LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022291.D
Acq On : 10 Jun 2016 17:03
Operator : UM/SJ
Sample : H3448-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8-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	2.967	16	22	51	rVB	1081512	1918107	88.28%	14.429%
2	5.177	392	398	406	rBV2	20317	39021	1.80%	0.294%
3	5.658	472	480	495	rBV	383441	759187	34.94%	5.711%
4	7.268	745	754	771	rBV	433653	873833	40.22%	6.574%
5	7.638	808	817	834	rBV	459291	907403	41.76%	6.826%
6	8.109	890	897	909	rVB2	75684	150354	6.92%	1.131%
7	8.432	943	952	963	rBV	343792	672860	30.97%	5.062%
8	9.278	1086	1096	1108	rBV	258929	523259	24.08%	3.936%
9	10.929	1368	1377	1386	rBV	118122	243618	11.21%	1.833%
10	13.361	1782	1791	1806	rBV	835991	1461842	67.28%	10.997%
11	14.184	1924	1931	1938	rBV	243860	401023	18.46%	3.017%
12	14.736	2018	2025	2034	rBV2	201237	366009	16.85%	2.753%
13	15.553	2160	2164	2170	rVB	18693	26132	1.20%	0.197%
14	16.228	2272	2279	2292	rBV	562976	939641	43.25%	7.069%
15	16.416	2305	2311	2319	rBV	19489	37004	1.70%	0.278%
16	17.486	2486	2493	2501	rBV2	244893	422777	19.46%	3.180%
17	17.838	2544	2553	2566	rBV3	48498	110474	5.08%	0.831%
18	19.201	2778	2785	2793	rBV4	25134	56405	2.60%	0.424%
19	20.077	2928	2934	2949	rBV	1524443	2172675	100.00%	16.344%
20	21.369	3148	3154	3170	rBV2	58738	132959	6.12%	1.000%
21	21.757	3213	3220	3232	rBV	238072	455447	20.96%	3.426%
22	22.215	3292	3298	3304	rVB4	20791	40837	1.88%	0.307%
23	24.366	3657	3664	3674	rVB5	16166	44942	2.07%	0.338%
24	25.053	3768	3781	3792	rBV	135431	442965	20.39%	3.332%
25	25.641	3874	3881	3893	rVB5	20185	70113	3.23%	0.527%
26	27.227	4145	4151	4153	rBV7	12744	24148	1.11%	0.182%

Sum of corrected areas: 13293035

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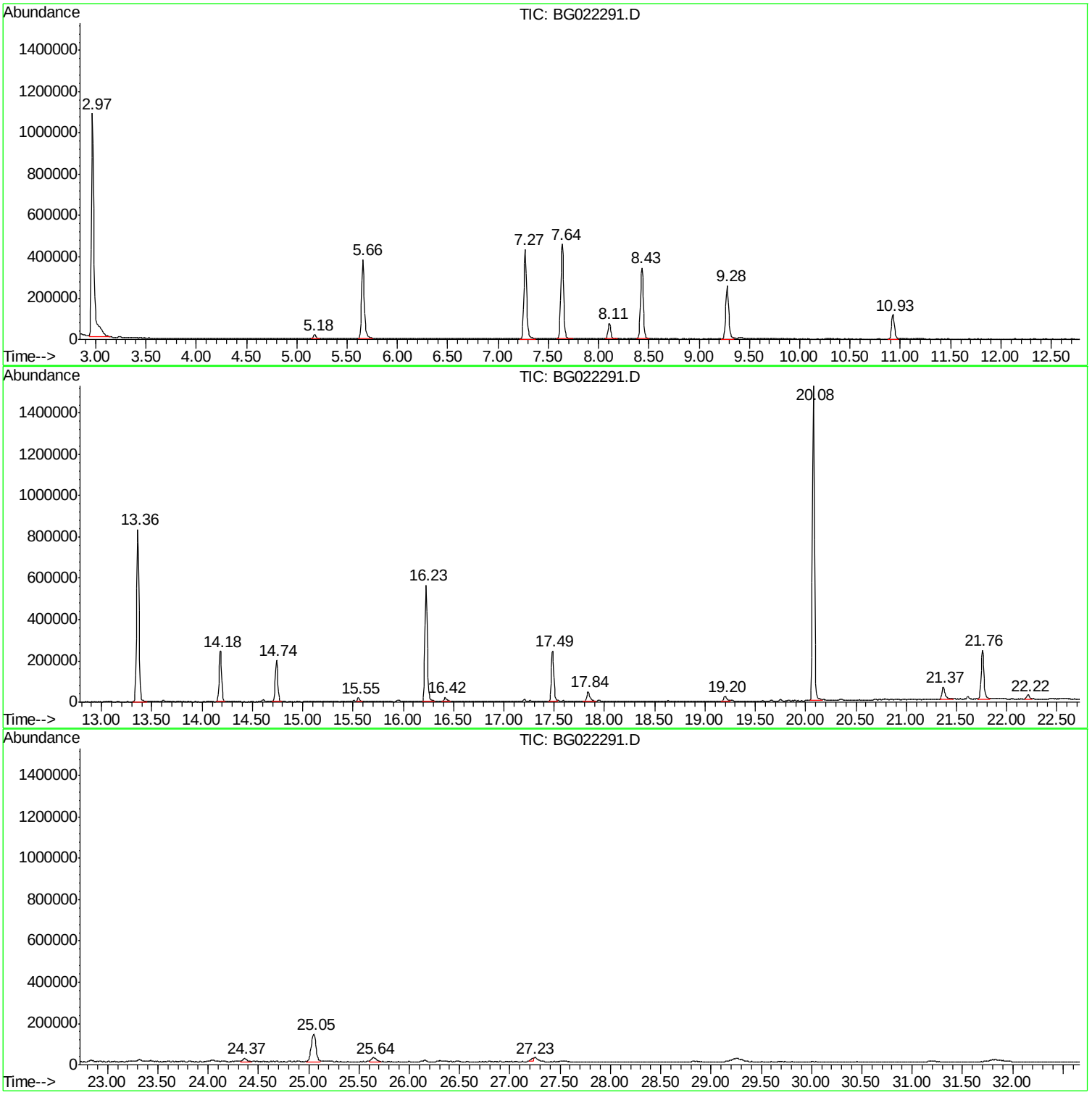
BNA_G
ClientSampleId :
8-VE-PILE-WALL(0-2)

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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Operator : UM/SJ
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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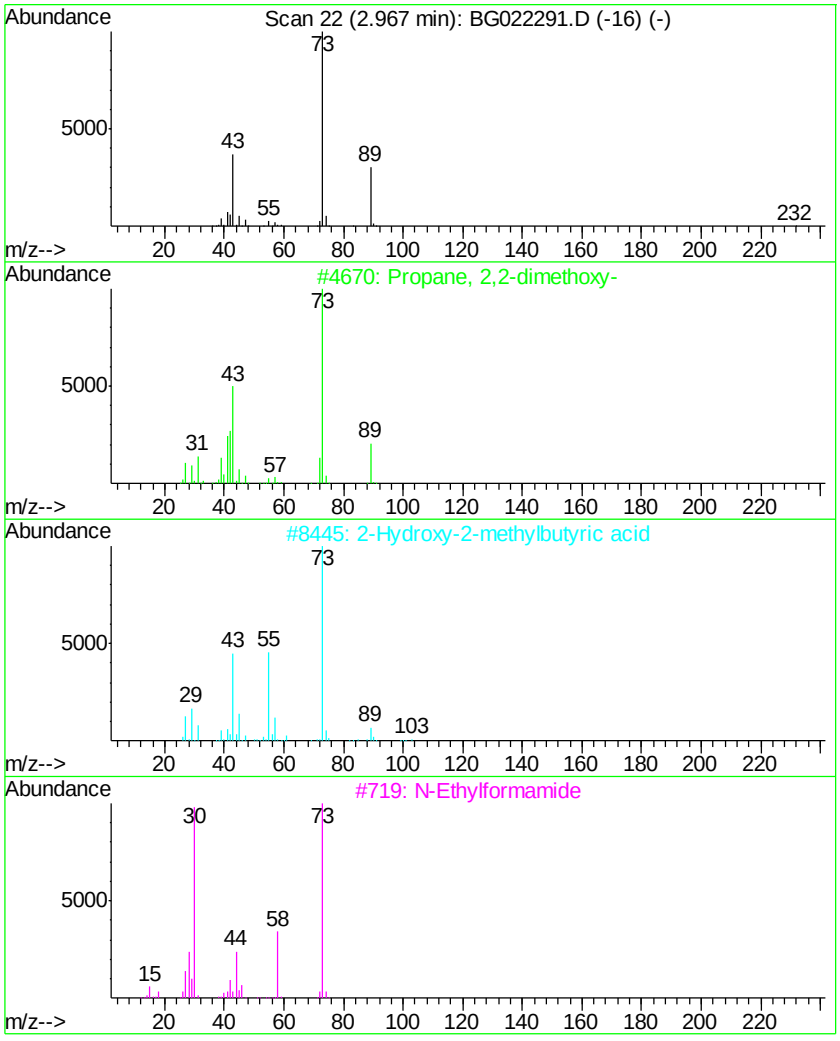
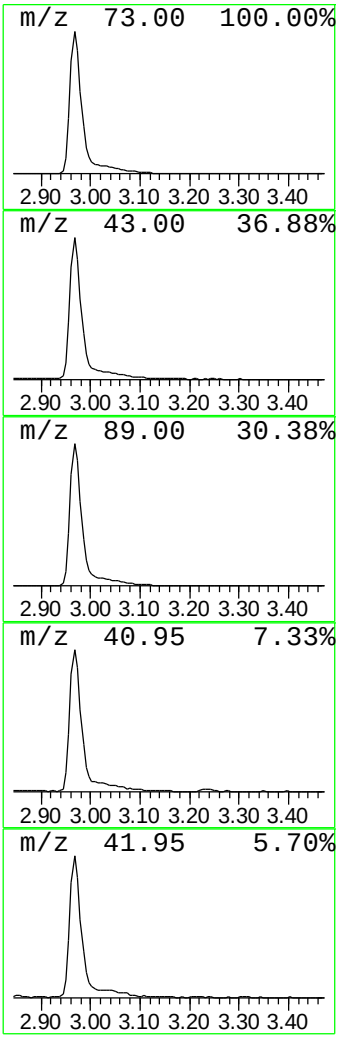
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	255.15 ng	1918110	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	50
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
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	4





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Sample : H3448-15
Misc :
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Instrument : BNA_G
ClientSampleId : 8-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Integration Parameters: LSCINT.P

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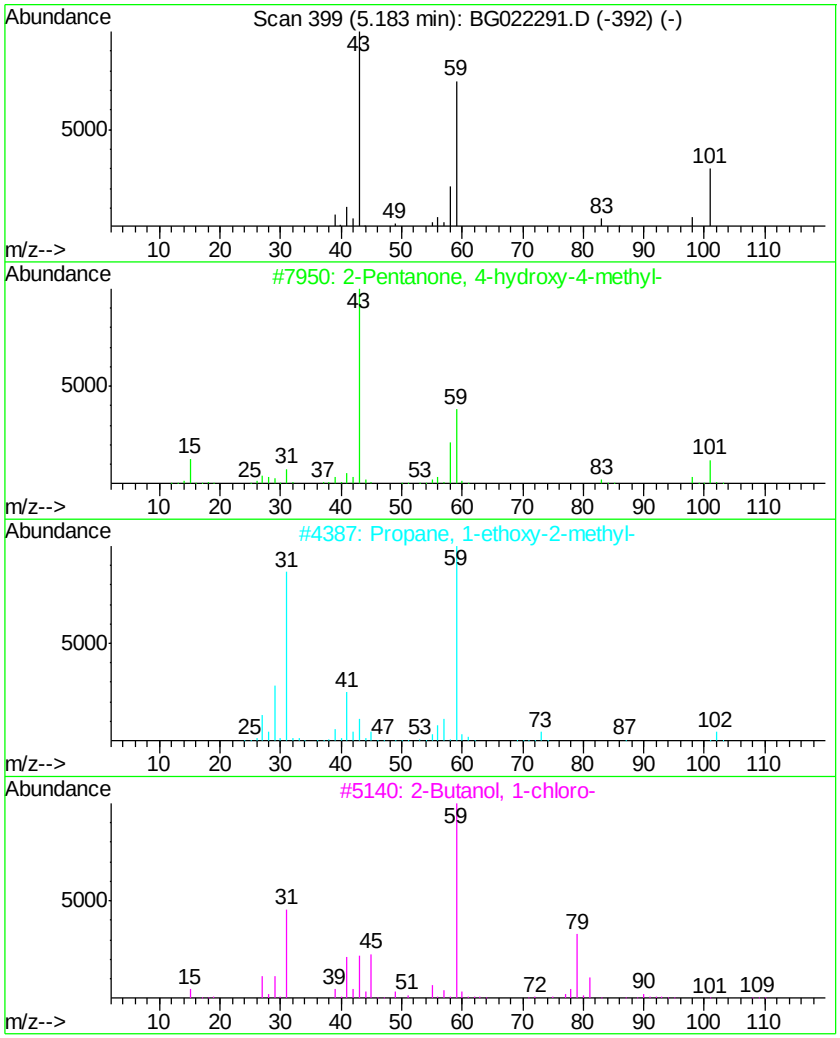
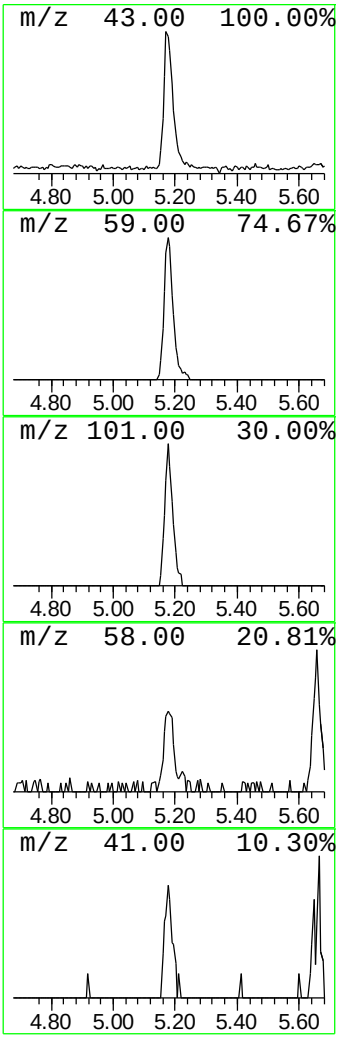
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	5.19 ng	39021	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	45
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	16
3	2-Butanol, 1-chloro-	108	C4H9ClO	001873-25-2	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Instrument : BNA_G
ClientSampleId : 8-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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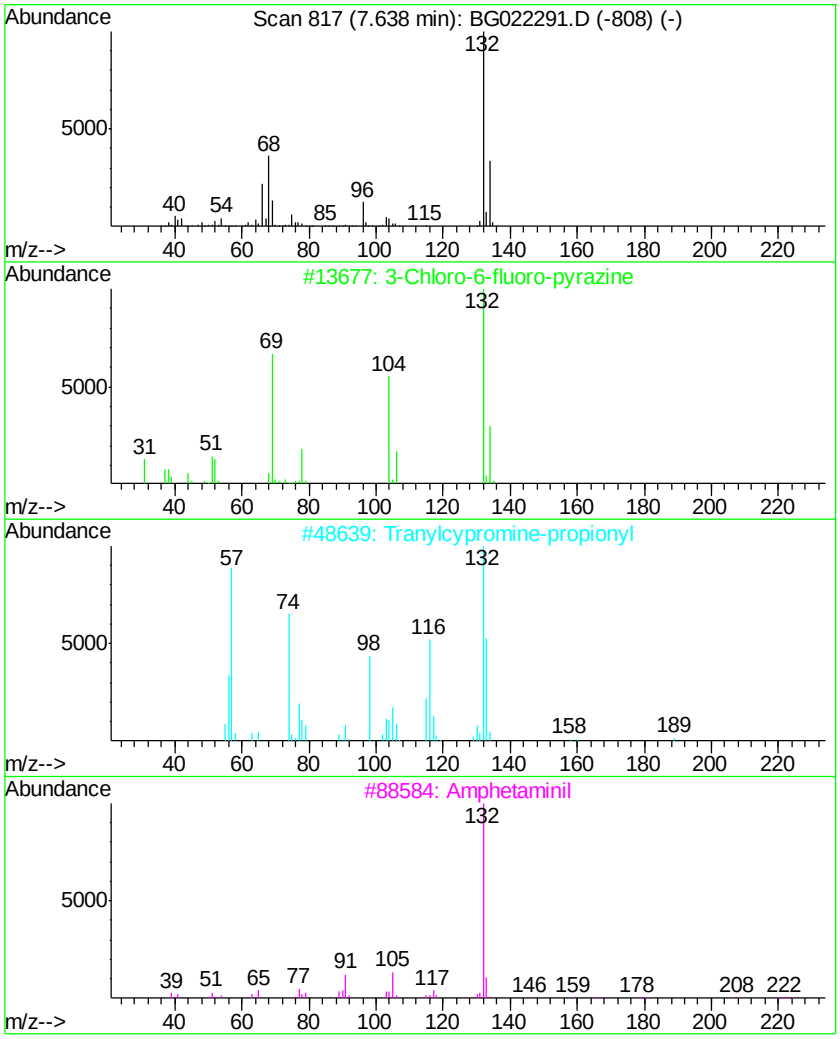
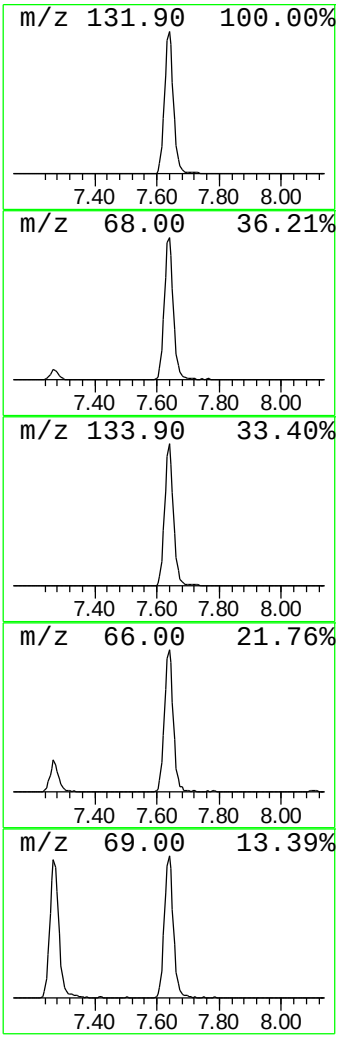
Peak Number 3 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	120.70 ng	907403	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	38
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Instrument : BNA_G
ClientSampleId : 8-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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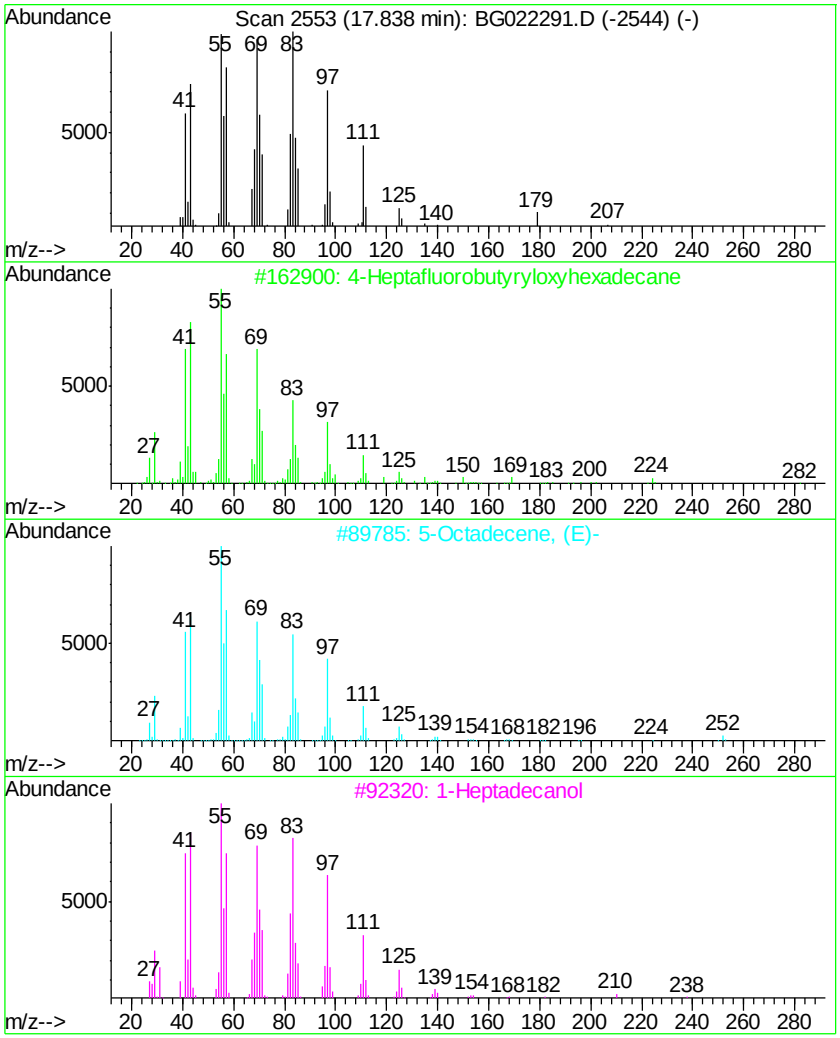
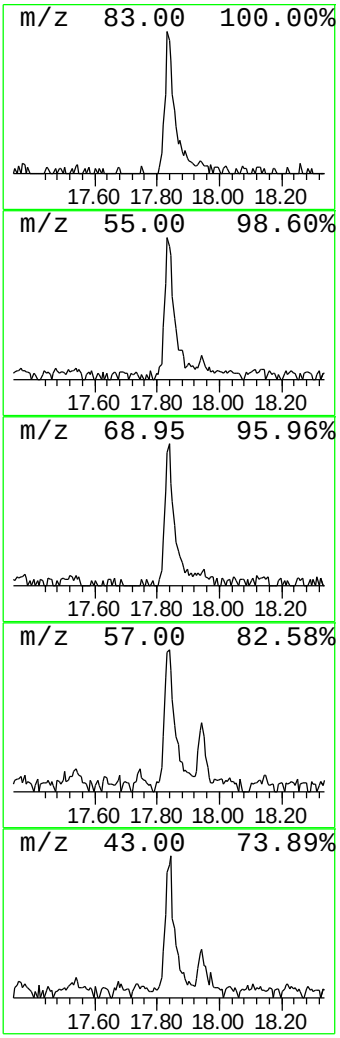
Peak Number 5 4-Heptafluorobutyryloxyhexa... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	5.23 ng	110474	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3	1-Heptadecanol	256	C17H36O	001454-85-9	90
4	1-Hexadecanol	242	C16H34O	036653-82-4	87
5	Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	87





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Instrument : BNA_G
ClientSampleId : 8-VE-PILE-WALL(0-2)

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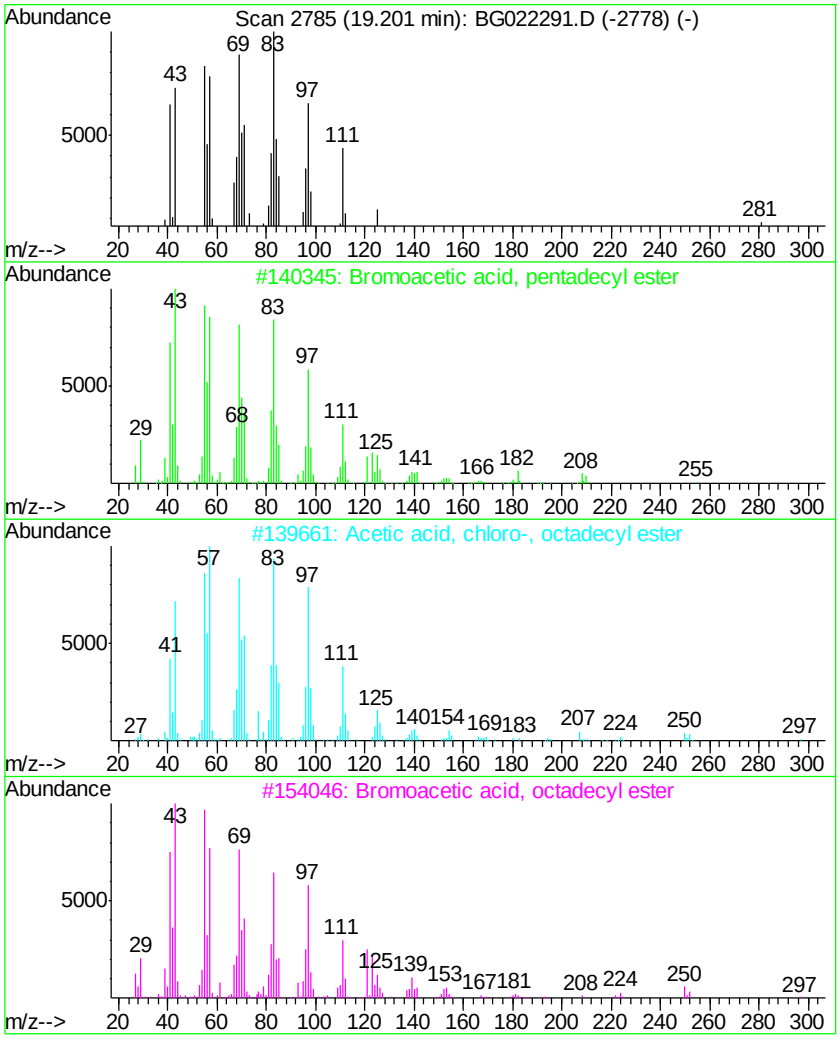
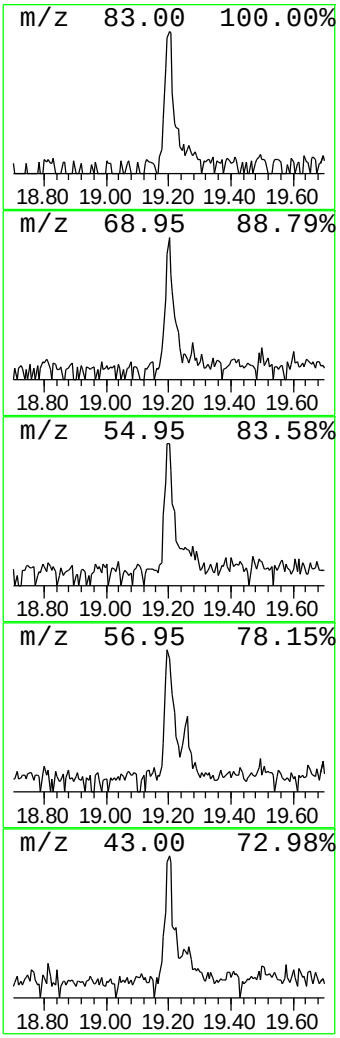
Peak Number 6 Bromoacetic acid, pentadecy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.67 ng	56405	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
2	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
5	1-Pentadecanol	228	C15H32O	000629-76-5	90





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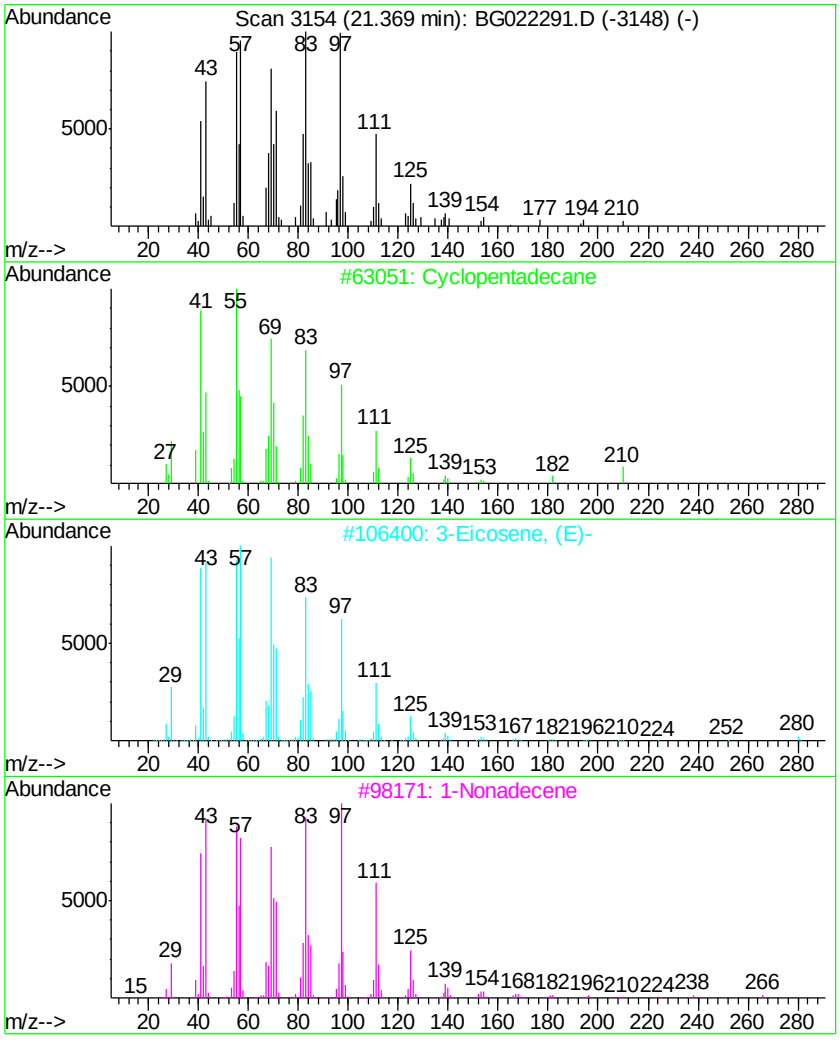
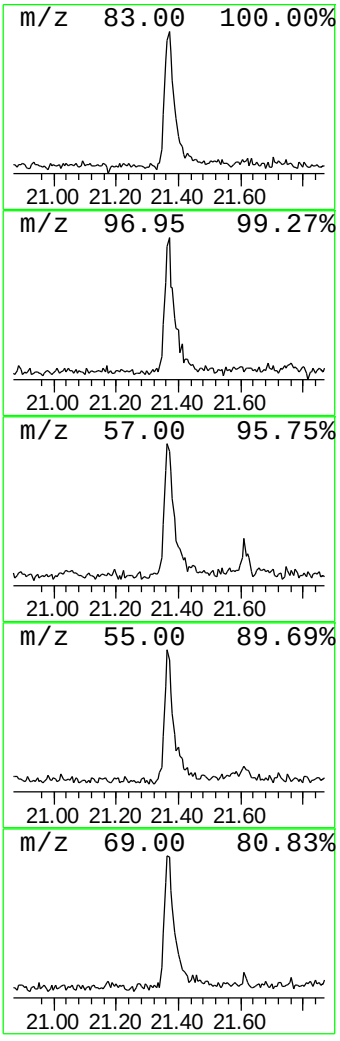
Peak Number 7 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	5.84 ng	132959	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
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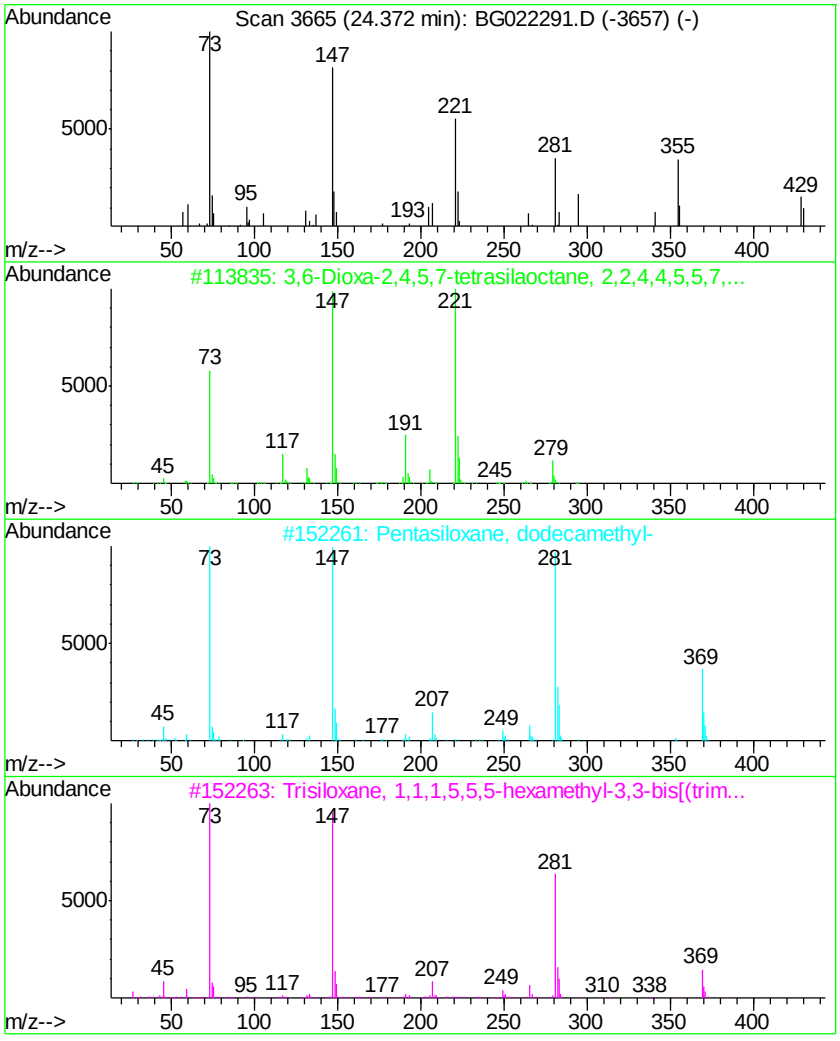
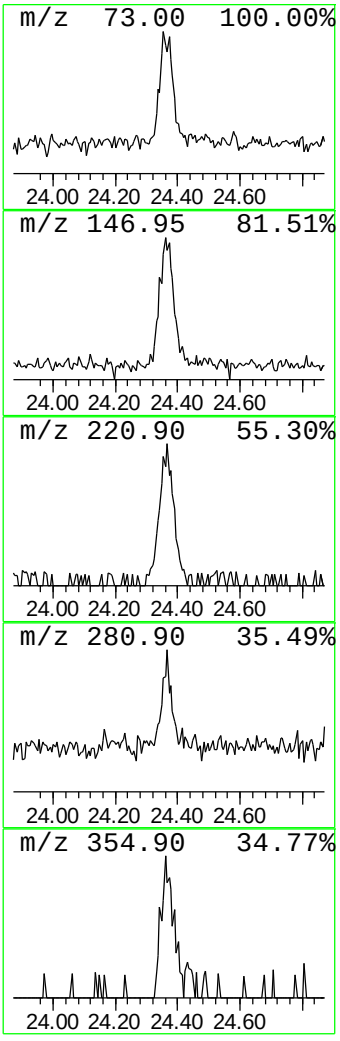
Peak Number 8 unknown24.37 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.37	2.03 ng	44942	Perylene-d12	25.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
2	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	16
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	16
4	1,2-Benzenedicarboxylic acid, bi...	310	C14H22O4Si2	002078-22-0	14
5	Dihydrobenzofuran-2-one, 3-[2-me...	268	C16H12O2S	1000132-67-5	10





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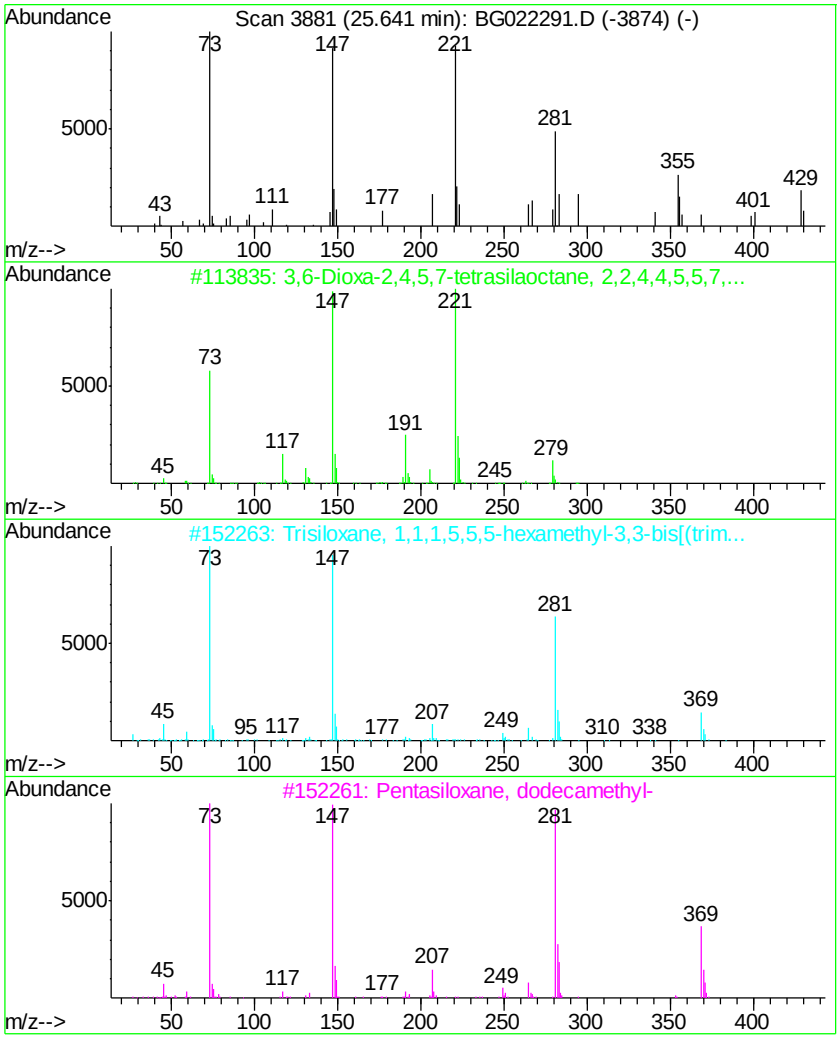
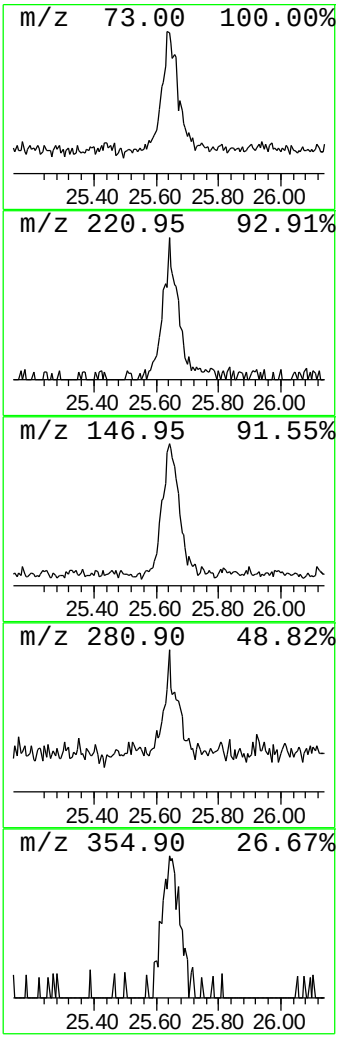
Peak Number 9 unknown25.64 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.64	3.17 ng	70113	Perylene-d12	25.05

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	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27
3	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	27
4	9H-Purin-6-amine, N-methyl-9-(tr...	221	C9H15N5Si	032865-83-1	12
5	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	12





Tentatively Identified Compound (LSC) summary

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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
Propane, 2,2-dime...	2.97	255.2	ng	1918110	1	8.11	150354	20.0
2-Pentanone, 4-hy...	5.18	5.2	ng	39021	1	8.11	150354	20.0
unknown7.64	7.64	120.7	ng	907403	1	8.11	150354	20.0
4-Heptafluorobuty...	17.84	5.2	ng	110474	4	17.49	422777	20.0
Bromoacetic acid,...	19.20	2.7	ng	56405	4	17.49	422777	20.0
Cyclopentadecane	21.37	5.8	ng	132959	5	21.76	455447	20.0
unknown24.37	24.37	2.0	ng	44942	6	25.05	442965	20.0
unknown25.64	25.64	3.2	ng	70113	6	25.05	442965	20.0