

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042027.D
 Acq On : 7 Aug 2019 12:25
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 07 13:18:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 12:00:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	74857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	324036	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	231918	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	488487	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	474562	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	564417	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4039	2.36	ng/uL	0.00
5) Phenol-d5	7.18	99	83339	14.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	44178	13.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	77079	15.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	70618	14.32	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	38719	15.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	47274	16.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	90374	15.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	91824	14.47	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	305594	16.99	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	353766	17.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	39095	12.94	ng/ul	0.00
57) Fluorene-d10	15.68	176	277458	17.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	44273	14.13	ng/ul	0.00
70) Anthracene-d10	17.54	188	450881	19.24	ng/ul	0.00
78) Pyrene-d10	19.83	212	509348	19.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	568281	19.27	ng/ul	0.00

Target Compounds

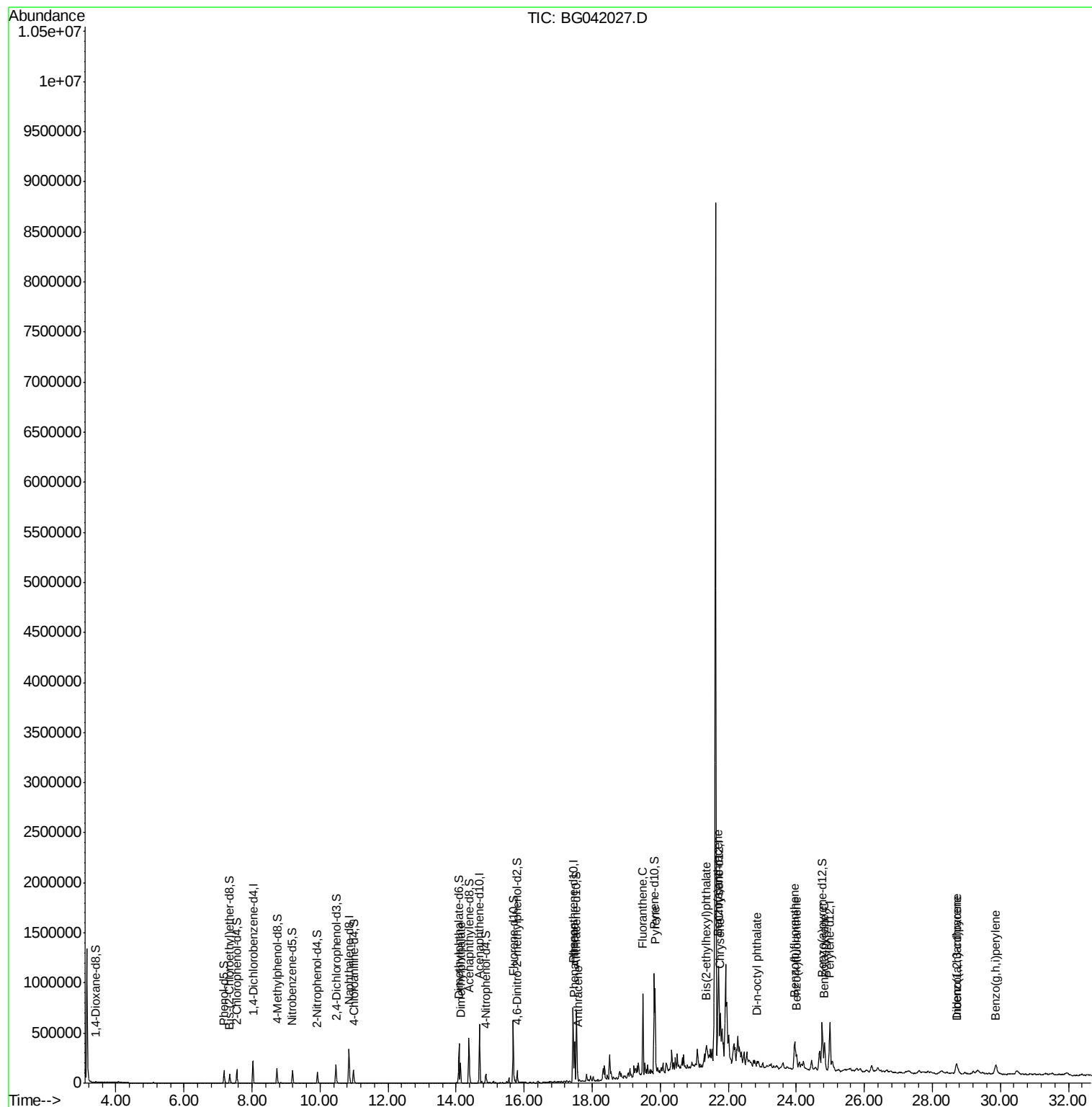
					Ovalue
44) Dimethylphthalate	14.13	163	154842	8.670	ng/ul 97
69) Phenanthrene	17.48	178	265974	9.946	ng/ul 98
71) Anthracene	17.57	178	66615	2.456	ng/ul 98
76) Fluoranthene	19.49	202	528778	17.113	ng/ul 97
79) Pyrene	19.86	202	577242	18.083	ng/ul 96
82) Benzo(a)anthracene	21.70	228	373296	11.345	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.36	149	58575	3.417	ng/ul 92
84) Chrysene	21.77	228	365879	11.914	ng/ul 98
86) Di-n-octyl phthalate	22.84	149	54487	1.951	ng/ul 100
87) Benzo(b)fluoranthene	23.95	252	402276	11.357	ng/ul 98
88) Benzo(k)fluoranthene	24.01	252	129346	3.798	ng/ul 99
90) Benzo(a)pyrene	24.83	252	336117	9.958	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	28.70	276	189542	4.815	ng/ul 97
92) Dibenzo(a,h)anthracene	28.74	278	33469	1.042	ng/ul 94
93) Benzo(g,h,i)perylene	29.86	276	189282	5.759	ng/ul 98

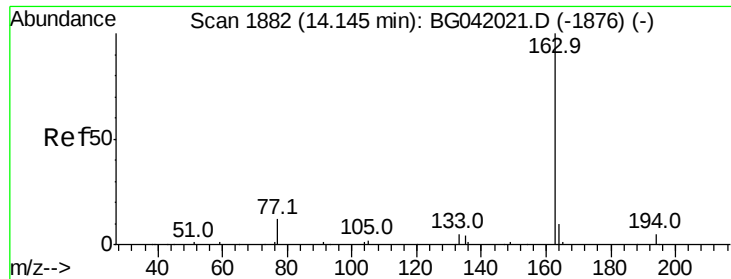
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 8.670 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG042027.D

Acq: 7 Aug 2019 12:25

Instrument :

BNA_G

ClientSampled :

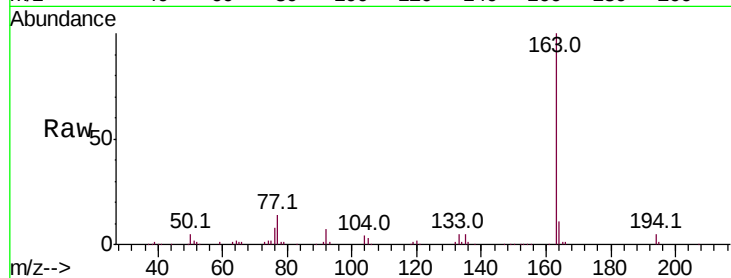
Tot Ion:163 Resp: 154842

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

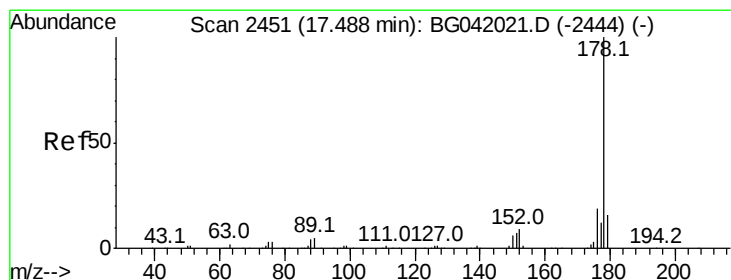
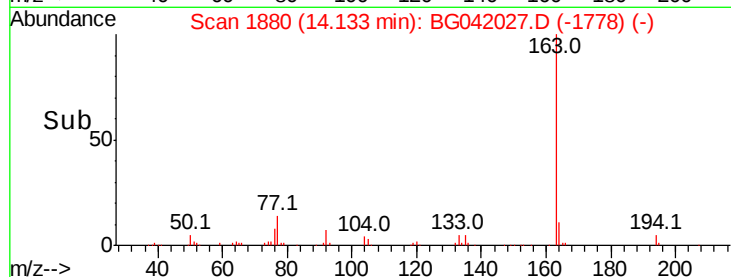
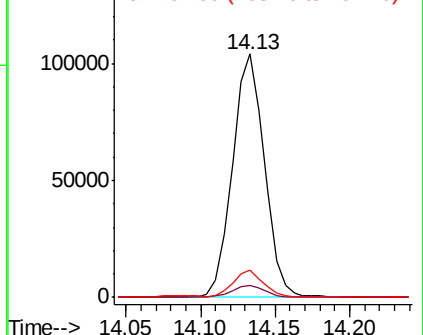
164 11.1 7.8 11.8



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: 9.946 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG042027.D

Acq: 7 Aug 2019 12:25

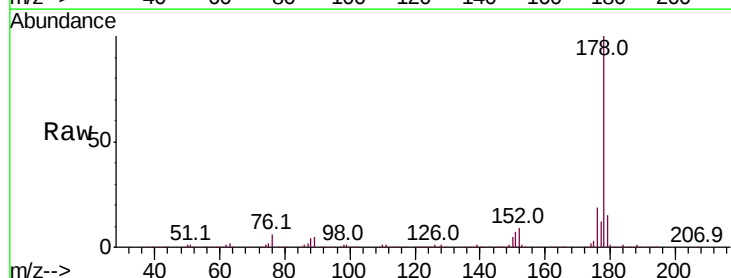
Tgt Ion:178 Resp: 265974

Ion Ratio Lower Upper

178 100

179 14.7 12.8 19.2

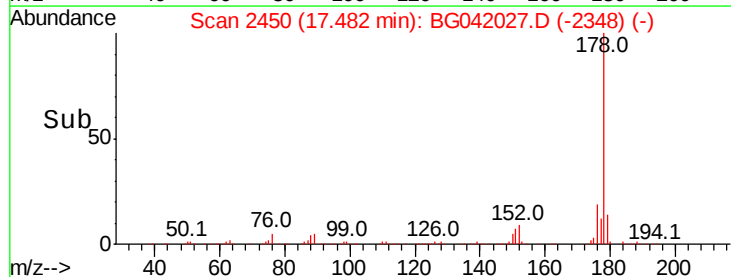
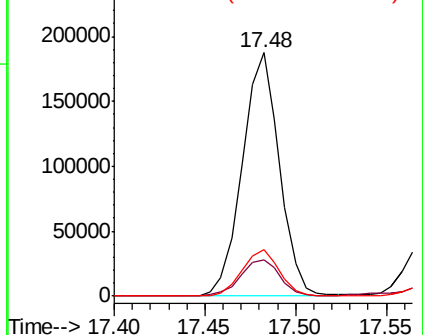
176 19.0 15.4 23.2

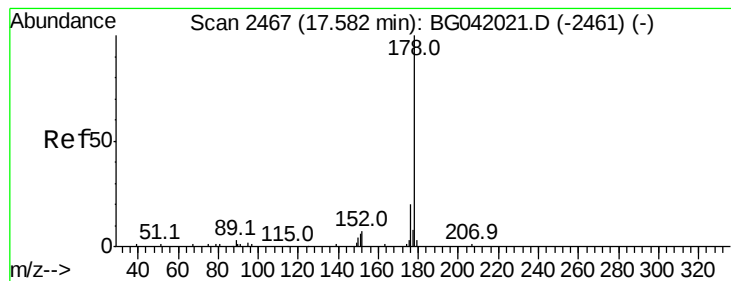


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 2.456 ng/ul

RT: 17.57 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BG042027.D

Acq: 7 Aug 2019 12:25

Instrument :

BNA_G

ClientSampleId :

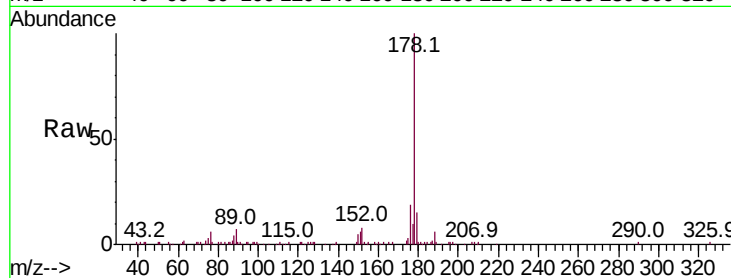
Tot Ion:178 Resp: 66615

Ion Ratio Lower Upper

178 100

179 15.5 13.4 20.0

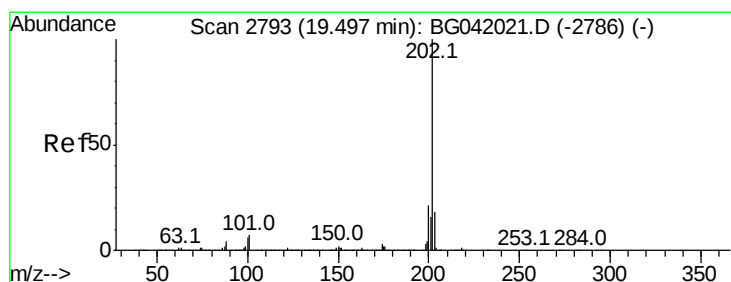
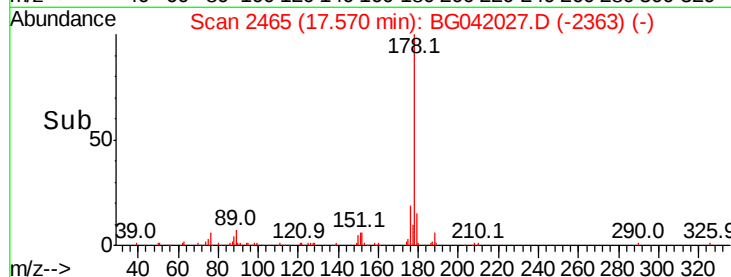
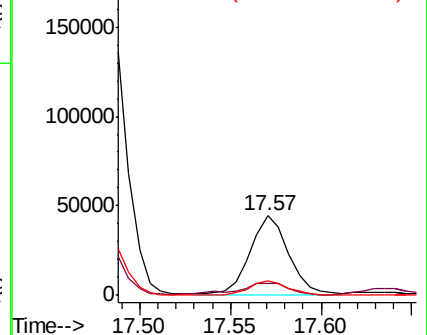
176 18.8 15.4 23.2



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: 17.113 ng/ul

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042027.D

Acq: 7 Aug 2019 12:25

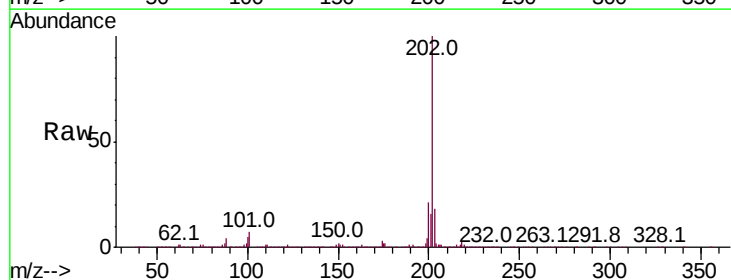
Tgt Ion:202 Resp: 528778

Ion Ratio Lower Upper

202 100

101 7.5 6.7 10.1

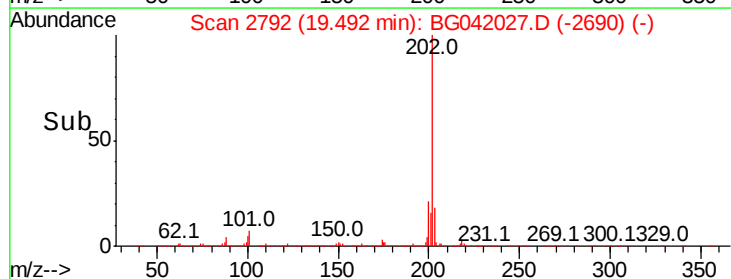
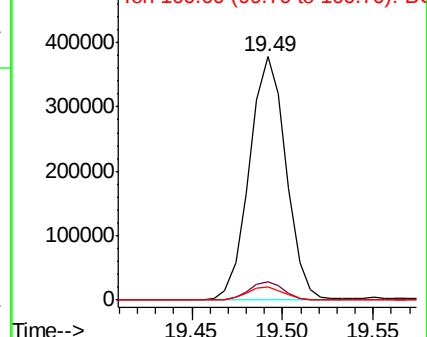
100 5.3 5.3 7.9

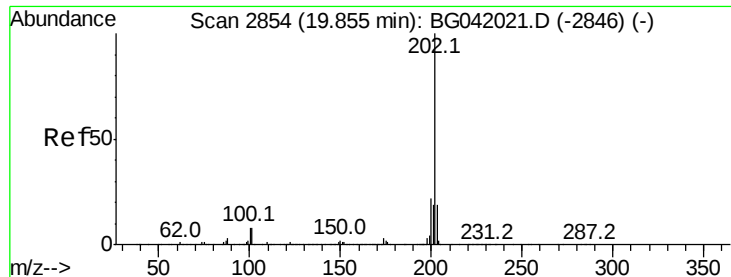


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 18.083 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG042027.D

Acq: 7 Aug 2019 12:25

Instrument :

BNA_G

ClientSampled :

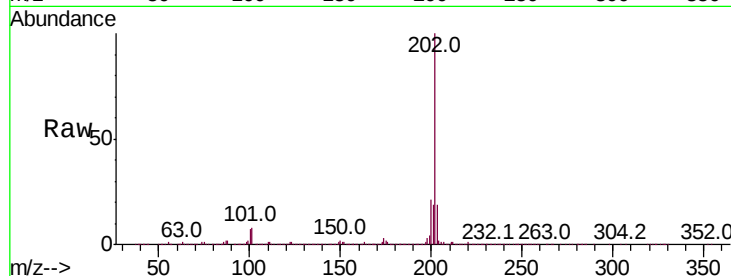
Tot Ion:202 Resp: 577242

Ion Ratio Lower Upper

202 100

101 7.8 7.6 11.4

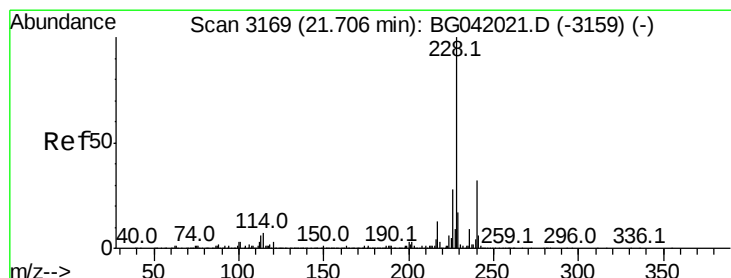
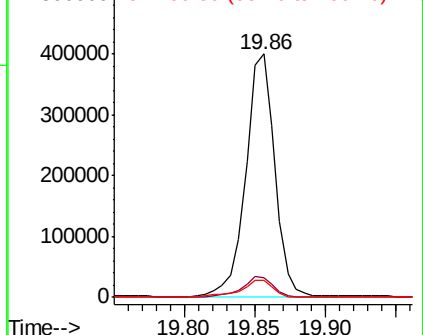
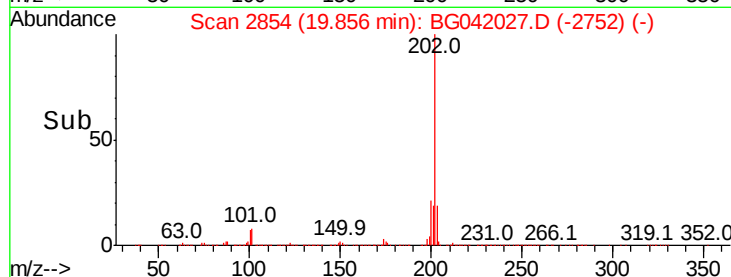
100 6.8 6.5 9.7



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: 11.345 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042027.D

Acq: 7 Aug 2019 12:25

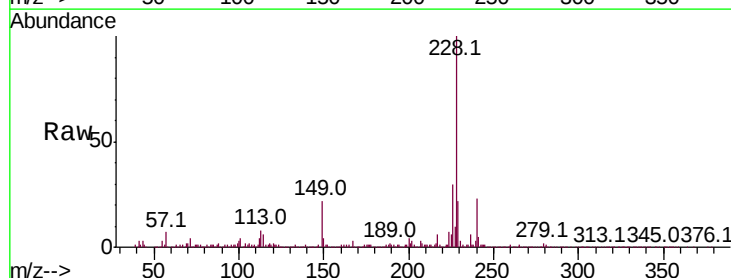
Tgt Ion:228 Resp: 373296

Ion Ratio Lower Upper

228 100

229 22.0 17.0 25.6

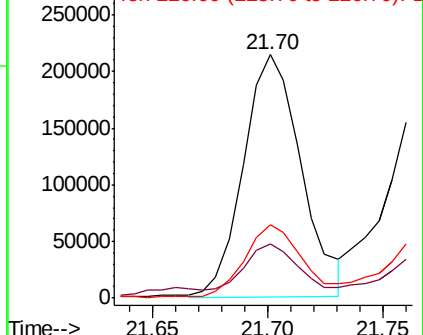
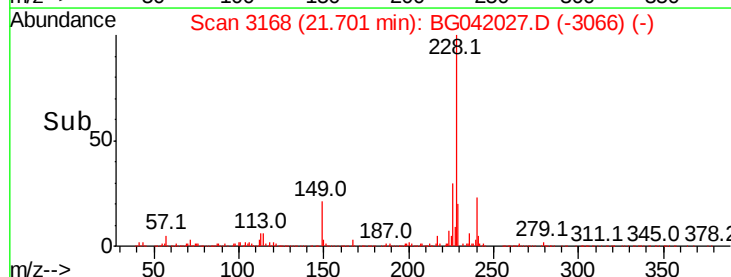
226 30.3 23.3 34.9

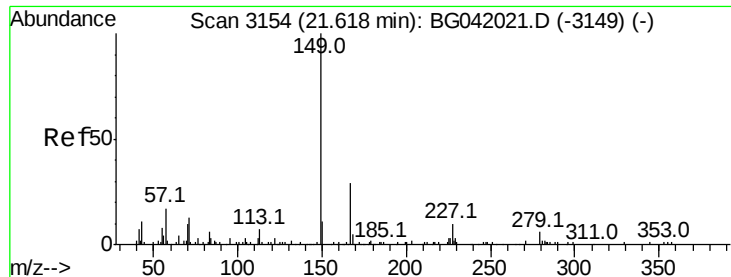


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

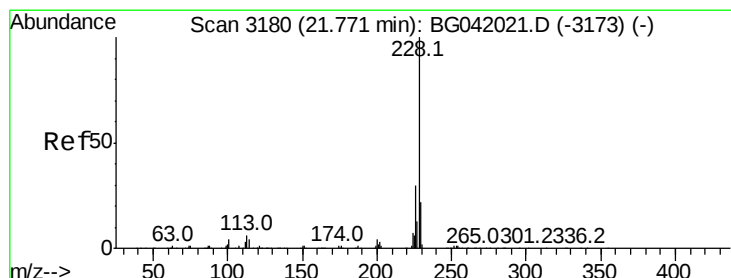
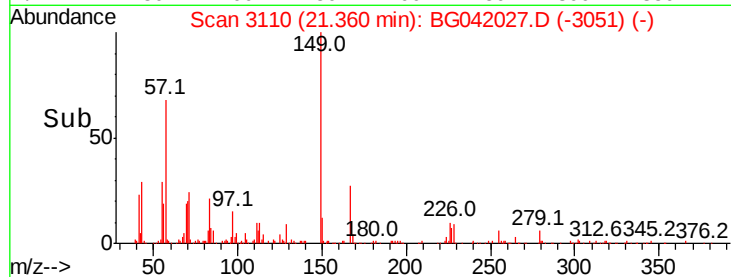
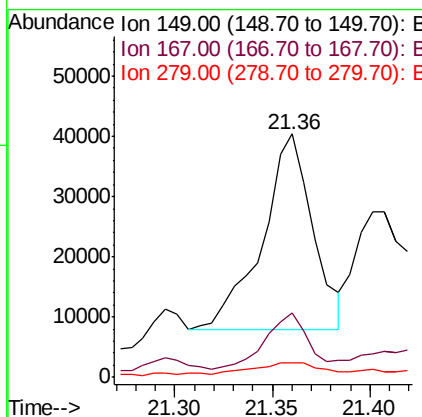
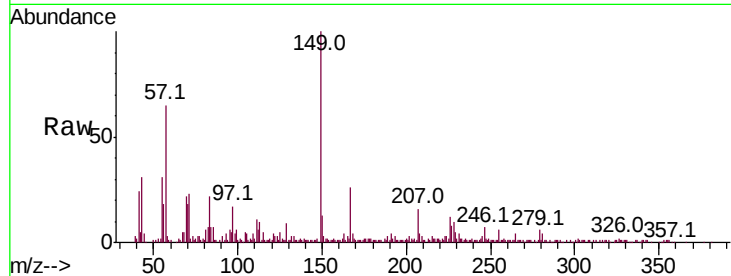




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.417 ng/ul
 RT: 21.36 min Scan# 3110
 Delta R.T. -0.25 min
 Lab File: BG042027.D
 Acq: 7 Aug 2019 12:25

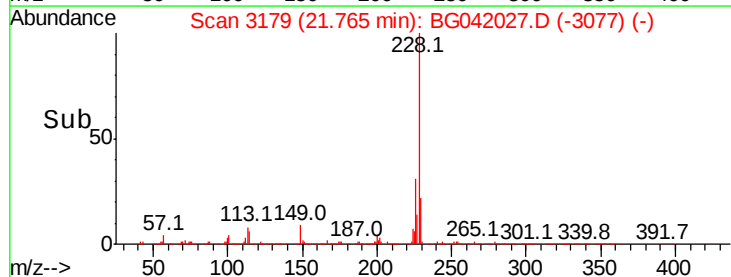
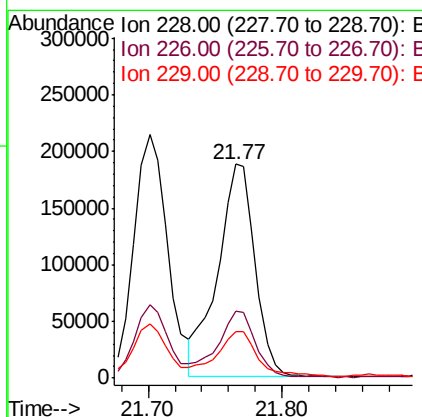
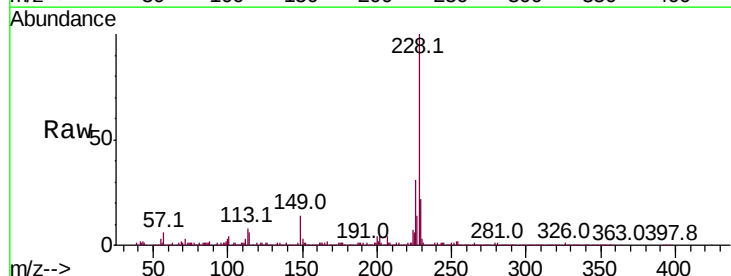
Instrument :
 BNA_G
 ClientSampleId :

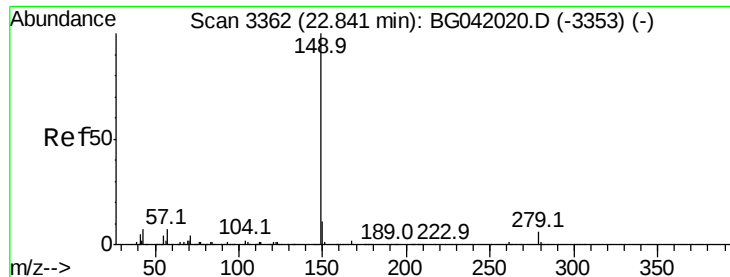
Tot Ion:149 Resp: 58575
 Ion Ratio Lower Upper
 149 100
 167 26.4 25.0 37.4
 279 5.7 5.2 7.8



#84
 Chrysene
 Concen: 11.914 ng/ul
 RT: 21.77 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: BG042027.D
 Acq: 7 Aug 2019 12:25

Tgt Ion:228 Resp: 365879
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.7 38.5
 229 21.9 16.6 24.8





#86

Di-n-octyl phthalate

Concen: 1.951 ng/ul

RT: 22.84 min Scan# 3362

Delta R.T. 0.00 min

Lab File: BG042027.D

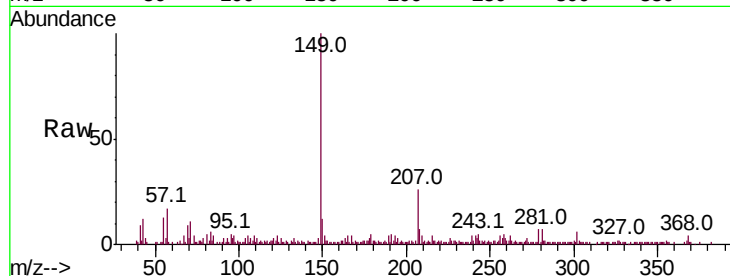
Acq: 7 Aug 2019 12:25

Instrument :

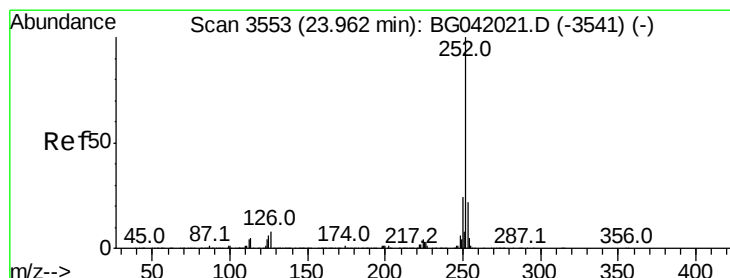
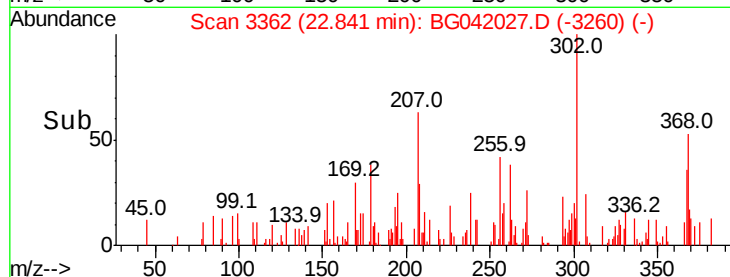
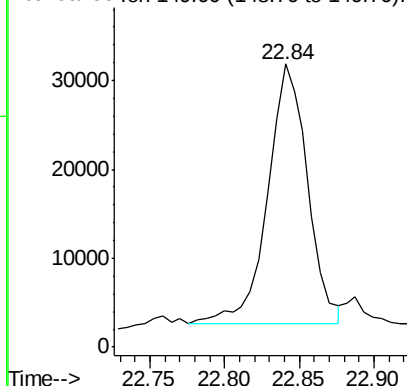
BNA_G

ClientSampleId :

Tgt Ion:149 Resp: 54487



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 11.357 ng/ul

RT: 23.95 min Scan# 3551

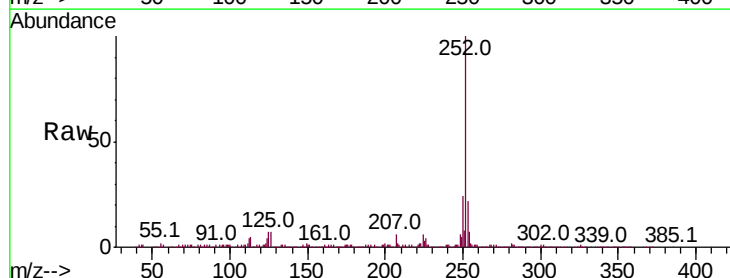
Delta R.T. 0.00 min

Lab File: BG042027.D

Acq: 7 Aug 2019 12:25

Tgt Ion:252 Resp: 402276

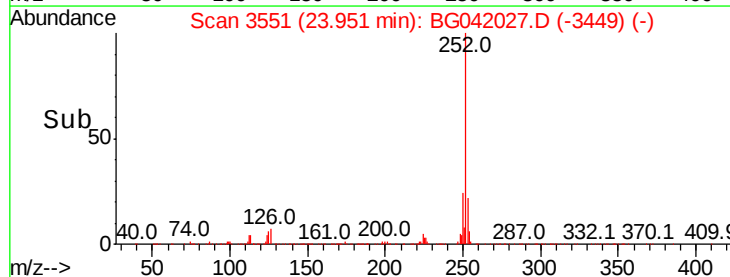
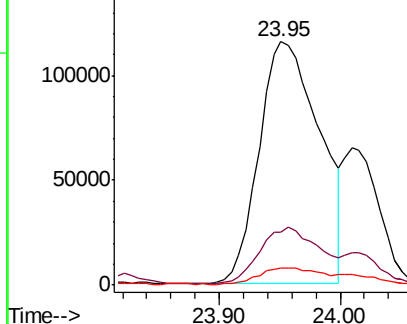
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	6.9	5.8	8.8

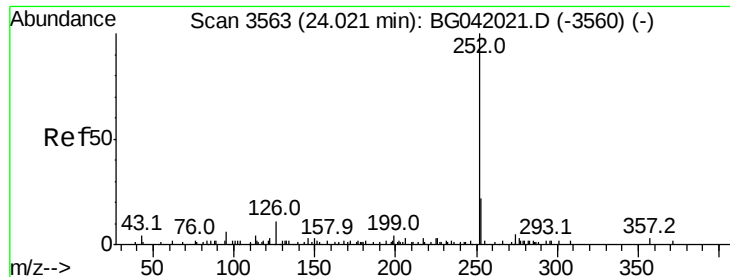


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

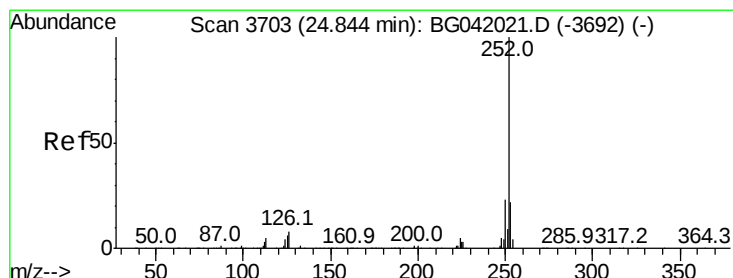
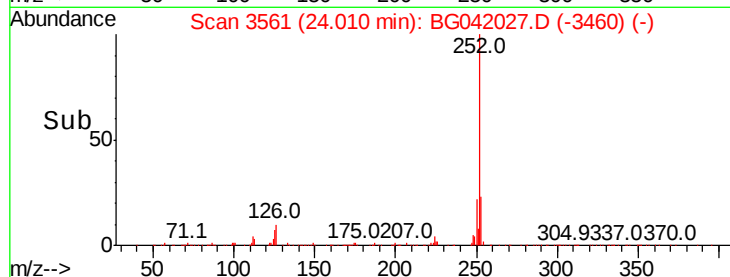
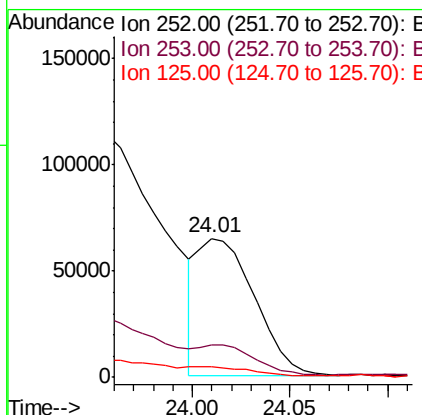
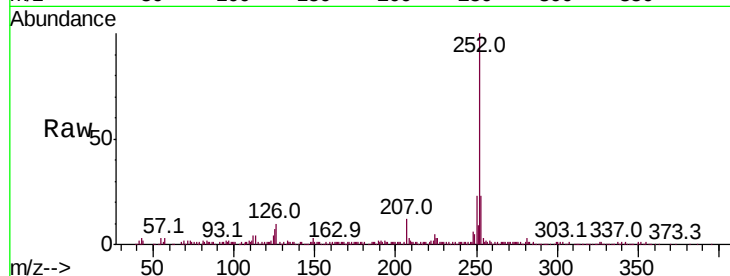




#88
Benzo(k)fluoranthene
Concen: 3.798 ng/ul
RT: 24.01 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

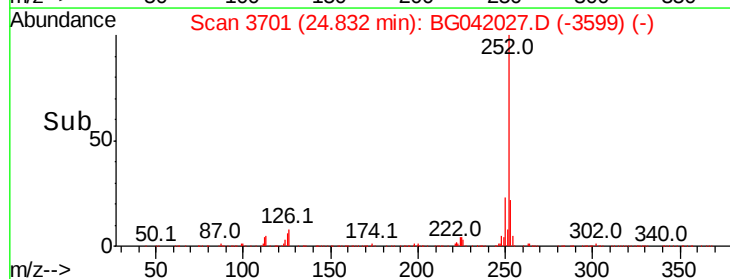
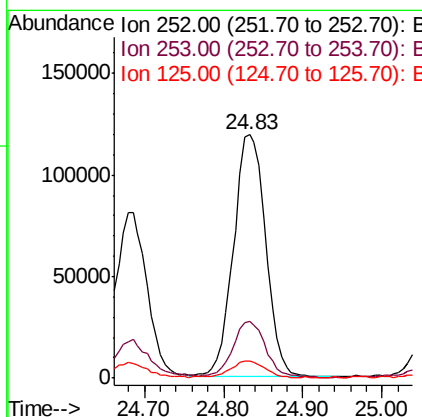
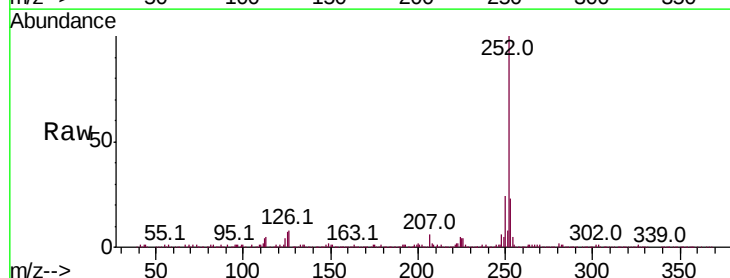
Instrument :
BNA_G
ClientSampleId :

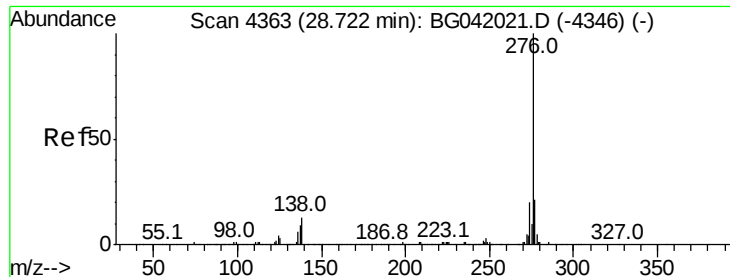
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	7.5	5.5	8.3



#90
Benzo(a)pyrene
Concen: 9.958 ng/ul
RT: 24.83 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	7.1	6.5	9.7



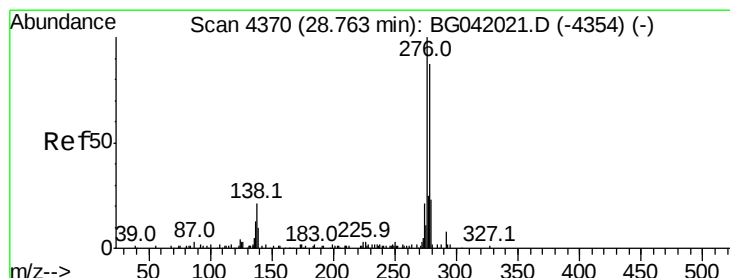
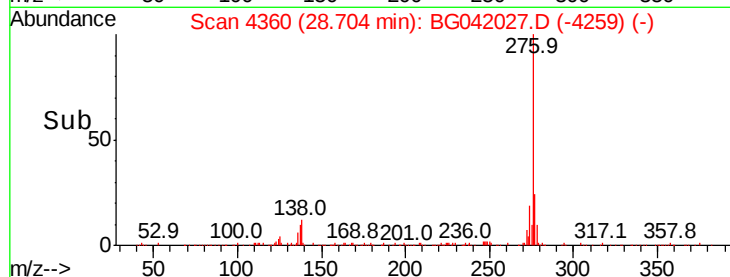
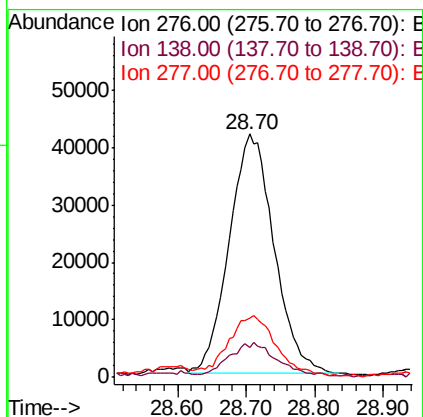
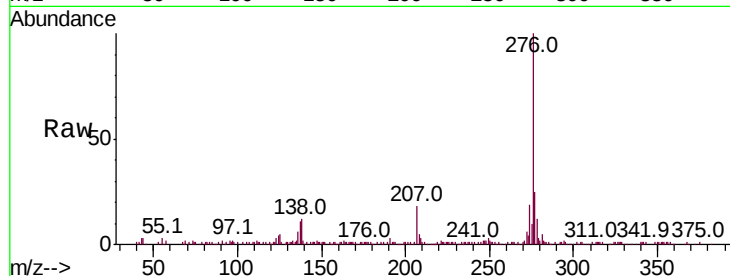


#91

Indeno(1,2,3-cd)pyrene
Concen: 4.815 ng/ul
RT: 28.70 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

Instrument :
BNA_G
ClientSampleId :

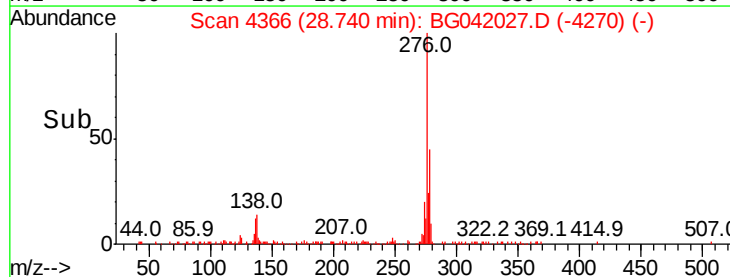
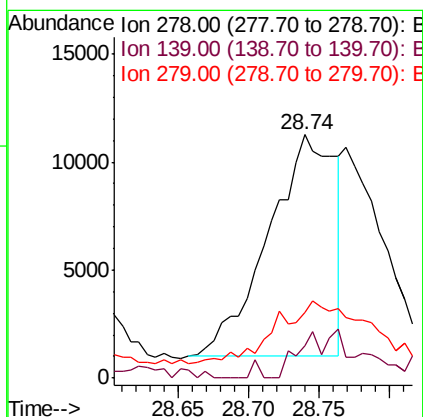
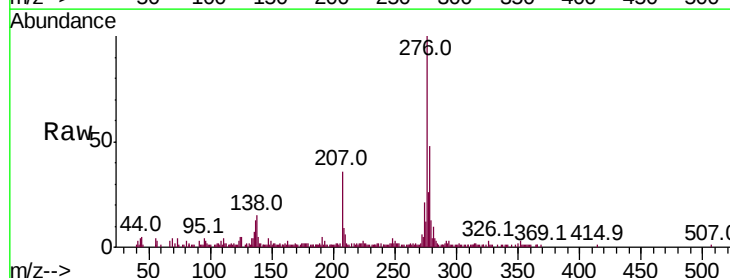
Tot Ion	Ratio	Lower	Upper
276	100		
138	12.0	12.0	18.0
277	24.6	19.2	28.8

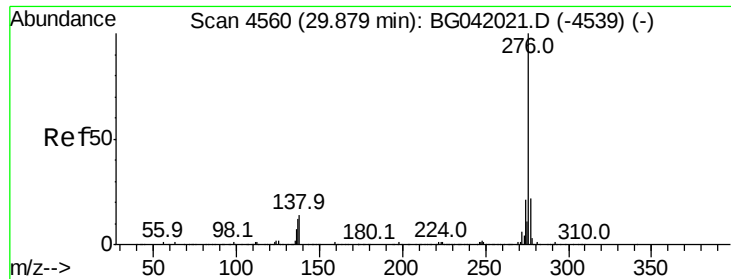


#92

Dibenzo(a,h)anthracene
Concen: 1.042 ng/ul
RT: 28.74 min Scan# 4366
Delta R.T. -0.03 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	9.4	14.0
279	27.2	19.2	28.8





#93

Benzo(a,h,i)perylene

Concen: 5.759 ng/ul

RT: 29.86 min Scan# 4557

Delta R.T. -0.01 min

Lab File: BG042027.D

Acq: 7 Aug 2019 12:25

Instrument :

BNA_G

ClientSampleId :

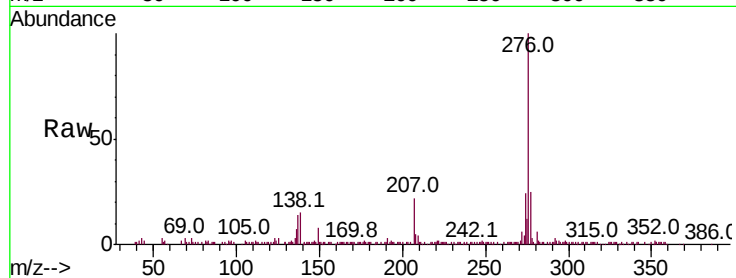
Tot Ion:276 Resp: 189282

Ion Ratio Lower Upper

276 100

138 14.8 12.6 18.8

277 25.1 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

