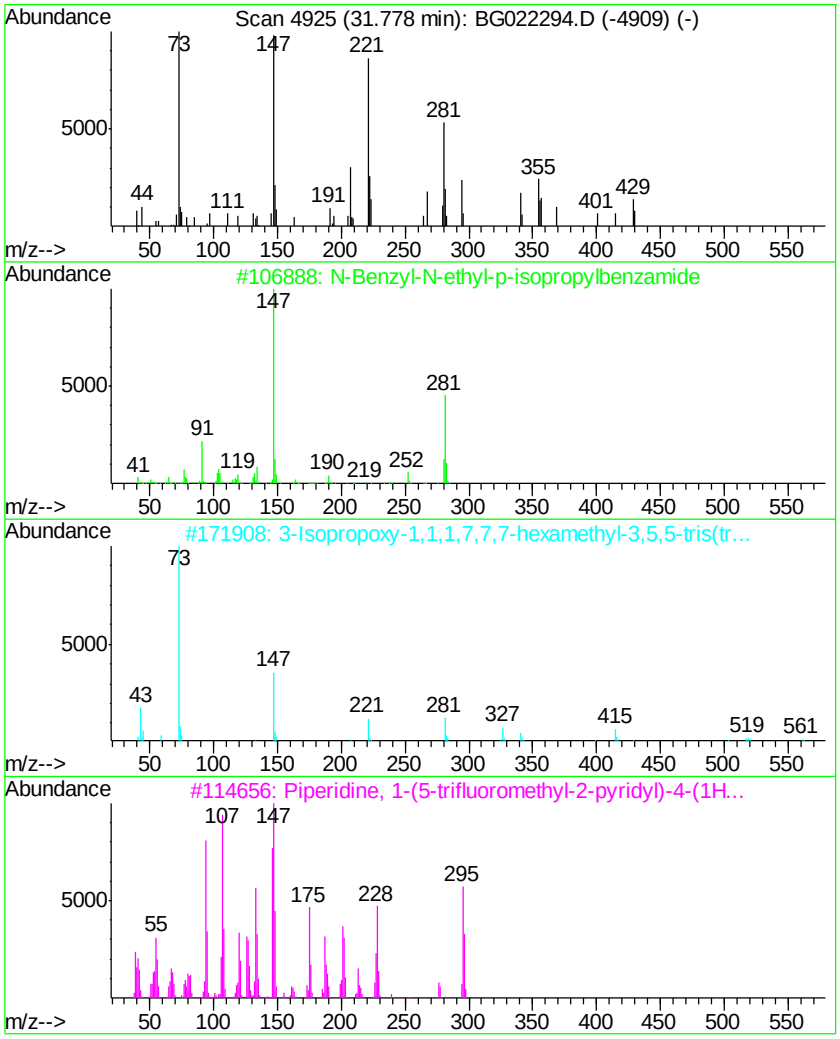
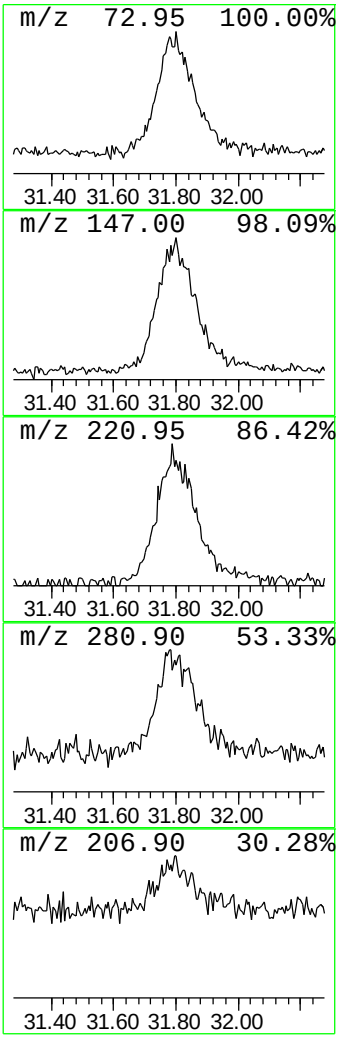
Peak Number 11 unknown31.78 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.78	3.82 ng	88406	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	38
2	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	37
3	Piperidine, 1-(5-trifluoromethyl...	295	C15H16F3N3	1000268-74-7	35
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	25
5	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	22





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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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
unknown2.97	2.97	188.5	ng	1497100	1	8.11	158854	20.0
2-Pentanone, 4-hy...	5.18	5.9	ng	47219	1	8.11	158854	20.0
unknown7.64	7.64	124.6	ng	990009	1	8.11	158854	20.0
2- Chloropropioni...	21.37	3.2	ng	75598	5	21.76	466039	20.0
unknown23.32	23.32	2.7	ng	62924	5	21.76	466039	20.0
Cyclononasiloxane...	27.24	4.6	ng	106390	6	25.04	463075	20.0
unknown29.24	29.24	3.6	ng	83367	6	25.04	463075	20.0
unknown31.78	31.78	3.8	ng	88406	6	25.04	463075	20.0