

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081319\
 Data File : BG042205.D
 Acq On : 14 Aug 2019 11:15
 Operator : HP/JU
 Sample : K4304-11
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB5P2

Quant Time: Aug 14 12:26:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	97387	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	398194	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	273258	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	730637	20.00	ng/ul	0.10
77) Chrysene-d12	21.72	240	533717	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	640218	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	7610	3.42	ng/uL	0.00
5) Phenol-d5	7.18	99	181957	23.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	91515	21.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	166827	25.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	154390	24.06	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	82777	27.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	104903	30.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	191886	27.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	219946	28.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	569491	26.87	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	666937	27.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	77724	21.84	ng/ul	0.00
57) Fluorene-d10	15.68	176	504581	26.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	77093	16.45	ng/ul	0.00
70) Anthracene-d10	17.54	188	730637	20.84	ng/ul	0.00
78) Pyrene-d10	19.82	212	830188	27.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	967223	28.92	ng/ul	0.00

Target Compounds

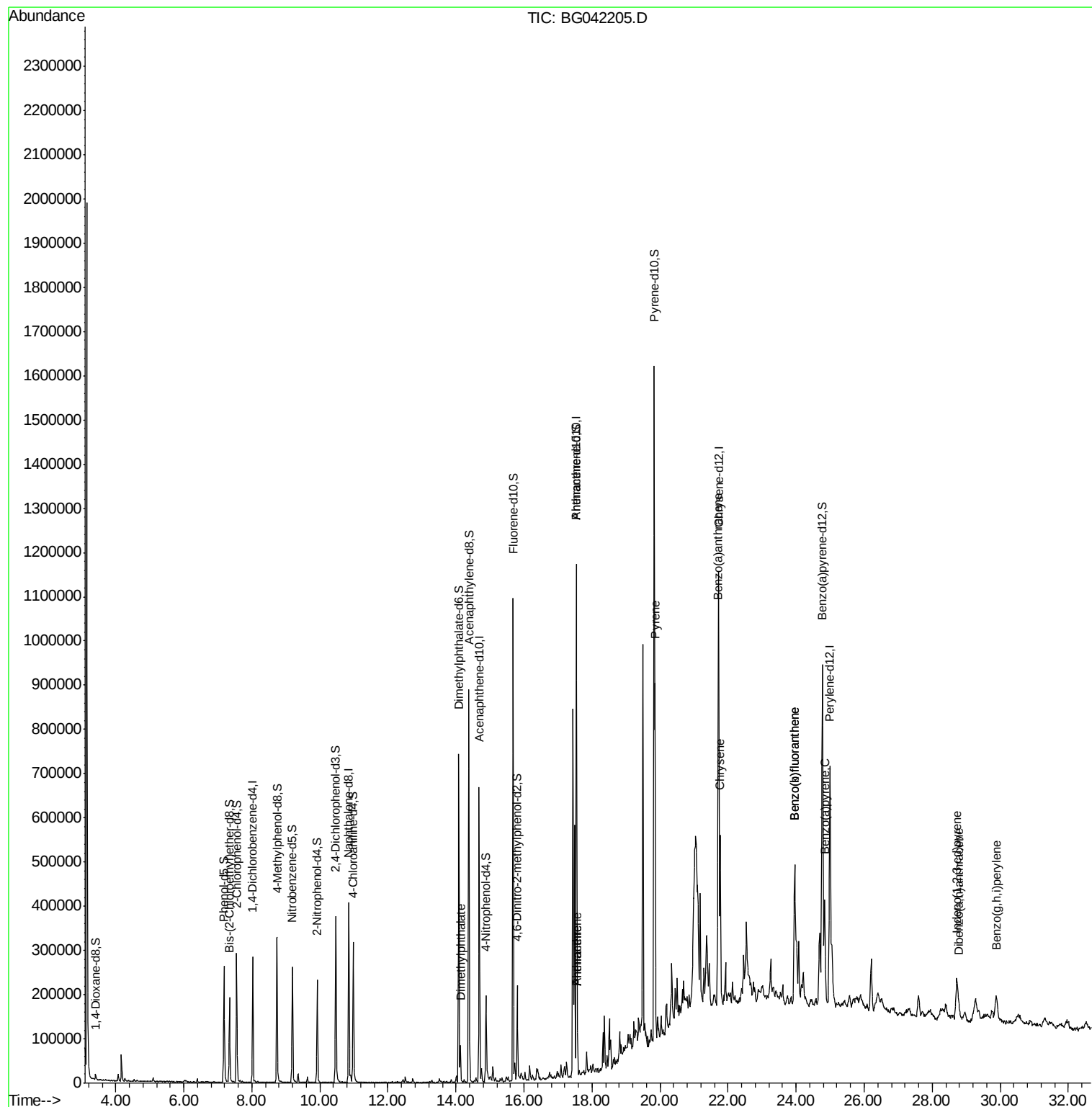
					Ovalue
44) Dimethylphthalate	14.13	163	60958	2.897 ng/ul	98
69) Phenanthrene	17.57	178	64947	1.624 ng/ul	99
71) Anthracene	17.57	178	64947	1.601 ng/ul	99
79) Pyrene	19.85	202	512963	14.288 ng/ul	98
82) Benzo(a)anthracene	21.70	228	294263	7.952 ng/ul	99
84) Chrysene	21.77	228	306360	8.870 ng/ul	99
87) Benzo(b)fluoranthene	23.96	252	413939	10.303 ng/ul	98
88) Benzo(k)fluoranthene	23.96	252	413939	10.716 ng/ul	98
90) Benzo(a)pyrene	24.84	252	277534	7.249 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.72	276	176151	3.945 ng/ul	100
92) Dibenzo(a,h)anthracene	28.78	278	48391	1.329 ng/ul#	96
93) Benzo(g,h,i)perylene	29.89	276	151642	4.067 ng/ul	100

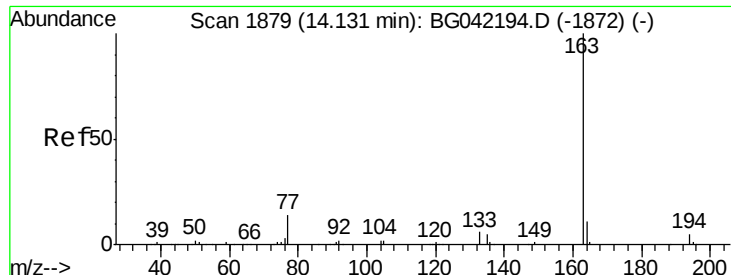
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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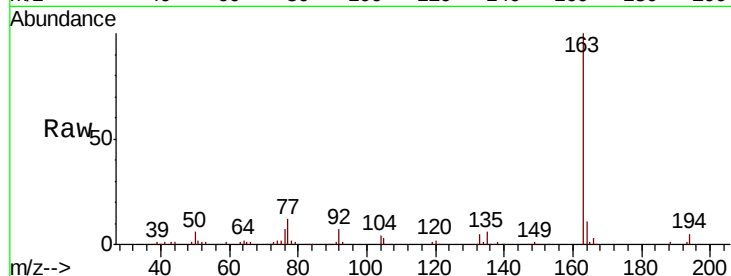




#44
Dimethylphthalate
Concen: 2.897 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG042205.D
Acq: 14 Aug 2019 11:15

Instrument :
BNA_G
ClientSampled :
CB5P2

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.2	6.2
164	10.7	7.8	11.8

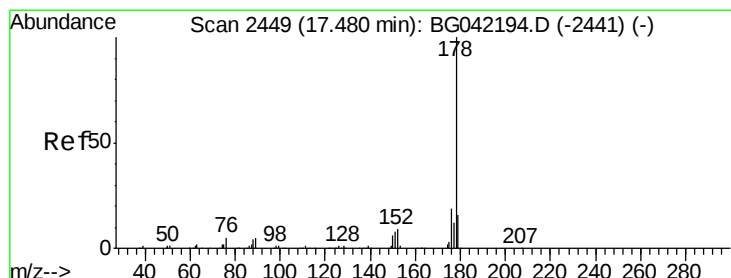
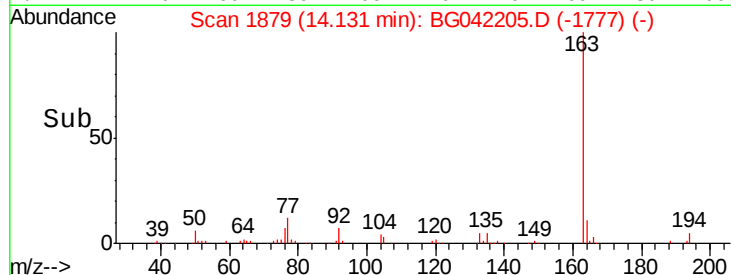
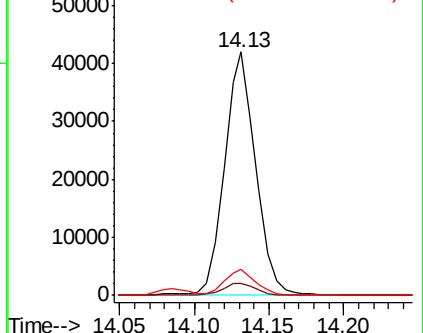


Abundance

Ion 163.00 (162.70 to 163.70): E

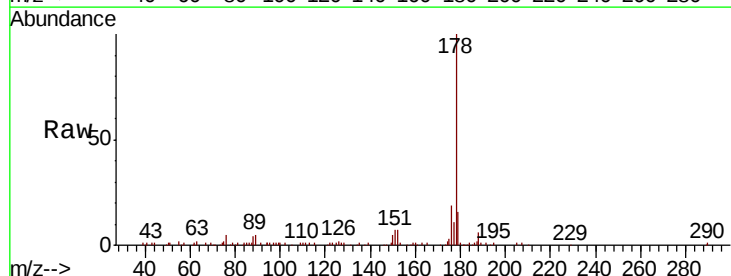
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 1.624 ng/ul
RT: 17.57 min Scan# 2465
Delta R.T. 0.09 min
Lab File: BG042205.D
Acq: 14 Aug 2019 11:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	18.8	15.4	23.2

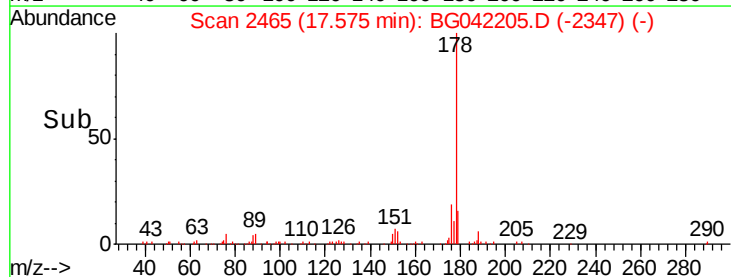
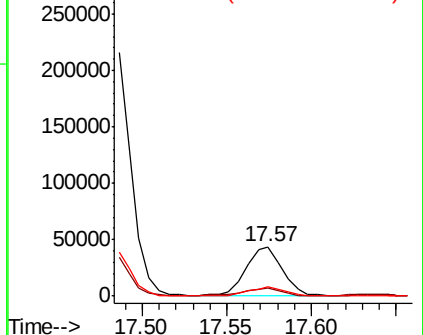


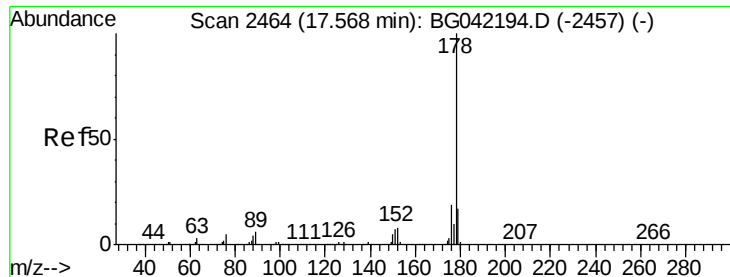
Abundance

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

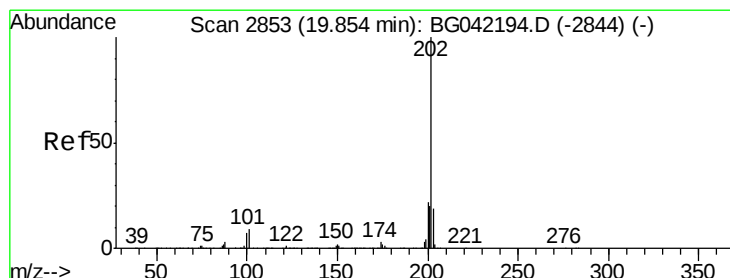
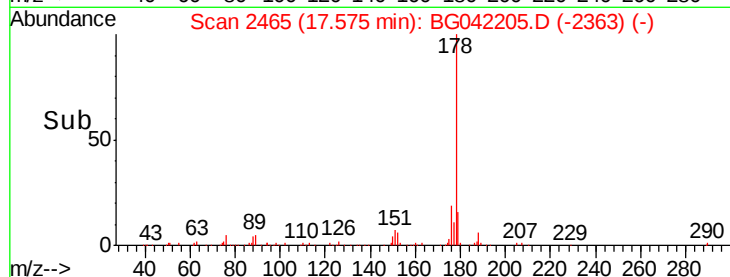
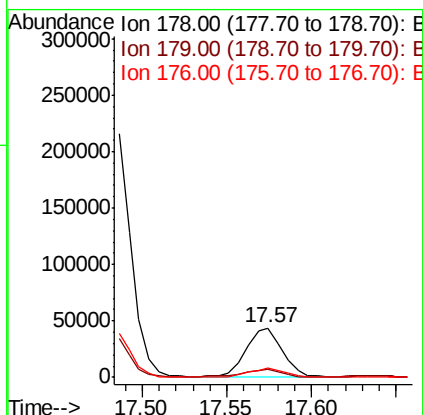
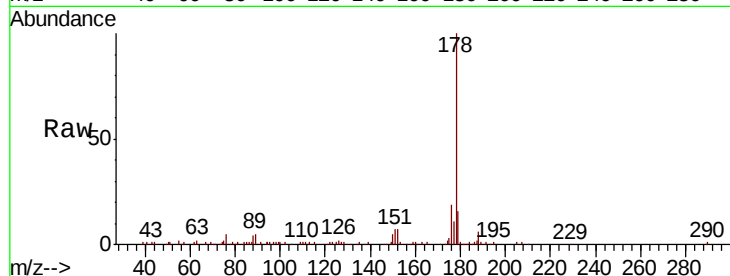




#71
 Anthracene
 Concen: 1.601 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BG042205.D
 Acq: 14 Aug 2019 11:15

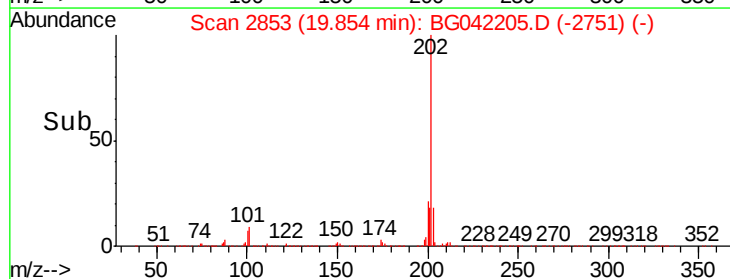
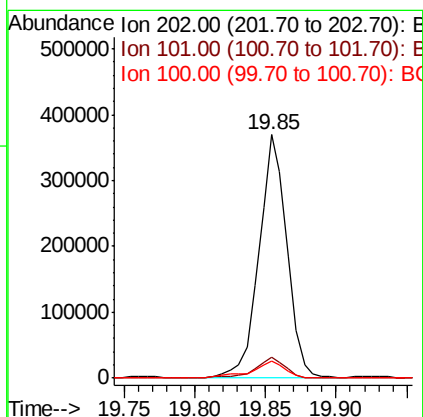
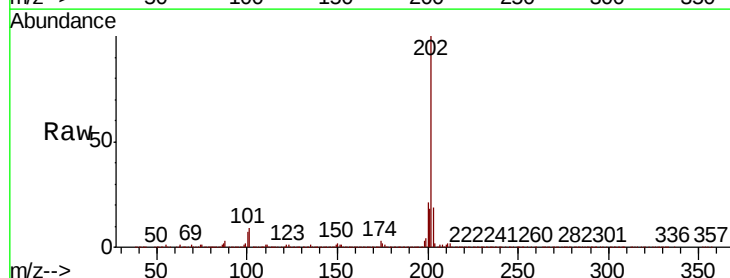
Instrument :
 BNA_G
 ClientSampleId :
 CB5P2

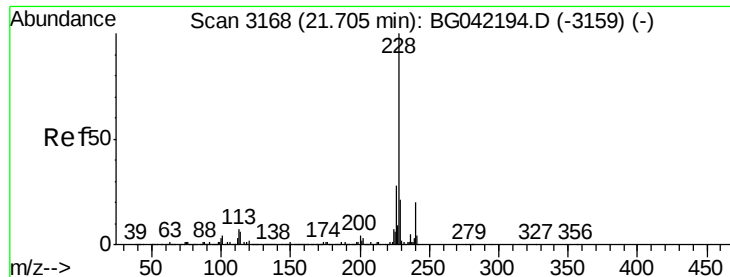
Tot Ion:178 Resp: 64947
 Ion Ratio Lower Upper
 178 100
 179 16.3 13.4 20.0
 176 18.8 15.4 23.2



#79
 Pyrene
 Concen: 14.288 ng/ul
 RT: 19.85 min Scan# 2853
 Delta R.T. 0.00 min
 Lab File: BG042205.D
 Acq: 14 Aug 2019 11:15

Tgt Ion:202 Resp: 512963
 Ion Ratio Lower Upper
 202 100
 101 8.7 7.6 11.4
 100 7.2 6.5 9.7





#82

Benzo(a)anthracene

Concen: 7.952 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042205.D

Acq: 14 Aug 2019 11:15

Instrument :

BNA_G

ClientSampleId :

CB5P2

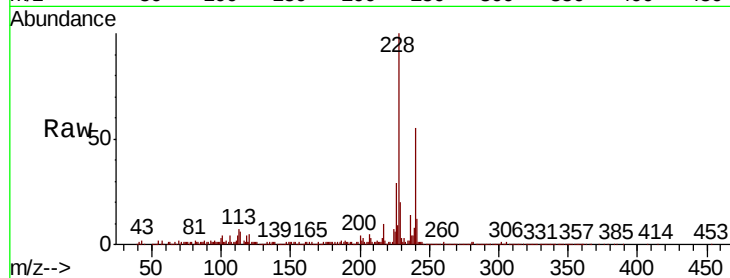
Tot Ion:228 Resp: 294263

Ion Ratio Lower Upper

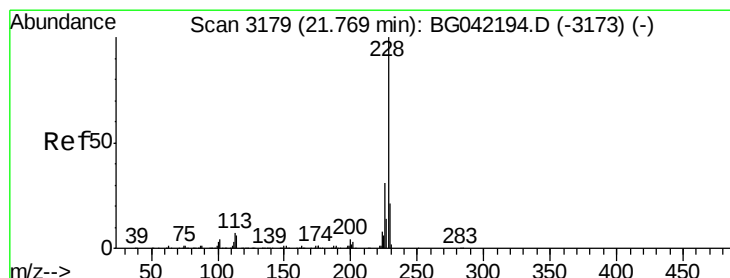
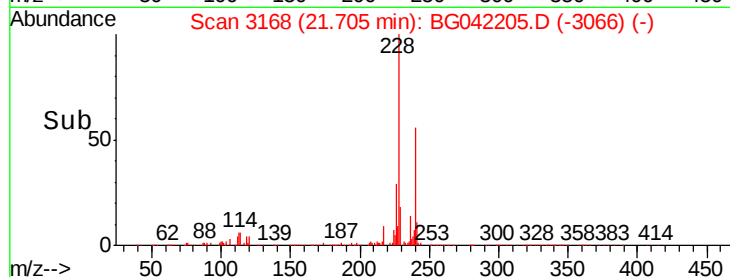
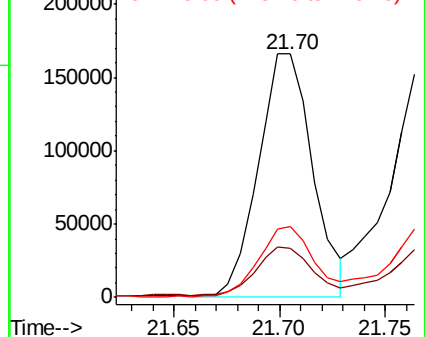
228 100

229 20.3 17.0 25.6

226 29.3 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



#84

Chrysene

Concen: 8.870 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042205.D

Acq: 14 Aug 2019 11:15

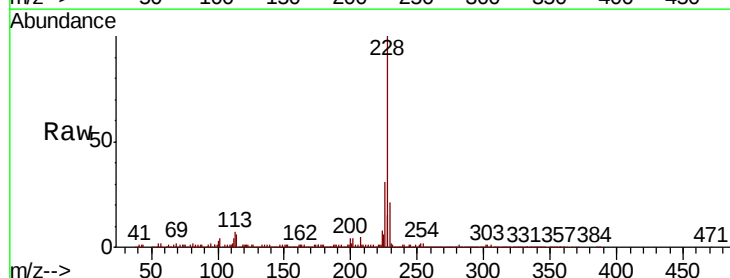
Tgt Ion:228 Resp: 306360

Ion Ratio Lower Upper

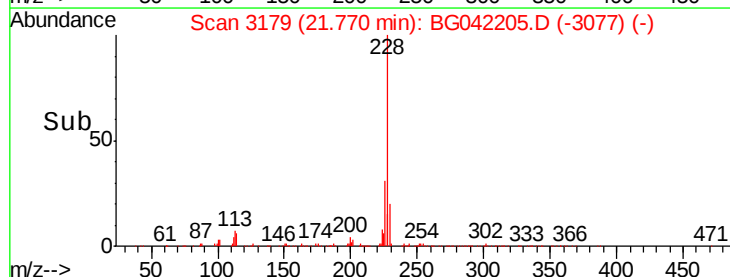
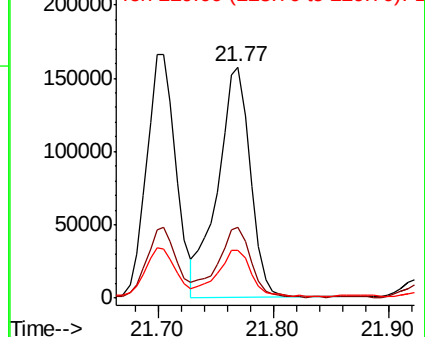
228 100

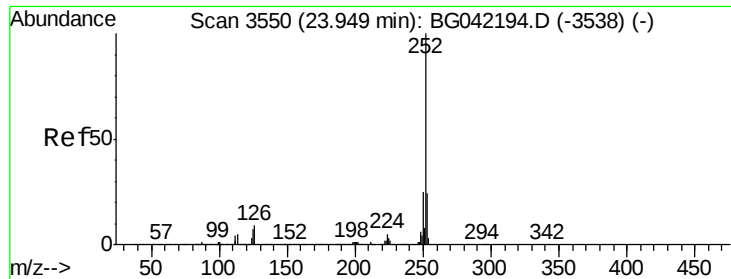
226 30.8 25.7 38.5

229 20.6 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





#87

Benzo(b)fluoranthene

Concen: 10.303 ng/ul

RT: 23.96 min Scan# 3551

Delta R.T. 0.01 min

Lab File: BG042205.D

Acq: 14 Aug 2019 11:15

Instrument :

BNA_G

ClientSampleId :

CB5P2

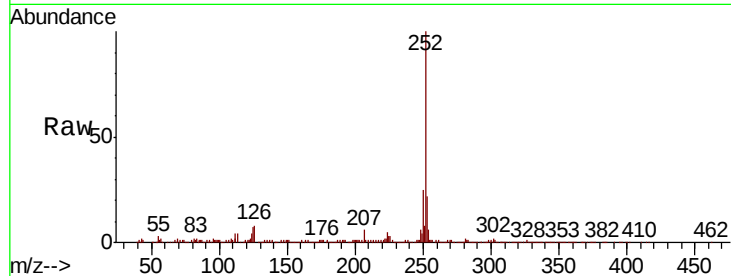
Tot Ion:252 Resp: 413939

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

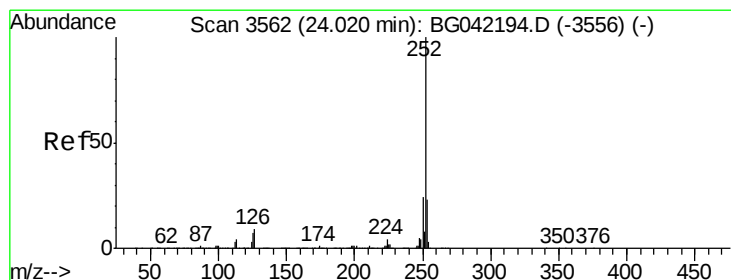
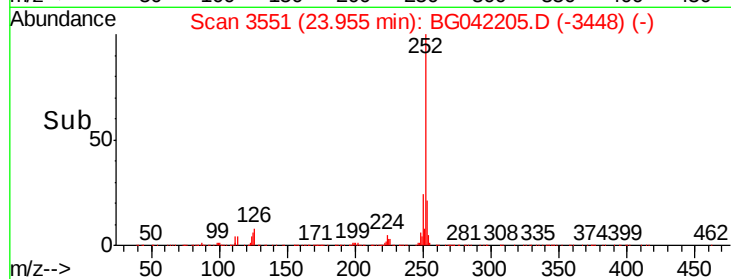
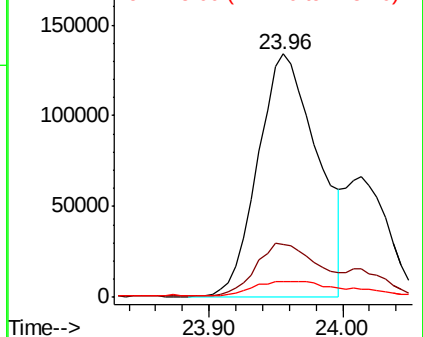
125 6.7 5.8 8.8



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: 10.716 ng/ul

RT: 23.96 min Scan# 3551

Delta R.T. -0.06 min

Lab File: BG042205.D

Acq: 14 Aug 2019 11:15

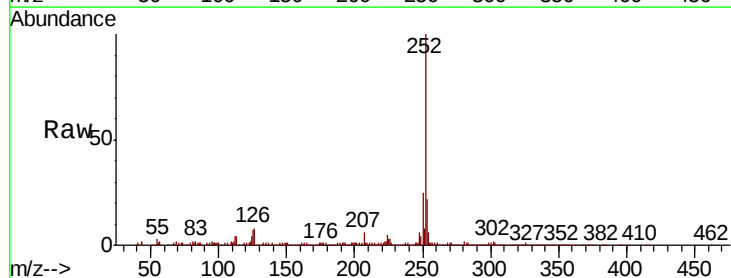
Tgt Ion:252 Resp: 413939

Ion Ratio Lower Upper

252 100

253 21.8 18.3 27.5

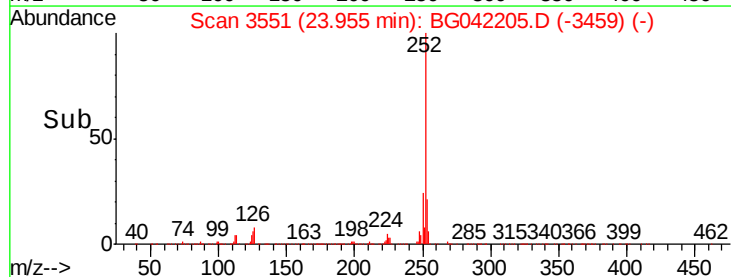
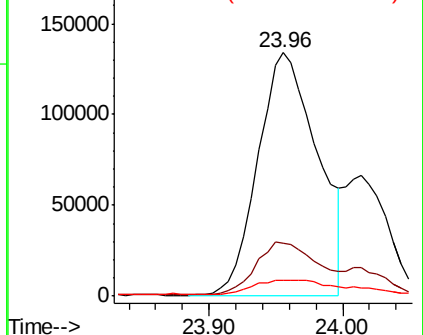
125 6.7 5.5 8.3

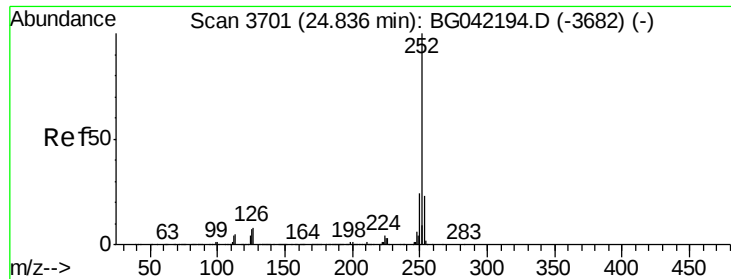


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

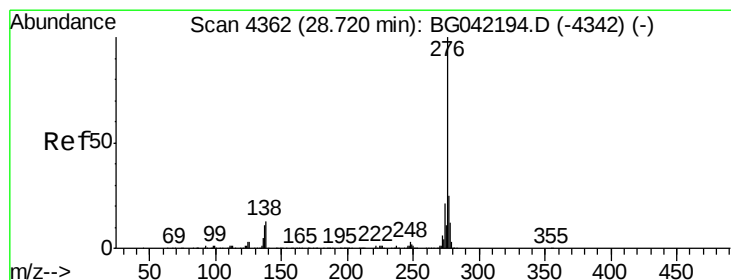
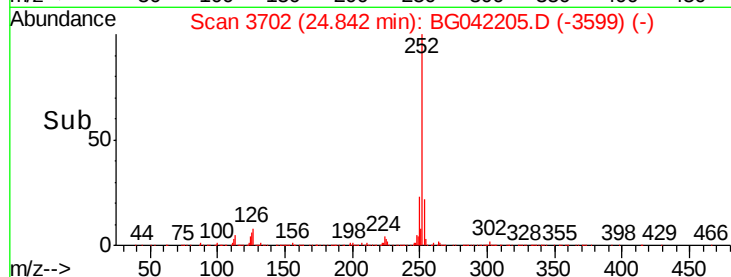
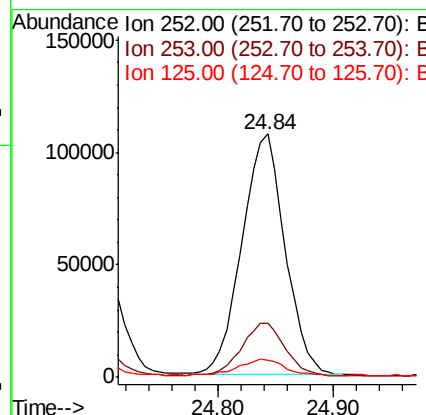
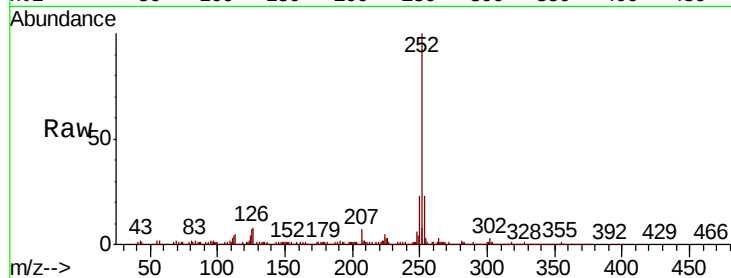




#90
Benzo(a)pyrene
Concen: 7.249 ng/ul
RT: 24.84 min Scan# 3702
Delta R.T. 0.01 min
Lab File: BG042205.D
Acq: 14 Aug 2019 11:15

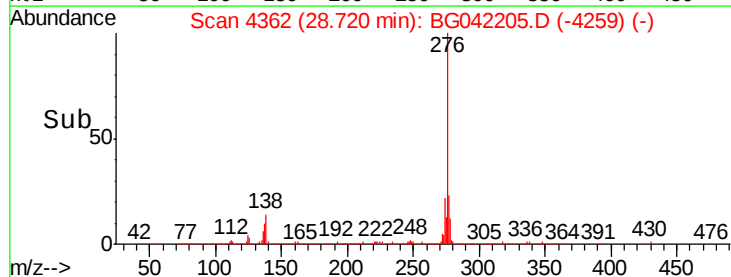
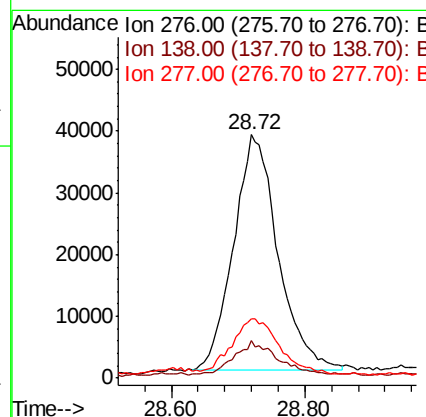
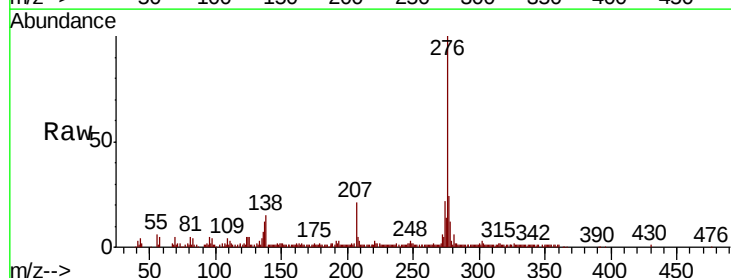
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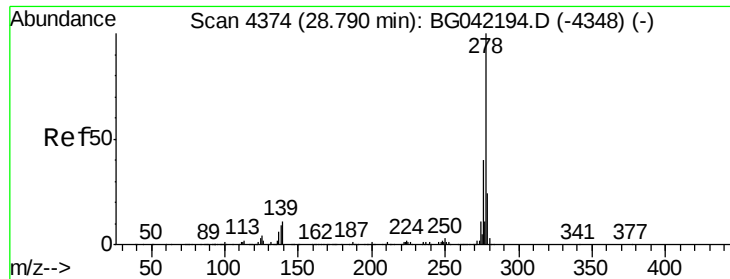
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	6.8	6.5	9.7



#91
Indeno(1,2,3-cd)pyrene
Concen: 3.945 ng/ul
RT: 28.72 min Scan# 4362
Delta R.T. 0.01 min
Lab File: BG042205.D
Acq: 14 Aug 2019 11:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	12.0	18.0
277	24.2	19.2	28.8





#92

Dibenzo(a,h)anthracene

Concen: 1.329 ng/ul

RT: 28.78 min Scan# 4372

Delta R.T. 0.00 min

Lab File: BG042205.D

Acq: 14 Aug 2019 11:15

Instrument :

BNA_G

ClientSampled :

CB5P2

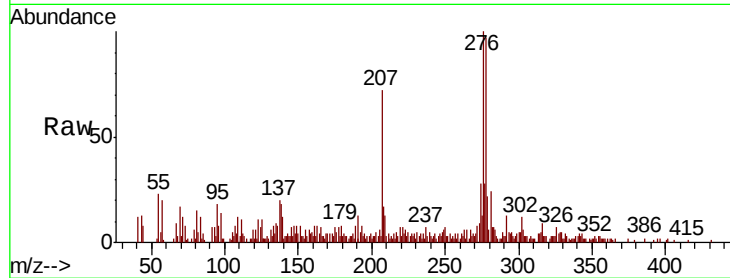
Tot Ion:278 Resp: 48391

Ion Ratio Lower Upper

278 100

139 14.7 9.4 14.0#

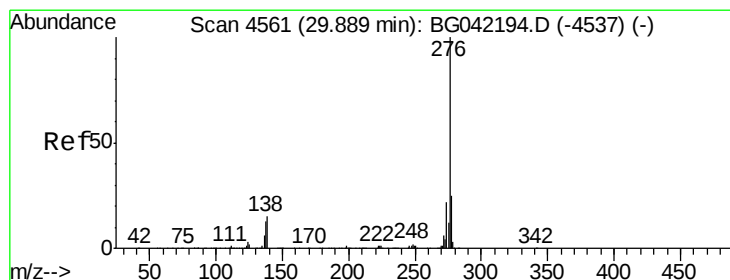
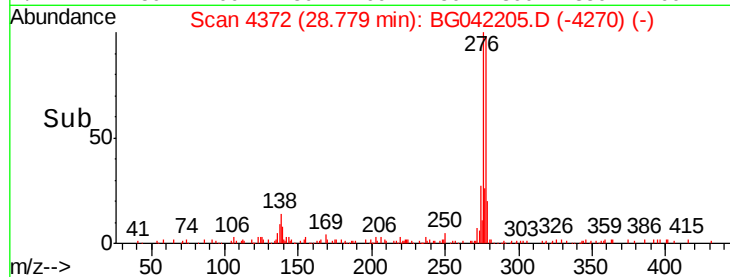
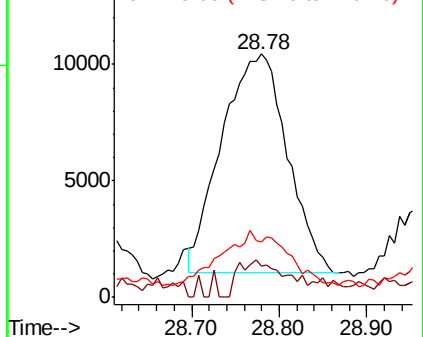
279 23.0 19.2 28.8



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(g,h,i)perylene

Concen: 4.067 ng/ul

RT: 29.89 min Scan# 4561

Delta R.T. 0.01 min

Lab File: BG042205.D

Acq: 14 Aug 2019 11:15

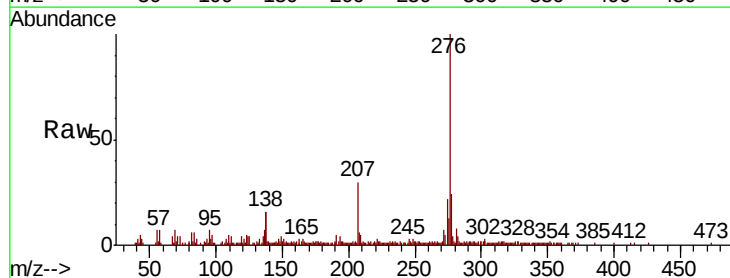
Tgt Ion:276 Resp: 151642

Ion Ratio Lower Upper

276 100

138 15.5 12.6 18.8

277 24.2 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

