

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\
 Data File : BG028358.D
 Acq On : 16 Aug 2017 00:38
 Operator : SJ/JU
 Sample : I4672-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Quant Time: Aug 16 04:08:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 04:06:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	39100	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	186292	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	134307	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	393627	20.00	ng/ul	0.10
75) Chrysene-d12	22.04	240	361420	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	343837	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	2599	3.10	ng/uL	0.00
5) Phenol-d5	7.51	99	82740	19.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	55294	20.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	61063	22.54	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	65193	18.16	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	32801	22.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	41845	26.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	76307	23.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	83208	22.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	276672	23.16	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	332710	24.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	35640	18.76	ng/ul	0.00
57) Fluorene-d10	15.95	176	249658	23.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	146	0.06	ng/ul	0.13
70) Anthracene-d10	17.81	188	393627	20.85	ng/ul	0.00
76) Pyrene-d10	20.09	212	470635	25.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	416164	25.85	ng/ul	0.00

Target Compounds

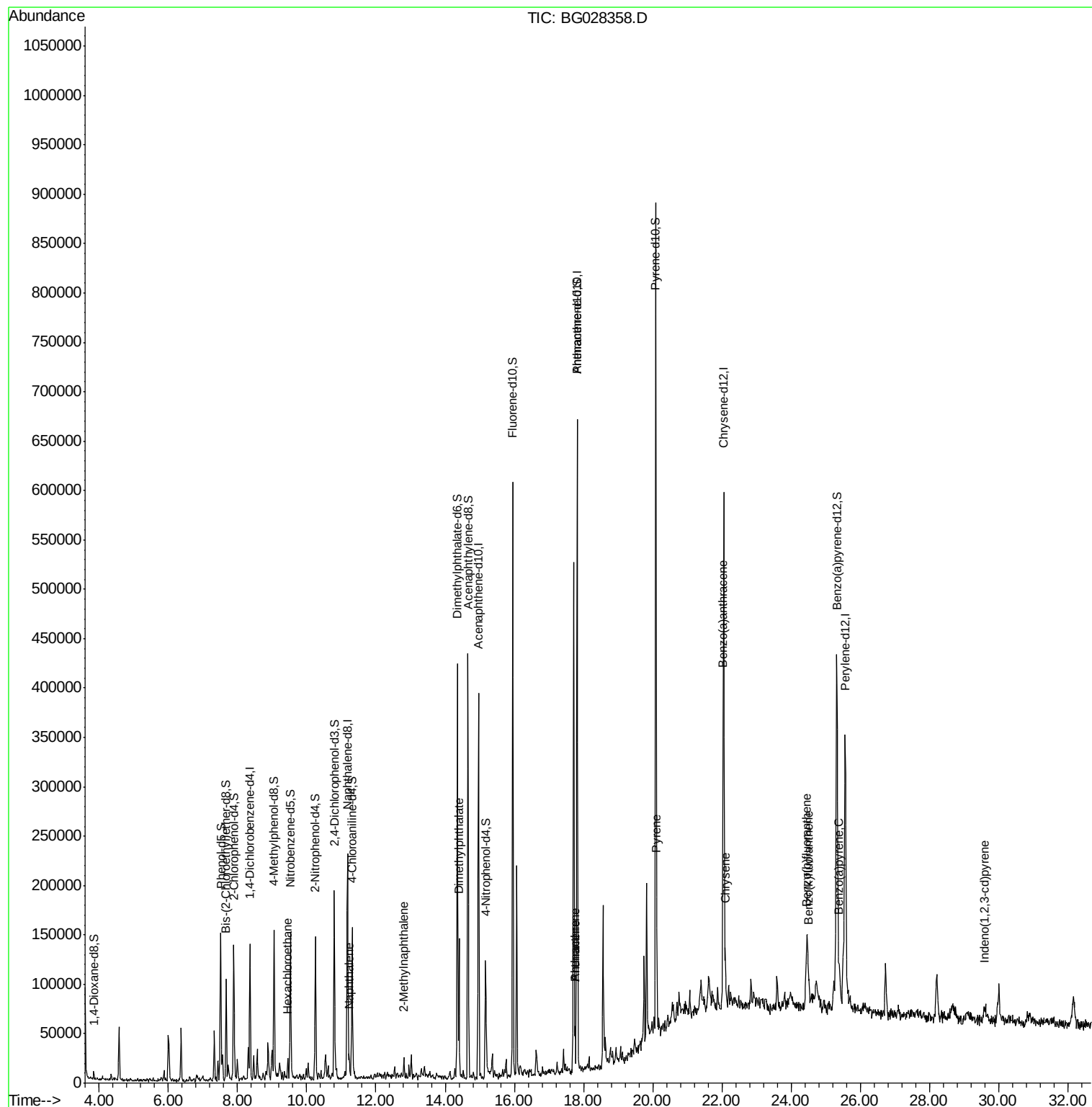
				Ovalue	
17) Hexachloroethane	9.46	117	1409	1.288	ng/ul# 1
28) Naphthalene	11.23	128	14864	1.611	ng/ul 97
34) 2-Methylnaphthalene	12.81	142	10178	1.373	ng/ul 96
44) Dimethylphthalate	14.40	163	84430	7.676	ng/ul 99
69) Phenanthrene	17.75	178	26097	1.317	ng/ul 97
71) Anthracene	17.75	178	26097	1.289	ng/ul 98
77) Pyrene	20.12	202	62517	2.899	ng/ul 99
80) Benzo(a)anthracene	22.03	228	44560	2.134	ng/ul 92
82) Chrysene	22.10	228	46526	2.474	ng/ul 99
85) Benzo(b)fluoranthene	24.44	252	68876	3.347	ng/ul# 96
86) Benzo(k)fluoranthene	24.50	252	23219	1.155	ng/ul# 93
88) Benzo(a)pyrene	25.39	252	45907	2.304	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	29.59	276	29084	1.247	ng/ul 94

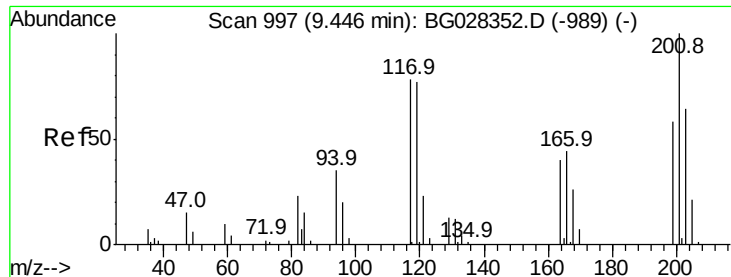
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Hexachloroethane

Concen: 1.288 ng/ul

RT: 9.46 min Scan# 999

Delta R.T. 0.01 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

Instrument :

BNA_G

ClientSampleId :

C0AG3

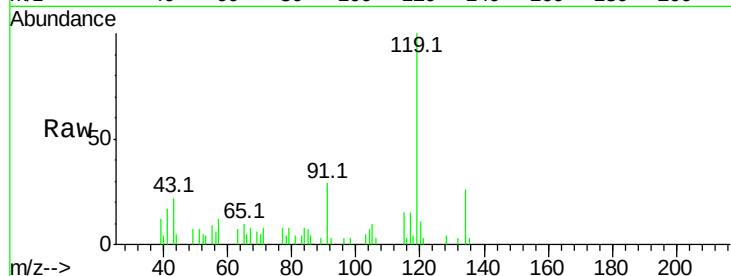
Tot Ion:117 Resp: 1409

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

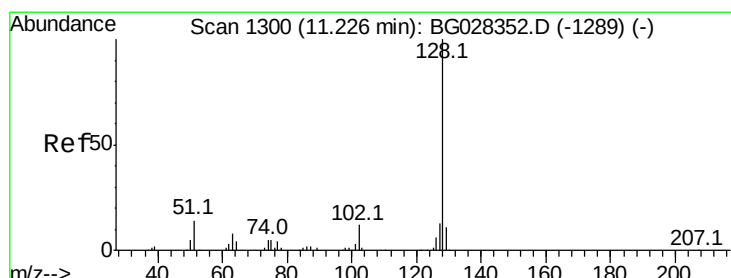
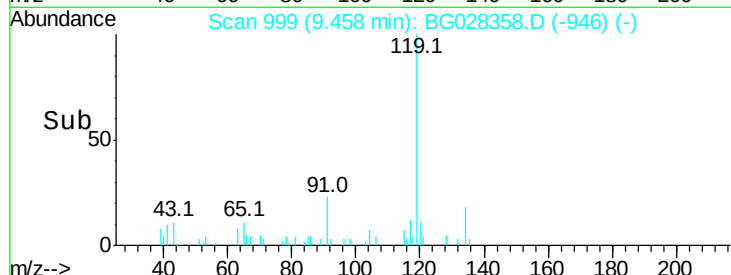
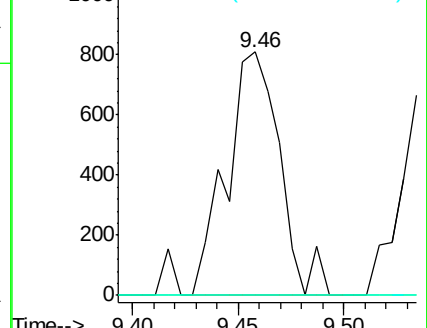
199 0.0 64.3 96.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 1.611 ng/ul

RT: 11.23 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

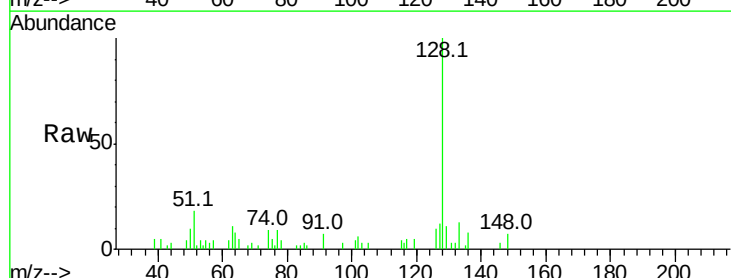
Tgt Ion:128 Resp: 14864

Ion Ratio Lower Upper

128 100

129 10.6 9.4 14.2

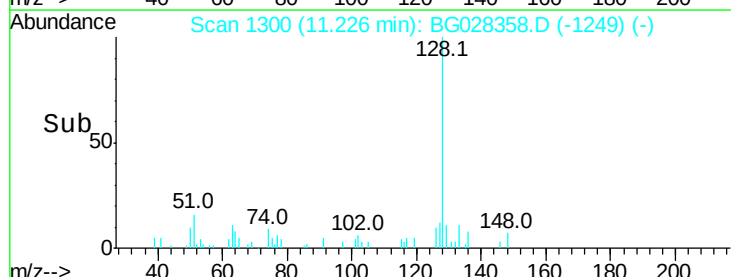
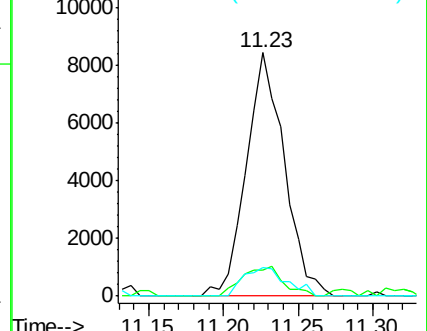
127 11.8 10.3 15.5

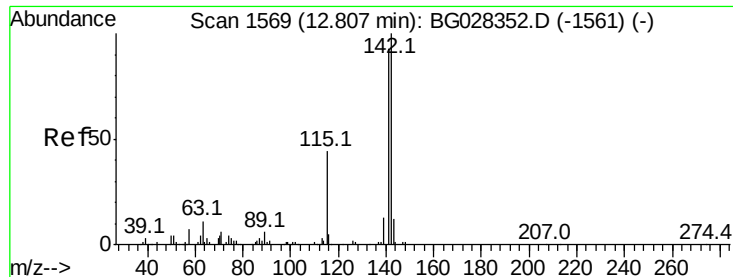


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

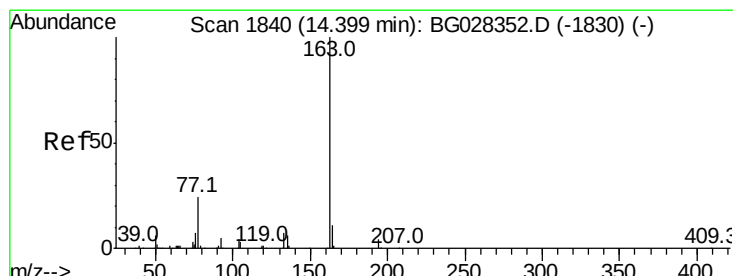
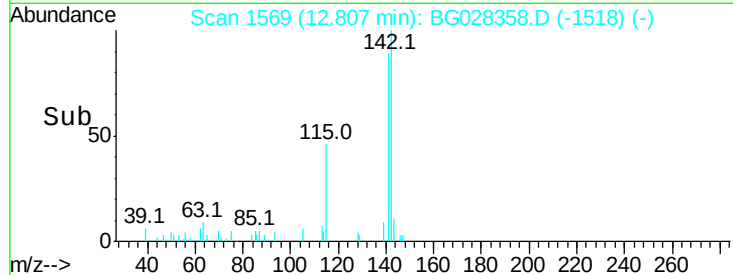
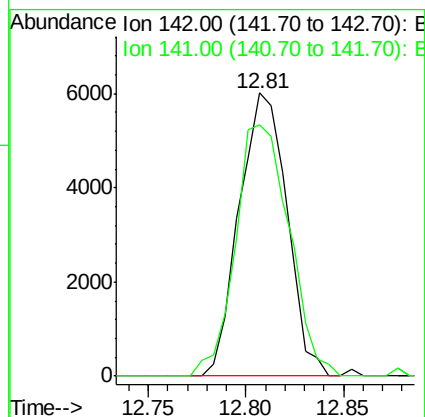
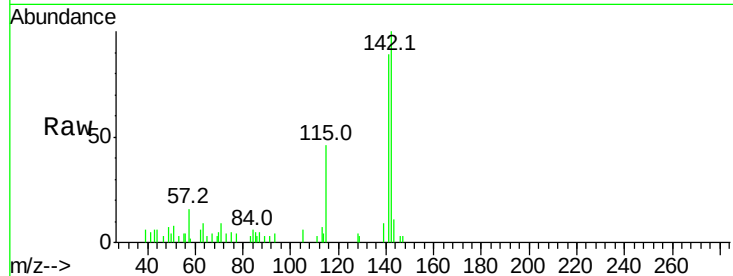




#34
 2-Methylnaphthalene
 Concen: 1.373 ng/ul
 RT: 12.81 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BG028358.D
 Acq: 16 Aug 2017 00:38

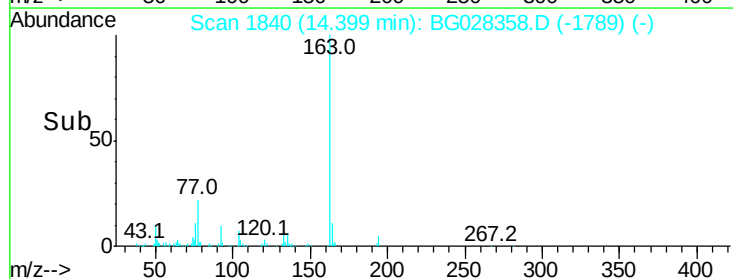
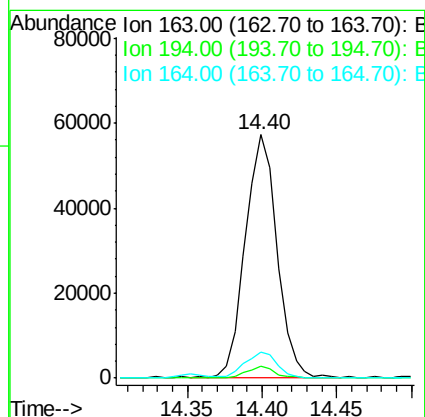
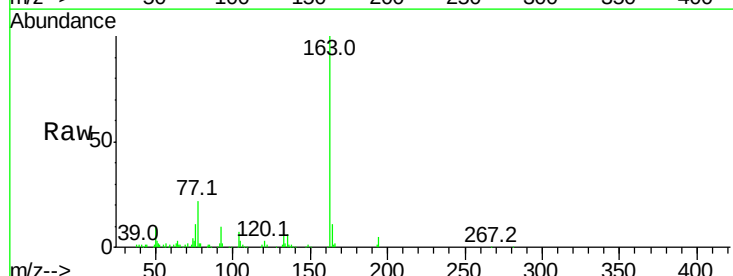
Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

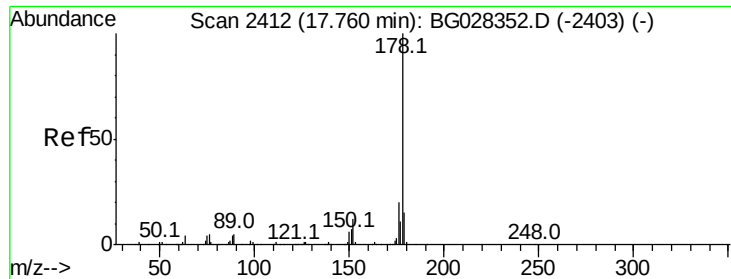
Tot Ion:142 Resp: 10178
 Ion Ratio Lower Upper
 142 100
 141 89.0 68.6 102.8



#44
 Dimethylphthalate
 Concen: 7.676 ng/ul
 RT: 14.40 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG028358.D
 Acq: 16 Aug 2017 00:38

Tgt Ion:163 Resp: 84430
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.4 5.0
 164 10.8 9.0 13.4





#69

Phenanthrene

Concen: 1.317 ng/ul

RT: 17.75 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

Instrument :

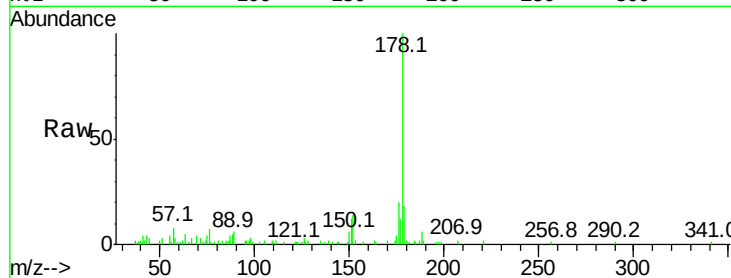
BNA_G

ClientSampleId :

C0AG3

Tot Ion:178 Resp: 26097

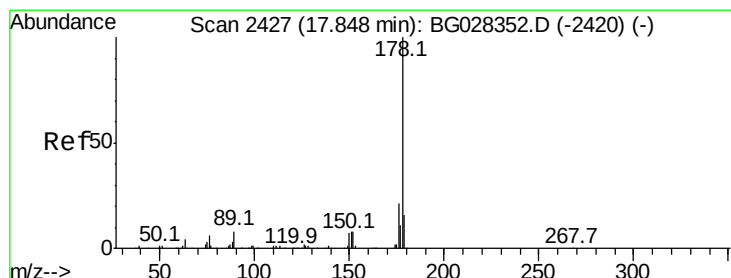
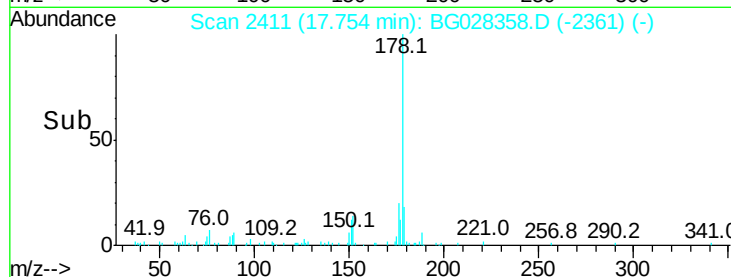
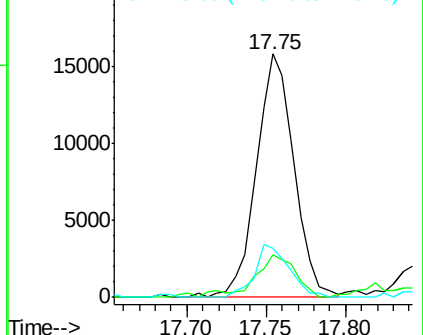
Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.4	18.6
176	20.2	16.5	24.7



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



#71

Anthracene

Concen: 1.289 ng/ul

RT: 17.75 min Scan# 2411

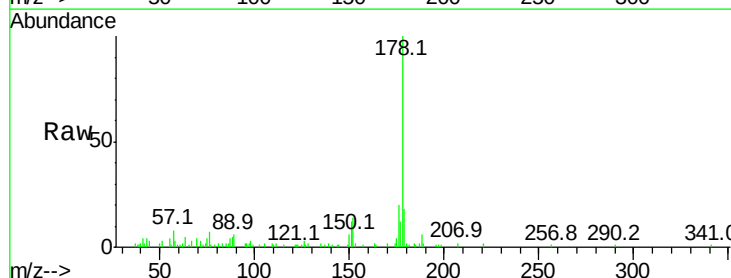
Delta R.T. -0.09 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

Tgt Ion:178 Resp: 26097

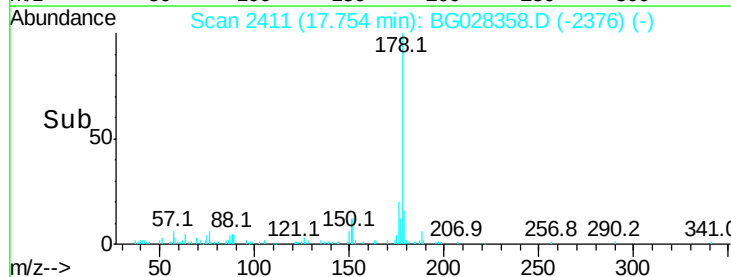
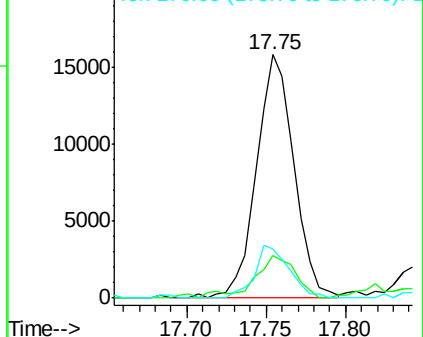
Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.6	19.0
176	20.2	15.9	23.9

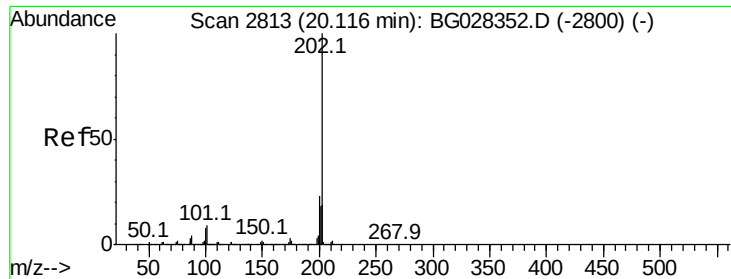


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Pvrene

Concen: 2.899 ng/ul

RT: 20.12 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

Instrument :

BNA_G

ClientSampleId :

C0AG3

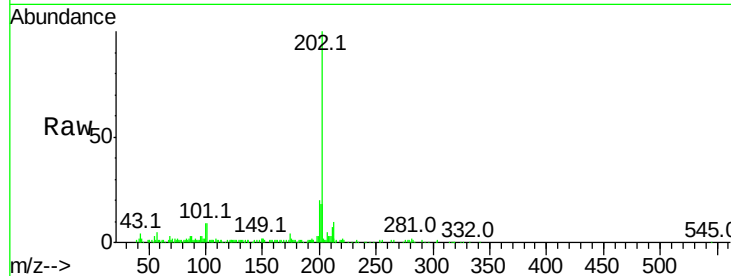
Tot Ion:202 Resp: 62517

Ion Ratio Lower Upper

202 100

101 9.3 6.9 10.3

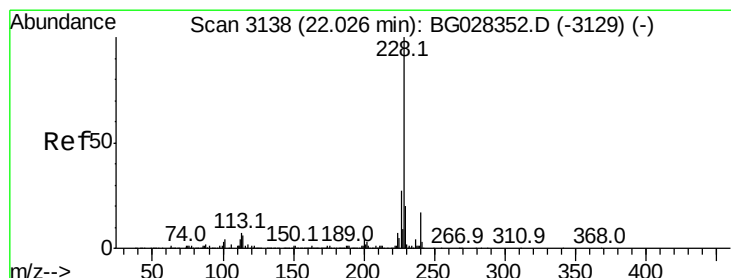
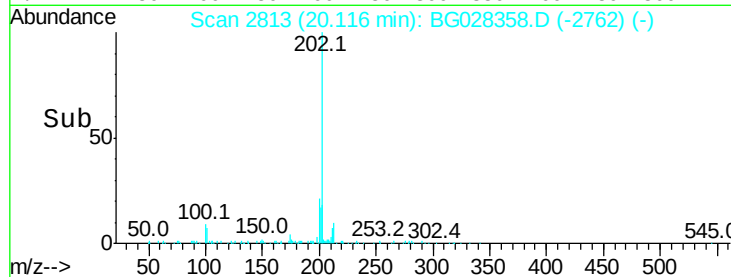
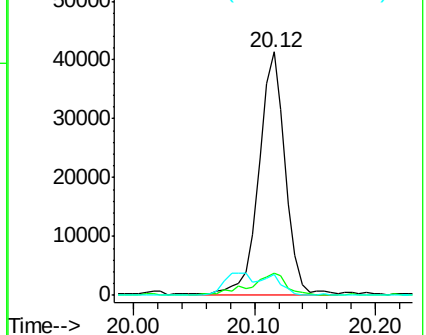
100 8.6 6.6 10.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 2.134 ng/ul

RT: 22.03 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

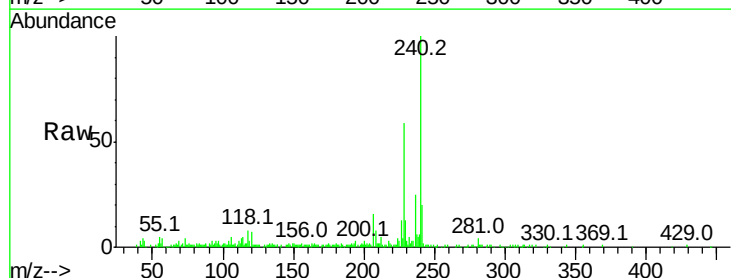
Tgt Ion:228 Resp: 44560

Ion Ratio Lower Upper

228 100

229 22.7 16.3 24.5

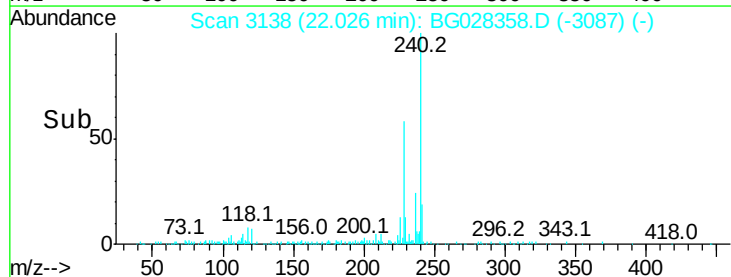
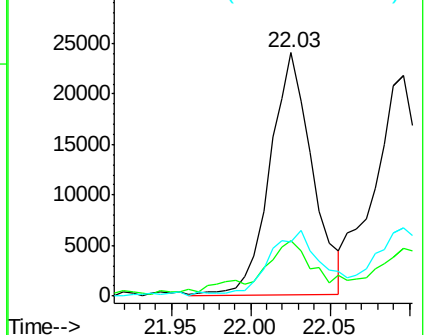
226 22.5 21.9 32.9

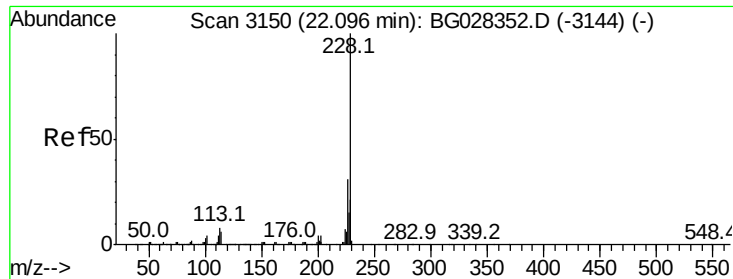


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.474 ng/ul

RT: 22.10 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

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ClientSampleId :

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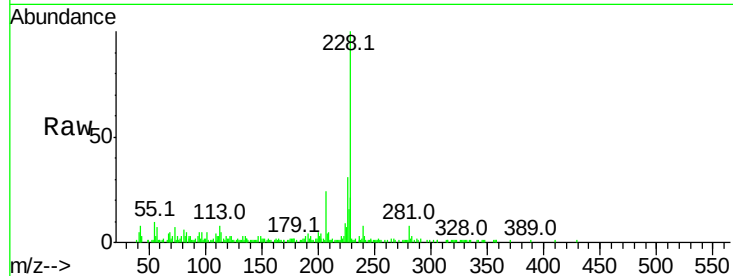
Tot Ion:228 Resp: 46526

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

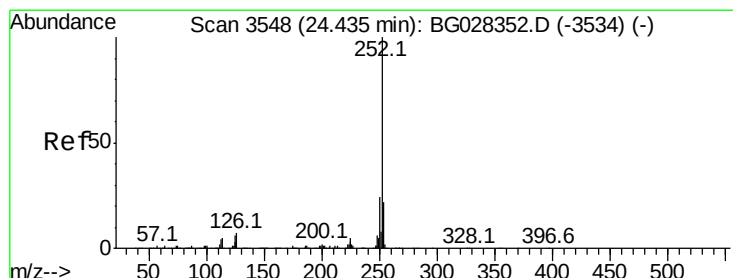
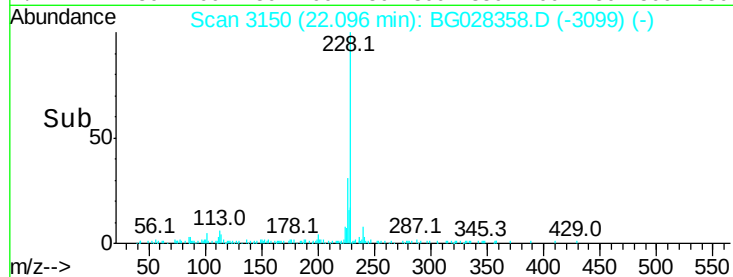
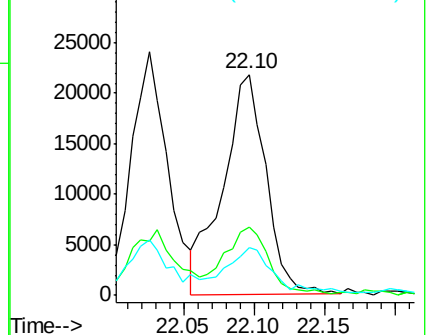
229 21.4 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 3.347 ng/ul

RT: 24.44 min Scan# 3549

Delta R.T. 0.01 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

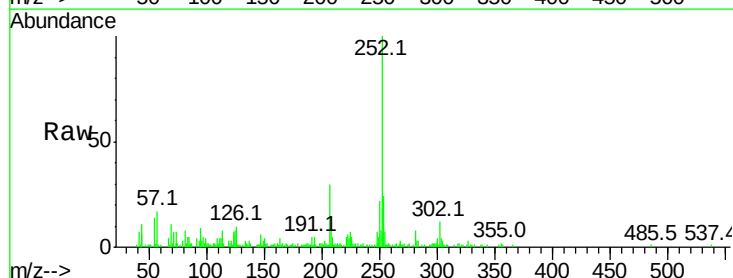
Tgt Ion:252 Resp: 68876

Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

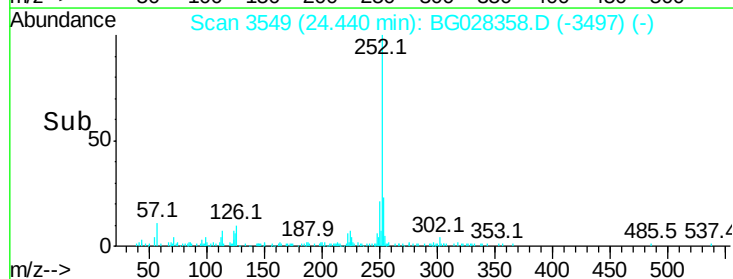
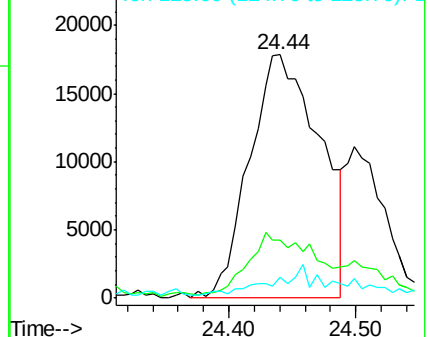
125 8.4 4.0 6.0#

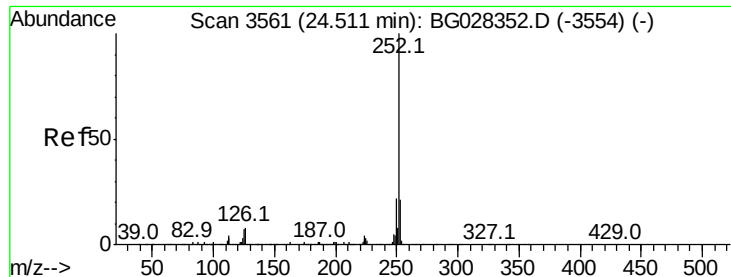


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.155 ng/ul

RT: 24.50 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BG028358.D

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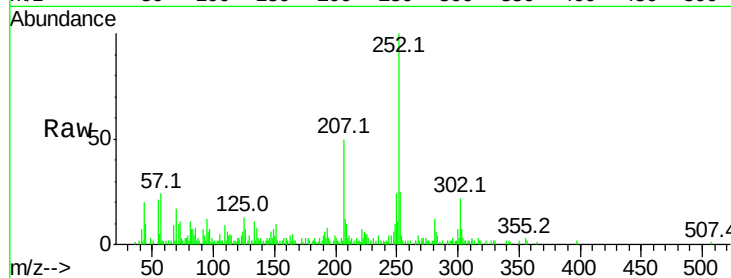
Tot Ion:252 Resp: 23219

Ion Ratio Lower Upper

252 100

253 24.6 18.5 27.7

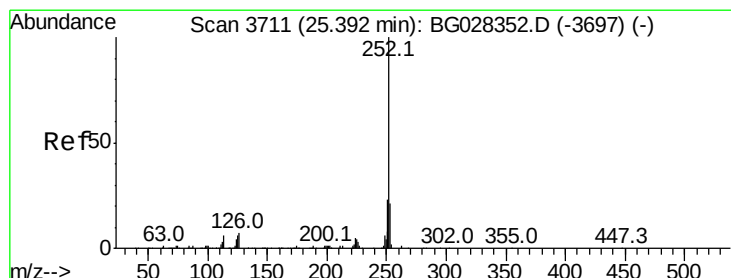
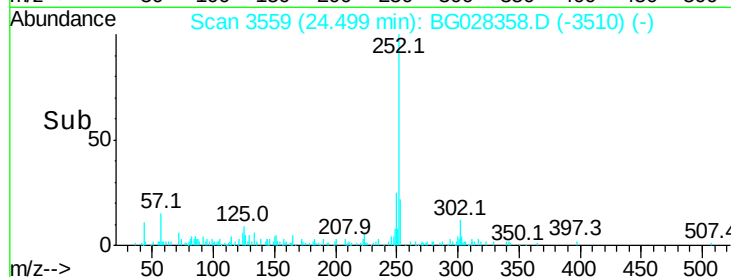
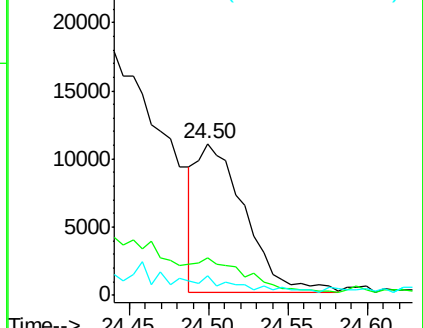
125 12.6 4.1 6.1#



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



#88

Benzo(a)pyrene

Concen: 2.304 ng/ul

RT: 25.39 min Scan# 3710

Delta R.T. -0.01 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

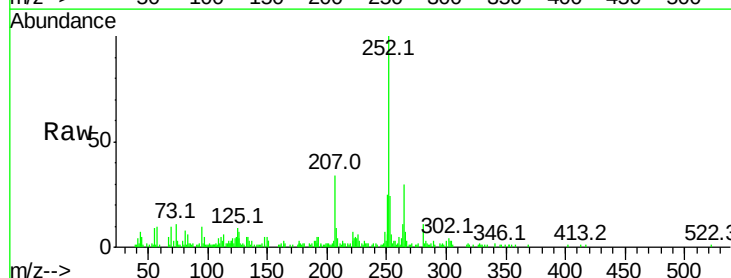
Tgt Ion:252 Resp: 45907

Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.6

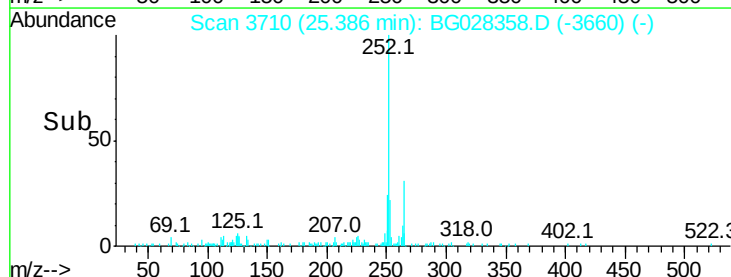
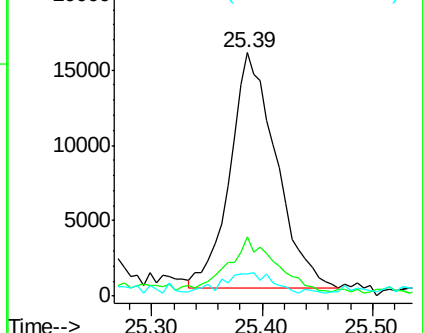
125 9.1 5.4 8.0#

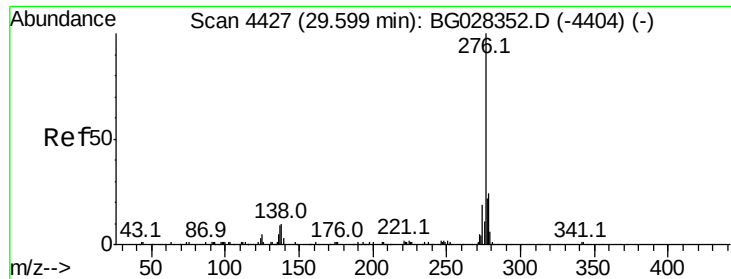


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.247 ng/ul

RT: 29.59 min Scan# 4426

Delta R.T. -0.01 min

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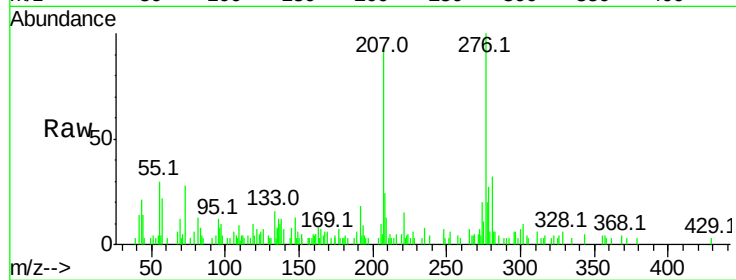
Tot Ion:276 Resp: 29084

Ion Ratio Lower Upper

276 100

138 12.0 8.2 12.4

277 20.0 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

