

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029467.D
 Acq On : 26 Oct 2017 7:40
 Operator : SJ/JU
 Sample : I5792-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 14:23:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:08:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	93711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	438762	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	278169	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	628021	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	660547	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	669457	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	18746	8.13	ng/uL	0.00
5) Phenol-d5	7.32	99	396121	44.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	231853	41.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	313639	49.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	308502	42.47	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	166245	52.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	197432	61.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	355326	48.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	346537	40.56	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1077670	45.32	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1356332	46.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	160837	36.63	ng/ul	0.00
57) Fluorene-d10	15.78	176	972798	49.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	170003	55.46	ng/ul	0.00
70) Anthracene-d10	17.53	188	628021	21.14	ng/ul	-0.09
76) Pyrene-d10	19.90	212	1558977	45.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	1590790	50.17	ng/ul	0.01

Target Compounds

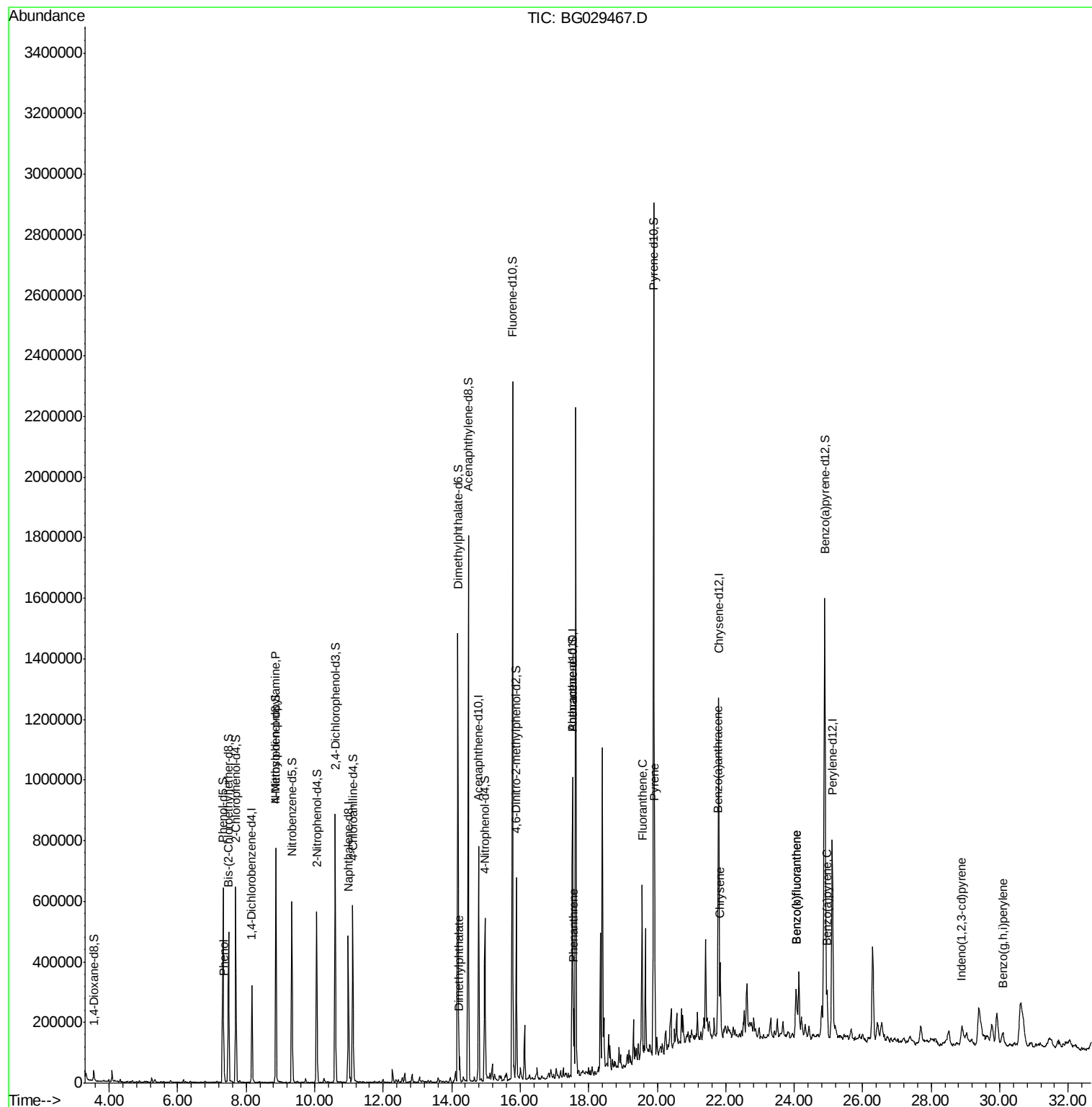
					Ovalue
6) Phenol	7.34	94	53413	5.739	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.87	70	7587	1.234	ng/ul# 1
44) Dimethylphthalate	14.23	163	51833	2.235	ng/ul 96
69) Phenanthrene	17.57	178	148252	4.367	ng/ul 98
74) Fluoranthene	19.56	202	279294	7.361	ng/ul 99
77) Pyrene	19.92	202	325700	7.357	ng/ul 98
80) Benzo(a)anthracene	21.77	228	158613	3.832	ng/ul 96
82) Chrysene	21.84	228	188308	5.006	ng/ul 97
85) Benzo(b)fluoranthene	24.05	252	214029	5.325	ng/ul 98
86) Benzo(k)fluoranthene	24.05	252	214029	5.508	ng/ul 98
88) Benzo(a)pyrene	24.96	252	163731	4.185	ng/ul 98
89) Indeno(1,2,3-cd)pyrene	28.90	276	113363	2.561	ng/ul 97
91) Benzo(g,h,i)perylene	30.09	276	101003	2.753	ng/ul 97

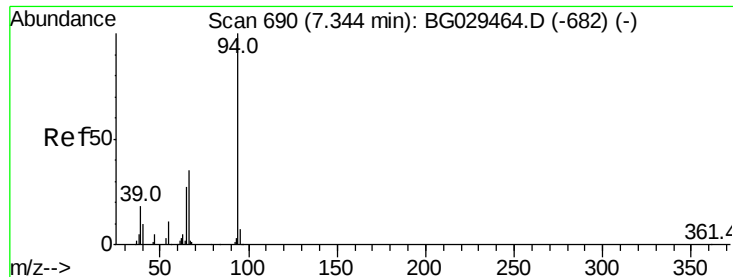
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 5.739 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Instrument :

BNA_G

ClientSampled :

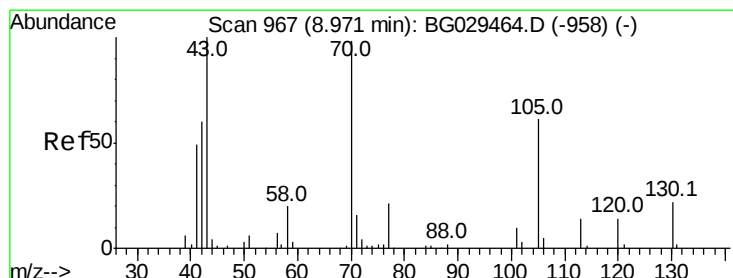
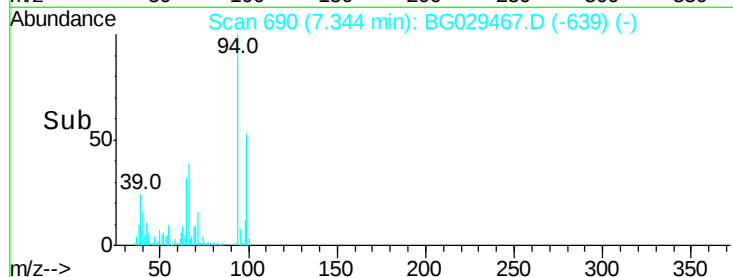
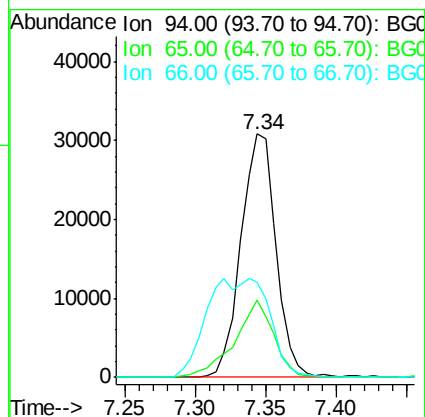
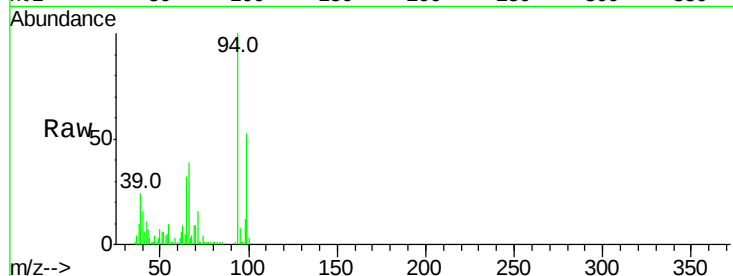
Tot Ion: 94 Resp: 53413

Ion Ratio Lower Upper

94 100

65 31.5 27.1 40.7

66 39.0 34.6 52.0



#15

N-Nitroso-di-n-propylamine

Concen: 1.234 ng/ul

RT: 8.87 min Scan# 949

Delta R.T. -0.11 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Tgt Ion: 70 Resp: 7587

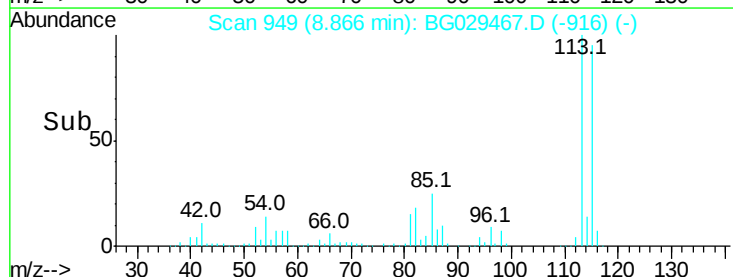
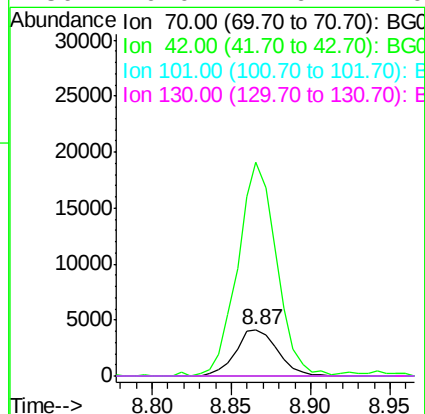
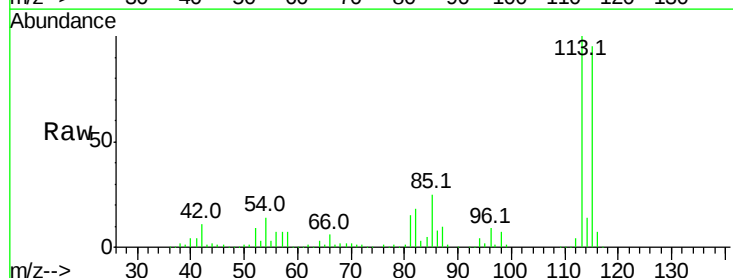
Ion Ratio Lower Upper

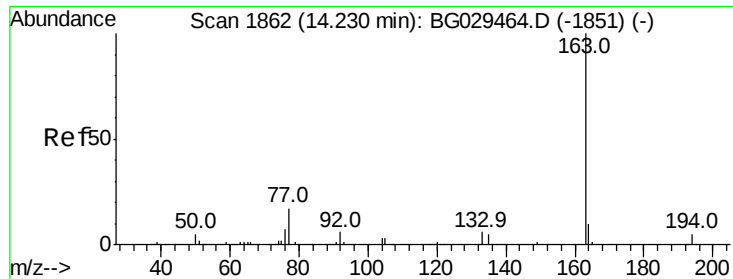
70 100

42 458.1 51.7 77.5#

101 0.0 7.6 11.4#

130 0.0 14.6 22.0#





#44

Dimethylphthalate

Concen: 2.235 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Instrument :

BNA_G

ClientSampled :

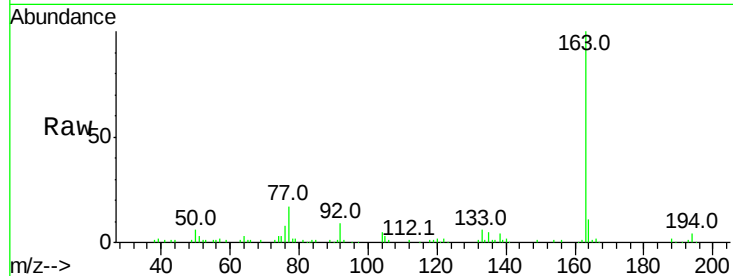
Tot Ion:163 Resp: 51833

Ion Ratio Lower Upper

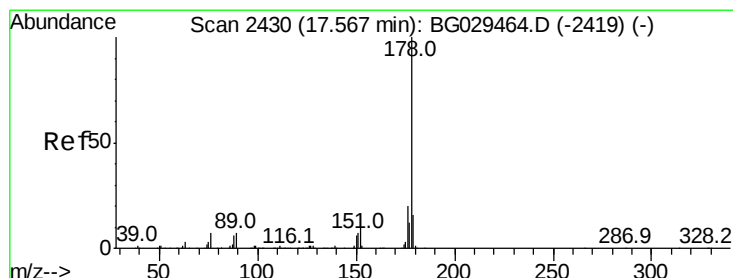
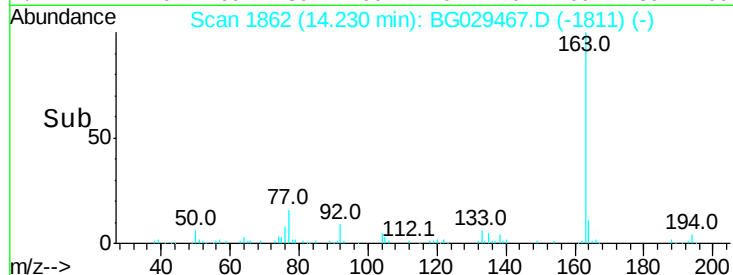
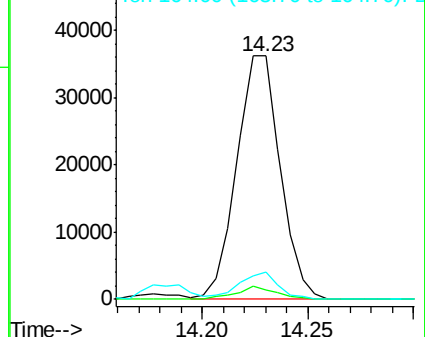
163 100

194 3.9 3.5 5.3

164 11.2 7.6 11.4



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: 4.367 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

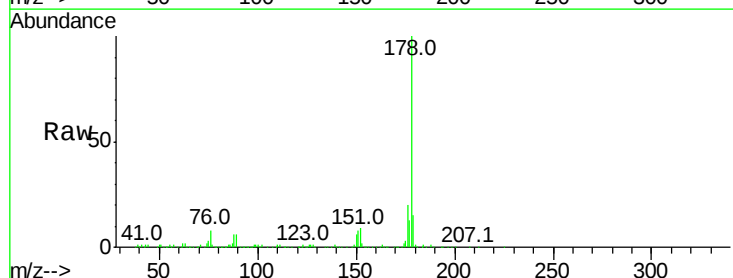
Tgt Ion:178 Resp: 148252

Ion Ratio Lower Upper

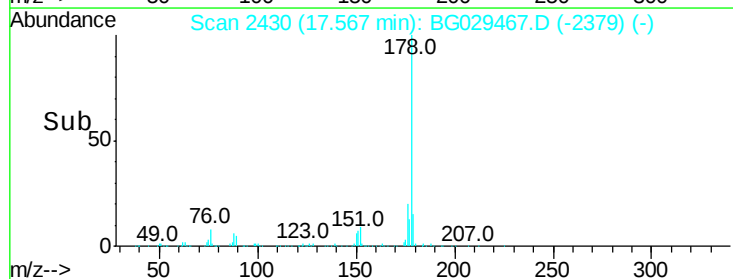
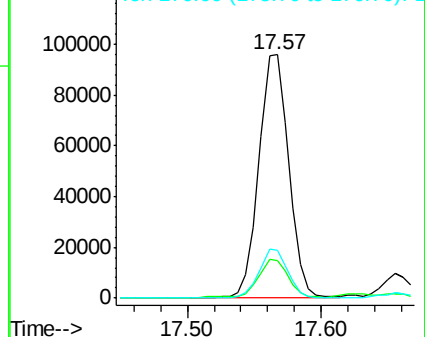
178 100

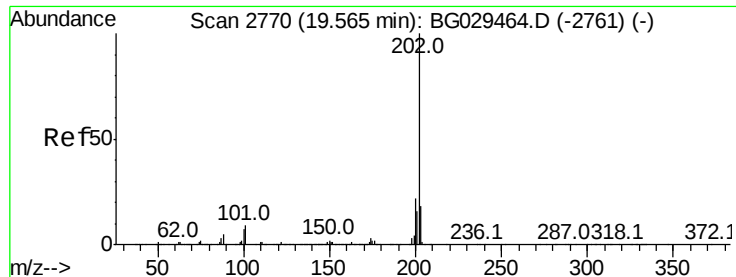
179 15.3 13.0 19.6

176 19.9 15.3 22.9



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





#74

Fluoranthene

Concen: 7.361 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG029467.D

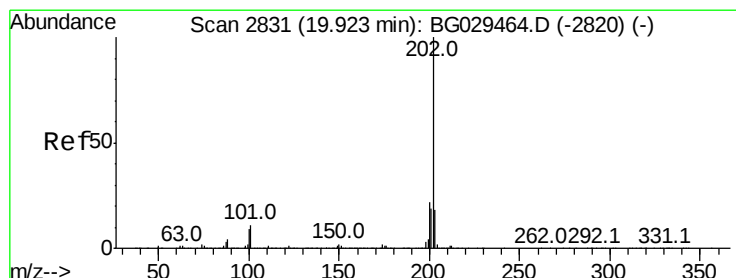
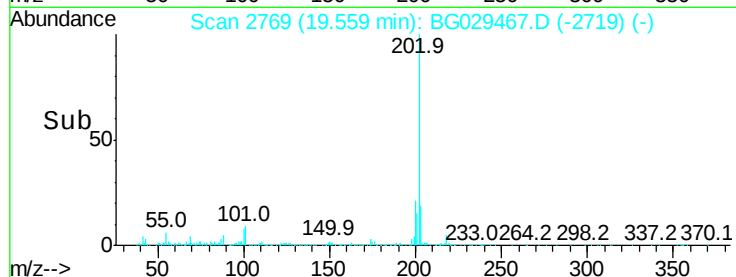
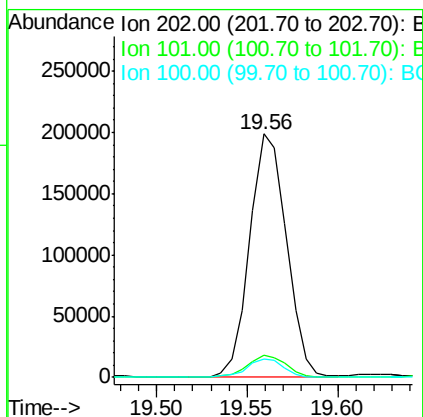
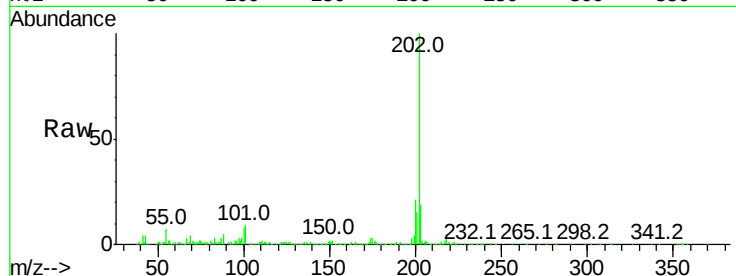
Acq: 26 Oct 2017 7:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	279294
Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.4	11.2
100	7.8	5.6	8.4



#77

Pyrene

Concen: 7.357 ng/ul

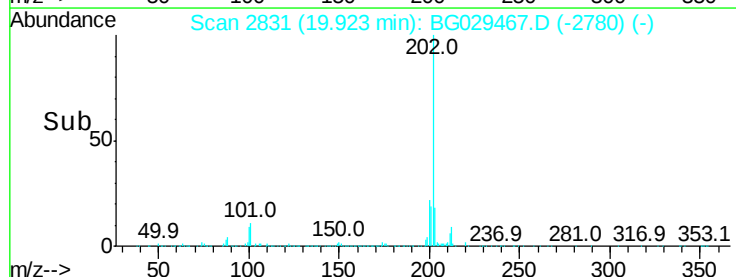
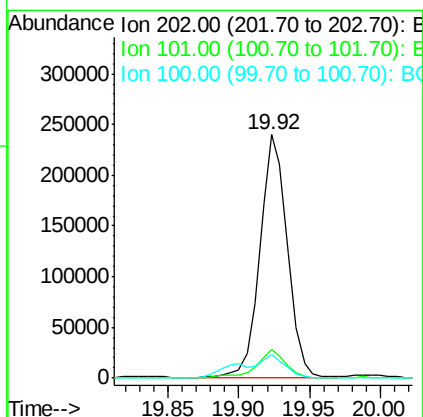
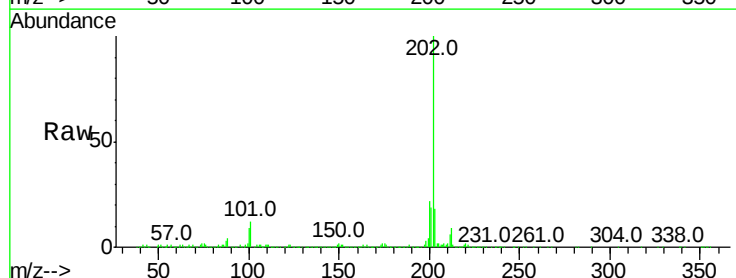
RT: 19.92 min Scan# 2831

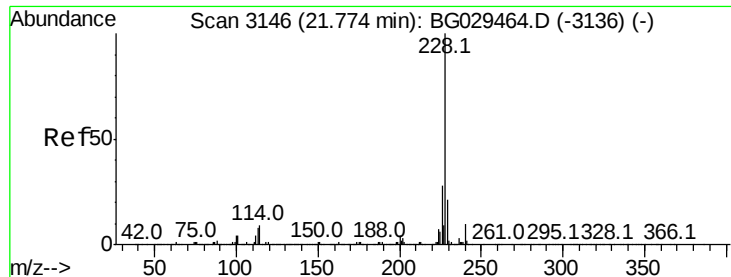
Delta R.T. -0.00 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Tgt Ion:	202	Resp:	325700
Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.4	12.6
100	9.5	7.0	10.6





#80

Benzo(a)anthracene

Concen: 3.832 ng/ul

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Instrument :

BNA_G

ClientSampled :

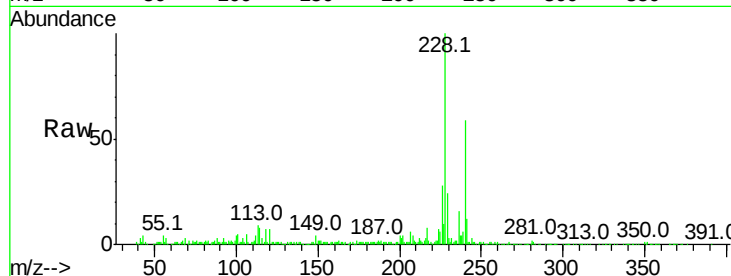
Tot Ion:228 Resp: 158613

Ion	Ratio	Lower	Upper
228	100		
229	23.8	16.2	24.4
226	28.2	22.2	33.2

228 100

229 23.8 16.2 24.4

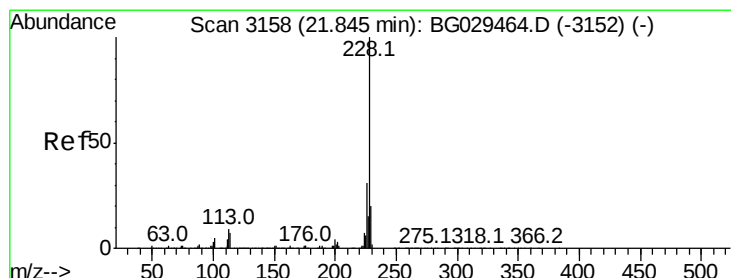
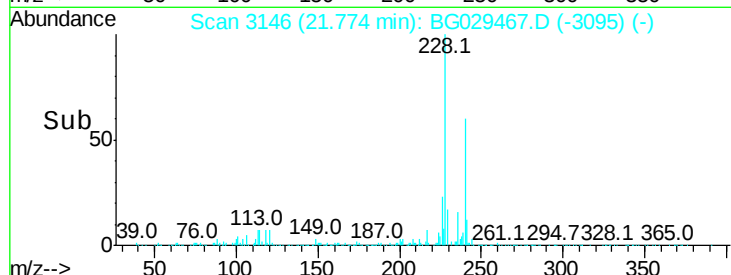
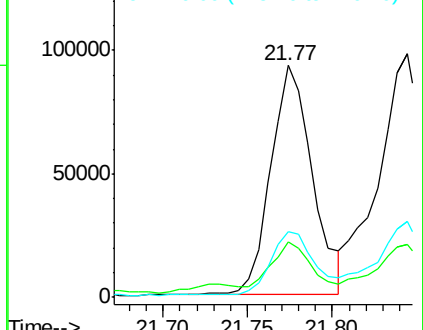
226 28.2 22.2 33.2



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



#82

Chrysene

Concen: 5.006 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

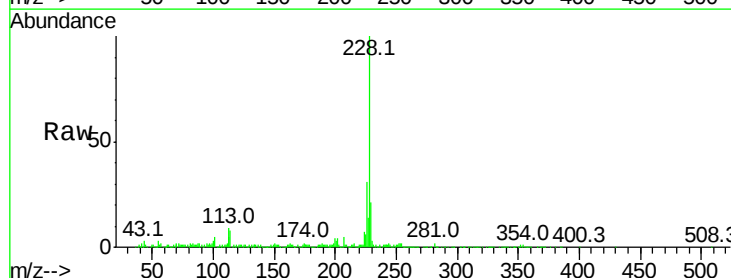
Tgt Ion:228 Resp: 188308

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	21.5	15.2	22.8

228 100

226 31.0 24.2 36.2

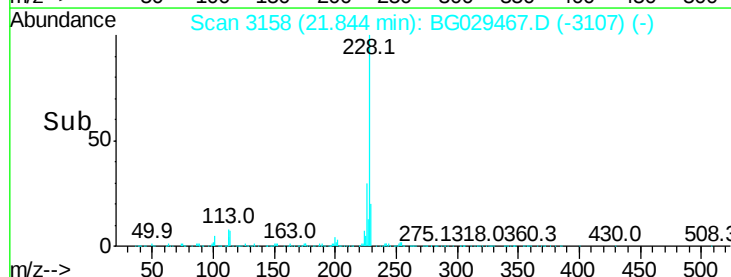
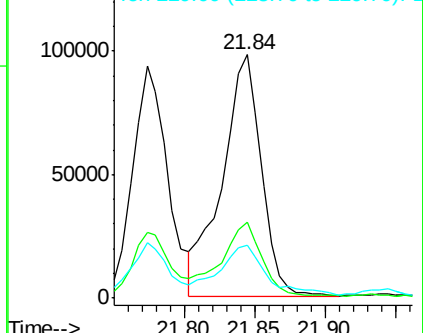
229 21.5 15.2 22.8

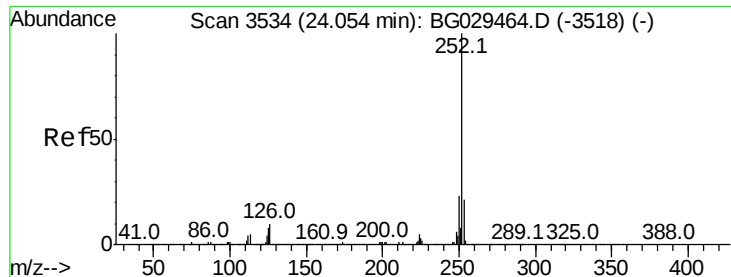


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 5.325 ng/ul

RT: 24.05 min Scan# 3534

Delta R.T. -0.00 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Instrument :

BNA_G

ClientSampled :

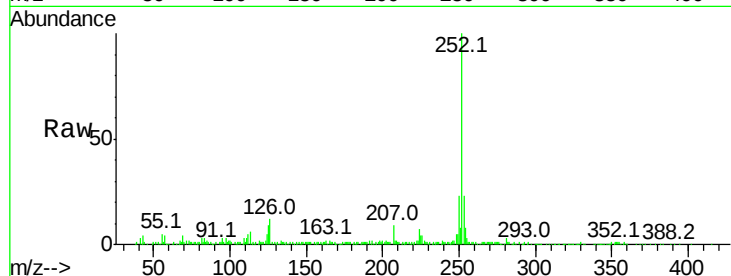
Tot Ion:252 Resp: 214029

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

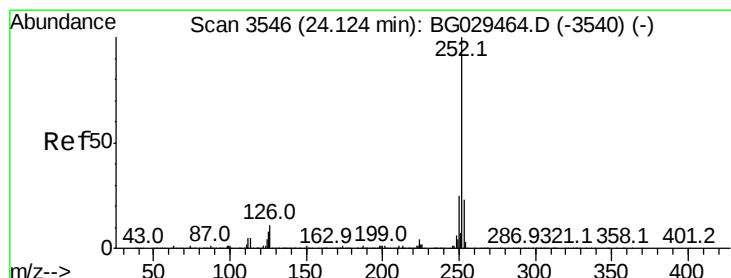
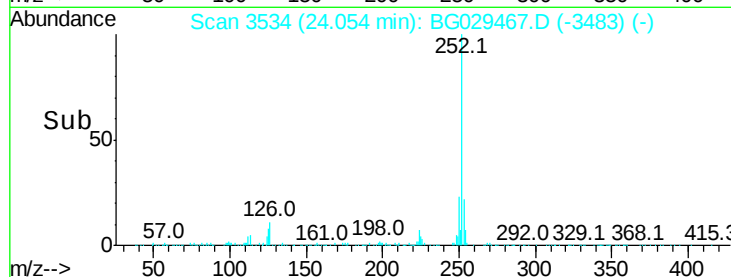
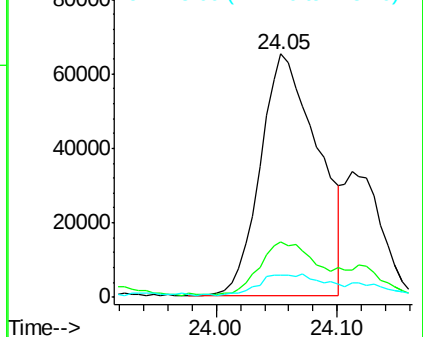
125 9.0 7.5 11.3



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: 5.508 ng/ul

RT: 24.05 min Scan# 3534

Delta R.T. -0.07 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

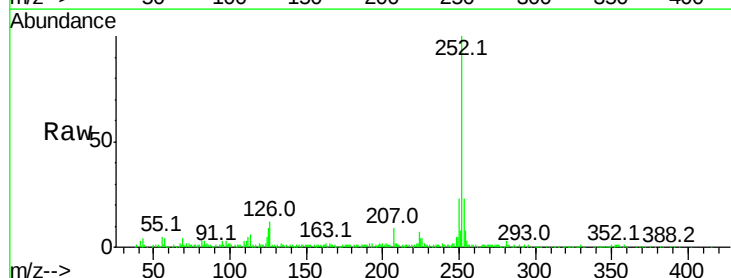
Tgt Ion:252 Resp: 214029

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

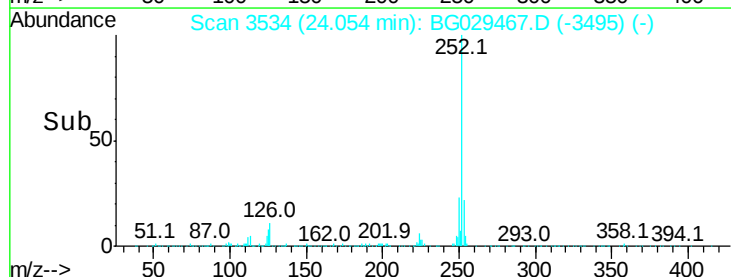
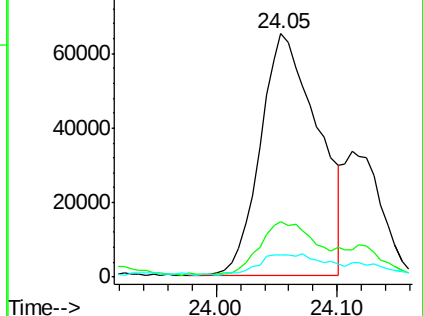
125 9.0 7.8 11.8

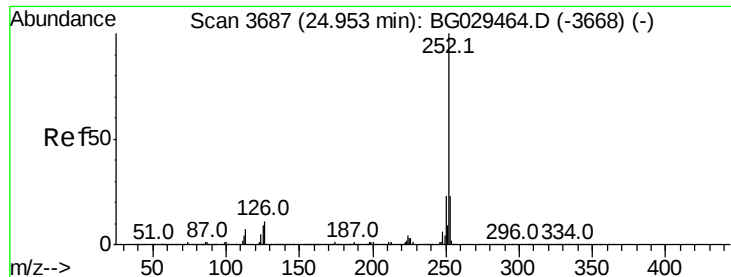


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 4.185 ng/ul

RT: 24.96 min Scan# 3688

Delta R.T. 0.01 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Instrument :

BNA_G

ClientSampleId :

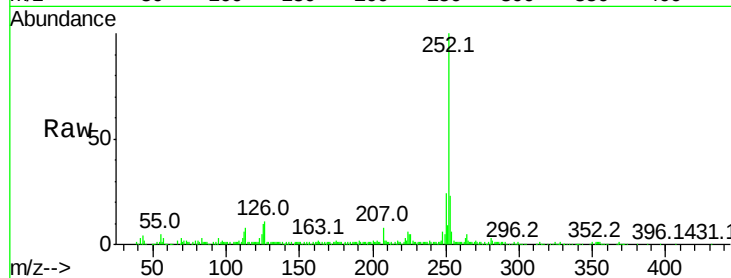
Tot Ion:252 Resp: 163731

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

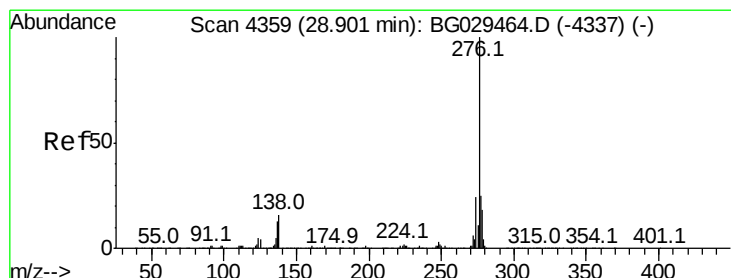
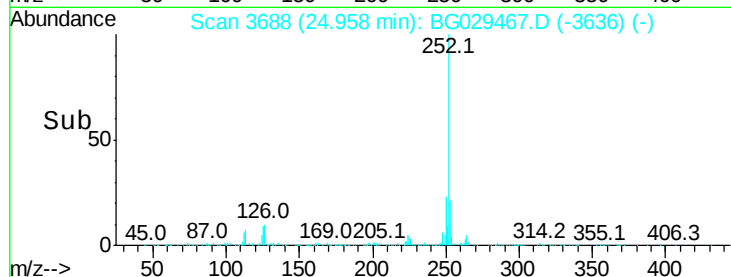
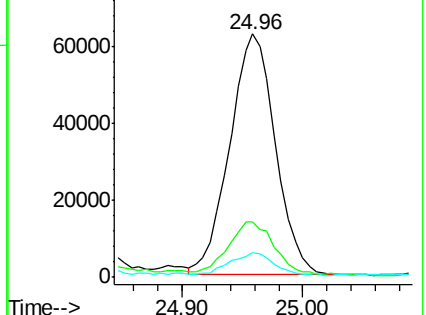
125 9.9 7.8 11.8



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: 2.561 ng/ul

RT: 28.90 min Scan# 4358

Delta R.T. -0.01 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

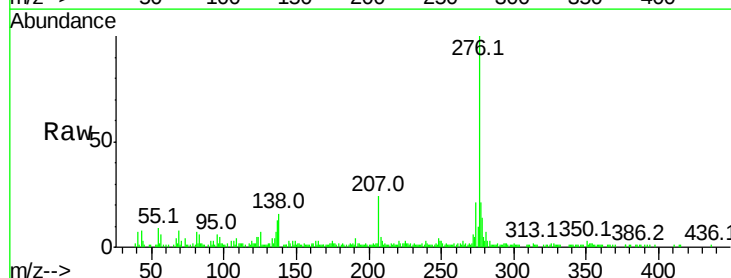
Tgt Ion:276 Resp: 113363

Ion Ratio Lower Upper

276 100

138 16.3 13.4 20.0

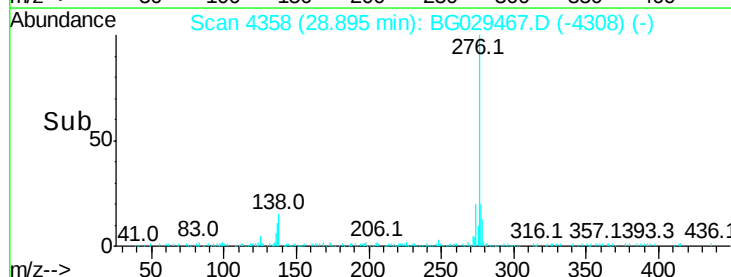
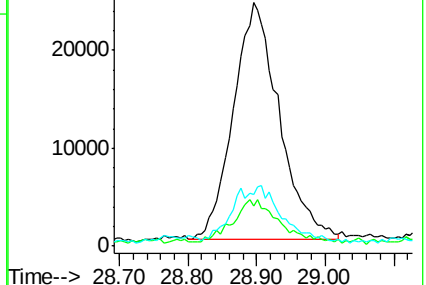
277 21.3 18.6 28.0

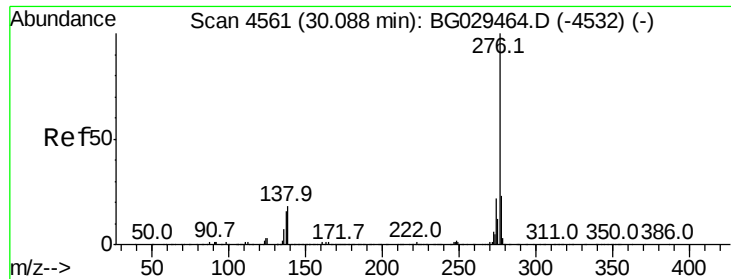


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.753 ng/ul

RT: 30.09 min Scan# 4562

Delta R.T. 0.01 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Instrument :

BNA_G

ClientSampleId :

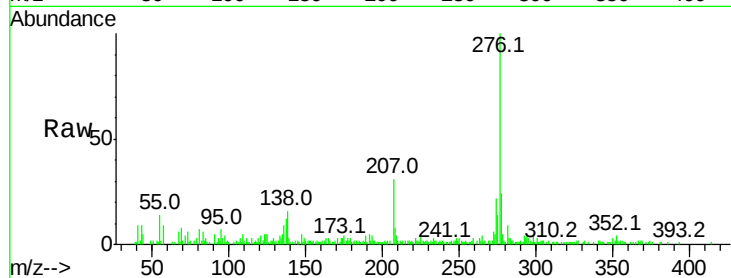
Tot Ion: 276 Resp: 101003

Ion Ratio Lower Upper

276 100

138 15.6 12.1 18.1

277 24.0 17.7 26.5



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

