

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 :
 BENZ5

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

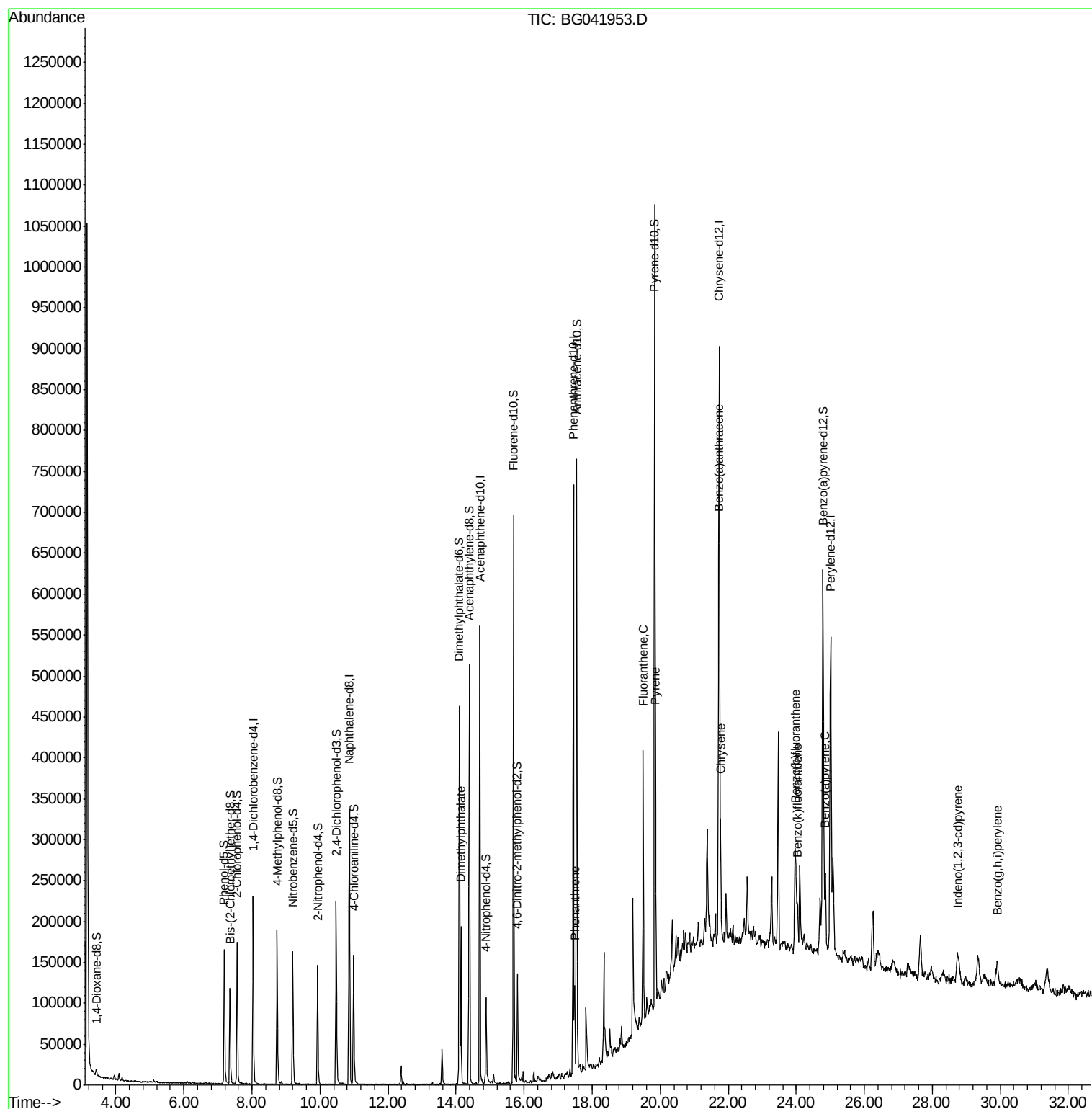
					Ovalue
44) Dimethylphthalate	14.14	163	132180	8.132	ng/ul 98
69) Phenanthrene	17.49	178	71610	2.920	ng/ul 98
76) Fluoranthene	19.50	202	221979	7.835	ng/ul 97
79) Pyrene	19.86	202	196007	6.641	ng/ul 96
82) Benzo(a)anthracene	21.71	228	111108	3.652	ng/ul 97
84) Chrysene	21.78	228	119807	4.219	ng/ul 97
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

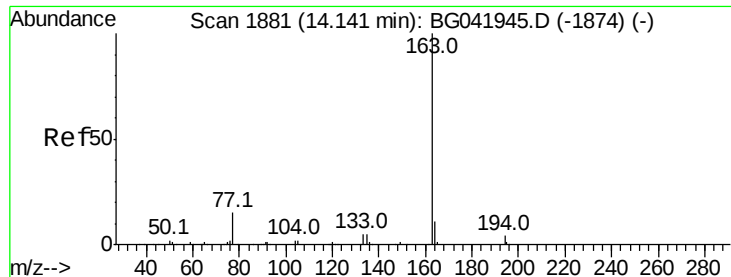
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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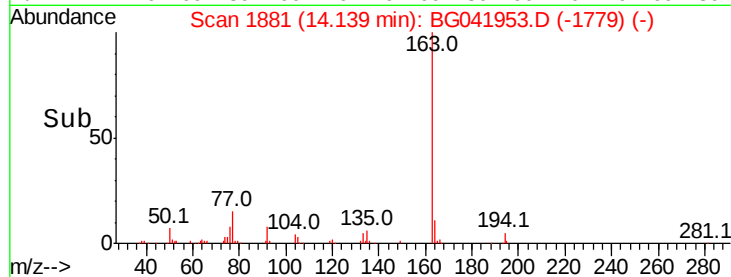
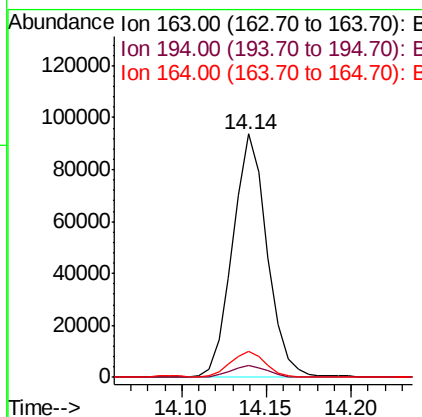
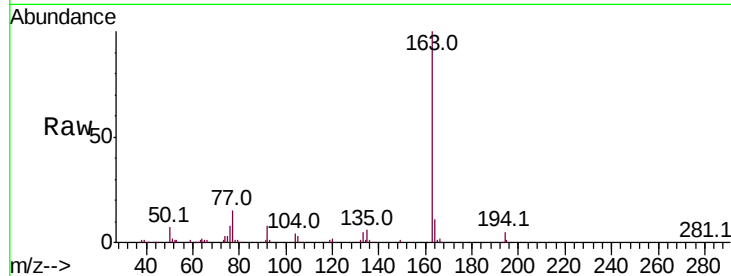




#44
 Dimethylphthalate
 Concen: 8.132 ng/ul
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG041953.D
 Acq: 4 Aug 2019 22:05

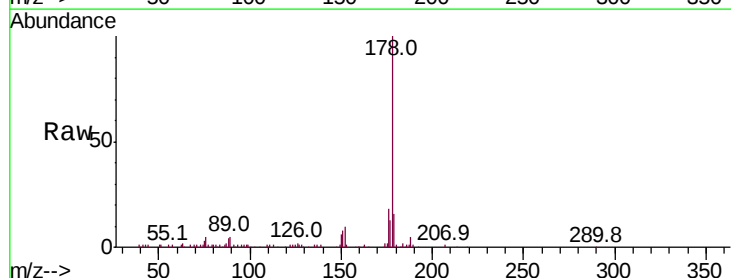
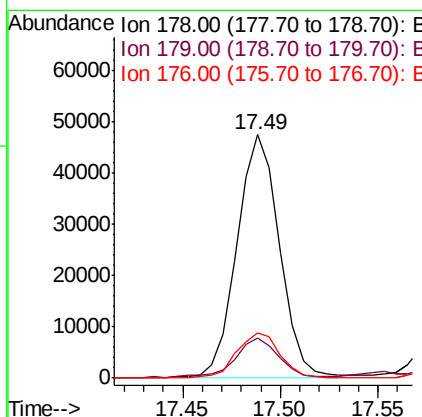
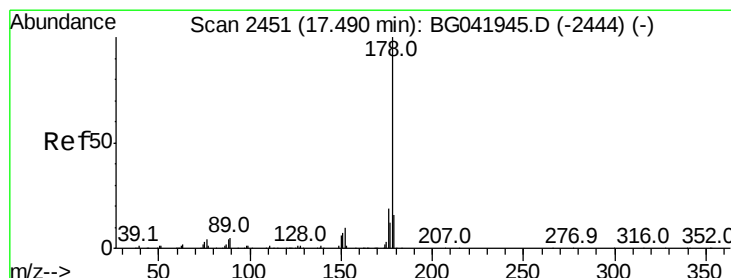
Instrument :
 BNA_G
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 BENZ5

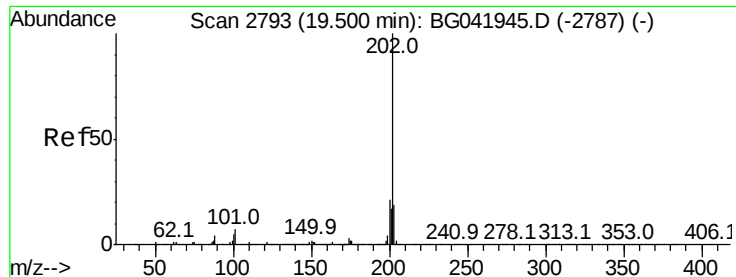
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	10.9	7.8	11.8



#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

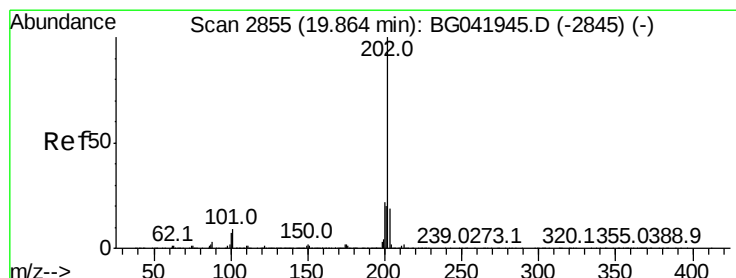
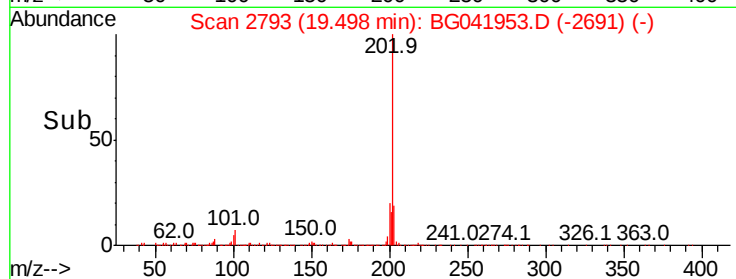
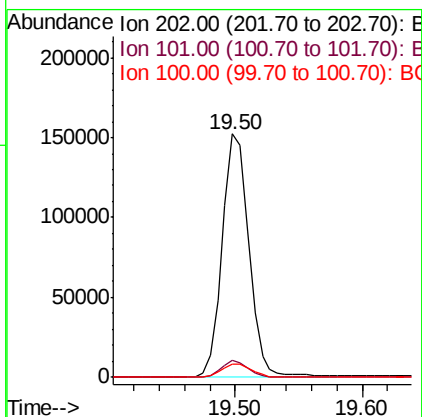
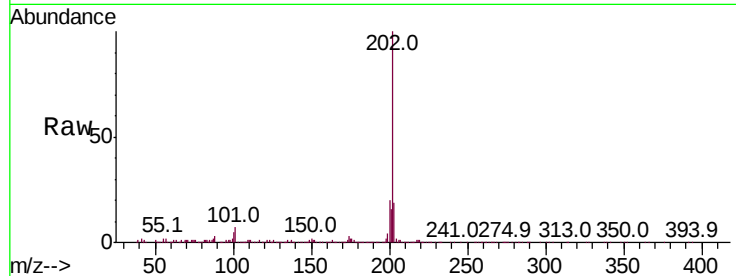




#76
Fluoranthene
Concen: 7.835 ng/ul
RT: 19.50 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BG041953.D
Acq: 4 Aug 2019 22:05

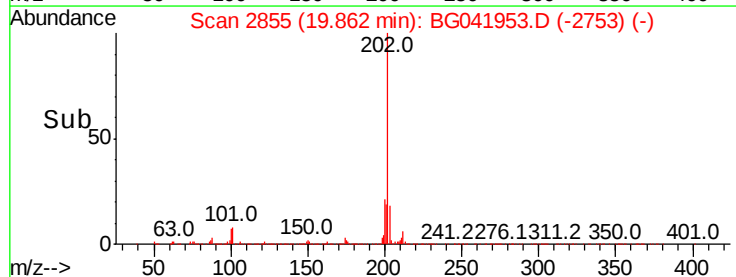
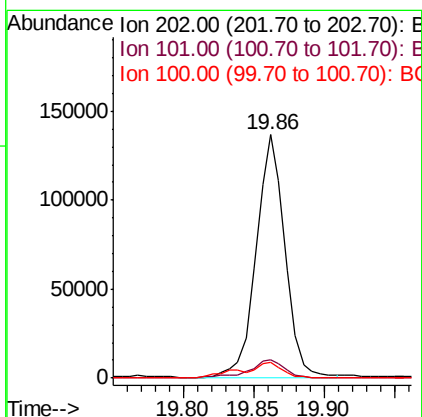
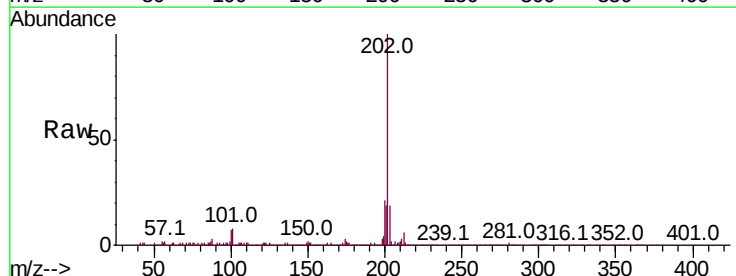
Instrument :
BNA_G
ClientSampleId :
BENZ5

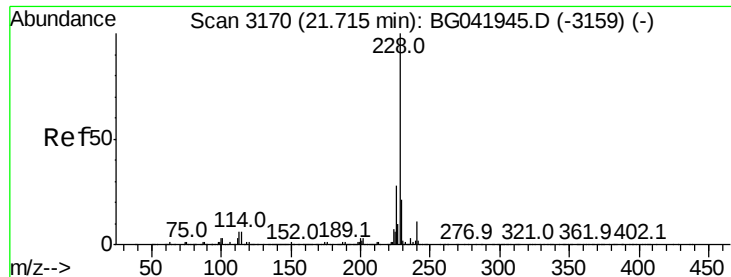
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.7	10.1
100	5.5	5.3	7.9



#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	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 :

BENZ5

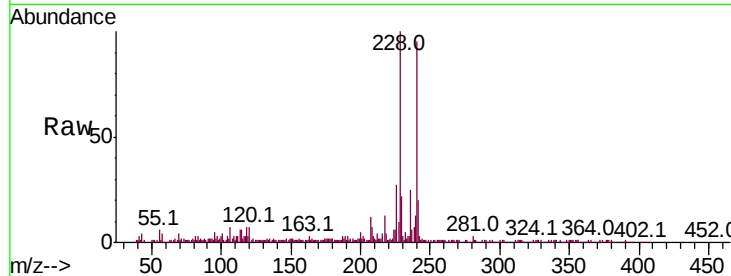
Tot Ion:228 Resp: 111108

Ion Ratio Lower Upper

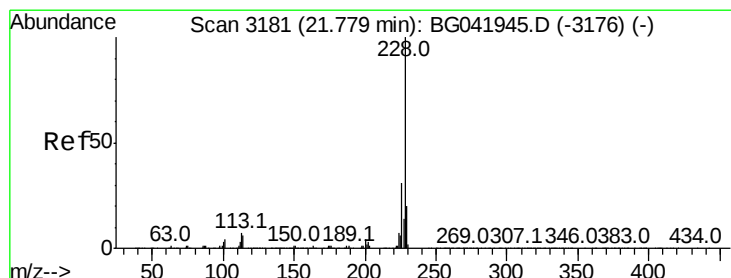
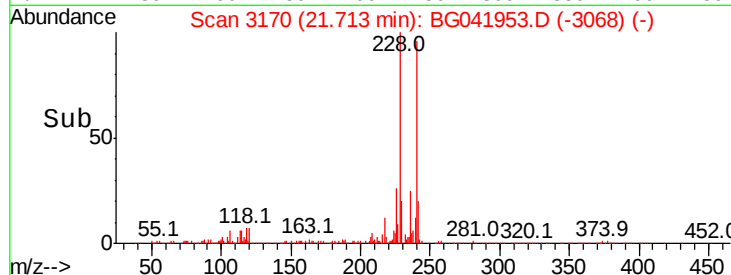
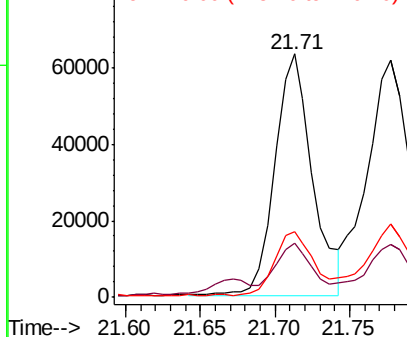
228 100

229 22.3 17.0 25.6

226 26.8 23.3 34.9



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: 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

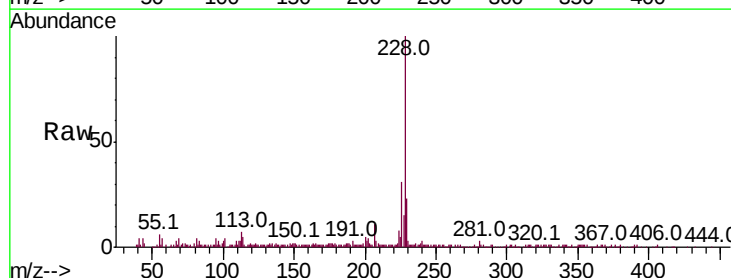
Tgt Ion:228 Resp: 119807

Ion Ratio Lower Upper

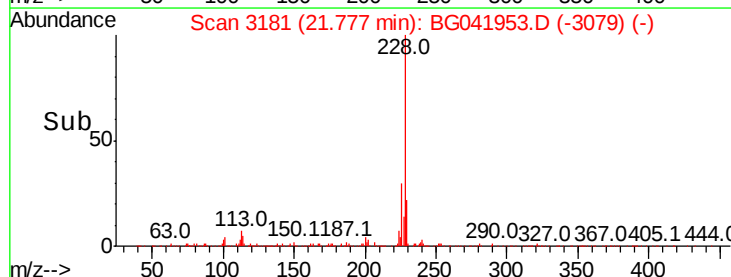
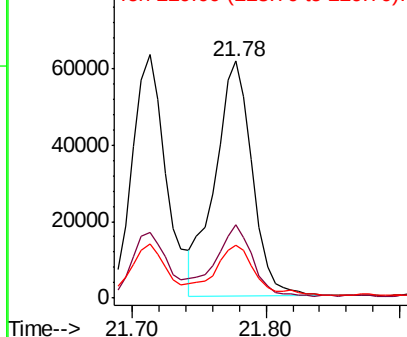
228 100

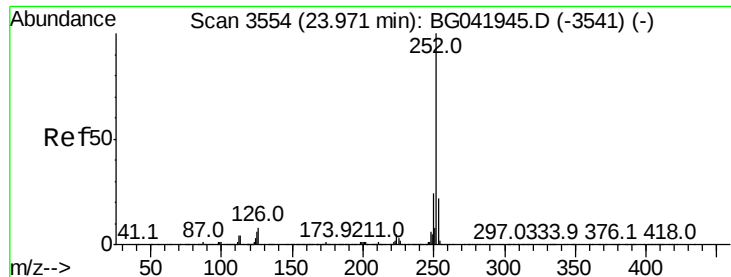
226 31.1 25.7 38.5

229 22.6 16.6 24.8



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: 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 :

BENZ5

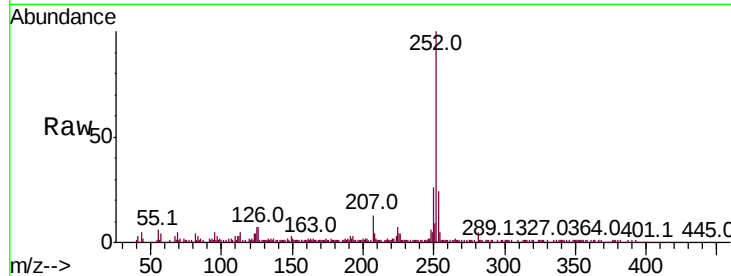
Tot Ion:252 Resp: 179007

Ion Ratio Lower Upper

252 100

253 23.8 18.4 27.6

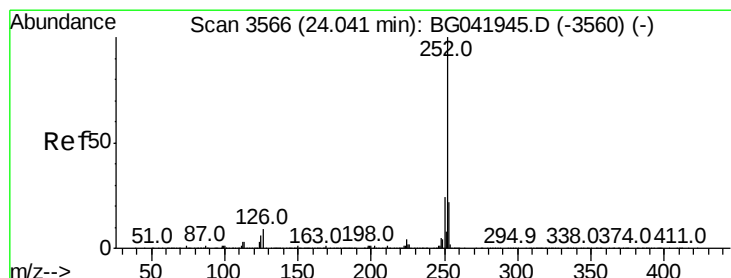
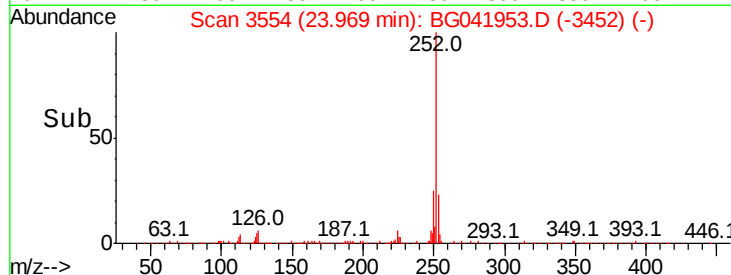
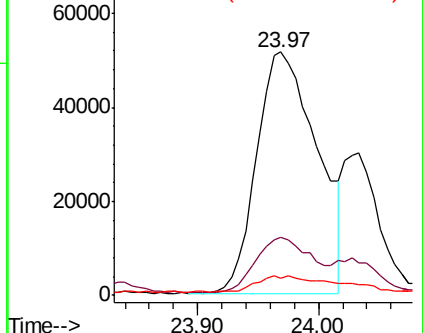
125 7.2 5.8 8.8



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

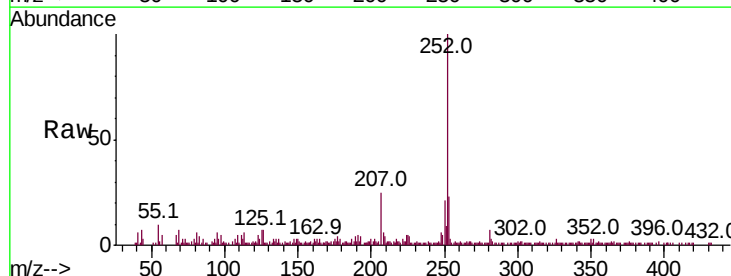
Tgt Ion:252 Resp: 60368

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

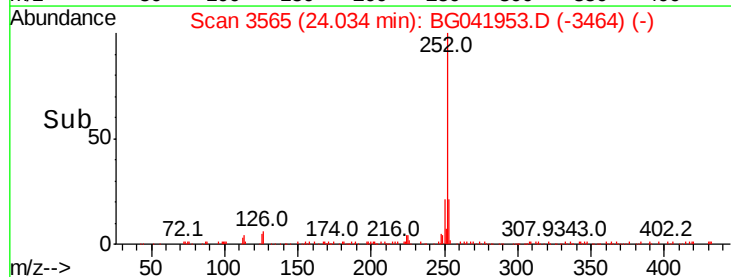
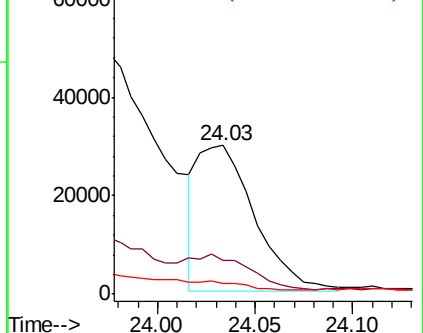
125 7.4 5.5 8.3

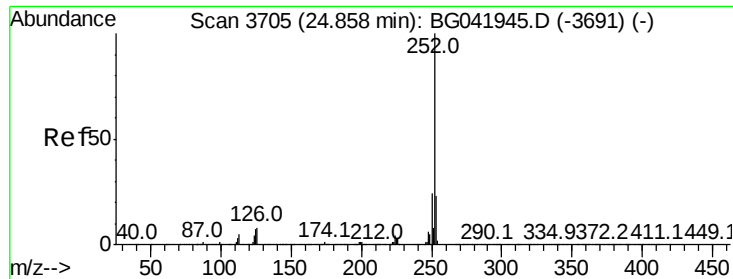


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

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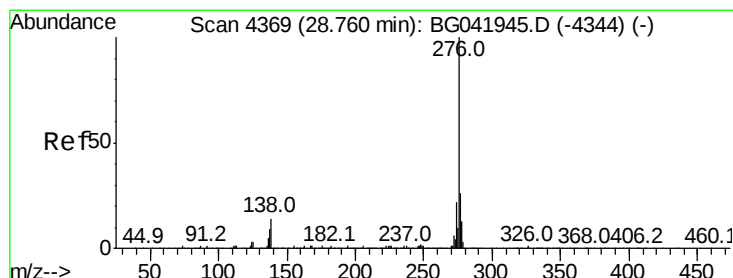
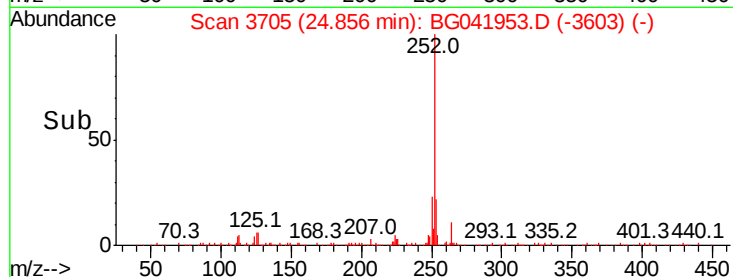
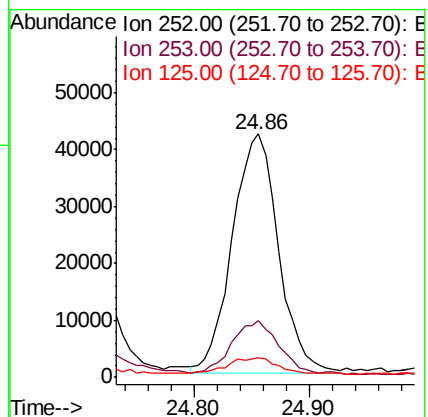
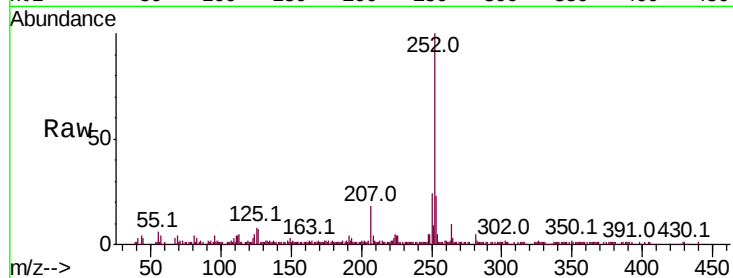
Tot Ion:252 Resp: 117705

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



#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

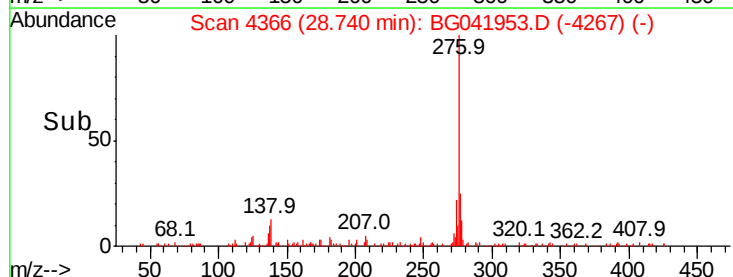
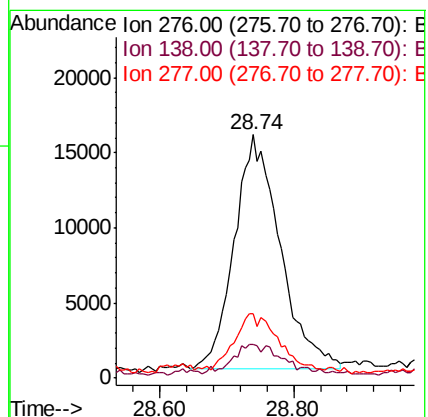
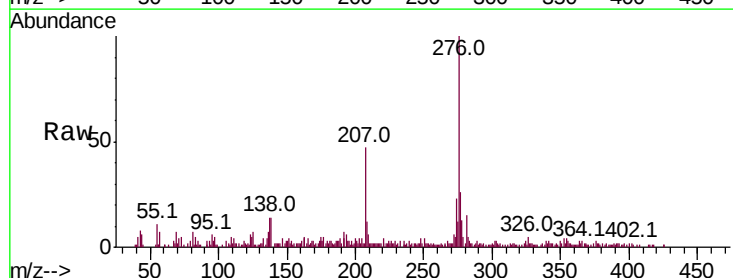
Tgt Ion:276 Resp: 73559

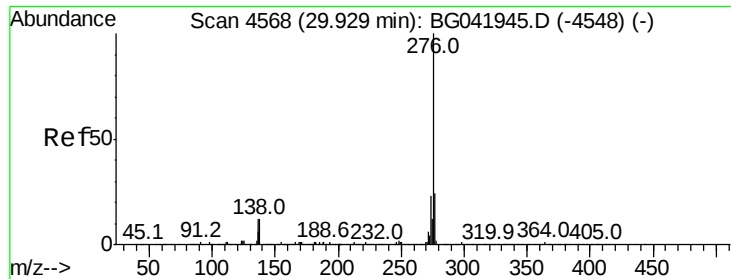
Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.0	18.0
277	26.4	19.2	28.8

276 100

138 13.8 12.0 18.0

277 26.4 19.2 28.8





#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

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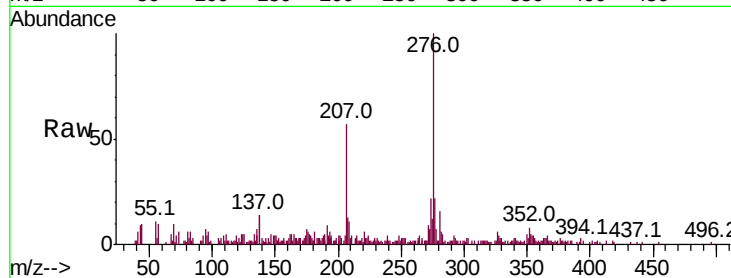
Tot Ion: 276 Resp: 65015

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

