

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
 Data File : BG017392.D
 Acq On : 2 Jun 2015 13:21
 Operator : TP/IZ
 Sample : G2430-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRES

Quant Time: Jun 03 03:46:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 03 03:45:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	21064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	88677	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	60184	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	138062	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	157454	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	154961	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	1073	2.42	ng/uL	0.00
5) Phenol-d5	6.84	99	22049	12.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	14515	13.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	20055	13.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	11131	7.32	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	9733	14.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	13160	16.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	20446	14.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	11300	6.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	68813	16.04	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	83048	14.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	7916	9.67	ng/ul	0.00
57) Fluorene-d10	15.30	176	62845	15.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	12135	12.56	ng/ul	-0.01
70) Anthracene-d10	17.15	188	96047	14.85	ng/ul	0.00
76) Pyrene-d10	19.45	212	108853	14.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	93055	13.45	ng/ul	0.00

Target Compounds

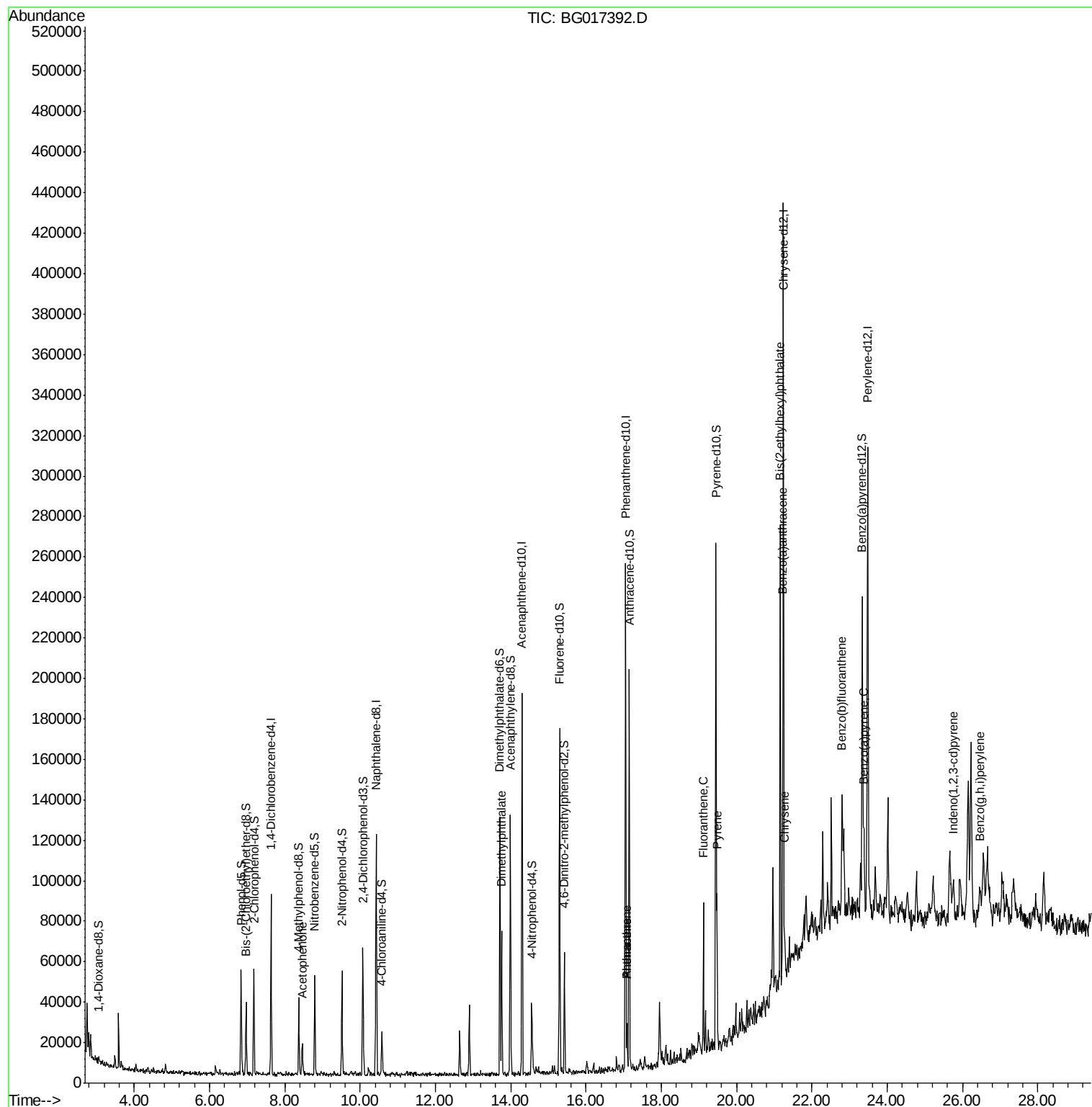
						Qvalue
14) Acetophenone	8.46	105	7947	3.31	ng/ul#	82
44) Dimethylphthalate	13.76	163	37097	7.79	ng/ul	96
69) Phenanthrene	17.09	178	12427	1.69	ng/ul	94
71) Anthracene	17.09	178	12427	1.64	ng/ul	95
74) Fluoranthene	19.11	202	39144	4.42	ng/ul#	96
77) Pyrene	19.48	202	42153	4.28	ng/ul#	93
80) Benzo(a)anthracene	21.22	228	21462	2.29	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.16	149	66445	10.43	ng/ul	97
82) Chrysene	21.28	228	23423	2.70	ng/ul	98
85) Benzo(b)fluoranthene	22.80	252	29514	3.16	ng/ul#	87
88) Benzo(a)pyrene	23.38	252	23051	2.61	ng/ul	93
89) Indeno(1,2,3-cd)pyrene	25.75	276	17059	1.72	ng/ul	96
91) Benzo(g,h,i)perylene	26.46	276	16398	1.97	ng/ul#	93

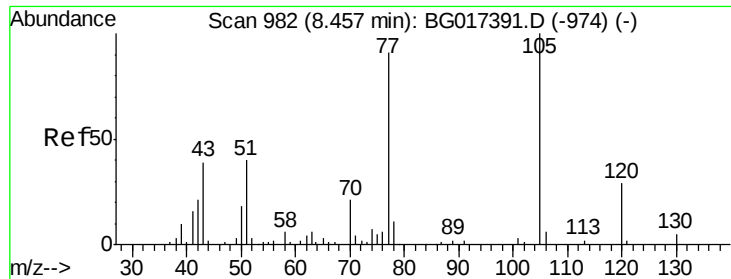
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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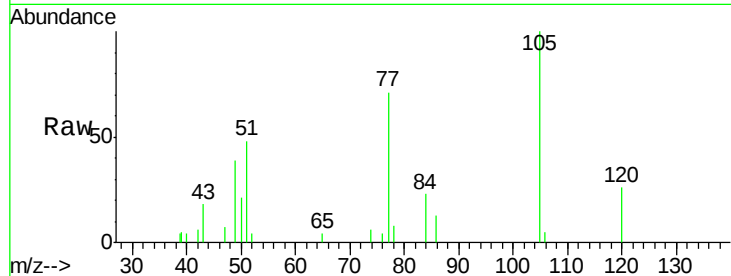




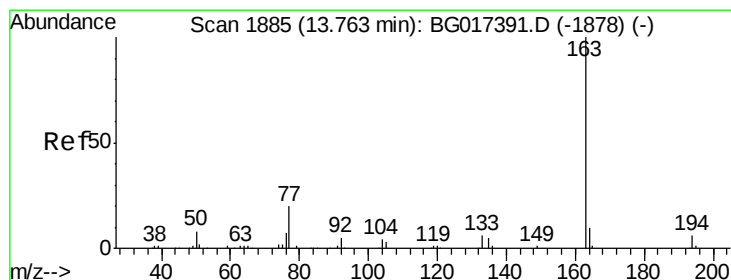
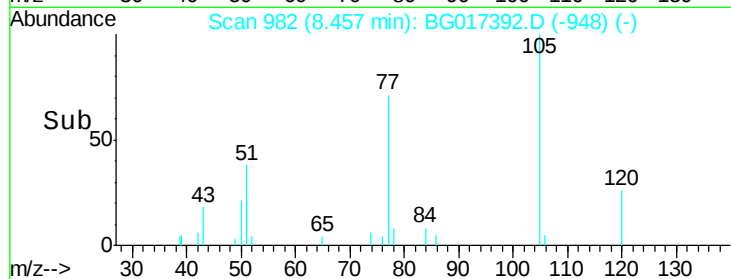
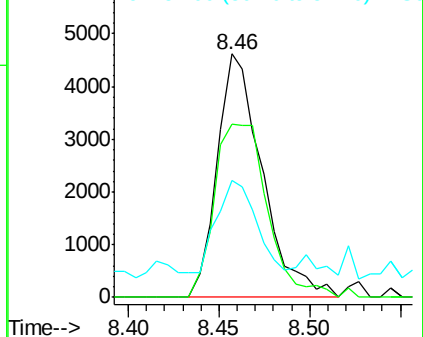
#14
Acetophenone
Concen: 3.31 ng/ul
RT: 8.46 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG017392.D
Acq: 2 Jun 2015 13:21

Instrument :
BNA_G
ClientSampleId :
BCRE3

Tgt Ion:105 Resp: 7947
Ion Ratio Lower Upper
105 100
77 71.3 69.4 104.0
51 48.1 29.0 43.4#

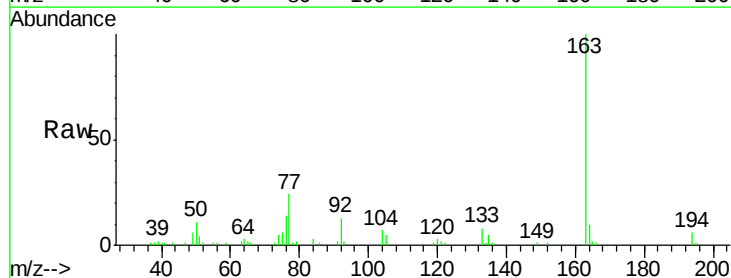


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

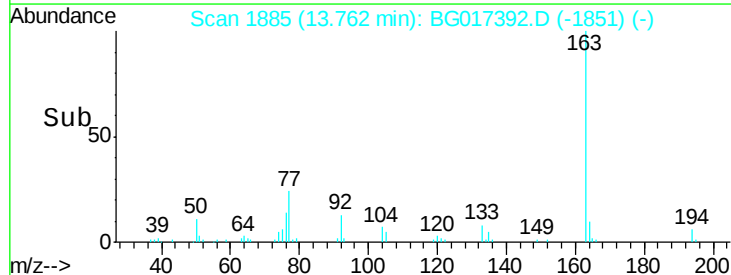
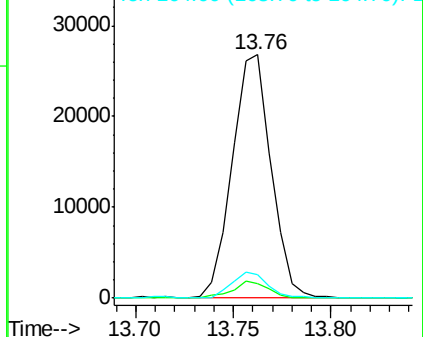


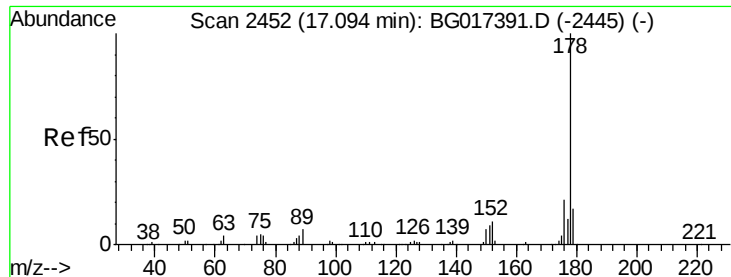
#44
Dimethylphthalate
Concen: 7.79 ng/ul
RT: 13.76 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG017392.D
Acq: 2 Jun 2015 13:21

Tgt Ion:163 Resp: 37097
Ion Ratio Lower Upper
163 100
194 5.8 5.2 7.8
164 9.7 9.2 13.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.69 ng/ul

RT: 17.09 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG017392.D

Acq: 2 Jun 2015 13:21

Instrument :

BNA_G

ClientSampleId :

BCRE3

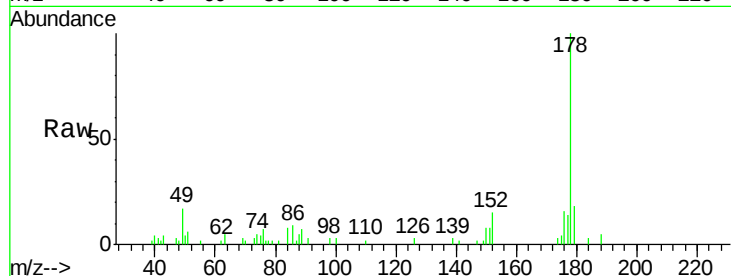
Tgt Ion:178 Resp: 12427

Ion Ratio Lower Upper

178 100

179 17.9 12.4 18.6

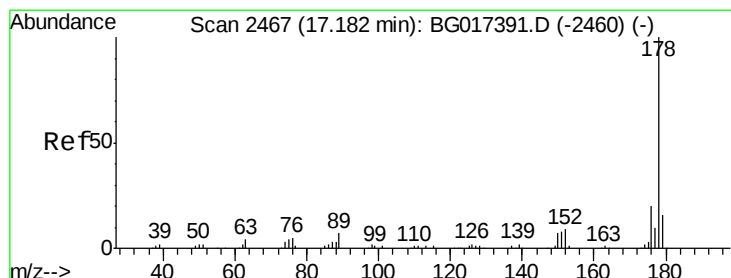
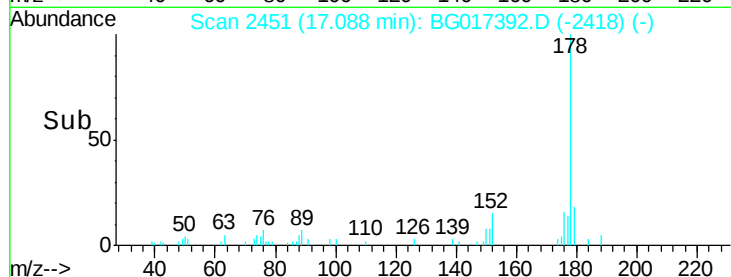
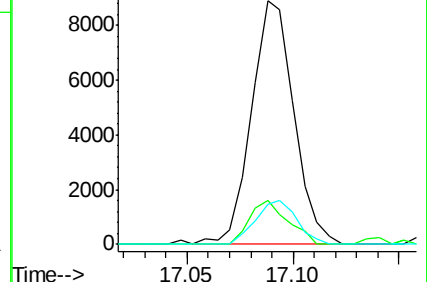
176 16.4 15.5 23.3



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: 1.64 ng/ul

RT: 17.09 min Scan# 2451

Delta R.T. -0.09 min

Lab File: BG017392.D

Acq: 2 Jun 2015 13:21

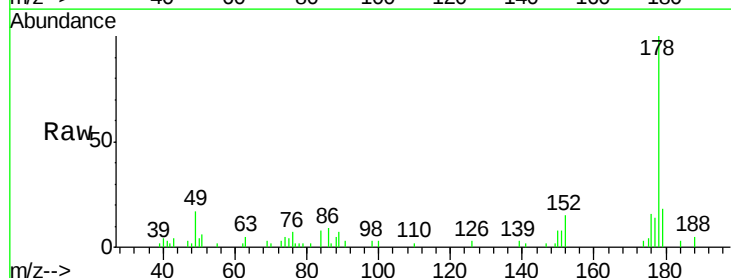
Tgt Ion:178 Resp: 12427

Ion Ratio Lower Upper

178 100

179 17.9 12.1 18.1

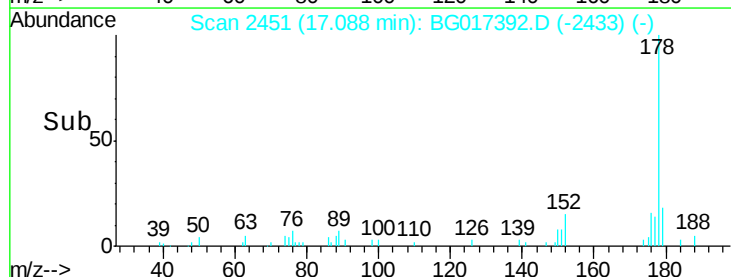
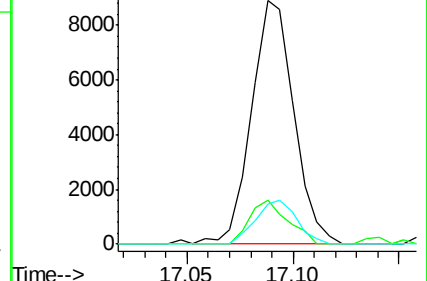
176 16.4 14.4 21.6

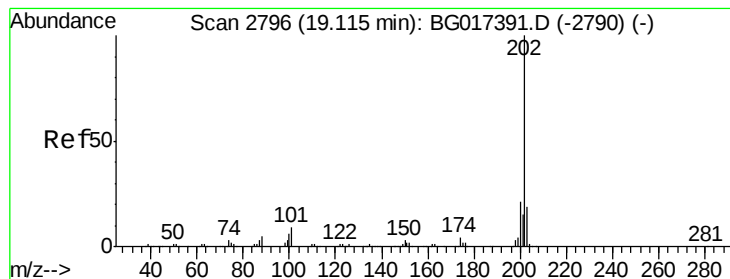


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.42 ng/ul

RT: 19.11 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG017392.D

Acq: 2 Jun 2015 13:21

Instrument :

BNA_G

ClientSampleId :

BCRE3

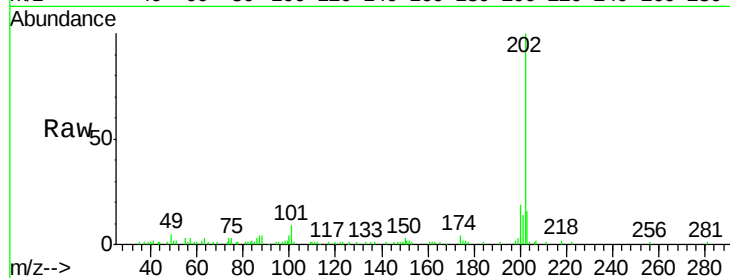
Tgt Ion:202 Resp: 39144

Ion Ratio Lower Upper

202 100

101 9.5 7.8 11.8

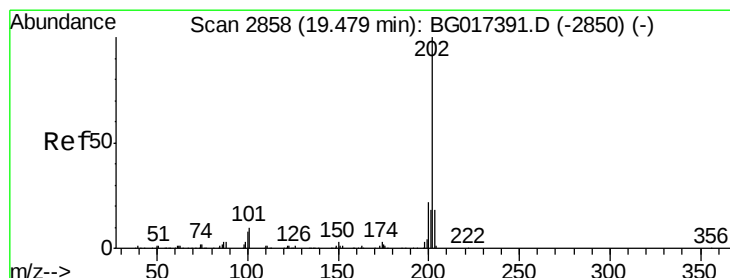
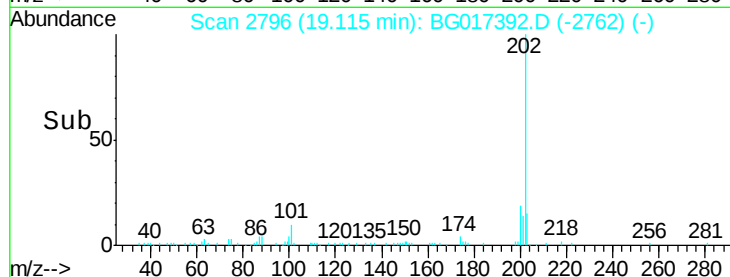
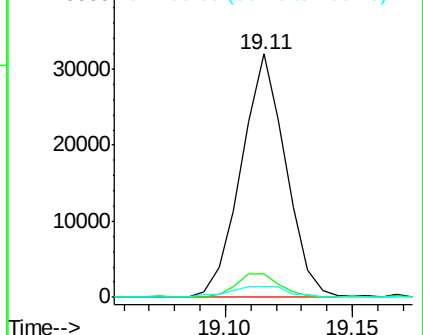
100 4.2 5.8 8.8#



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): B



#77

Pyrene

Concen: 4.28 ng/ul

RT: 19.48 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG017392.D

Acq: 2 Jun 2015 13:21

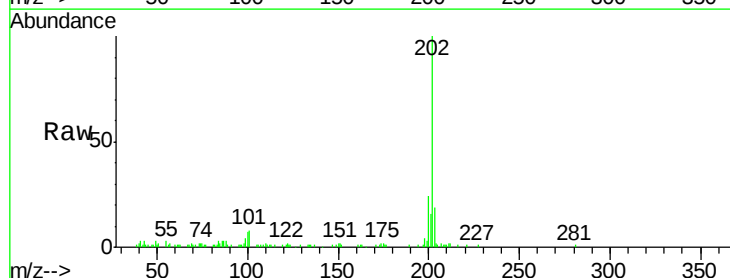
Tgt Ion:202 Resp: 42153

Ion Ratio Lower Upper

202 100

101 8.1 8.6 12.8#

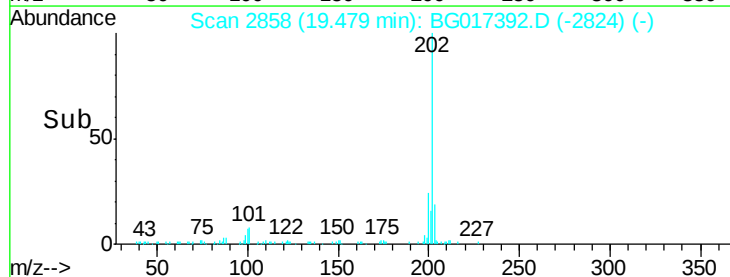
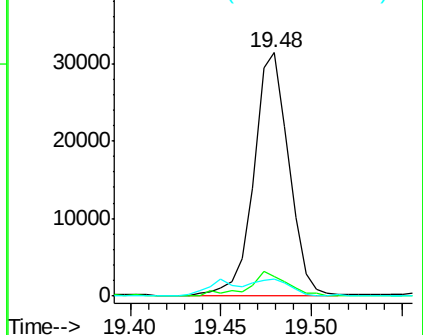
100 6.9 7.4 11.2#

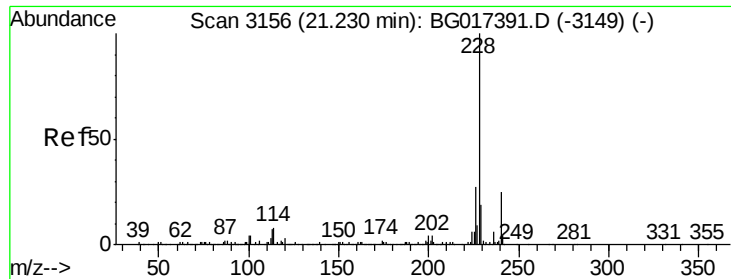


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.29 ng/ul

RT: 21.22 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG017392.D

Acq: 2 Jun 2015 13:21

Instrument :

BNA_G

ClientSampleId :

BCRE3

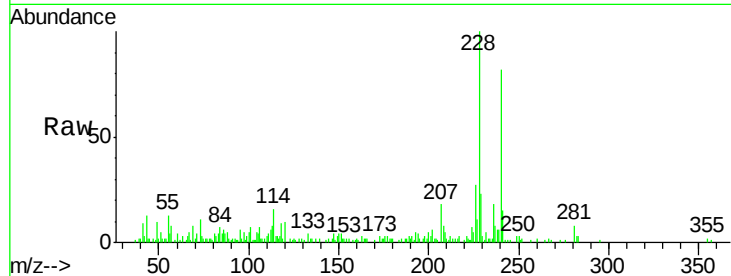
Tgt Ion:228 Resp: 21462

Ion Ratio Lower Upper

228 100

229 23.4 16.2 24.4

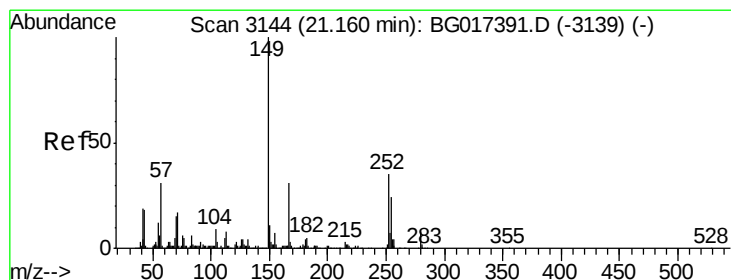
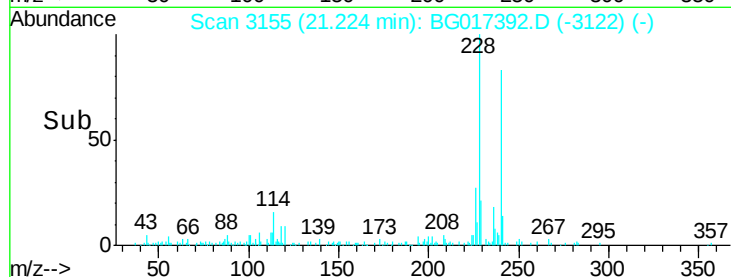
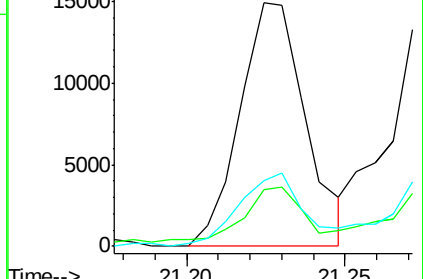
226 27.1 22.2 33.2



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 10.43 ng/ul

RT: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017392.D

Acq: 2 Jun 2015 13:21

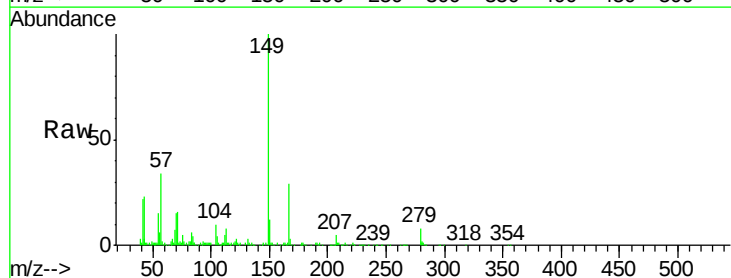
Tgt Ion:149 Resp: 66445

Ion Ratio Lower Upper

149 100

167 29.5 25.1 37.7

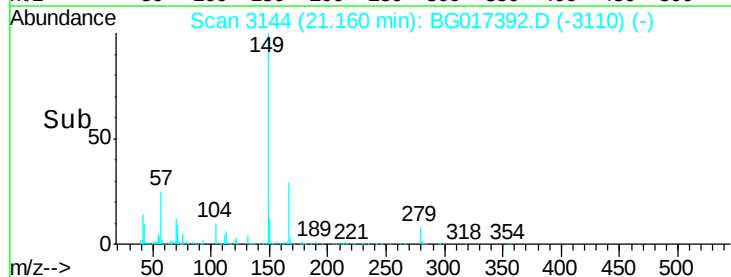
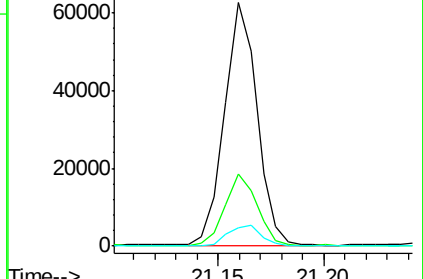
279 7.6 7.0 10.4

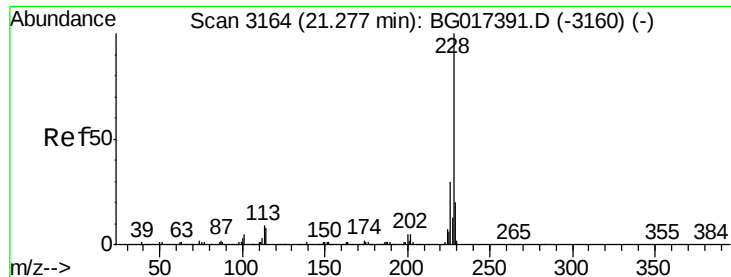


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 2.70 ng/ul

RT: 21.28 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG017392.D

Acq: 2 Jun 2015 13:21

Instrument :

BNA_G

ClientSampleId :

BCRE3

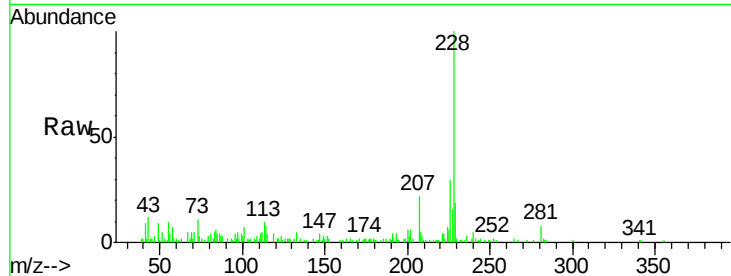
Tgt Ion:228 Resp: 23423

Ion Ratio Lower Upper

228 100

226 29.9 23.0 34.4

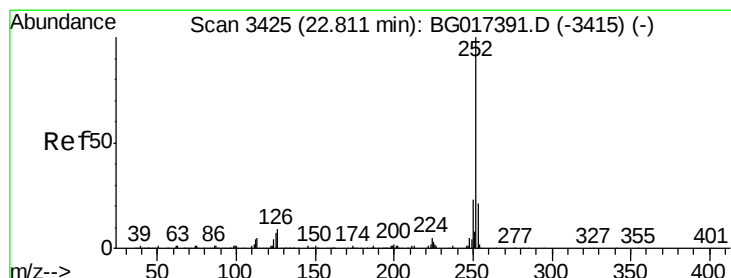
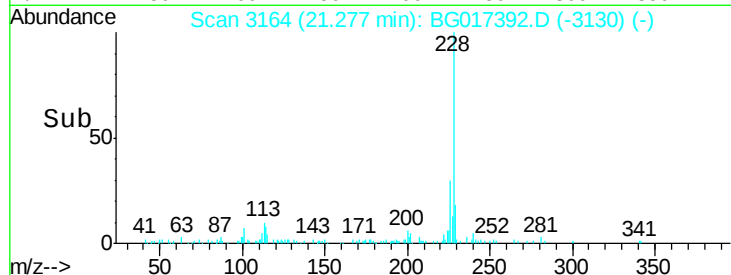
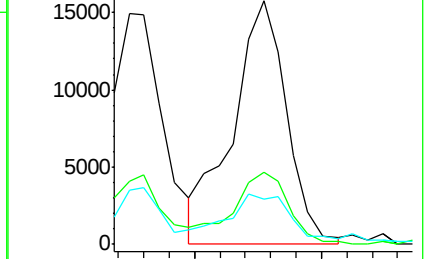
229 18.8 15.7 23.5



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: 3.16 ng/ul

RT: 22.80 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BG017392.D

Acq: 2 Jun 2015 13:21

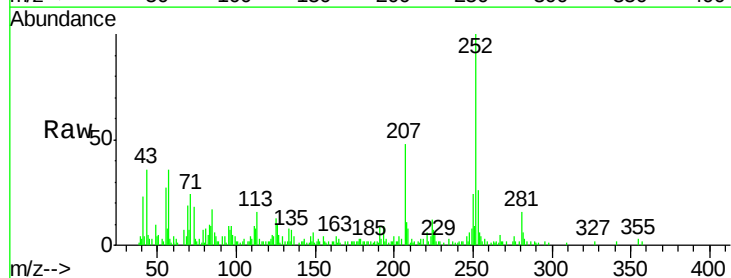
Tgt Ion:252 Resp: 29514

Ion Ratio Lower Upper

252 100

253 25.9 16.6 25.0#

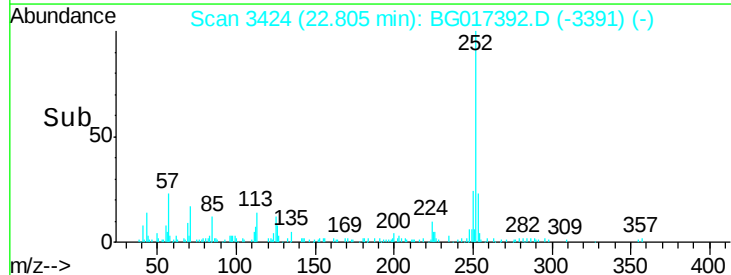
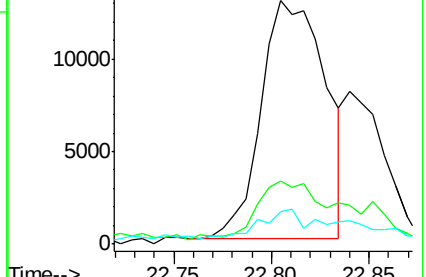
125 13.3 5.4 8.0#

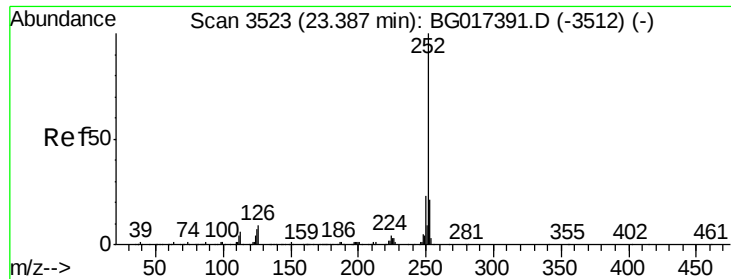


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.61 ng/ul

RT: 23.38 min Scan# 3522

Delta R.T. -0.01 min

Lab File: BG017392.D

Acq: 2 Jun 2015 13:21

Instrument :

BNA_G

ClientSampleId :

BCRE3

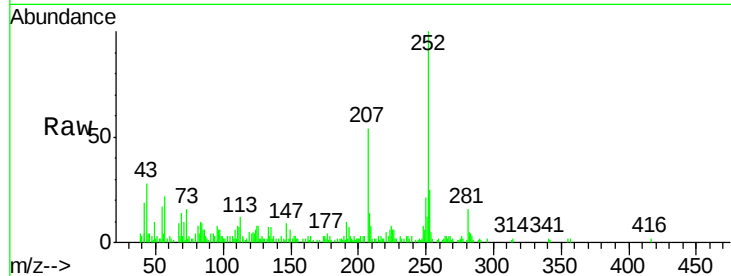
Tgt Ion:252 Resp: 23051

Ion Ratio Lower Upper

252 100

253 25.1 16.9 25.3

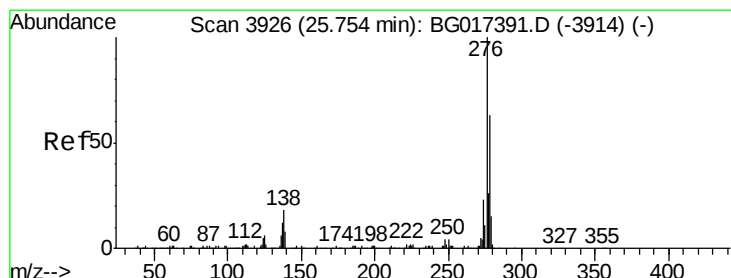
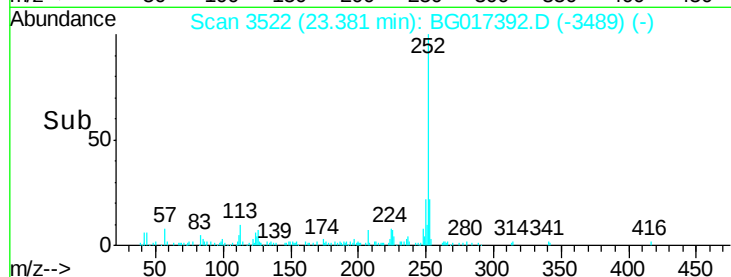
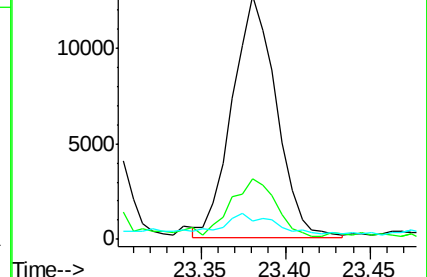
125 7.6 7.0 10.4



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: 1.72 ng/ul

RT: 25.75 min Scan# 3926

Delta R.T. -0.00 min

Lab File: BG017392.D

Acq: 2 Jun 2015 13:21

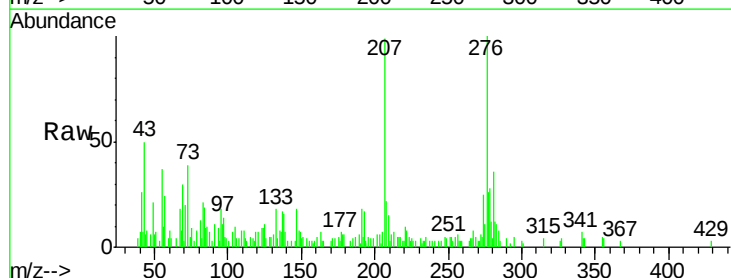
Tgt Ion:276 Resp: 17059

Ion Ratio Lower Upper

276 100

138 15.6 15.3 22.9

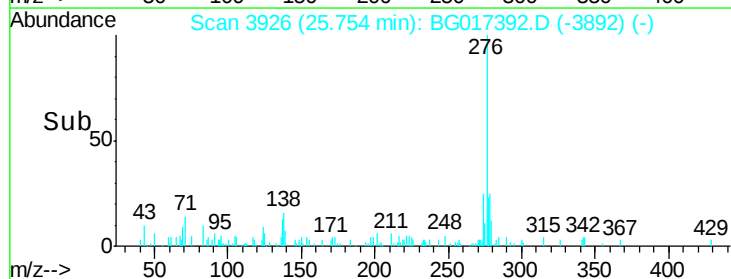
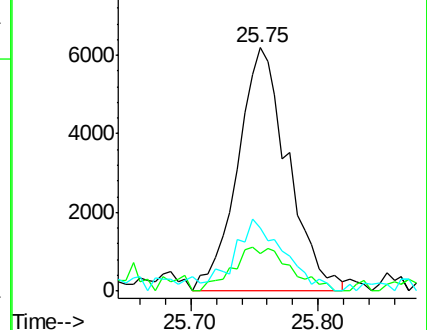
277 25.8 20.8 31.2

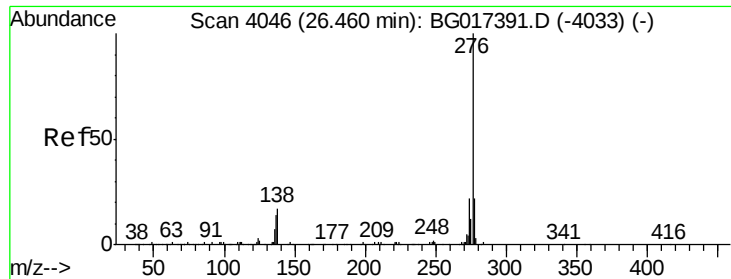


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.97 ng/ul

RT: 26.46 min Scan# 4046

Delta R.T. -0.00 min

Lab File: BG017392.D

Acq: 2 Jun 2015 13:21

Instrument :

BNA_G

ClientSampleId :

BCRE3

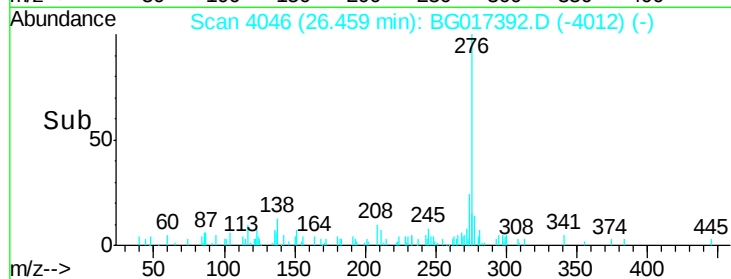
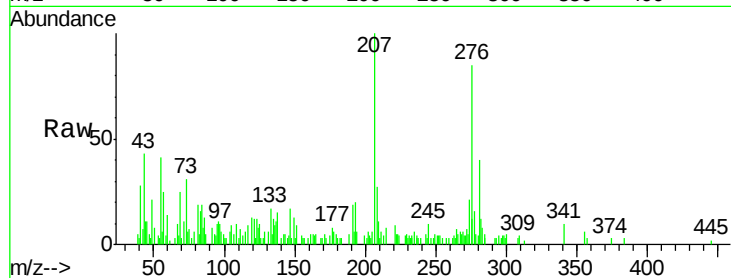
Tgt Ion: 276 Resp: 16398

Ion Ratio Lower Upper

276 100

138 18.3 15.1 22.7

277 18.6 19.1 28.7#



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

