

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072817\
 Data File : BG028066.D
 Acq On : 28 Jul 2017 21:24
 Operator : SJ/JU
 Sample : I4371-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SVOC-GPC-BLANK

Quant Time: Jul 28 23:33:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG072717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 28 19:32:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	41044	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	171773	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.98	164	135400	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	418111	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	569432	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	573476	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	11.20	131	122	0.04	ng/ul	-0.12
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.96	176	136	0.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.72	188	418111	20.88	ng/ul	-0.10
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	

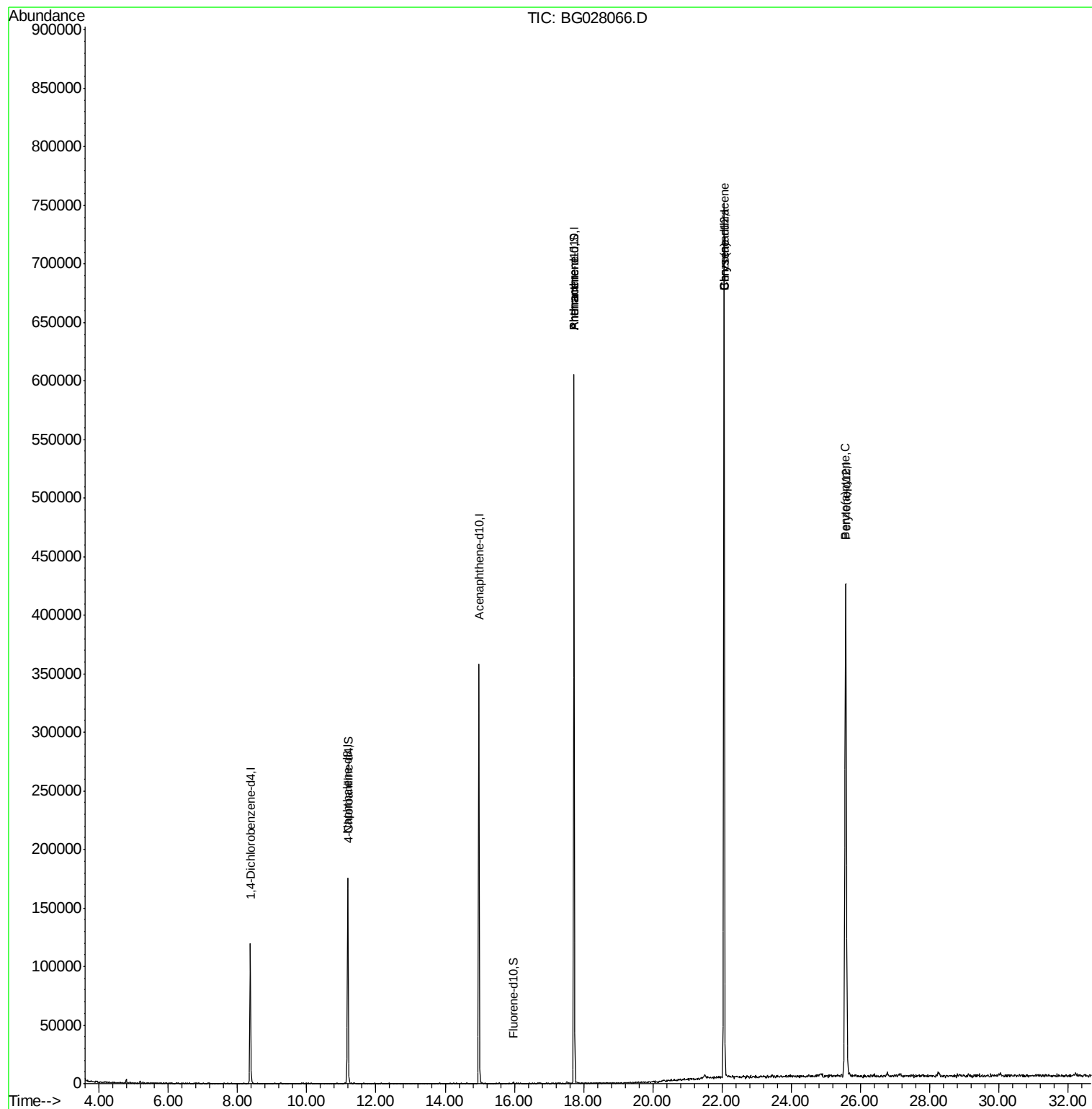
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
70) Phenanthrene	17.72	178	122	0.006	ng/ul#	1
72) Anthracene	17.72	178	122	0.006	ng/ul#	1
83) Benzo(a)anthracene	22.06	228	1628	0.054	ng/ul#	49
85) Chrysene	22.06	228	1628	0.059	ng/ul#	47
91) Benzo(a)pyrene	25.57	252	1620	0.053	ng/ul#	67

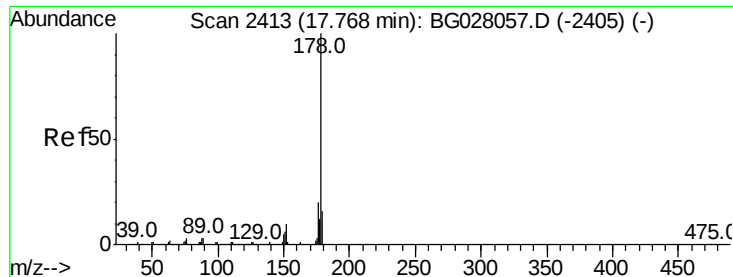
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 0.006 ng/ul

RT: 17.72 min Scan# 2405

Delta R.T. -0.05 min

Lab File: BG028066.D

Acq: 28 Jul 2017 21:24

Instrument :

BNA_G

ClientSampleId :

SVOC-GPC-BLANK

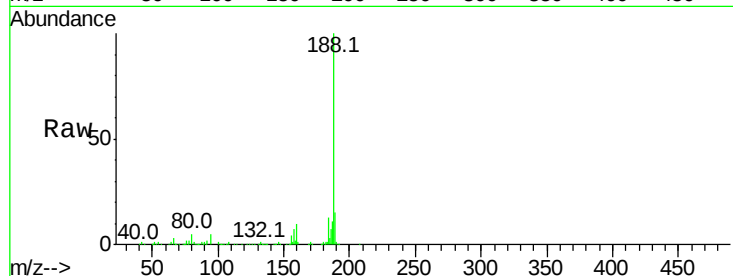
Tot Ion:178 Resp: 122

Ion Ratio Lower Upper

178 100

179 109.7 12.3 18.5#

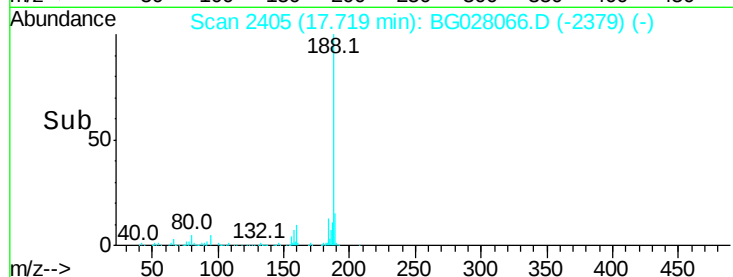
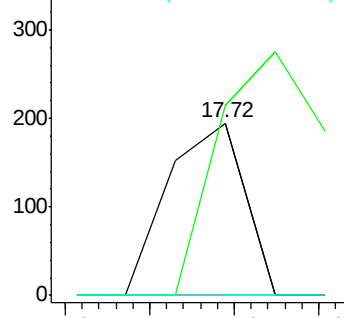
176 0.0 15.4 23.0#



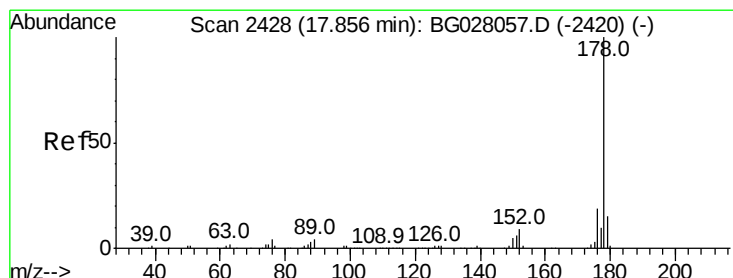
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#72

Anthracene

Concen: 0.006 ng/ul

RT: 17.72 min Scan# 2405

Delta R.T. -0.14 min

Lab File: BG028066.D

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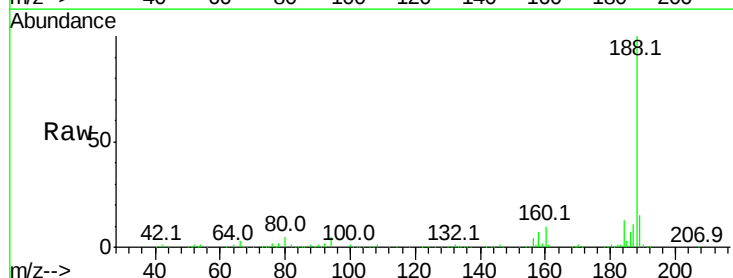
Tgt Ion:178 Resp: 122

Ion Ratio Lower Upper

178 100

179 109.7 13.4 20.2#

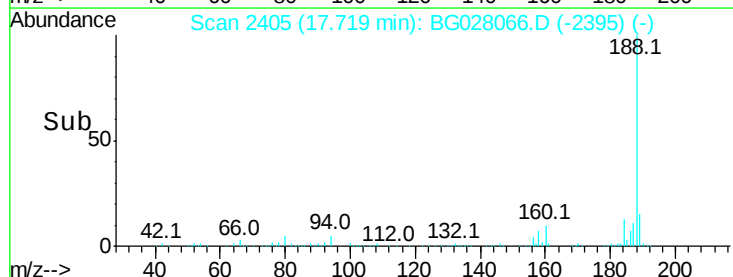
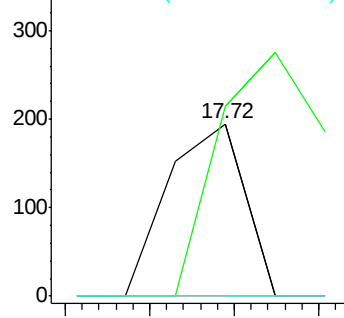
176 0.0 15.4 23.0#



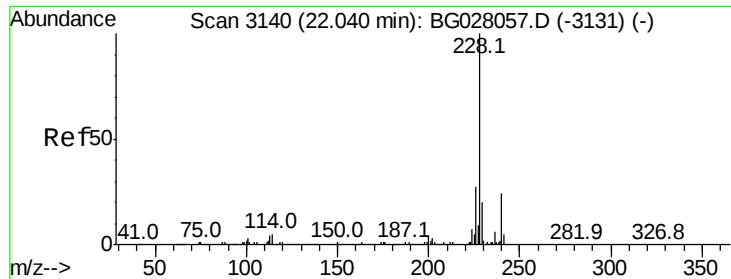
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



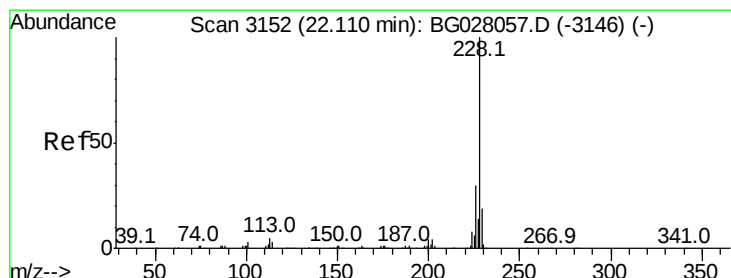
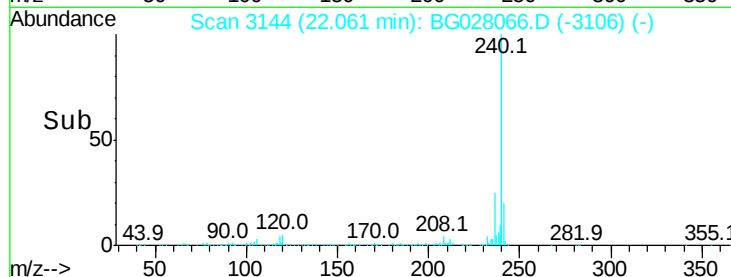
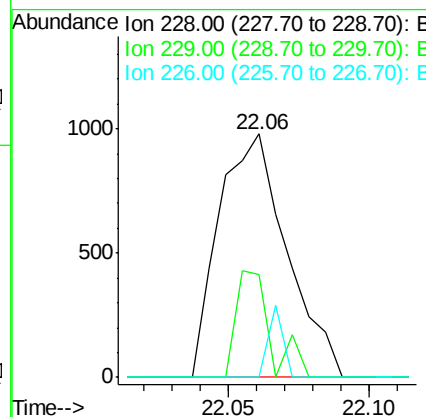
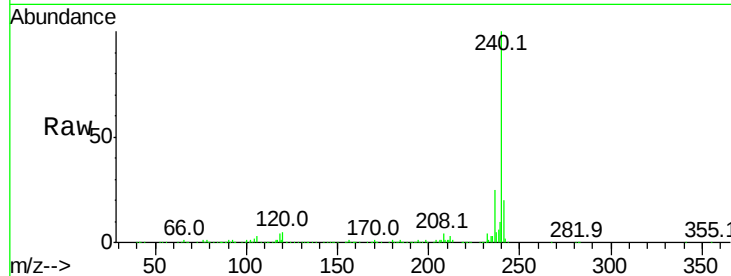
Time-->



#83
Benzo(a)anthracene
Concen: 0.054 ng/ul
RT: 22.06 min Scan# 3144
Delta R.T. 0.02 min
Lab File: BG028066.D
Acq: 28 Jul 2017 21:24

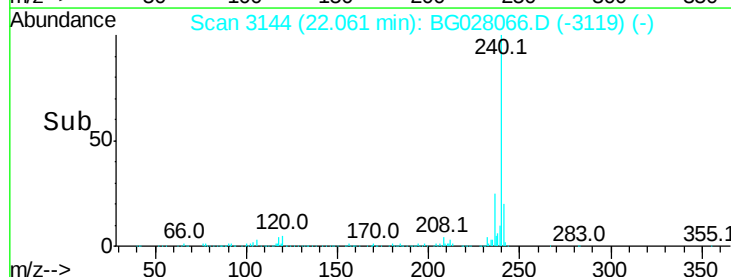
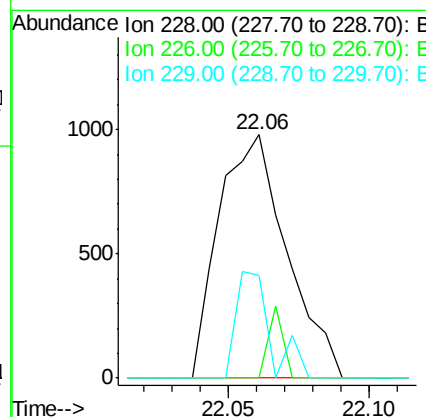
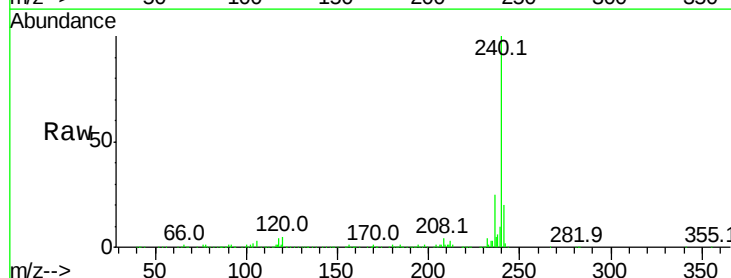
Instrument :
BNA_G
ClientSampleId :
SVOC-GPC-BLANK

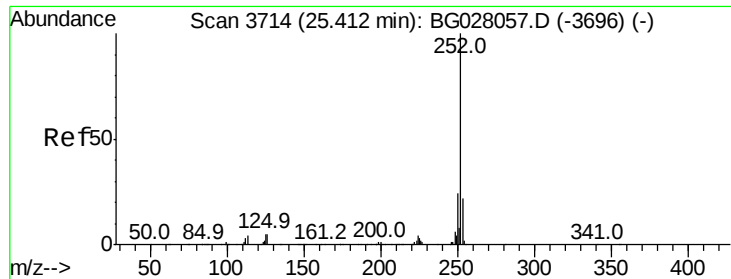
Tot Ion:228 Resp: 1628
Ion Ratio Lower Upper
228 100
229 42.2 16.0 24.0#
226 0.0 21.8 32.8#



#85
Chrysene
Concen: 0.059 ng/ul
RT: 22.06 min Scan# 3144
Delta R.T. -0.05 min
Lab File: BG028066.D
Acq: 28 Jul 2017 21:24

Tgt Ion:228 Resp: 1628
Ion Ratio Lower Upper
228 100
226 0.0 24.1 36.1#
229 42.2 16.0 24.0#





#91

Benzo(a)pyrene

Concen: 0.053 ng/ul

RT: 25.57 min Scan# 3741

Delta R.T. 0.15 min

Lab File: BG028066.D

Acq: 28 Jul 2017 21:24

Instrument :

BNA_G

ClientSampleId :

SVOC-GPC-BLANK

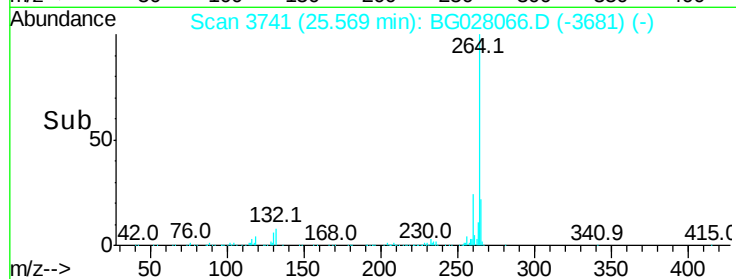
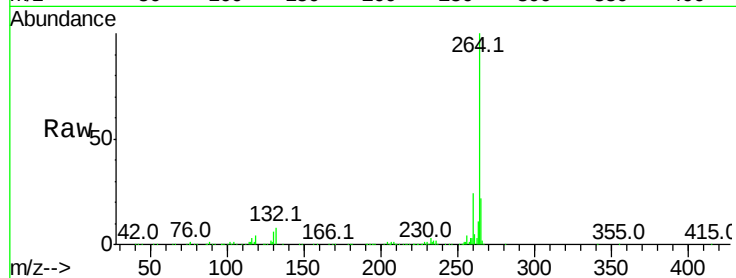
Tot Ion:252 Resp: 1620

Ion Ratio Lower Upper

252 100

253 39.1 17.2 25.8#

125 0.0 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

