

Data File : BG042042.D
Acq On : 7 Aug 2019 22:04
Operator : HP/JU
Sample : K4028-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENW3

Quant Time: Aug 08 01:41:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	80933	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	333399	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	235697	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	510162	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	494995	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	583181	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4497	2.43	ng/uL	0.00
5) Phenol-d5	7.17	99	91627	14.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	53194	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	89824	16.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	64657	12.13	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	45064	17.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	54888	18.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	100792	17.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	105524	16.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	351500	19.23	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	398259	19.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	465	0.15	ng/ul	0.09
57) Fluorene-d10	15.68	176	311061	19.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	38891	11.88	ng/ul	0.00
70) Anthracene-d10	17.54	188	494560	20.21	ng/ul	0.00
78) Pyrene-d10	19.82	212	579283	20.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	648339	21.28	ng/ul	0.00

Target Compounds

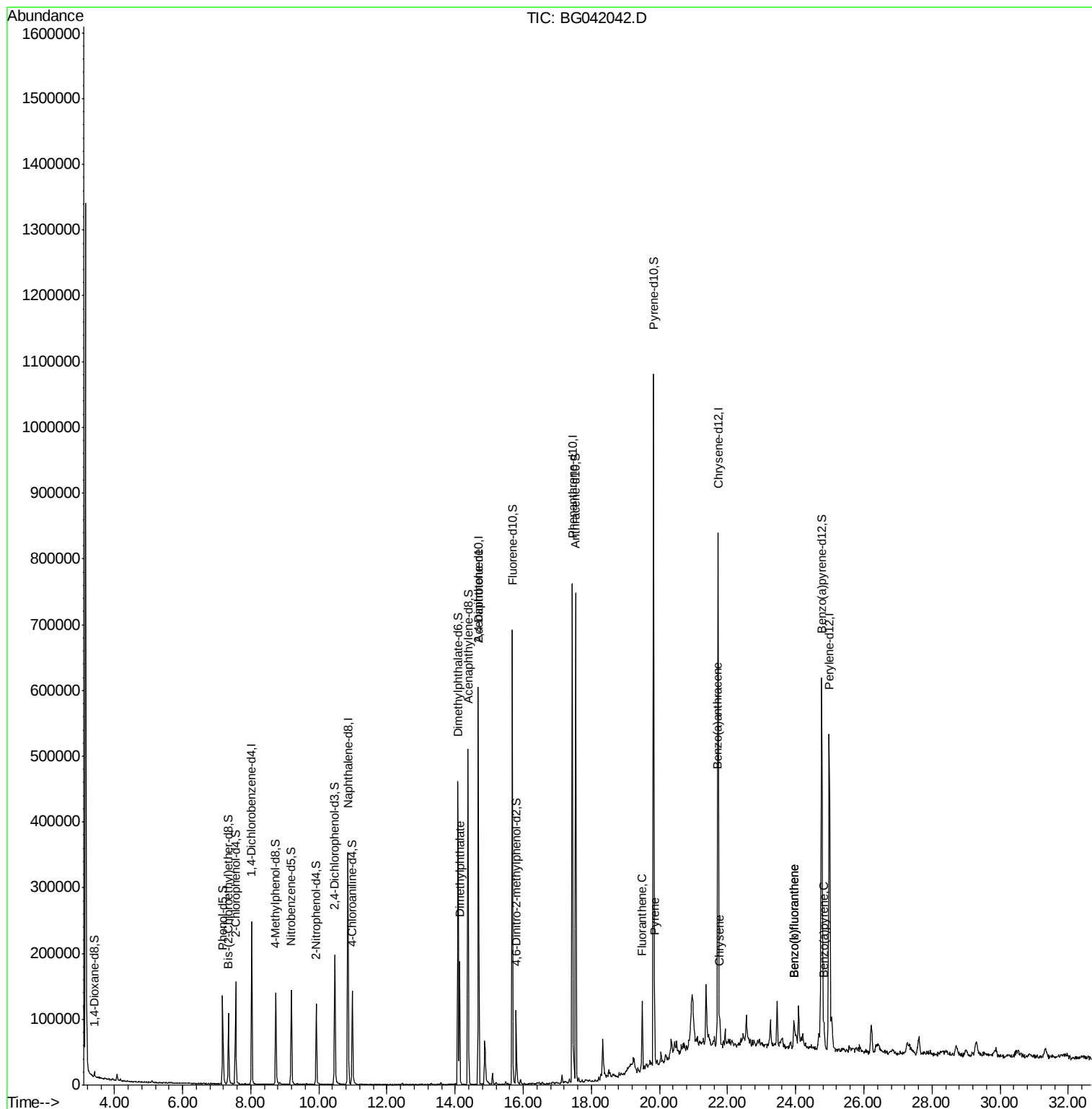
					Qvalue	
44) Dimethylphthalate	14.13	163	139259	7.673	ng/ul	99
54) 2,4-Dinitrotoluene	14.68	165	30467	5.308	ng/ul#	44
76) Fluoranthene	19.49	202	65169	2.020	ng/ul	98
79) Pyrene	19.85	202	60407	1.814	ng/ul	97
82) Benzo(a)anthracene	21.70	228	38639	1.126	ng/ul	99
84) Chrysene	21.76	228	37662	1.176	ng/ul	96
87) Benzo(b)fluoranthene	23.96	252	47873	1.308	ng/ul	99
88) Benzo(k)fluoranthene	23.96	252	47721	1.356	ng/ul	99
90) Benzo(a)pyrene	24.83	252	38315	1.099	ng/ul#	94

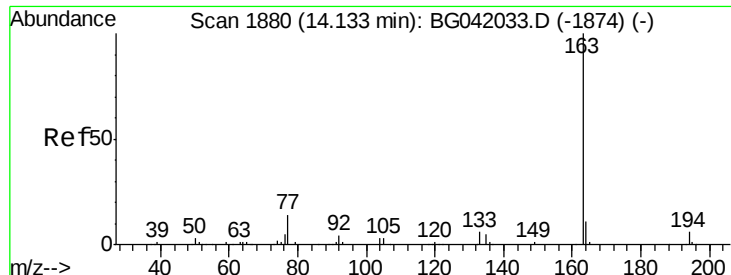
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BG042042.D
Acq On : 7 Aug 2019 22:04
Operator : HP/JU
Sample : K4028-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENW3

Quant Time: Aug 08 01:41:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

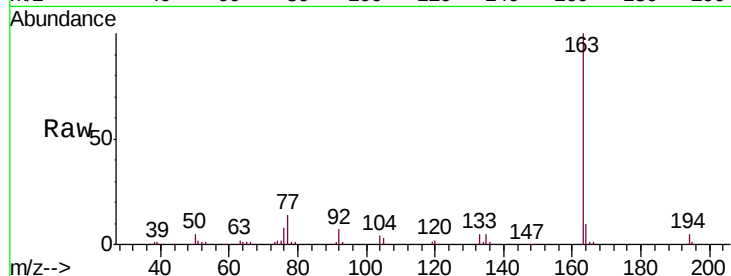




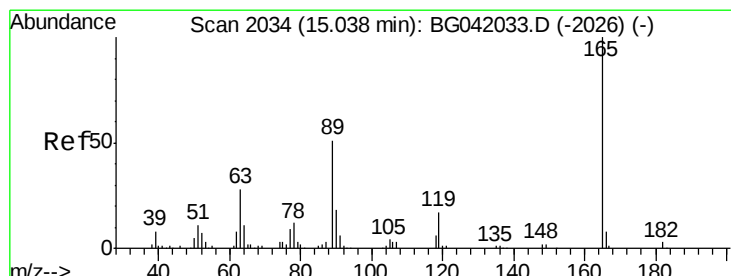
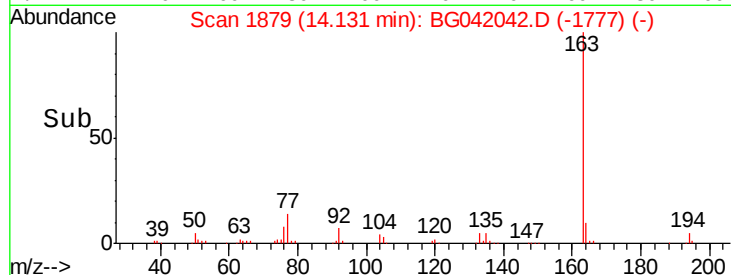
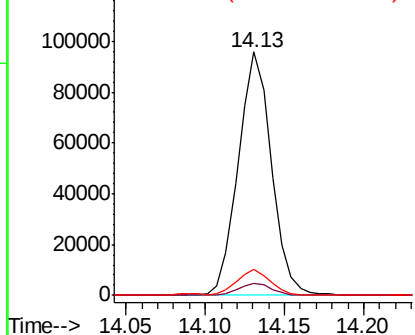
#44
Dimethylphthalate
Concen: 7.673 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042042.D
Acq: 7 Aug 2019 22:04

Instrument :
BNA_G
ClientSampleId :
BENW3

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	10.5	7.8	11.8

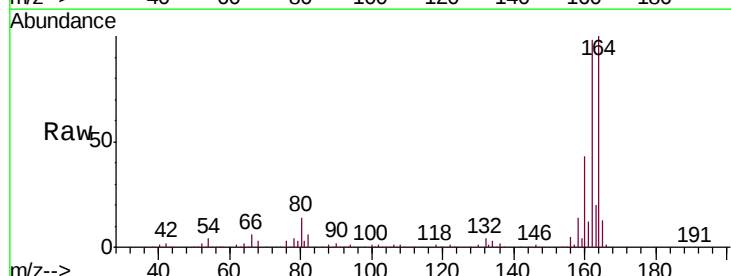


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

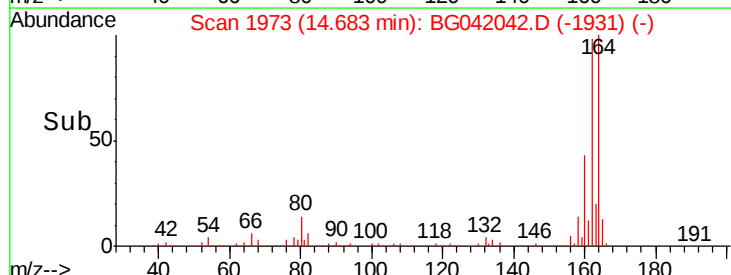
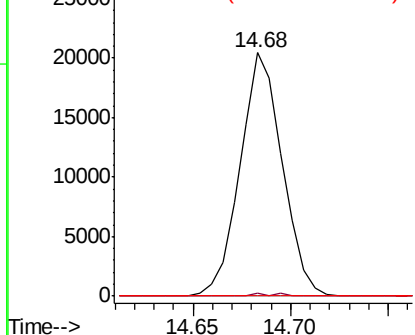


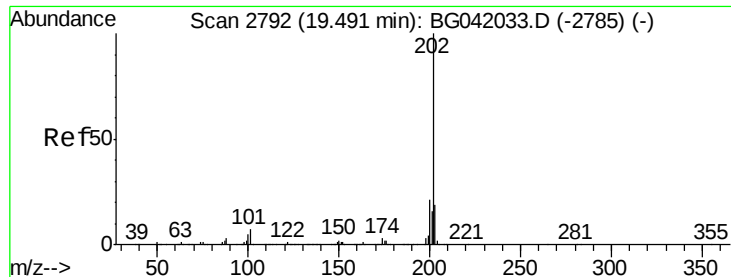
#54
2,4-Dinitrotoluene
Concen: 5.308 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. -0.35 min
Lab File: BG042042.D
Acq: 7 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
182	0.0	2.6	4.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 182.00 (181.70 to 182.70): E





#76

Fluoranthene

Concen: 2.020 ng/ul

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG042042.D

Acq: 7 Aug 2019 22:04

Instrument :

BNA_G

ClientSampleId :

BENW3

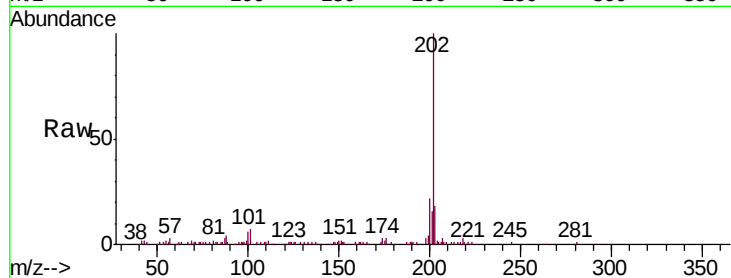
Tgt Ion:202 Resp: 65169

Ion Ratio Lower Upper

202 100

101 7.1 6.7 10.1

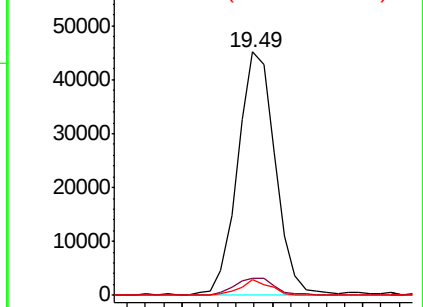
100 6.3 5.3 7.9



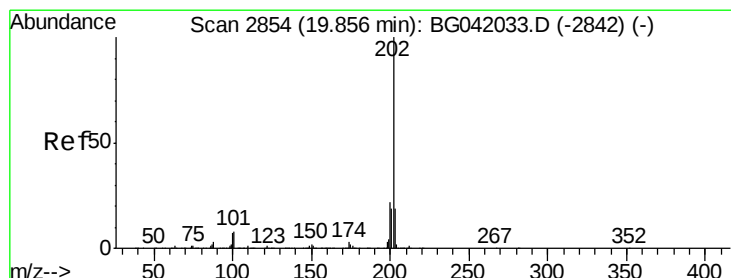
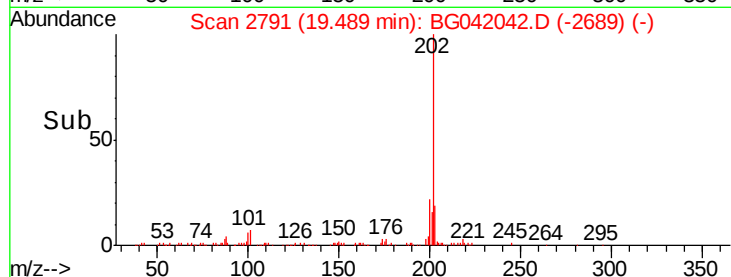
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#79

Pyrene

Concen: 1.814 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG042042.D

Acq: 7 Aug 2019 22:04

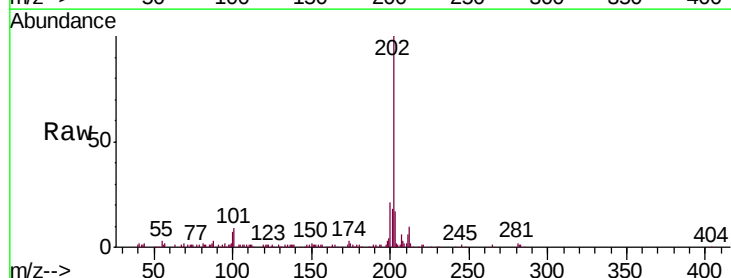
Tgt Ion:202 Resp: 60407

Ion Ratio Lower Upper

202 100

101 8.7 7.6 11.4

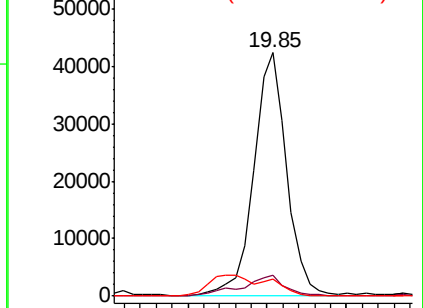
100 6.9 6.5 9.7



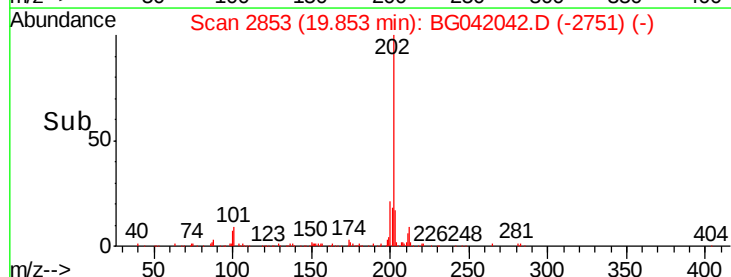
Abundance Ion 202.00 (201.70 to 202.70): E

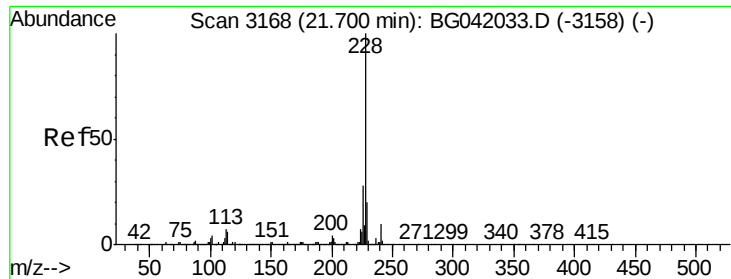
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#82

Benzo(a)anthracene

Concen: 1.126 ng/ul

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042042.D

Acq: 7 Aug 2019 22:04

Instrument :

BNA_G

ClientSampleId :

BENW3

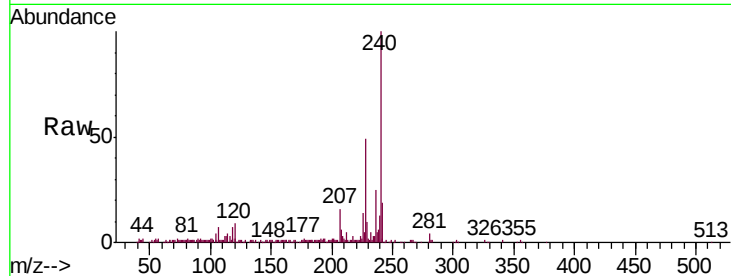
Tgt Ion:228 Resp: 38639

Ion Ratio Lower Upper

228 100

229 21.1 17.0 25.6

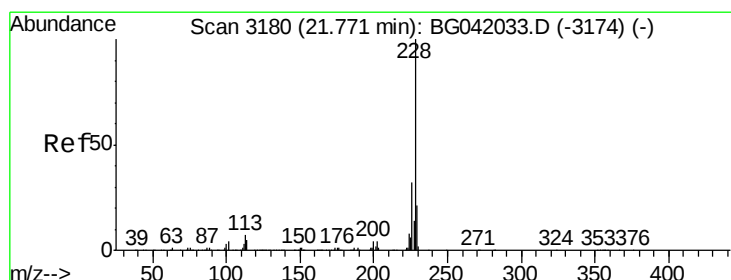
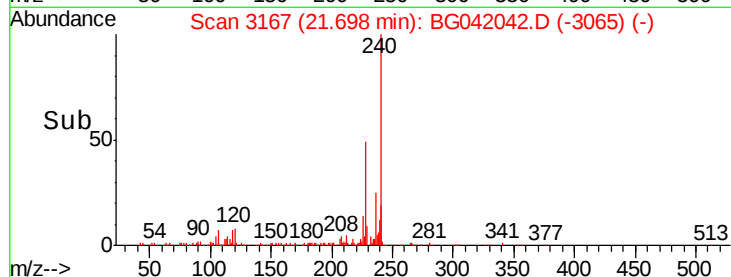
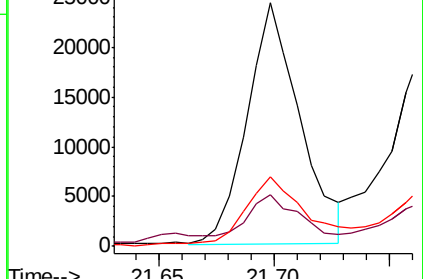
226 28.5 23.3 34.9



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: 1.176 ng/ul

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG042042.D

Acq: 7 Aug 2019 22:04

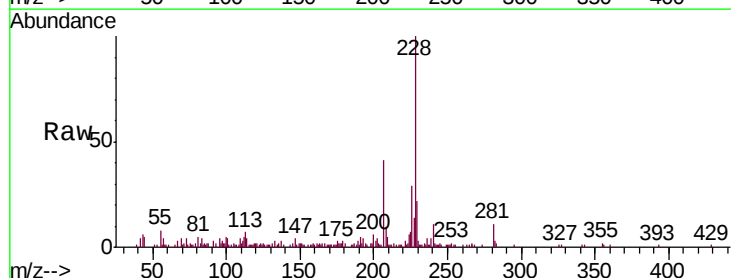
Tgt Ion:228 Resp: 37662

Ion Ratio Lower Upper

228 100

226 29.3 25.7 38.5

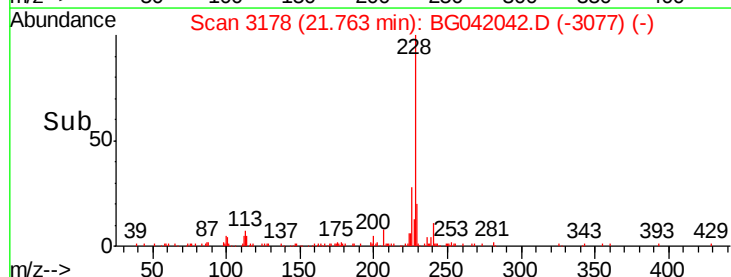
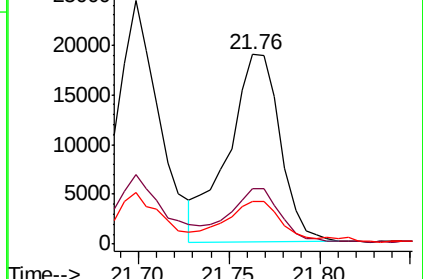
229 22.4 16.6 24.8

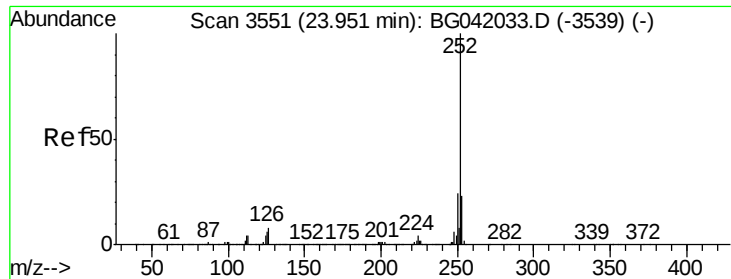


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 1.308 ng/u1

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042042.D

Acq: 7 Aug 2019 22:04

Instrument :

BNA_G

ClientSampleId :

BENW3

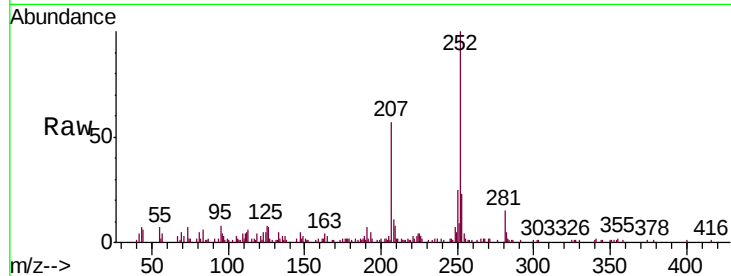
Tgt Ion:252 Resp: 47873

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

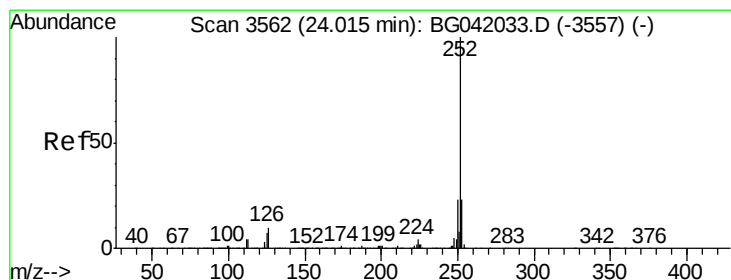
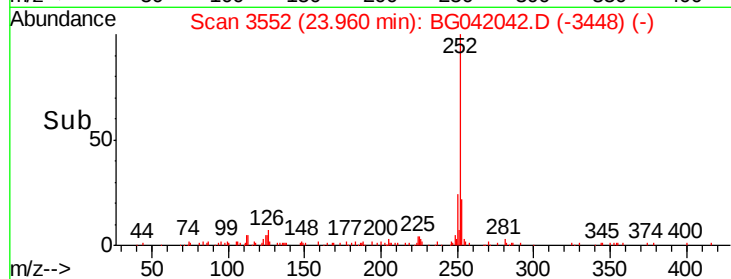
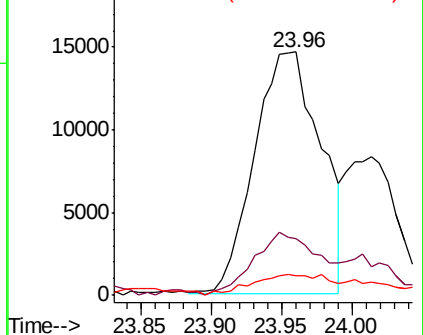
125 8.1 5.8 8.8



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: 1.356 ng/u1

RT: 23.96 min Scan# 3552

Delta R.T. -0.05 min

Lab File: BG042042.D

Acq: 7 Aug 2019 22:04

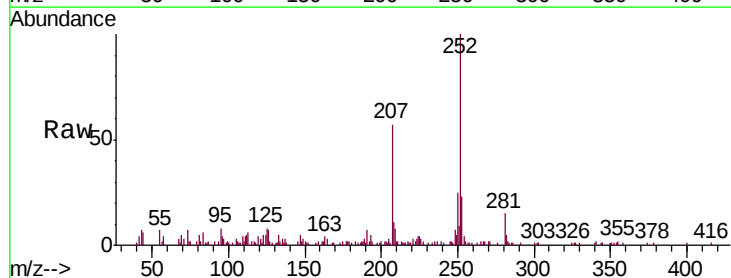
Tgt Ion:252 Resp: 47721

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

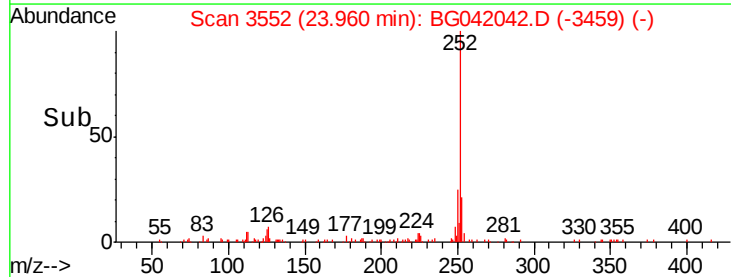
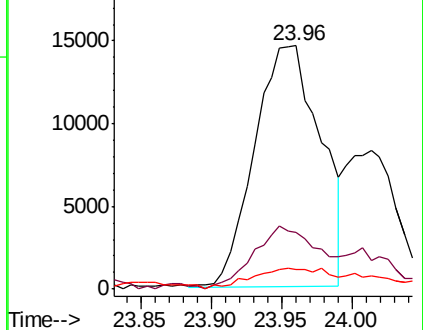
125 8.1 5.5 8.3

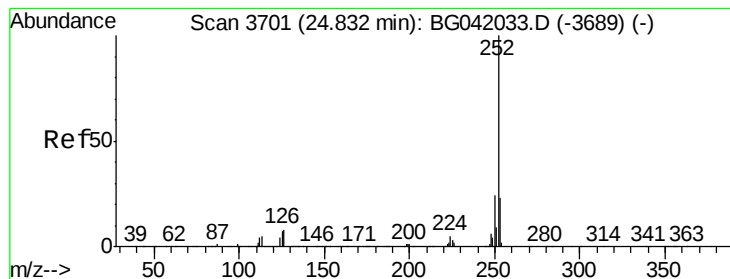


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90
 Benzo(a)pyrene
 Concen: 1.099 ng/ul
 RT: 24.83 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BG042042.D
 Acq: 7 Aug 2019 22:04

Instrument :
 BNA_G
 ClientSampleId :
 BENW3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.0	18.3	27.5
125	5.6	6.5	9.7#

