

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042028.D
 Acq On : 7 Aug 2019 13:04
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 07 14:58:19 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	8.02	152	78661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	334839	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	236370	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	490245	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	476707	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	573716	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3830	2.13	ng/uL	0.00
5) Phenol-d5	7.18	99	91779	14.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	47695	13.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	83815	15.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	77177	14.89	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	41983	16.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	52320	17.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	101333	17.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	84669	12.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	322954	17.62	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	376415	17.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	38272	12.43	ng/ul	0.00
57) Fluorene-d10	15.68	176	286645	17.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	43563	13.85	ng/ul	0.00
70) Anthracene-d10	17.54	188	428197	18.21	ng/ul	0.00
78) Pyrene-d10	19.83	212	472105	17.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	535696	17.87	ng/ul	0.00

Target Compounds

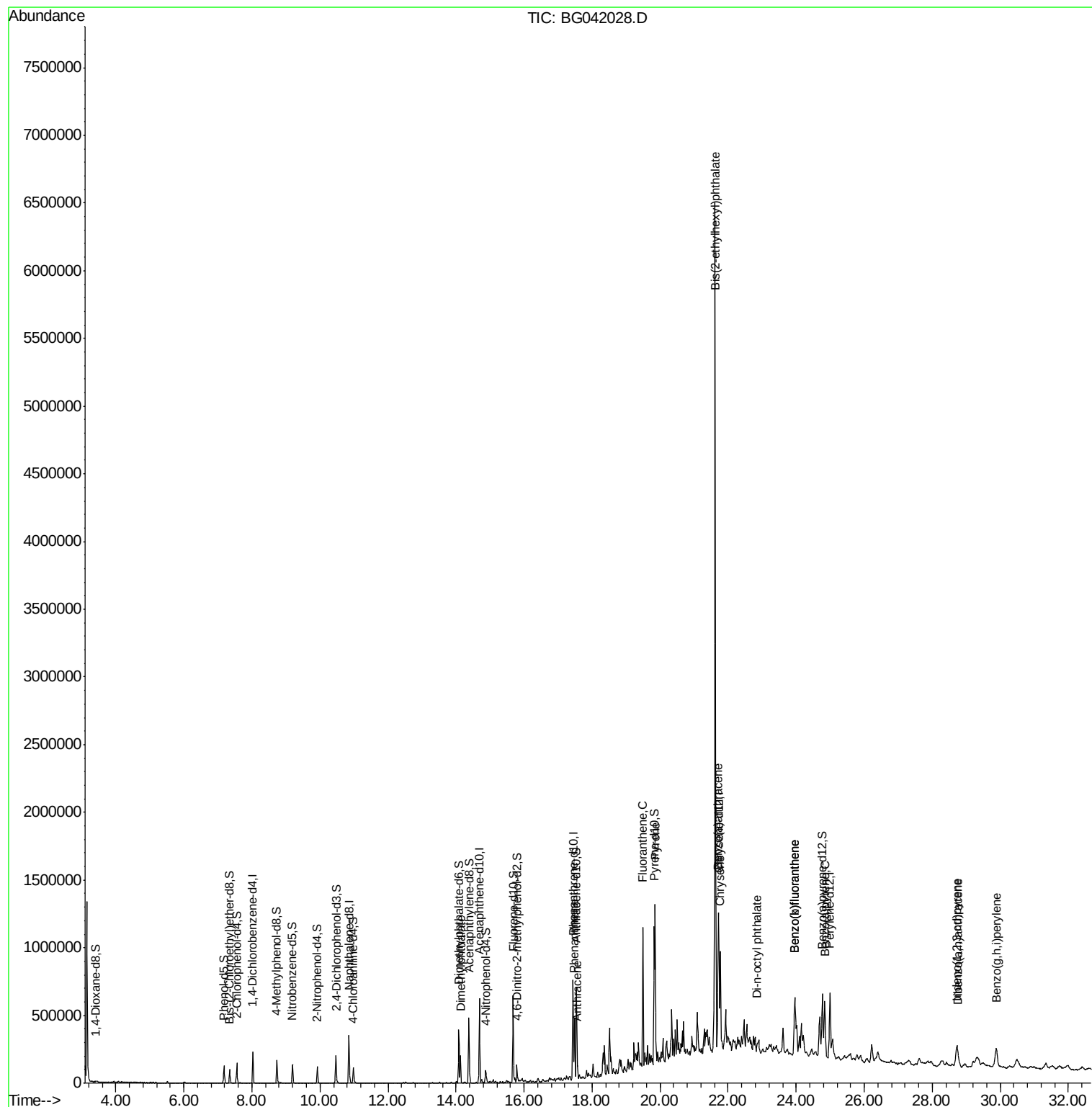
					Ovalue	
44) Dimethylphthalate	14.13	163	148965	8.184	ng/ul	98
69) Phenanthrene	17.48	178	301466	11.233	ng/ul	99
71) Anthracene	17.57	178	69619	2.558	ng/ul	99
76) Fluoranthene	19.49	202	675665	21.789	ng/ul	96
79) Pyrene	19.86	202	823193	25.672	ng/ul	97
82) Benzo(a)anthracene	21.70	228	544666	16.479	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	2903499	168.602	ng/ul#	80
84) Chrysene	21.77	228	557409	18.069	ng/ul	98
86) Di-n-octyl phthalate	22.85	149	36048	1.270	ng/ul	100
87) Benzo(b)fluoranthene	23.96	252	562952	15.636	ng/ul	100
88) Benzo(k)fluoranthene	23.96	252	562952	16.262	ng/ul	100
90) Benzo(a)pyrene	24.84	252	514529	14.997	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.72	276	304257	7.603	ng/ul	96
92) Dibenzo(a,h)anthracene	28.75	278	40789	1.250	ng/ul	93
93) Benzo(g,h,i)perylene	29.89	276	298657	8.939	ng/ul	99

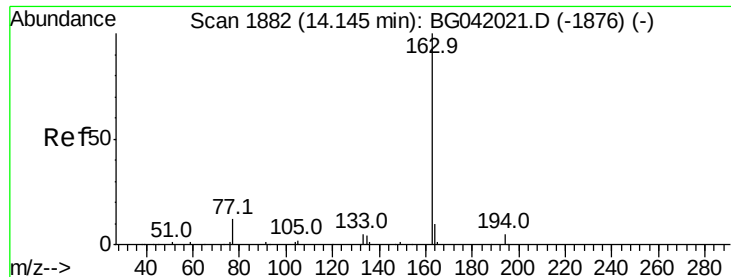
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 8.184 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG042028.D

Acq: 7 Aug 2019 13:04

Instrument :

BNA_G

ClientSampleId :

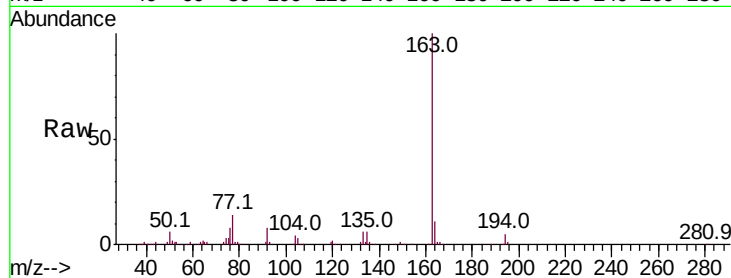
Tot Ion:163 Resp: 148965

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

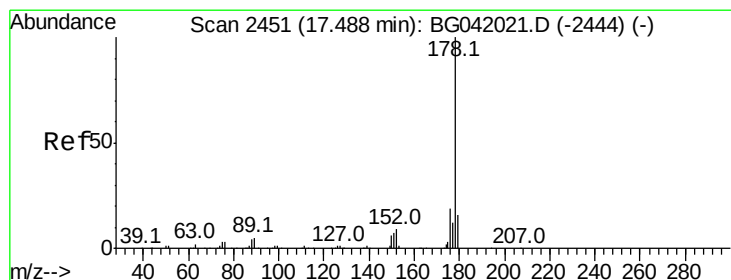
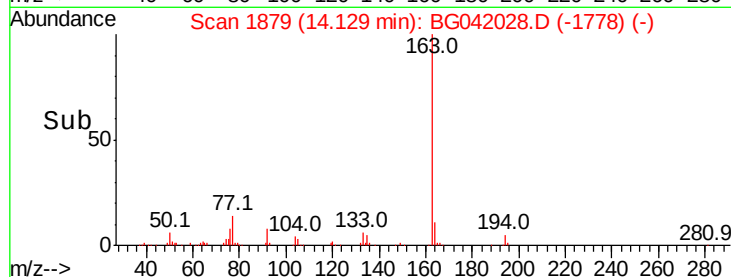
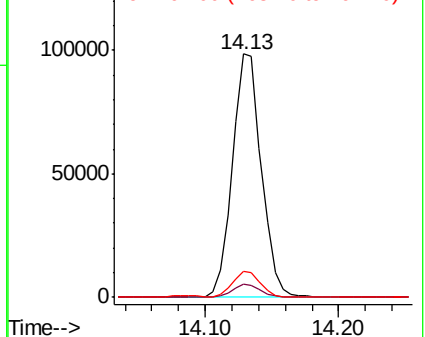
164 10.9 7.8 11.8



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: 11.233 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042028.D

Acq: 7 Aug 2019 13:04

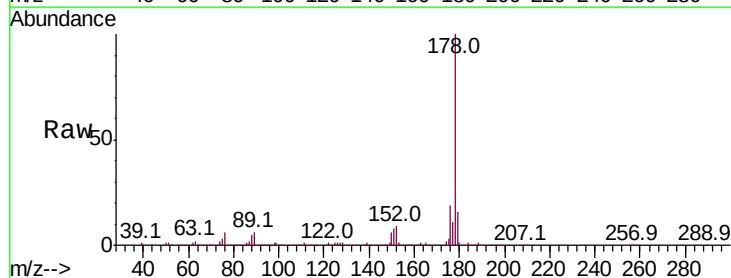
Tgt Ion:178 Resp: 301466

Ion Ratio Lower Upper

178 100

179 15.8 12.8 19.2

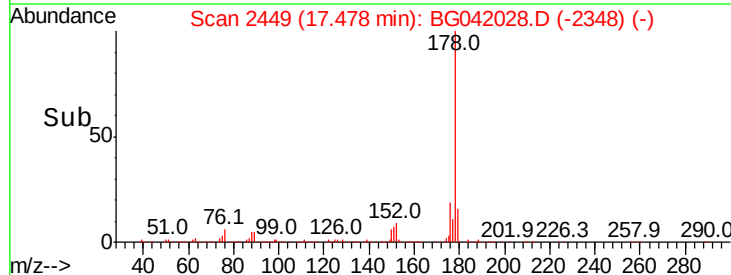
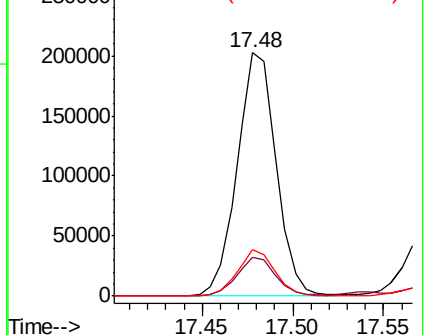
176 19.0 15.4 23.2

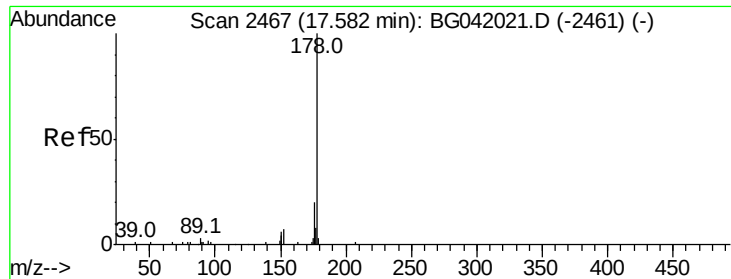


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

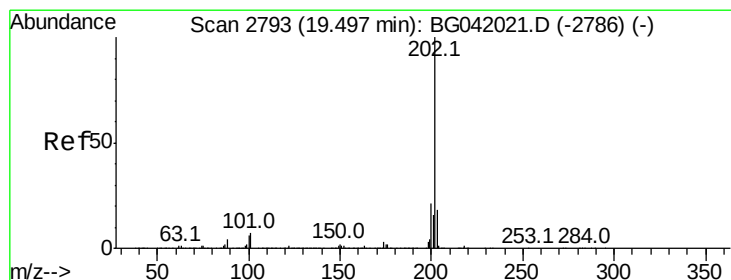
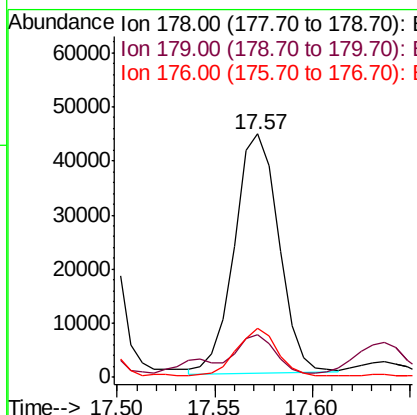
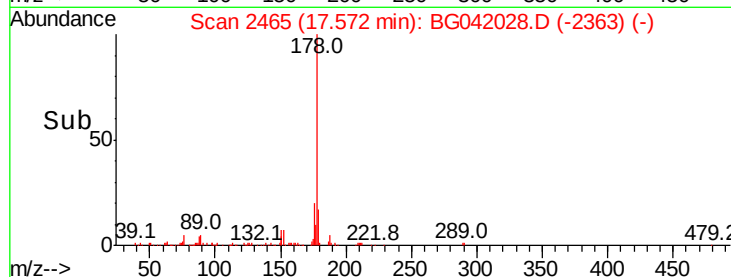
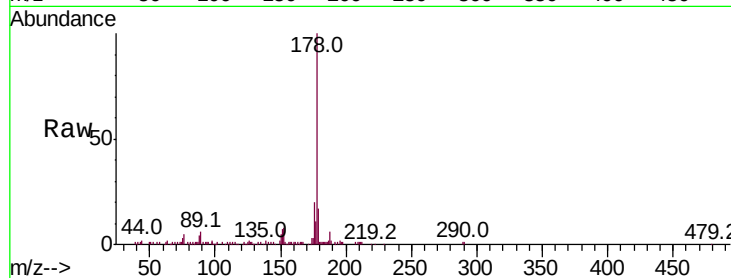




#71
 Anthracene
 Concen: 2.558 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BG042028.D
 Acq: 7 Aug 2019 13:04

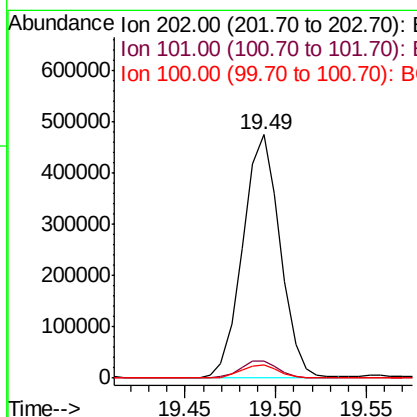
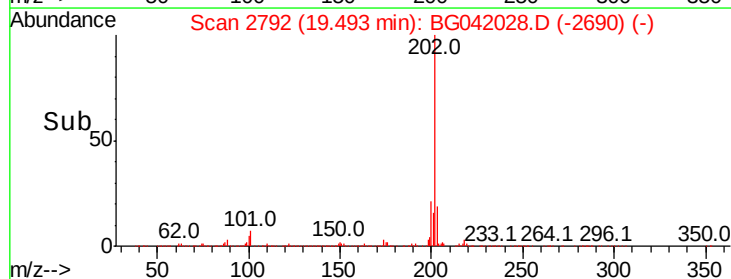
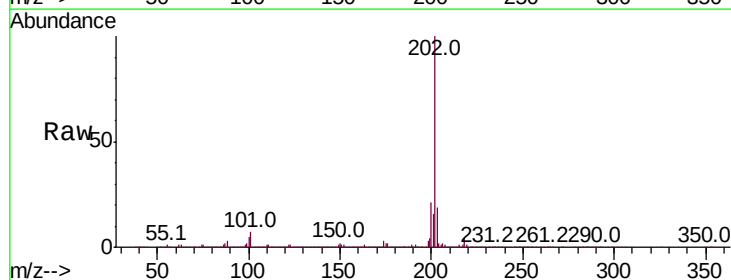
Instrument :
 BNA_G
 ClientSampleId :

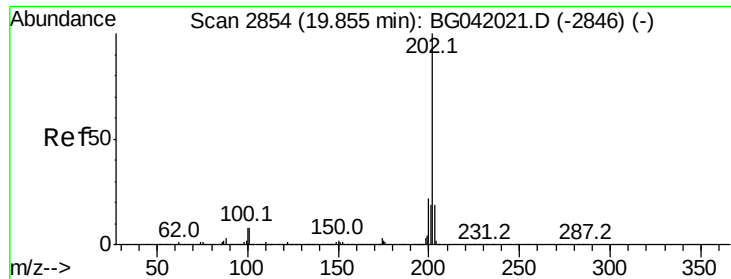
Tot Ion:178 Resp: 69619
 Ion Ratio Lower Upper
 178 100
 179 17.3 13.4 20.0
 176 19.9 15.4 23.2



#76
 Fluoranthene
 Concen: 21.789 ng/ul
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG042028.D
 Acq: 7 Aug 2019 13:04

Tgt Ion:202 Resp: 675665
 Ion Ratio Lower Upper
 202 100
 101 7.2 6.7 10.1
 100 5.3 5.3 7.9





#79

Pvrene

Concen: 25.672 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG042028.D

Acq: 7 Aug 2019 13:04

Instrument :

BNA_G

ClientSampleId :

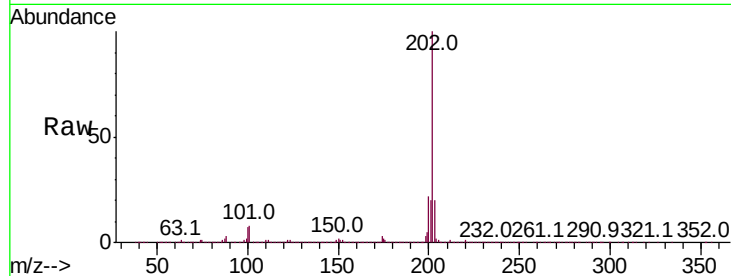
Tot Ion:202 Resp: 823193

Ion Ratio Lower Upper

202 100

101 8.4 7.6 11.4

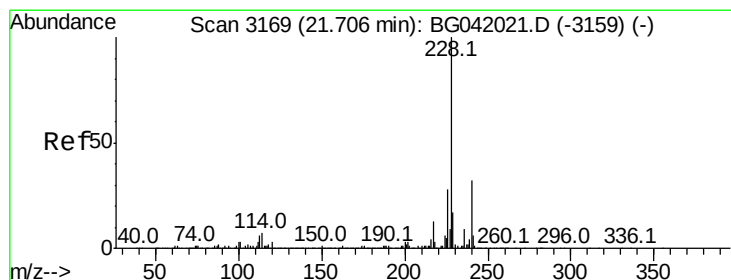
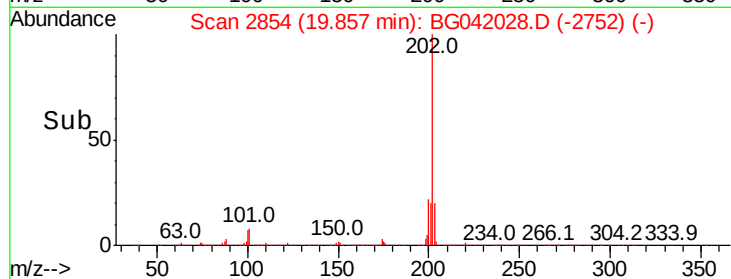
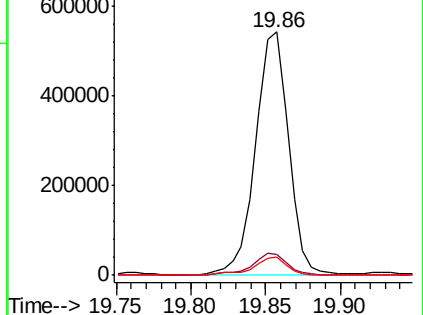
100 7.3 6.5 9.7



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): E



#82

Benzo(a)anthracene

Concen: 16.479 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042028.D

Acq: 7 Aug 2019 13:04

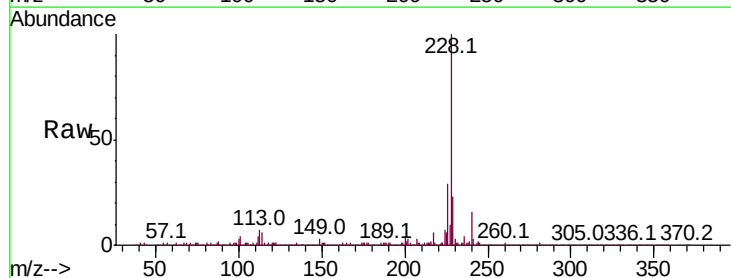
Tgt Ion:228 Resp: 544666

Ion Ratio Lower Upper

228 100

229 22.8 17.0 25.6

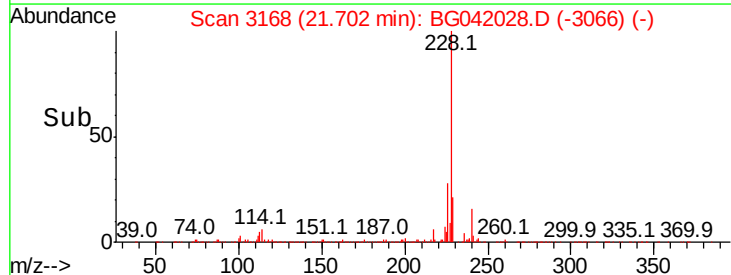
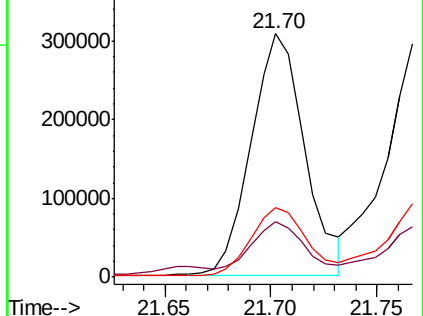
226 28.7 23.3 34.9

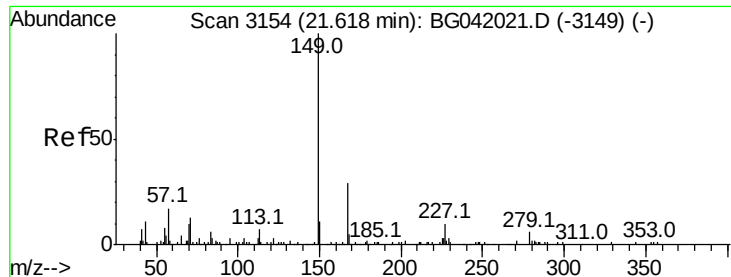


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 168.602 ng/ul

RT: 21.62 min Scan# 3154

Delta R.T. 0.01 min

Lab File: BG042028.D

Acq: 7 Aug 2019 13:04

Instrument :

BNA_G

ClientSampleId :

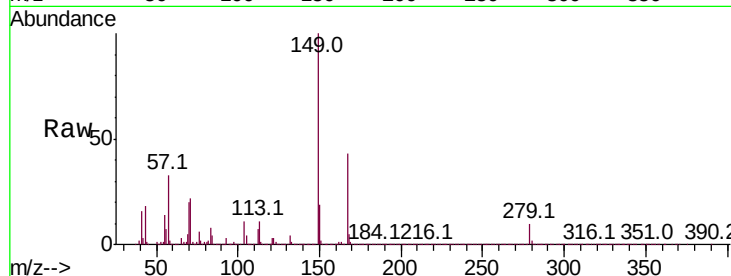
Tot Ion:149 Resp: 2903499

Ion Ratio Lower Upper

149 100

167 43.5 25.0 37.4#

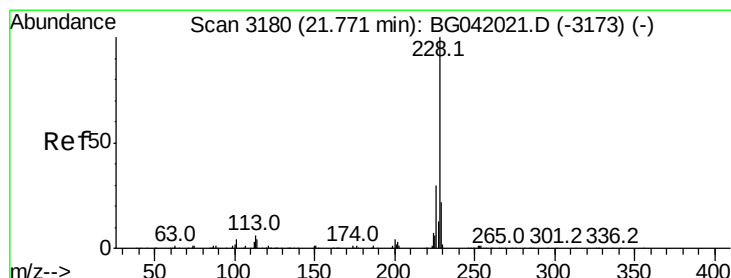
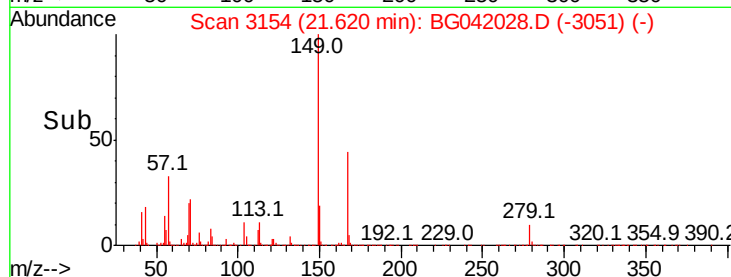
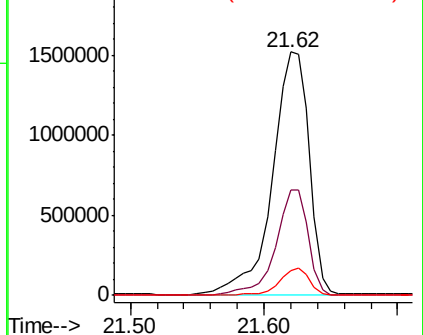
279 10.4 5.2 7.8#



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



#84

Chrysene

Concen: 18.069 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042028.D

Acq: 7 Aug 2019 13:04

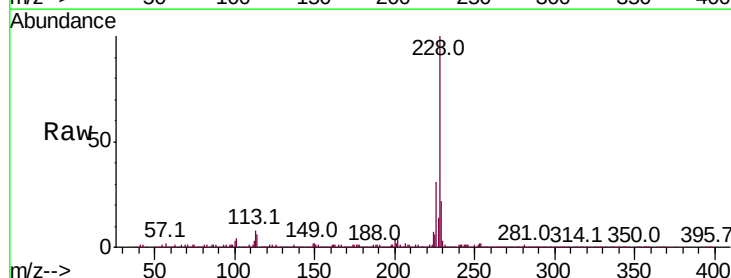
Tgt Ion:228 Resp: 557409

Ion Ratio Lower Upper

228 100

226 31.4 25.7 38.5

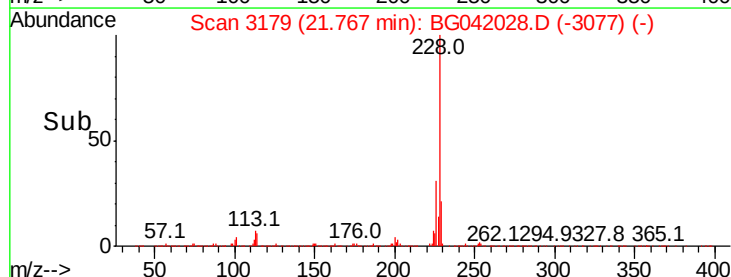
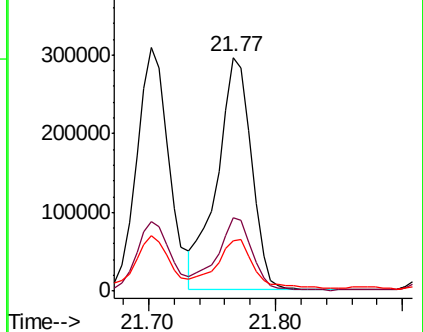
229 21.8 16.6 24.8

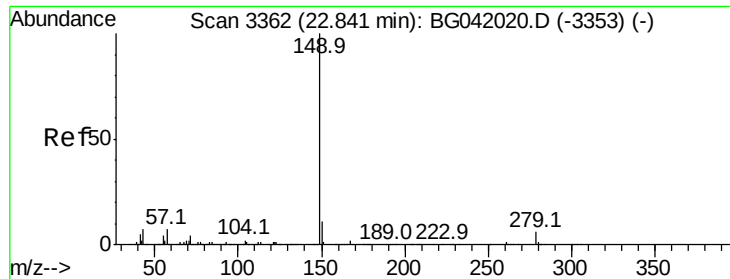


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Di-n-octyl phthalate

Concen: 1.270 ng/ul

RT: 22.85 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BG042028.D

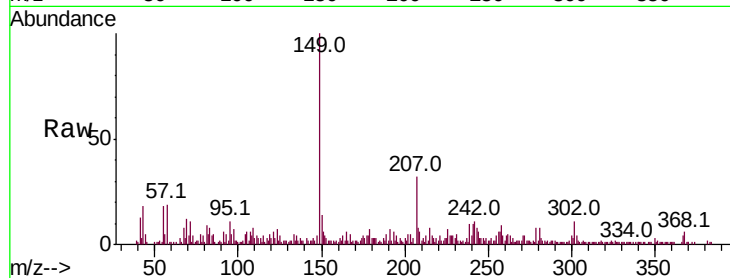
Acq: 7 Aug 2019 13:04

Instrument :

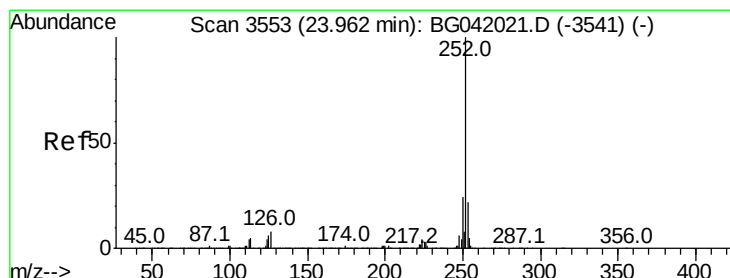
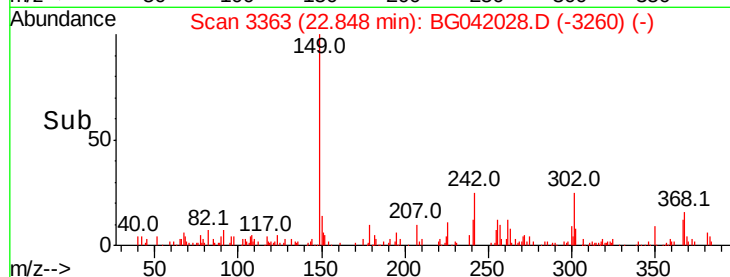
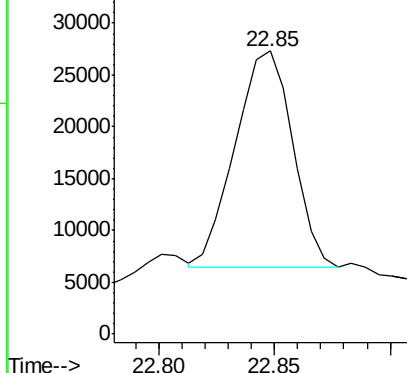
BNA_G

ClientSampleId :

Tgt Ion:149 Resp: 36048



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 15.636 ng/ul

RT: 23.96 min Scan# 3552

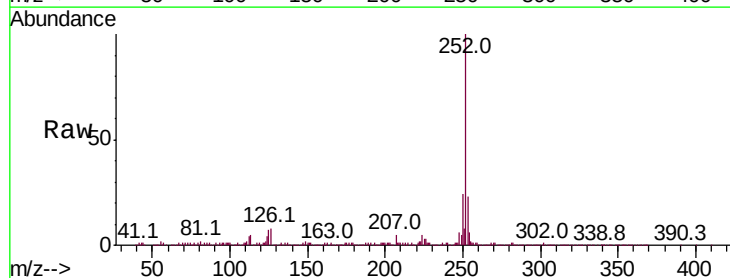
Delta R.T. 0.01 min

Lab File: BG042028.D

Acq: 7 Aug 2019 13:04

Tgt Ion:252 Resp: 562952

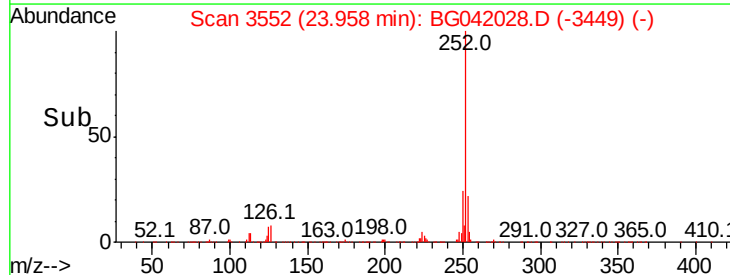
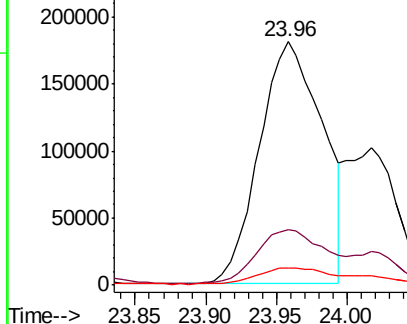
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	7.1	5.8	8.8

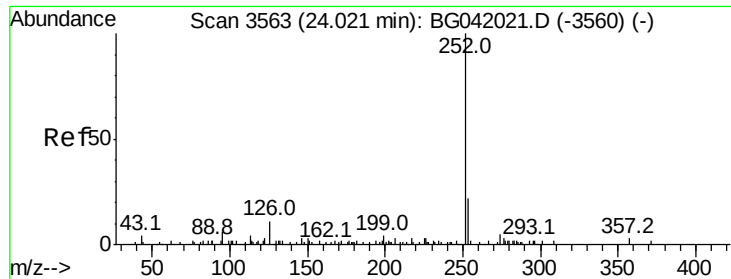


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 16.262 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. -0.06 min

Lab File: BG042028.D

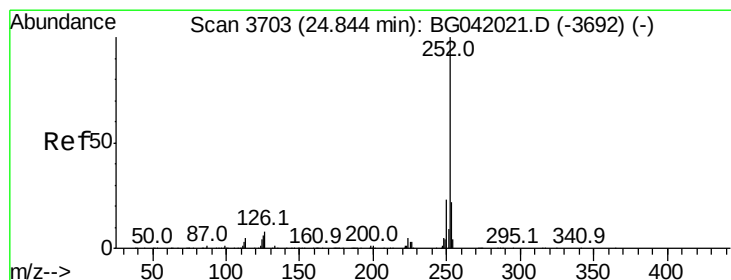
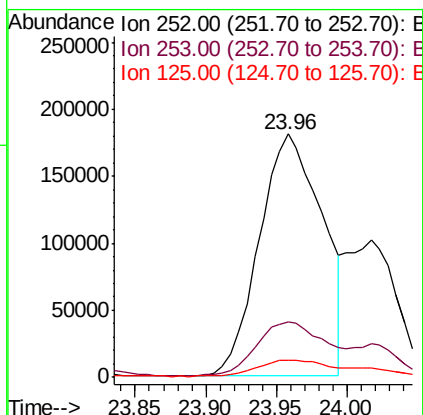
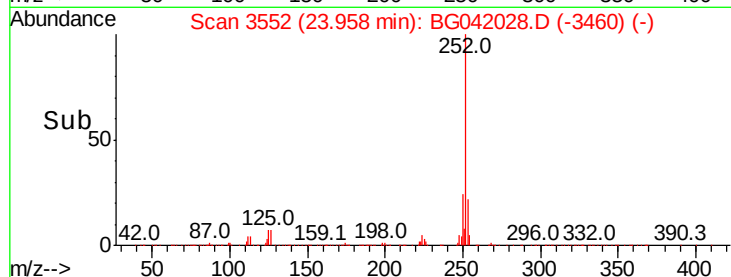
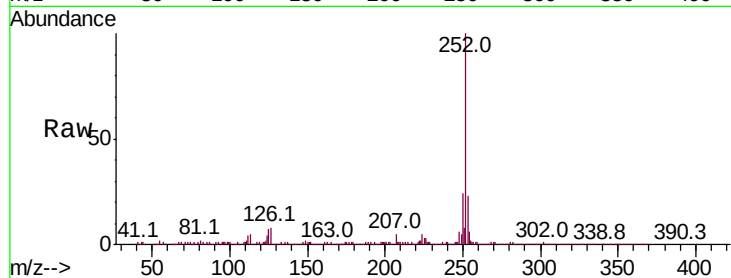
Acq: 7 Aug 2019 13:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	562952
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	7.1	5.5	8.3



#90

Benzo(a)pyrene

Concen: 14.997 ng/ul

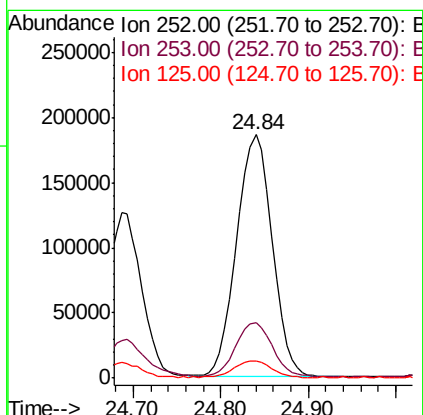
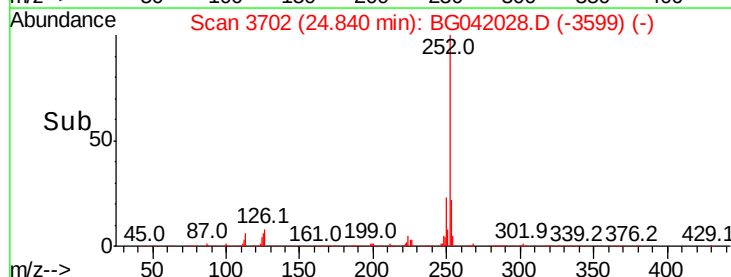
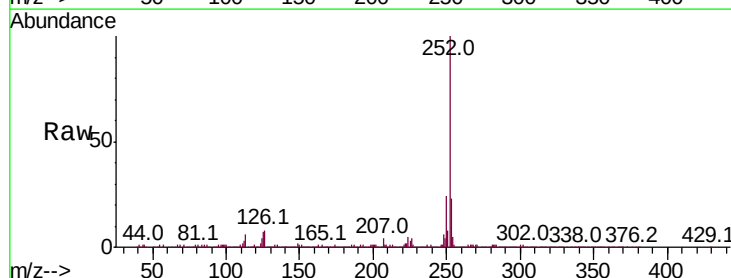
RT: 24.84 min Scan# 3702

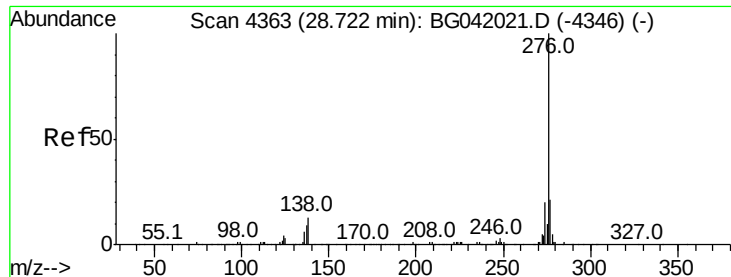
Delta R.T. 0.01 min

Lab File: BG042028.D

Acq: 7 Aug 2019 13:04

Tgt Ion:	252	Resp:	514529
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	7.0	6.5	9.7



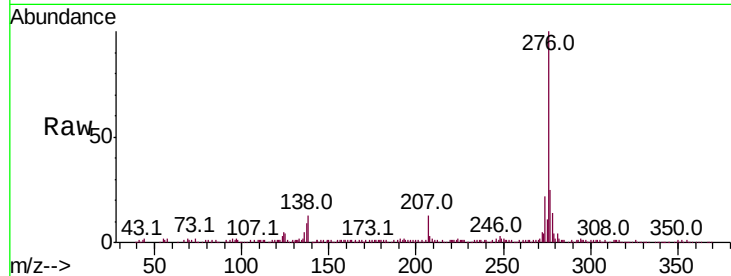


#91

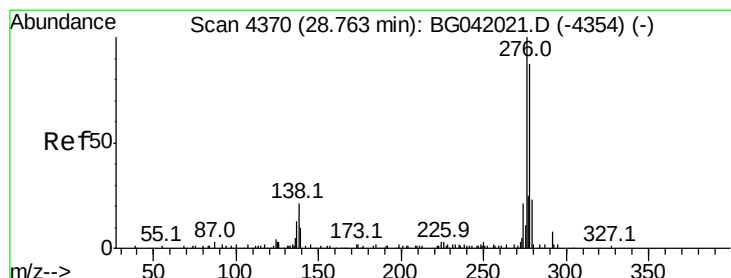
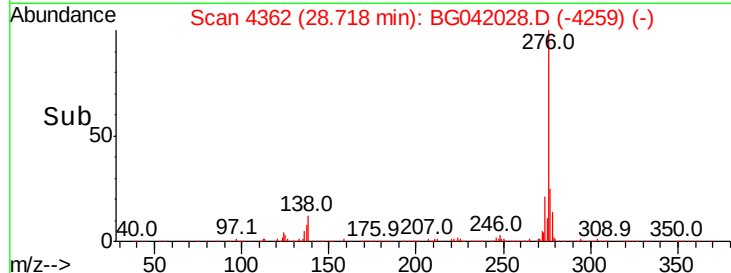
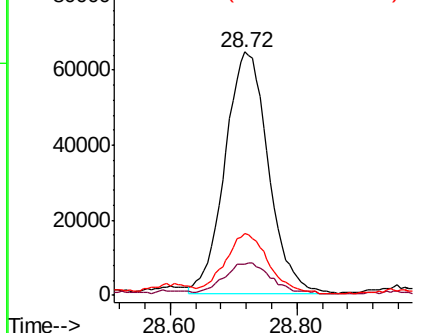
Indeno(1,2,3-cd)pyrene
Concen: 7.603 ng/ul
RT: 28.72 min Scan# 4362
Delta R.T. 0.01 min
Lab File: BG042028.D
Acq: 7 Aug 2019 13:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.6	12.0	18.0
277	25.1	19.2	28.8



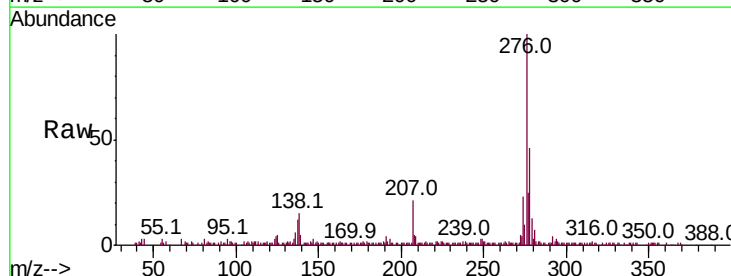
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



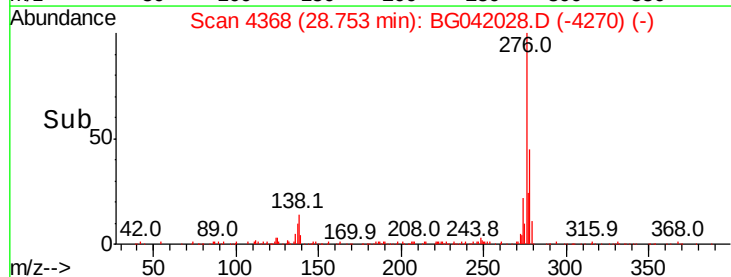
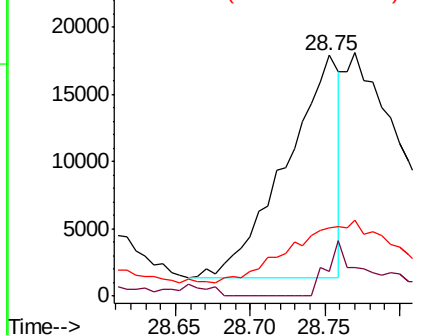
#92

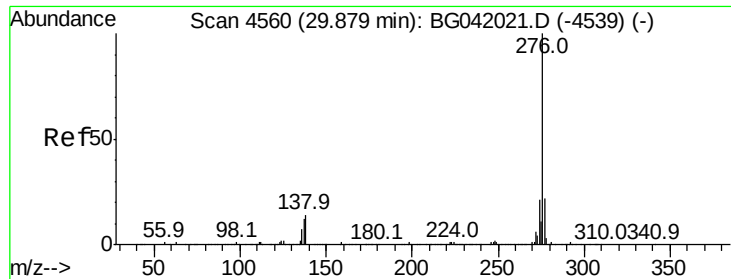
Dibenzo(a,h)anthracene
Concen: 1.250 ng/ul
RT: 28.75 min Scan# 4368
Delta R.T. -0.02 min
Lab File: BG042028.D
Acq: 7 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.4	14.0
279	28.2	19.2	28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 8.939 ng/ul

RT: 29.89 min Scan# 4561

Delta R.T. 0.01 min

Lab File: BG042028.D

Acq: 7 Aug 2019 13:04

Instrument :

BNA_G

ClientSampleId :

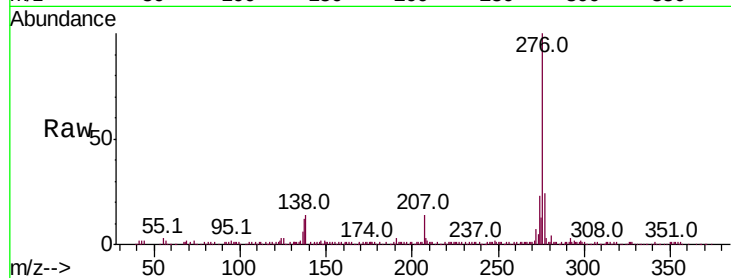
Tot Ion: 276 Resp: 298657

Ion Ratio Lower Upper

276 100

138 14.4 12.6 18.8

277 23.8 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

