

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041953.D
 Acq On : 4 Aug 2019 22:05
 Operator : HP/JU
 Sample : K3962-19
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 05 09:18:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	74975	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	309769	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	211071	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	447904	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	438772	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	489045	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	3774	2.20	ng/uL	0.00
5) Phenol-d5	7.18	99	104891	17.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	57510	17.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	96985	19.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	80390	16.27	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	46963	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	58426	21.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	108843	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	102114	16.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	353602	21.60	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	398231	21.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	39962	14.54	ng/ul	0.00
57) Fluorene-d10	15.69	176	314323	21.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	39443	13.73	ng/ul	0.00
70) Anthracene-d10	17.55	188	484863	22.56	ng/ul	0.00
78) Pyrene-d10	19.83	212	551903	22.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	600012	23.49	ng/ul	0.00

Target Compounds

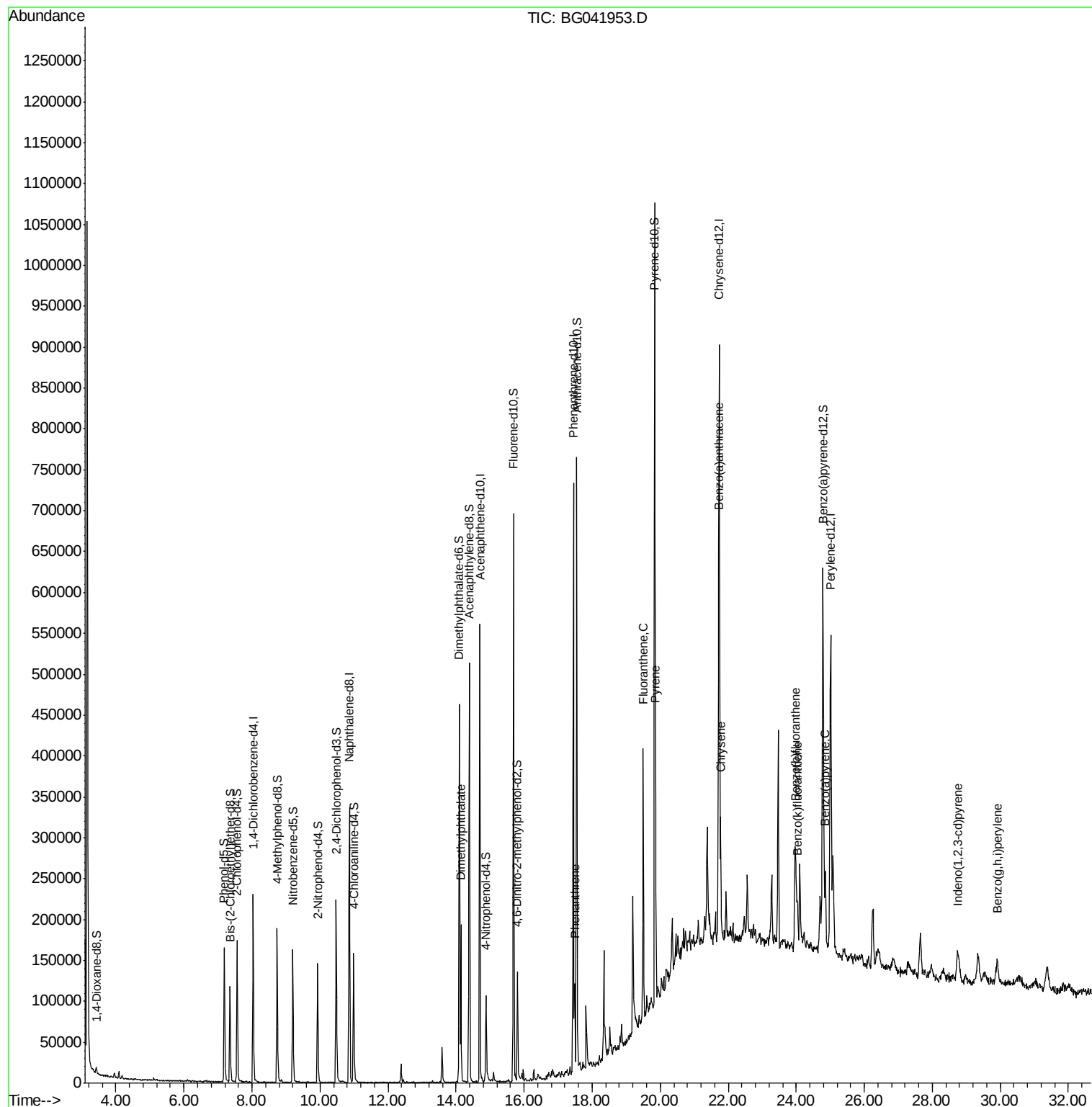
					Ovalue
44) Dimethylphthalate	14.14	163	132180	8.132	ng/ul 98
69) Phenanthrene	17.49	178	71610	2.920	ng/ul 98
76) Fluoranthene	19.50	202	221979	7.835	ng/ul 97
79) Pyrene	19.86	202	196007	6.641	ng/ul 96
82) Benzo(a)anthracene	21.71	228	111108	3.652	ng/ul 97
84) Chrysene	21.78	228	119807	4.219	ng/ul 97
87) Benzo(b)fluoranthene	23.97	252	179007	5.833	ng/ul 99
88) Benzo(k)fluoranthene	24.03	252	60368	2.046	ng/ul 99
90) Benzo(a)pyrene	24.86	252	117705	4.025	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	28.74	276	73559	2.156	ng/ul 96
93) Benzo(g,h,i)perylene	29.90	276	65015	2.283	ng/ul 96

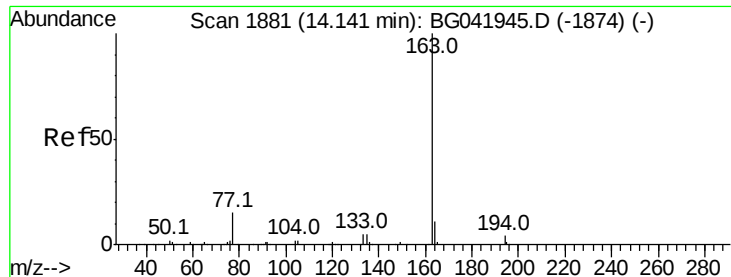
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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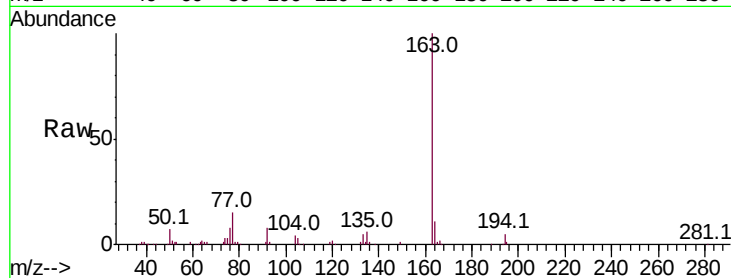




#44
Dimethylphthalate
Concen: 8.132 ng/ul
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG041953.D
Acq: 4 Aug 2019 22:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	10.9	7.8	11.8

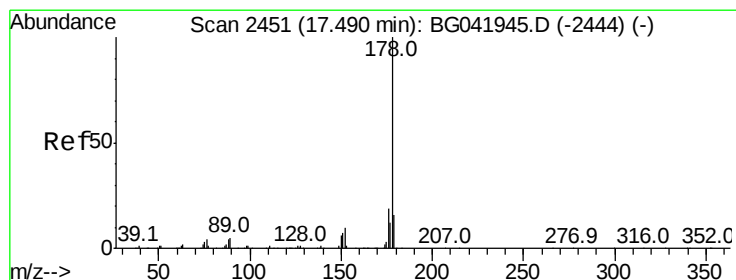
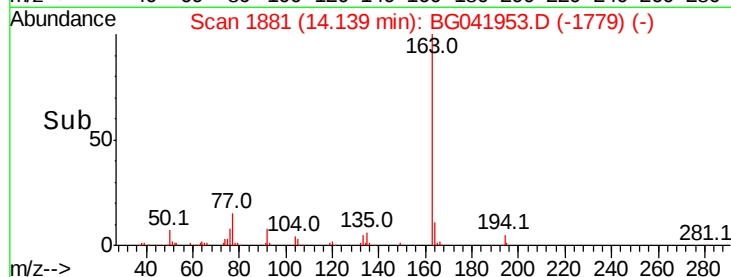
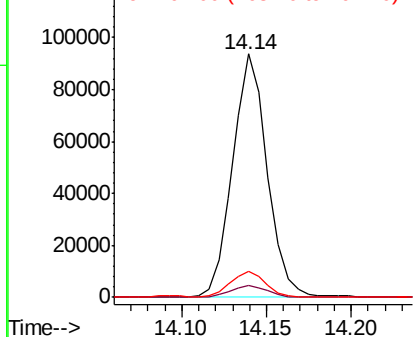


Abundance

Ion 163.00 (162.70 to 163.70): E

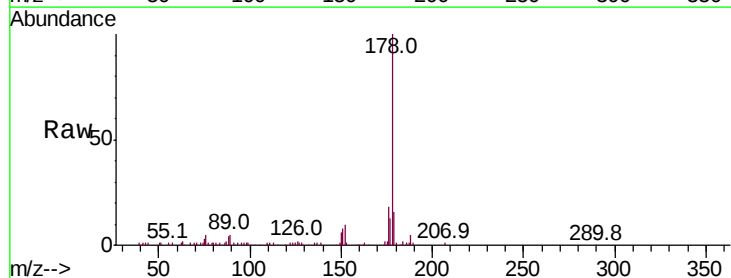
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 2.920 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG041953.D
Acq: 4 Aug 2019 22:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	18.4	15.4	23.2

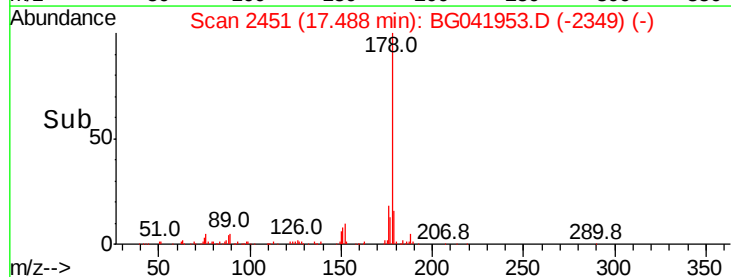
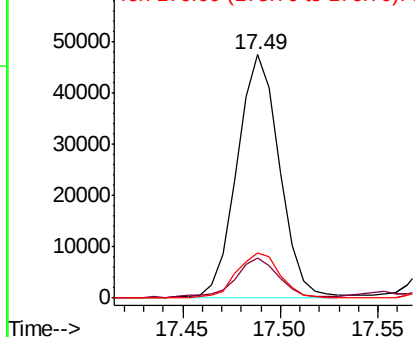


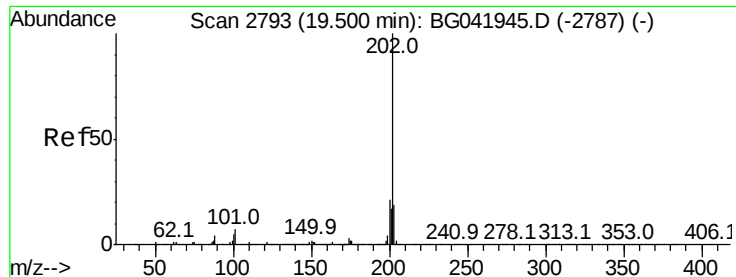
Abundance

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

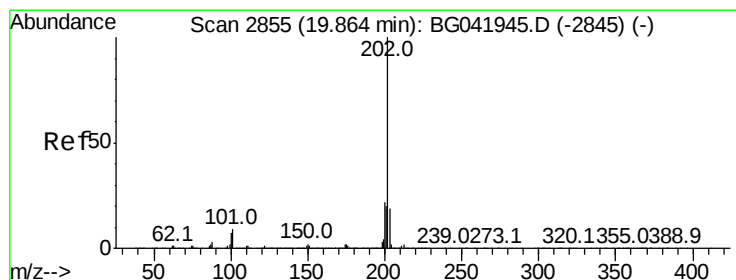
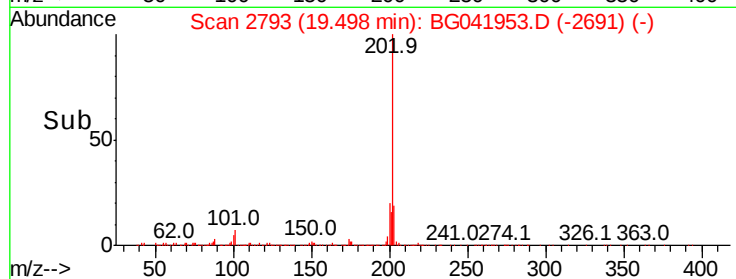
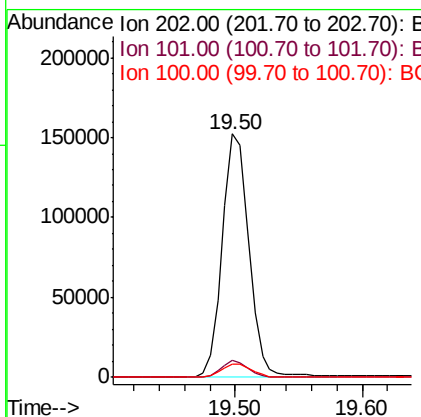
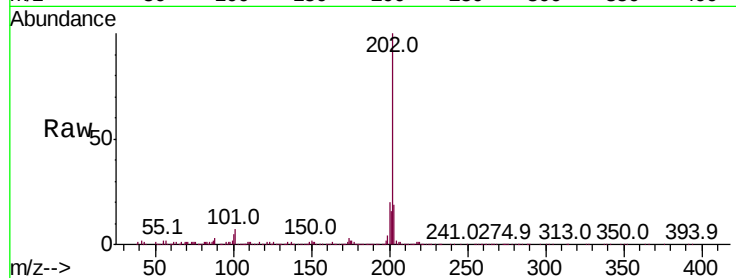




#76
 Fluoranthene
 Concen: 7.835 ng/ul
 RT: 19.50 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: BG041953.D
 Acq: 4 Aug 2019 22:05

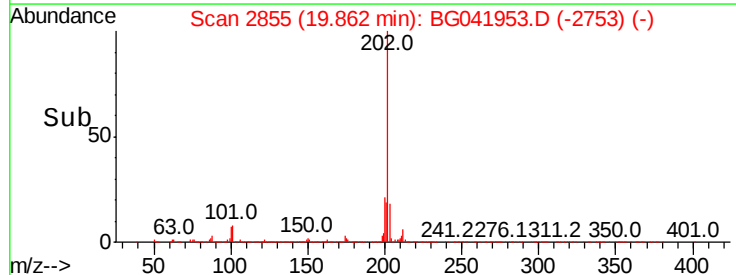
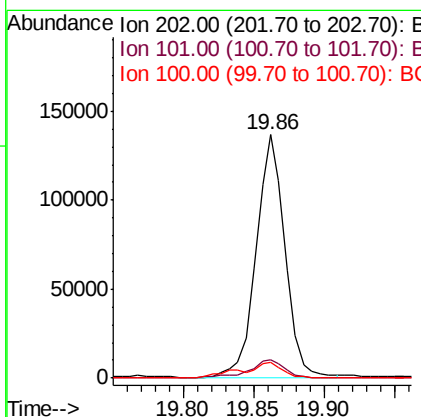
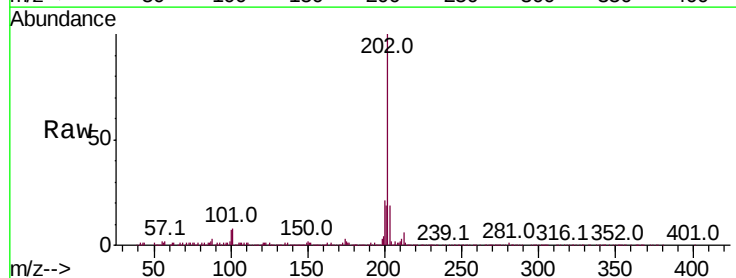
Instrument :
 BNA_G
 ClientSampled :

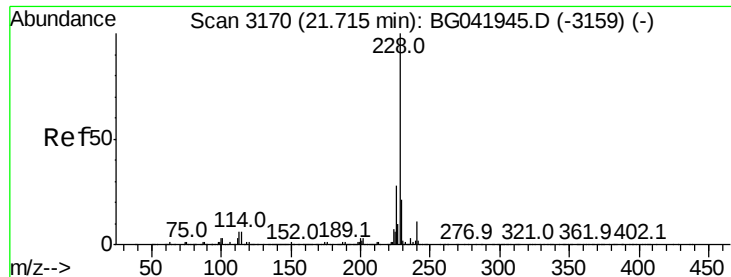
Tot Ion:	202	Resp:	221979
Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.7	10.1
100	5.5	5.3	7.9



#79
 Pyrene
 Concen: 6.641 ng/ul
 RT: 19.86 min Scan# 2855
 Delta R.T. -0.00 min
 Lab File: BG041953.D
 Acq: 4 Aug 2019 22:05

Tgt Ion:	202	Resp:	196007
Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.6	11.4
100	6.7	6.5	9.7





#82

Benzo(a)anthracene

Concen: 3.652 ng/ul

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG041953.D

Acq: 4 Aug 2019 22:05

Instrument :

BNA_G

ClientSampleId :

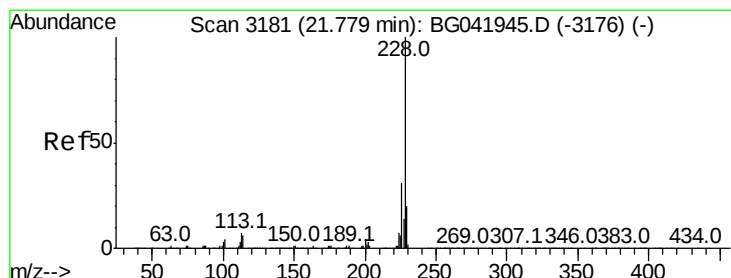
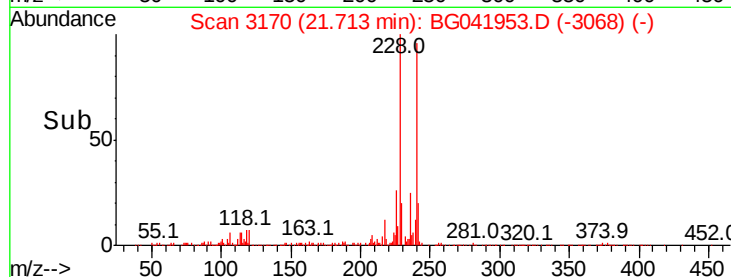
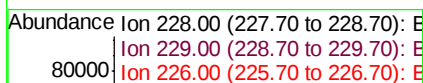
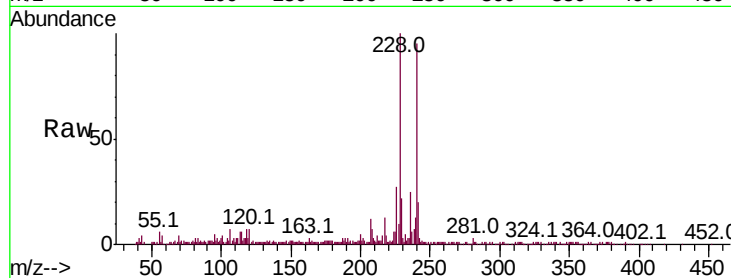
Tot Ion:228 Resp: 111108

Ion	Ratio	Lower	Upper
228	100		
229	22.3	17.0	25.6
226	26.8	23.3	34.9

228 100

229 22.3 17.0 25.6

226 26.8 23.3 34.9



#84

Chrysene

Concen: 4.219 ng/ul

RT: 21.78 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BG041953.D

Acq: 4 Aug 2019 22:05

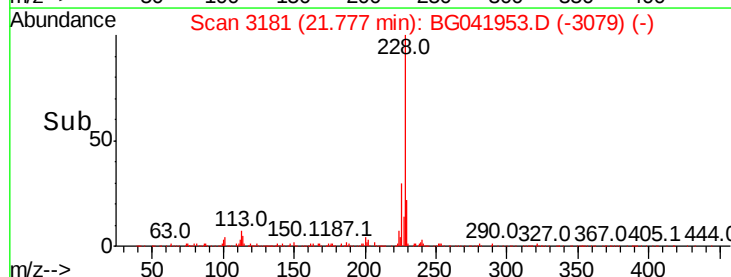
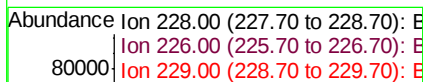
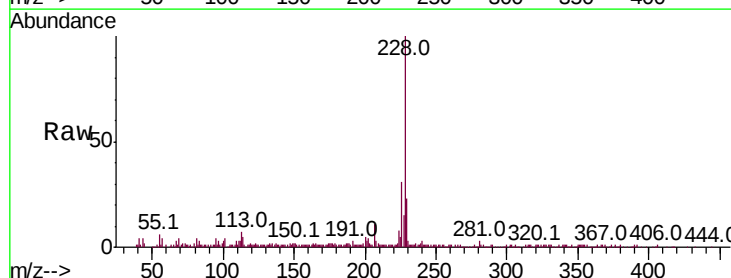
Tgt Ion:228 Resp: 119807

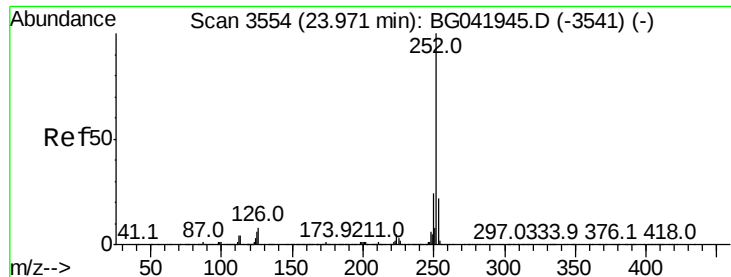
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.7	38.5
229	22.6	16.6	24.8

228 100

226 31.1 25.7 38.5

229 22.6 16.6 24.8





#87

Benzo(b)fluoranthene

Concen: 5.833 ng/ul

RT: 23.97 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BG041953.D

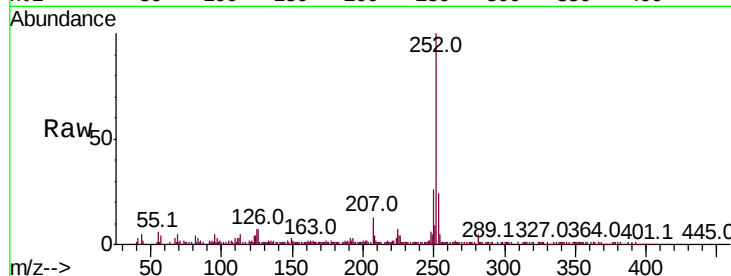
Acq: 4 Aug 2019 22:05

Instrument :

BNA_G

ClientSampleId :

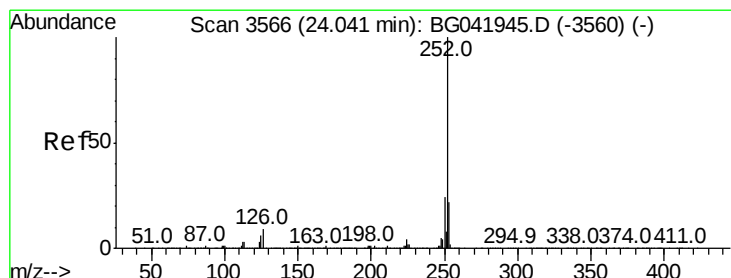
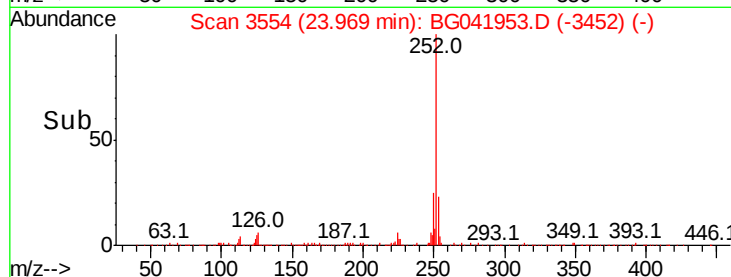
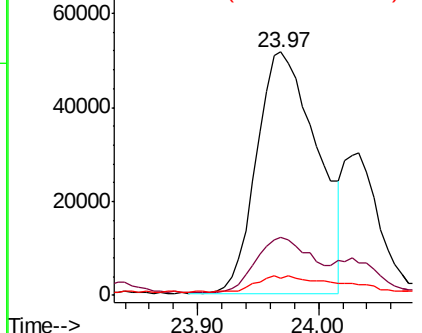
Tot Ion:252	Resp:	179007
Ion Ratio	Lower	Upper
252	100	
253	23.8	18.4 27.6
125	7.2	5.8 8.8



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: 2.046 ng/ul

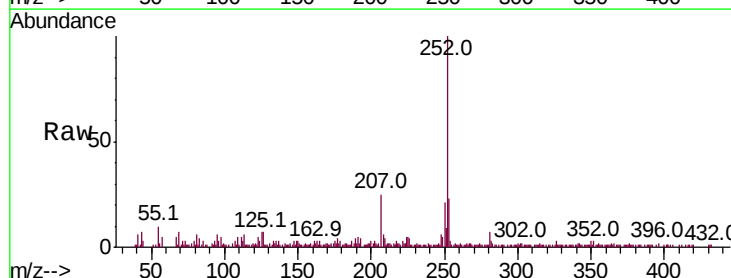
RT: 24.03 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BG041953.D

Acq: 4 Aug 2019 22:05

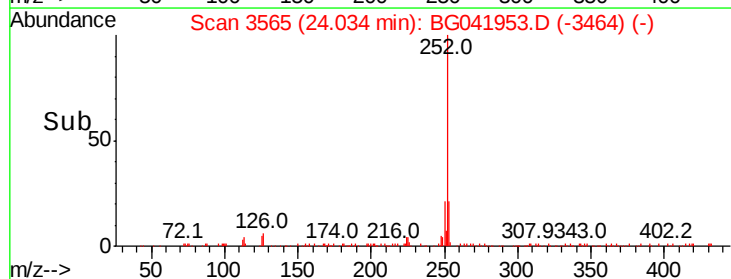
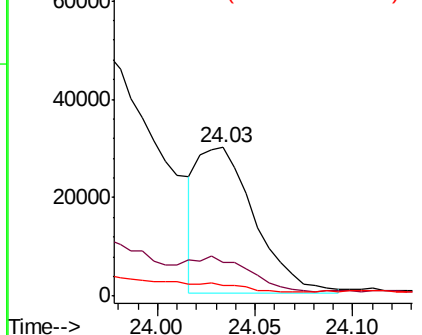
Tgt Ion:252	Resp:	60368
Ion Ratio	Lower	Upper
252	100	
253	23.1	18.3 27.5
125	7.4	5.5 8.3

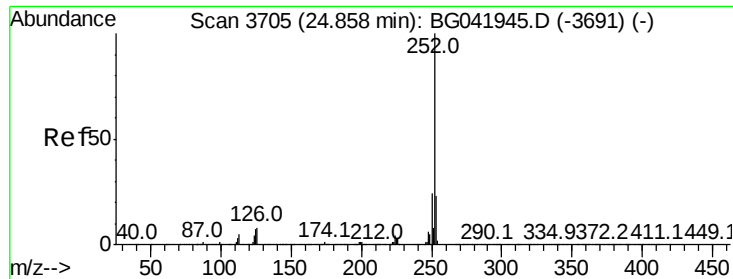


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 4.025 ng/ul

RT: 24.86 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG041953.D

Acq: 4 Aug 2019 22:05

Instrument :

BNA_G

ClientSampleId :

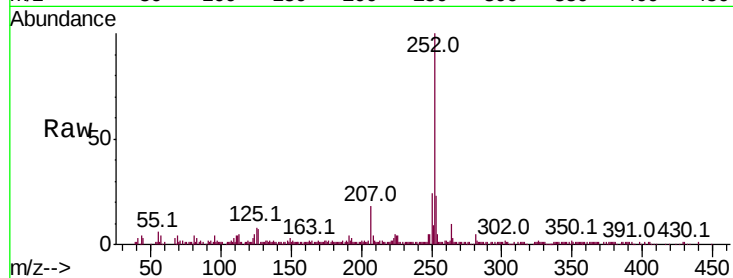
Tot Ion:252 Resp: 117705

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	7.9	6.5	9.7

252 100

253 23.1 18.3 27.5

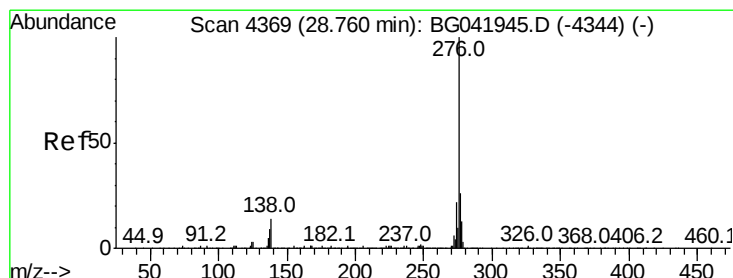
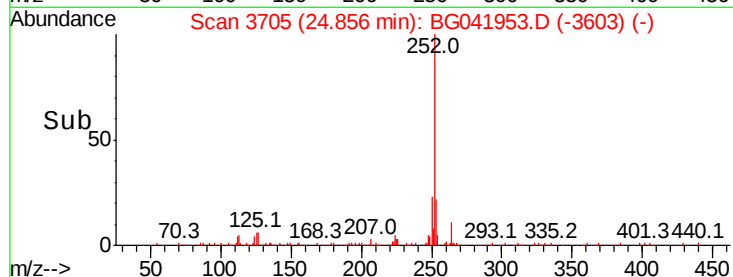
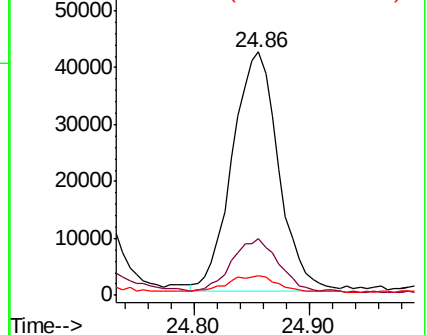
125 7.9 6.5 9.7



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: 2.156 ng/ul

RT: 28.74 min Scan# 4366

Delta R.T. -0.02 min

Lab File: BG041953.D

Acq: 4 Aug 2019 22:05

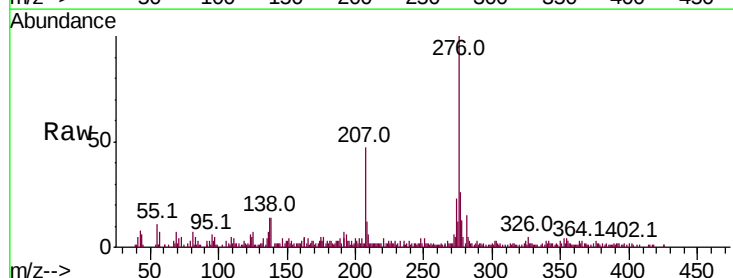
Tgt Ion:276 Resp: 73559

Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.0	18.0
277	26.4	19.2	28.8

276 100

138 13.8 12.0 18.0

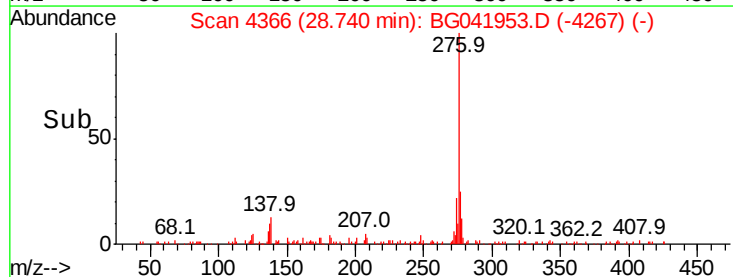
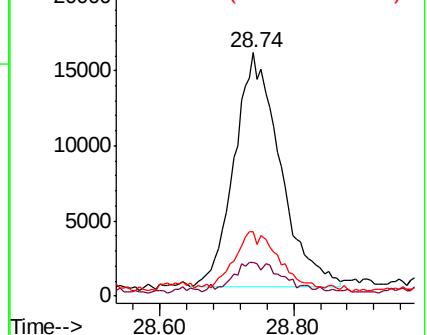
277 26.4 19.2 28.8

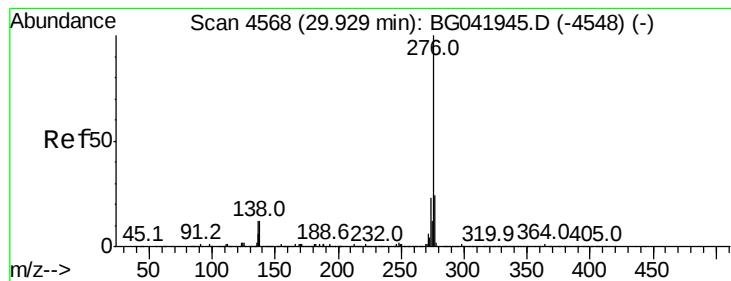


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 2.283 ng/ul

RT: 29.90 min Scan# 4564

Delta R.T. -0.03 min

Lab File: BG041953.D

Acq: 4 Aug 2019 22:05

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ClientSampleId :

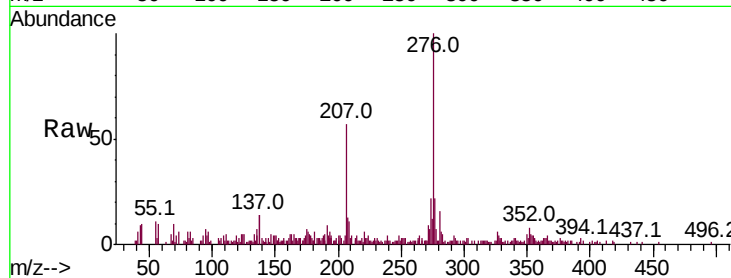
Tot Ion: 276 Resp: 65015

Ion Ratio Lower Upper

276 100

138 14.2 12.6 18.8

277 22.3 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

