

Data File : BG042049.D
Acq On : 8 Aug 2019 3:12
Operator : HP/JU
Sample : K4029-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENW0

Quant Time: Aug 08 04:06:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	91702	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	376616	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	265109	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	555338	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	543744	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	649087	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.41	96	6987	3.33	ng/uL	0.00
5) Phenol-d5	7.17	99	119582	16.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	80429	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	125124	20.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	85317	14.12	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	69840	24.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	84921	25.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	147783	22.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	130772	17.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	511505	24.88	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	583377	24.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	33696	9.76	ng/ul	0.00
57) Fluorene-d10	15.68	176	458487	25.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	55742	15.64	ng/ul	0.00
70) Anthracene-d10	17.54	188	703498	26.40	ng/ul	0.00
78) Pyrene-d10	19.82	212	761360	25.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	873551	25.76	ng/ul	0.00

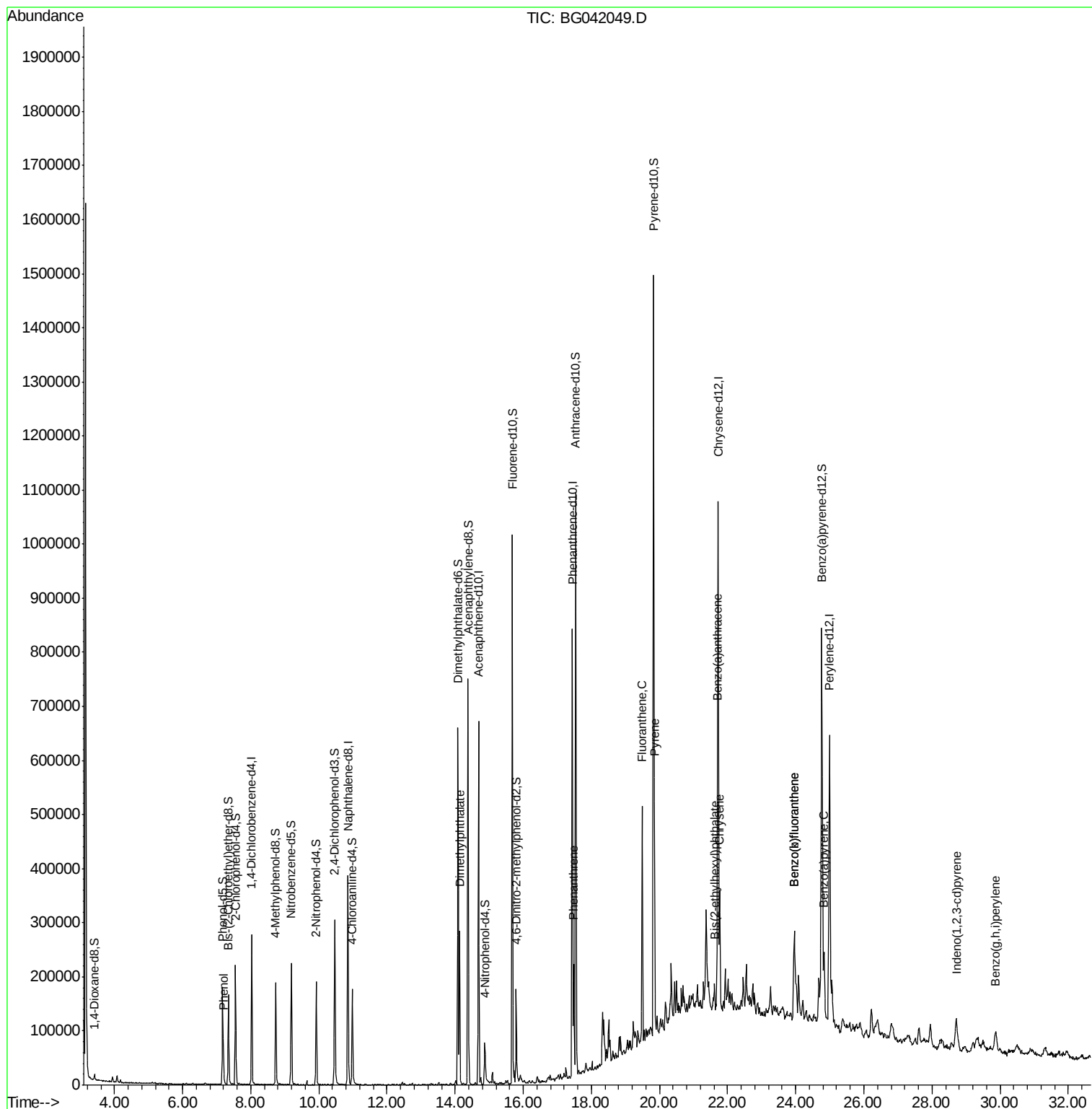
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.20	94	15042	2.025	ng/ul	97
44) Dimethylphthalate	14.13	163	212291	10.399	ng/ul	98
69) Phenanthrene	17.48	178	143212	4.711	ng/ul	99
76) Fluoranthene	19.49	202	277251	7.893	ng/ul	97
79) Pyrene	19.85	202	277542	7.588	ng/ul	96
82) Benzo(a)anthracene	21.70	228	167642	4.447	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	20649	1.051	ng/ul#	96
84) Chrysene	21.77	228	172038	4.889	ng/ul	97
87) Benzo(b)fluoranthene	23.96	252	217498	5.340	ng/ul	97
88) Benzo(k)fluoranthene	23.96	252	217498	5.553	ng/ul	97
90) Benzo(a)pyrene	24.83	252	154674	3.985	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.71	276	100825	2.227	ng/ul	97
93) Benzo(g,h,i)perylene	29.87	276	77965	2.063	ng/ul	100

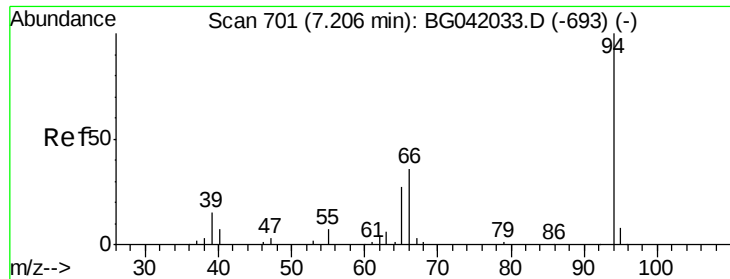
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.025 ng/ul

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

Instrument :

BNA_G

ClientSampleId :

BENW0

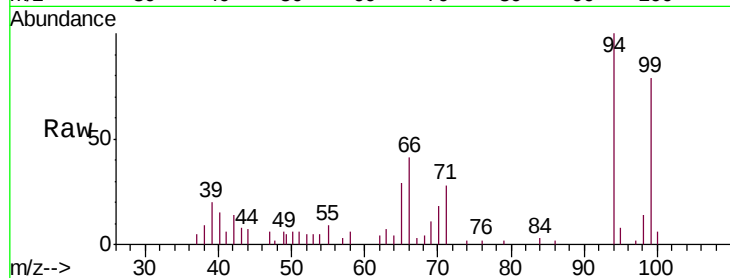
Tgt Ion: 94 Resp: 15042

Ion Ratio Lower Upper

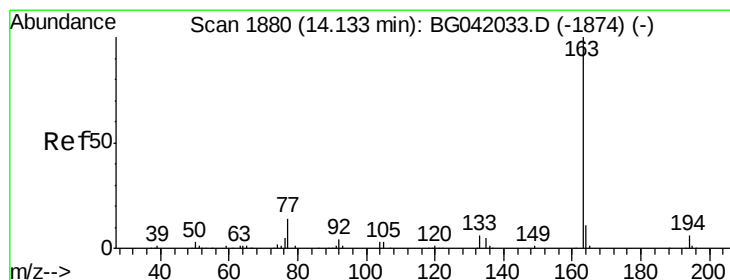
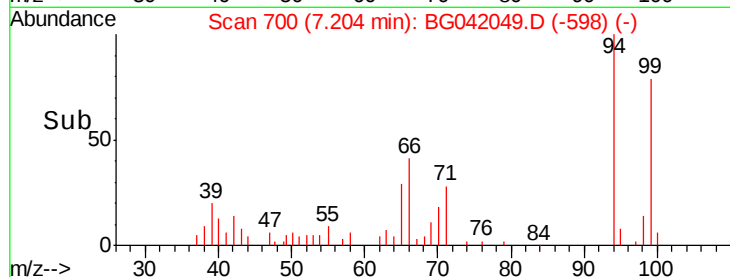
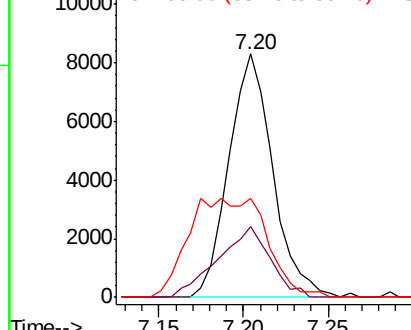
94 100

65 28.9 25.8 38.6

66 40.6 31.8 47.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 10.399 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

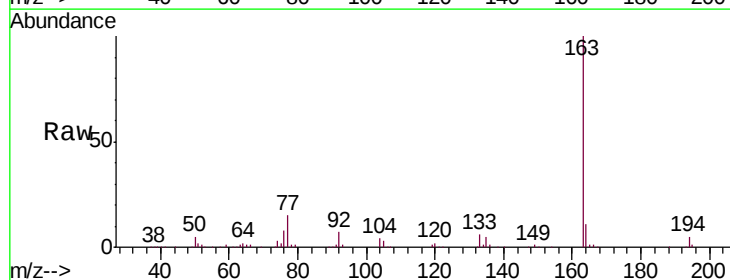
Tgt Ion: 163 Resp: 212291

Ion Ratio Lower Upper

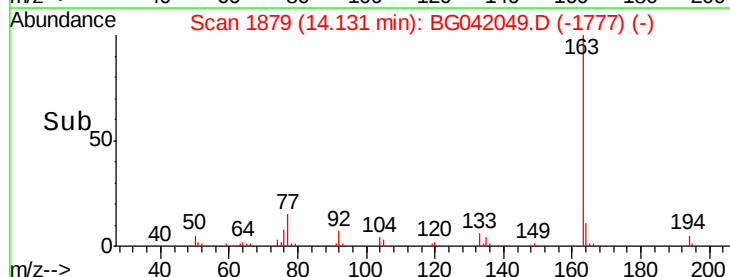
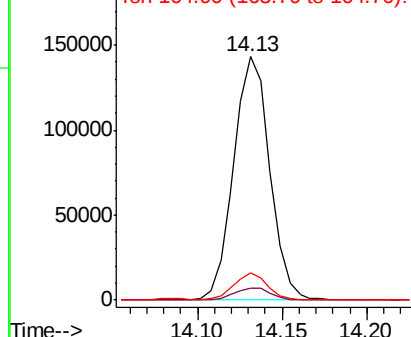
163 100

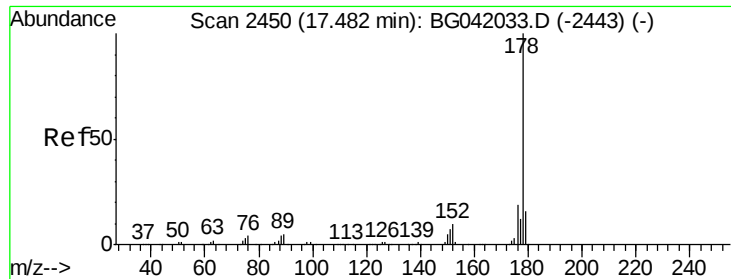
194 5.0 4.2 6.2

164 11.0 7.8 11.8



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: 4.711 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

Instrument :

BNA_G

ClientSampleId :

BENW0

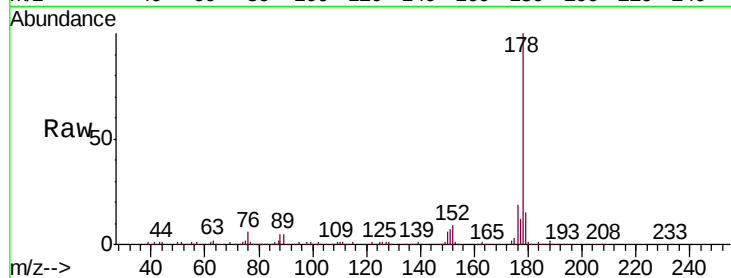
Tgt Ion:178 Resp: 143212

Ion Ratio Lower Upper

178 100

179 15.1 12.8 19.2

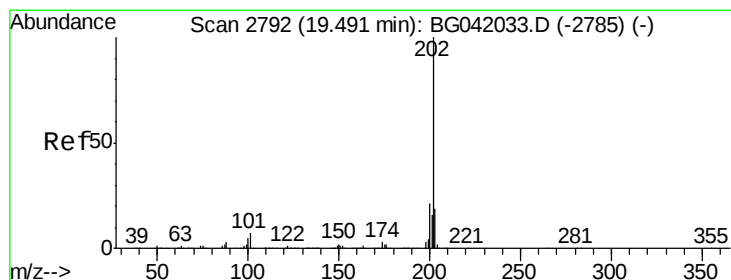
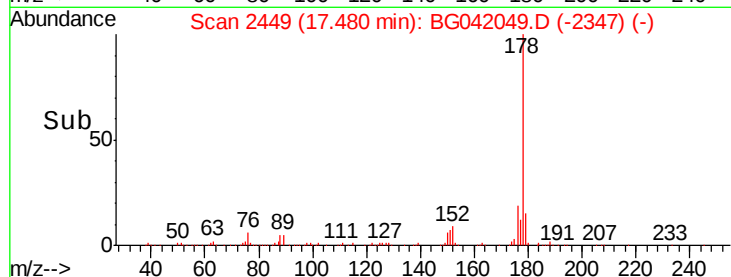
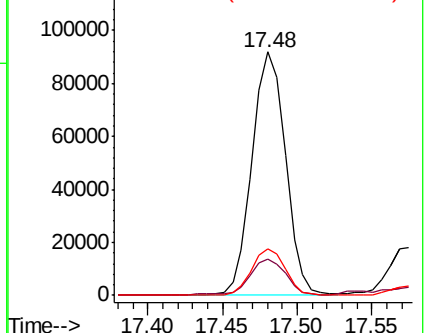
176 19.1 15.4 23.2



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



#76

Fluoranthene

Concen: 7.893 ng/ul

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

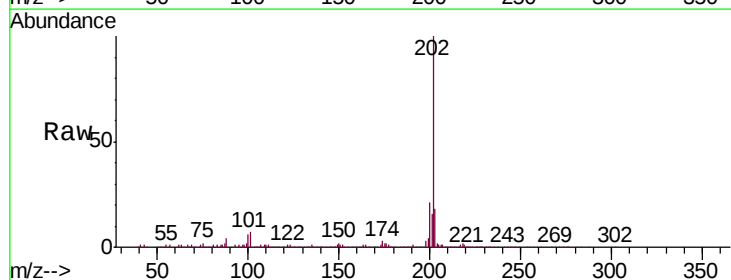
Tgt Ion:202 Resp: 277251

Ion Ratio Lower Upper

202 100

101 7.3 6.7 10.1

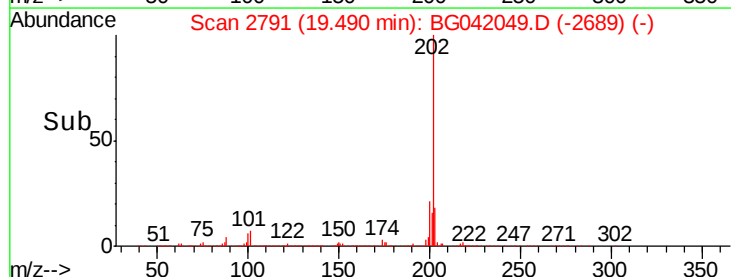
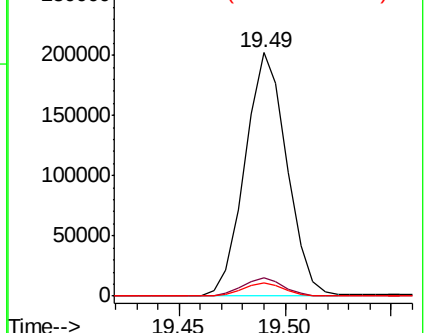
100 5.5 5.3 7.9

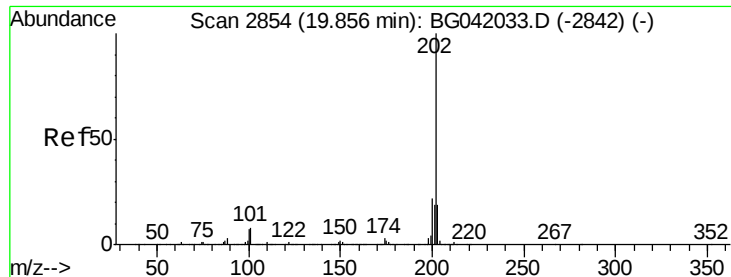


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pyrene

Concen: 7.588 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

Instrument :

BNA_G

ClientSampleId :

BENW0

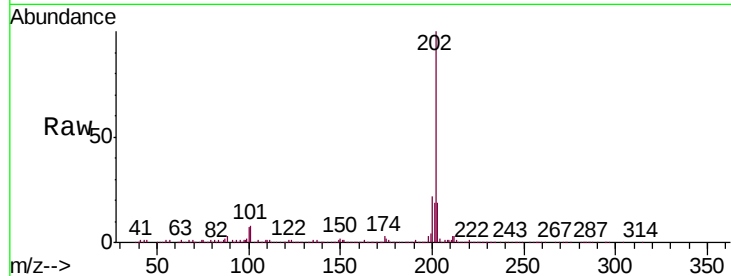
Tgt Ion:202 Resp: 277542

Ion Ratio Lower Upper

202 100

101 8.0 7.6 11.4

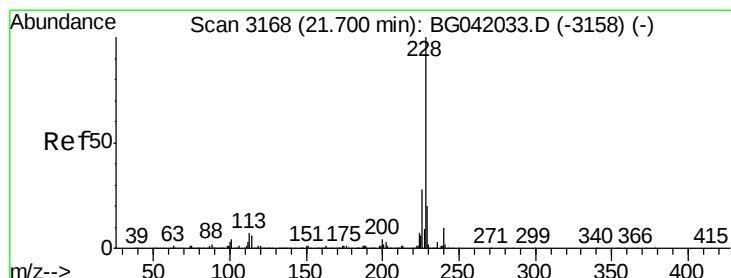
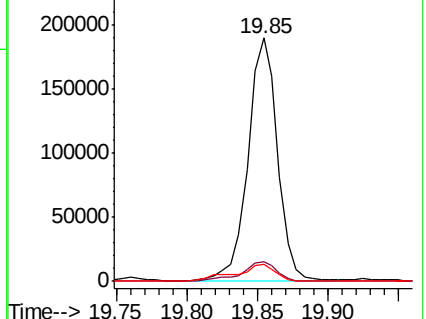
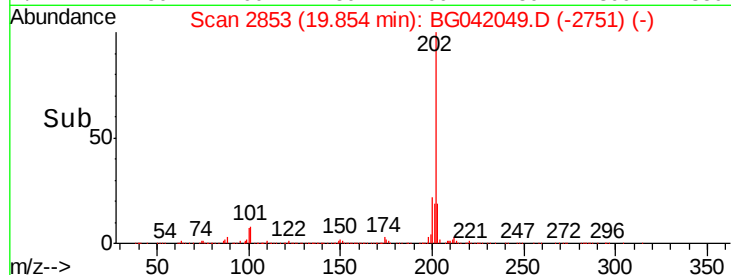
100 6.8 6.5 9.7



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



#82

Benzo(a)anthracene

Concen: 4.447 ng/ul

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

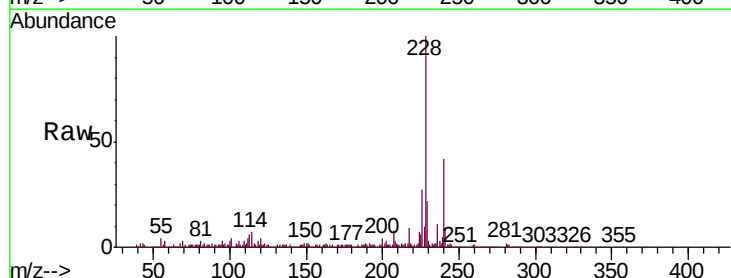
Tgt Ion:228 Resp: 167642

Ion Ratio Lower Upper

228 100

229 22.0 17.0 25.6

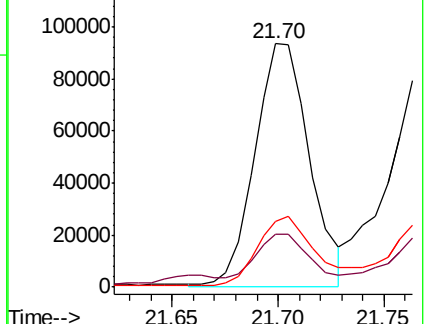
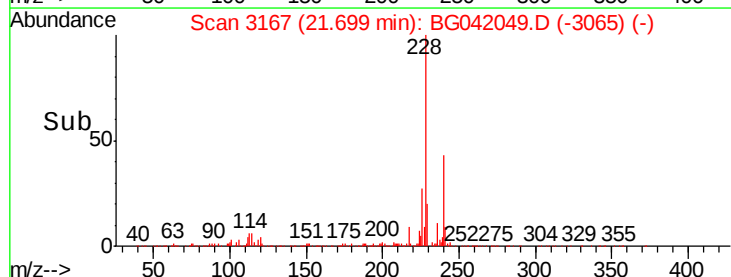
226 27.2 23.3 34.9

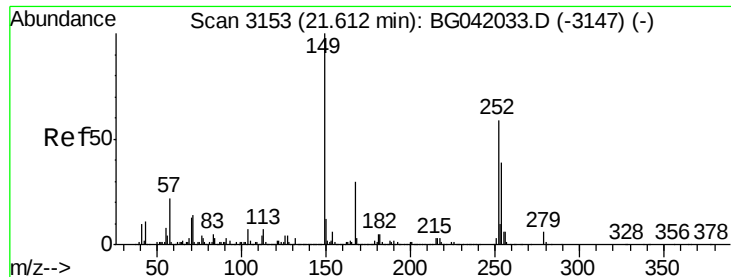


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

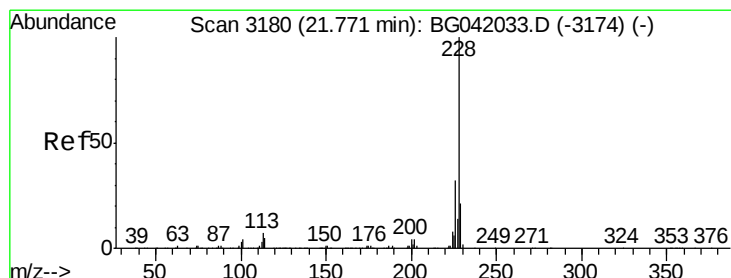
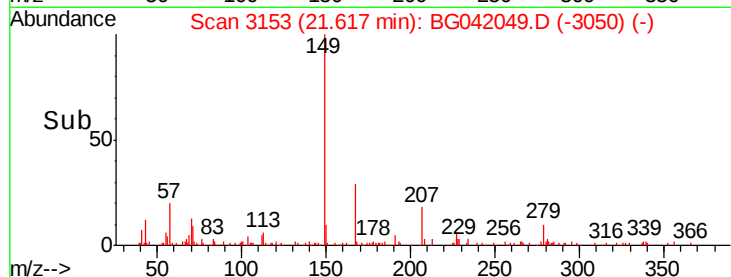
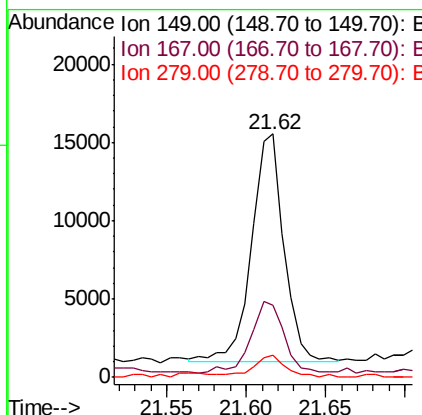
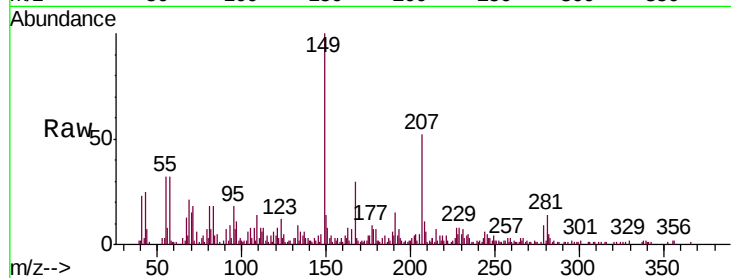




#83
Bis(2-ethylhexyl)phthalate
Concen: 1.051 ng/ul
RT: 21.62 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG042049.D
Acq: 8 Aug 2019 3:12

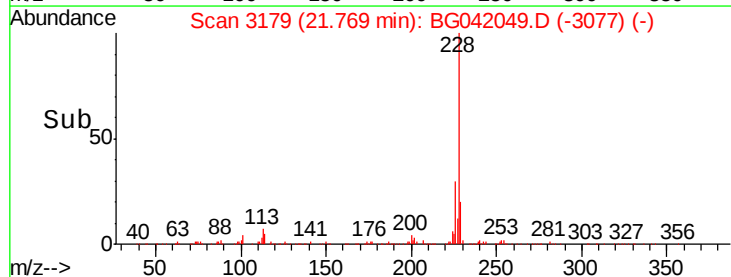
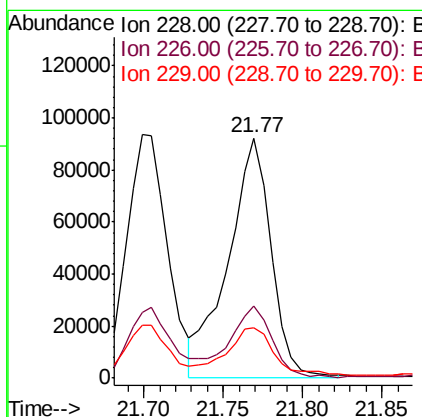
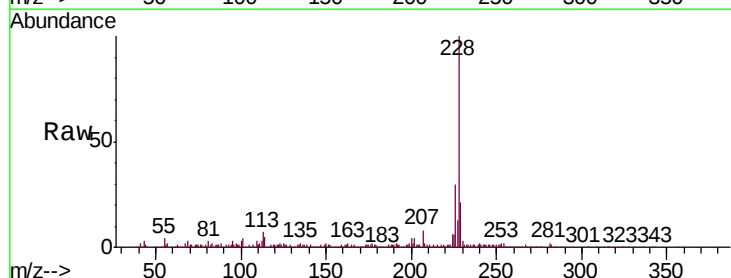
Instrument :
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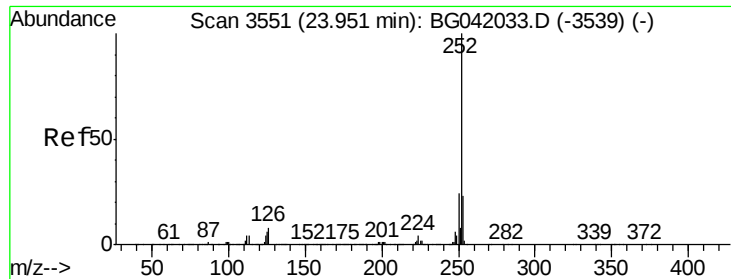
Tgt Ion:149 Resp: 20649
Ion Ratio Lower Upper
149 100
167 29.7 25.0 37.4
279 8.9 5.2 7.8#



#84
Chrysene
Concen: 4.889 ng/ul
RT: 21.77 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BG042049.D
Acq: 8 Aug 2019 3:12

Tgt Ion:228 Resp: 172038
Ion Ratio Lower Upper
228 100
226 30.0 25.7 38.5
229 21.2 16.6 24.8





#87

Benzo(b)fluoranthene

Concen: 5.340 ng/ul

RT: 23.96 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

Instrument :

BNA_G

ClientSampleId :

BENW0

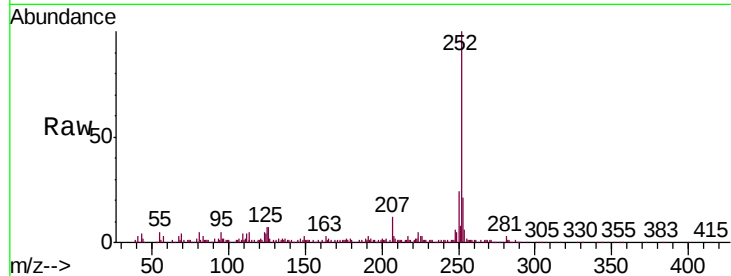
Tgt Ion:252 Resp: 217498

Ion Ratio Lower Upper

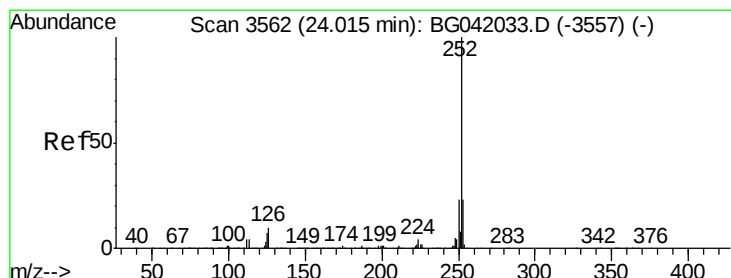
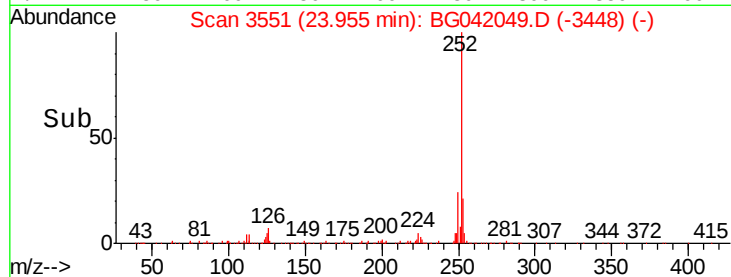
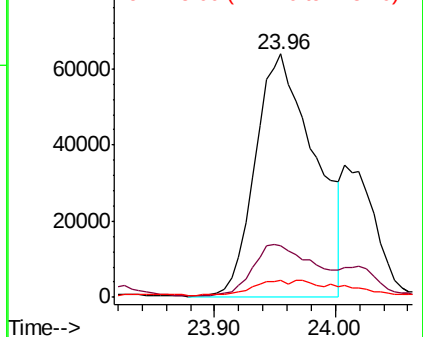
252 100

253 21.3 18.4 27.6

125 7.0 5.8 8.8



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(k)fluoranthene

Concen: 5.553 ng/ul

RT: 23.96 min Scan# 3551

Delta R.T. -0.06 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

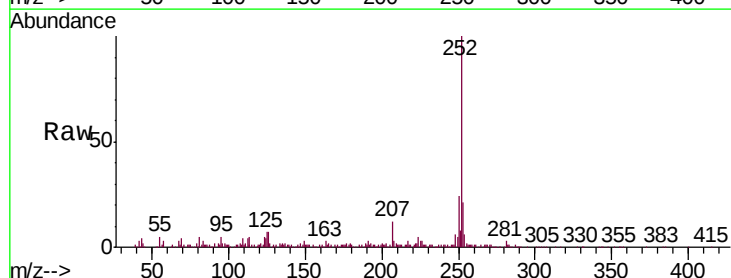
Tgt Ion:252 Resp: 217498

Ion Ratio Lower Upper

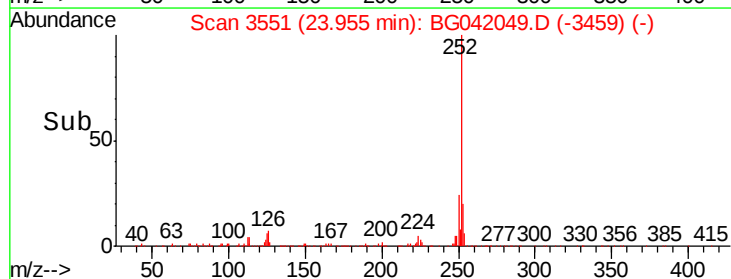
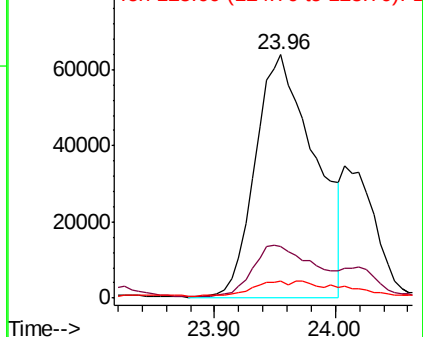
252 100

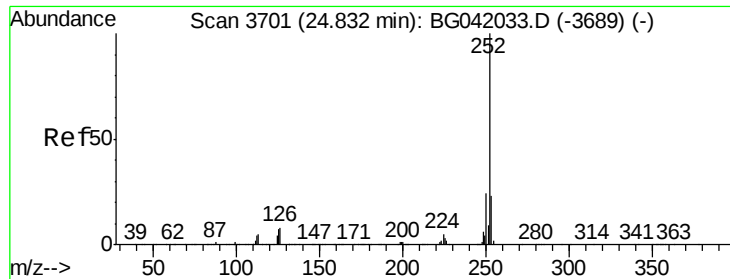
253 21.3 18.3 27.5

125 7.0 5.5 8.3



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





#90

Benzo(a)pyrene

Concen: 3.985 ng/ul

RT: 24.83 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BG042049.D

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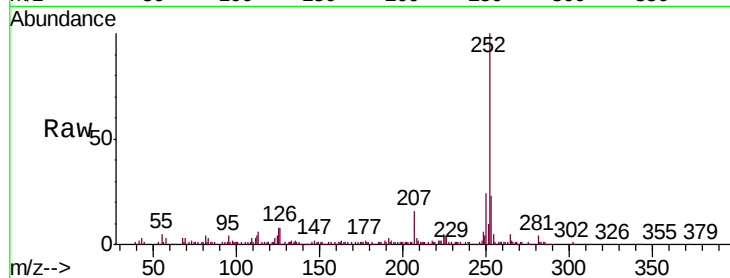
Tgt Ion:252 Resp: 154674

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

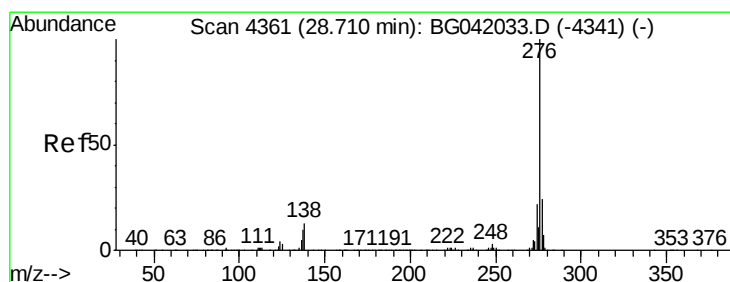
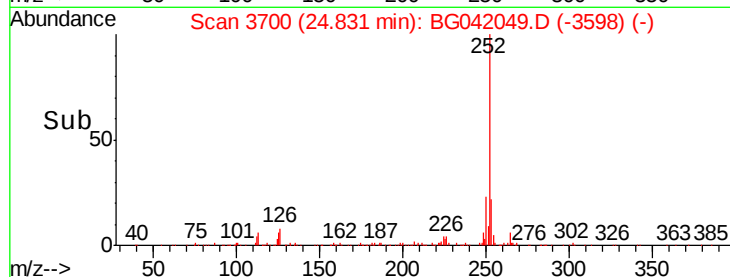
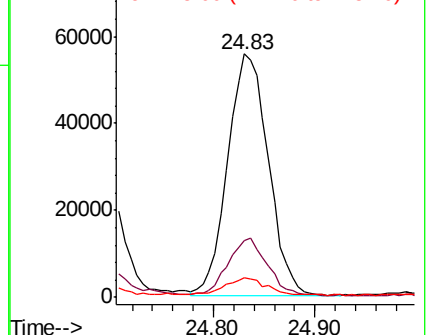
125 8.1 6.5 9.7



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.227 ng/ul

RT: 28.71 min Scan# 4361

Delta R.T. 0.00 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

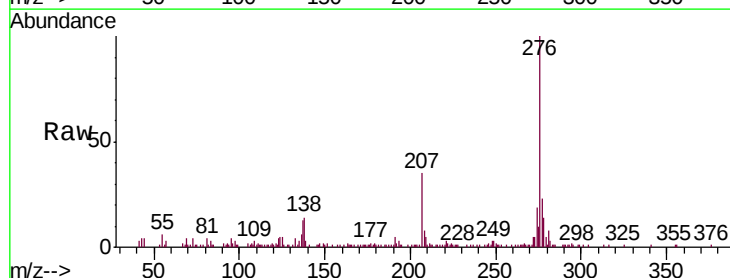
Tgt Ion:276 Resp: 100825

Ion Ratio Lower Upper

276 100

138 13.6 12.0 18.0

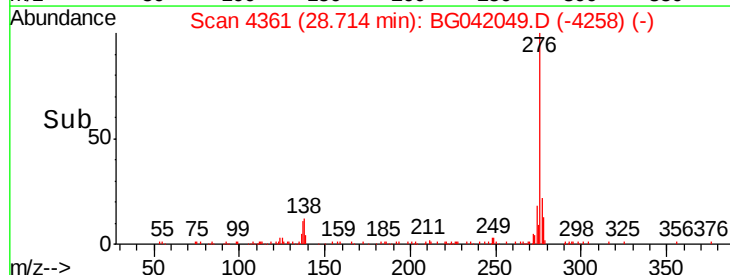
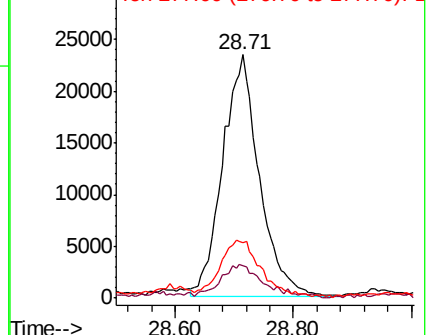
277 22.6 19.2 28.8

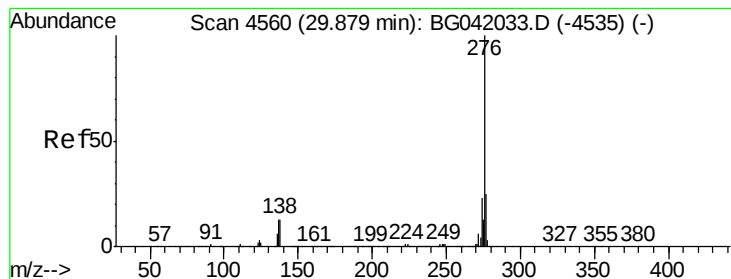


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 2.063 ng/ul

RT: 29.87 min Scan# 4557

Delta R.T. -0.01 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

Instrument :

BNA_G

ClientSampleId :

BENW0

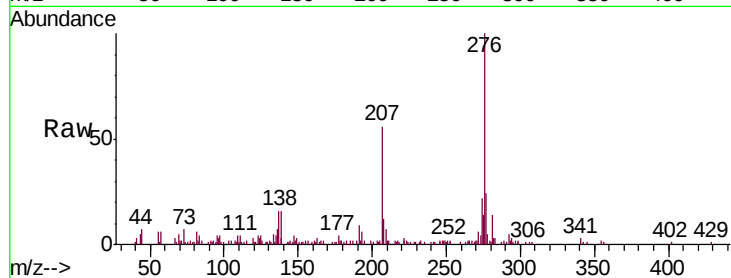
Tgt Ion:276 Resp: 77965

Ion Ratio Lower Upper

276 100

138 15.8 12.6 18.8

277 24.3 19.2 28.8



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

