

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041955.D
 Acq On : 4 Aug 2019 23:21
 Operator : HP/JU
 Sample : K3962-22
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 05 09:18:43 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	8.04	152	73460	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	305612	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	209080	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	443552	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	435888	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	489635	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	5136	3.06	ng/uL	0.00
5) Phenol-d5	7.18	99	112046	19.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	68997	21.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	109173	22.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	79845	16.50	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	55731	24.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	70609	26.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	123598	22.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	123170	20.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	405113	24.98	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	461287	24.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	38638	14.19	ng/ul	0.00
57) Fluorene-d10	15.69	176	359870	24.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	42529	14.94	ng/ul	0.00
70) Anthracene-d10	17.55	188	553660	26.02	ng/ul	0.00
78) Pyrene-d10	19.83	212	643103	26.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	698401	27.30	ng/ul	0.00

Target Compounds

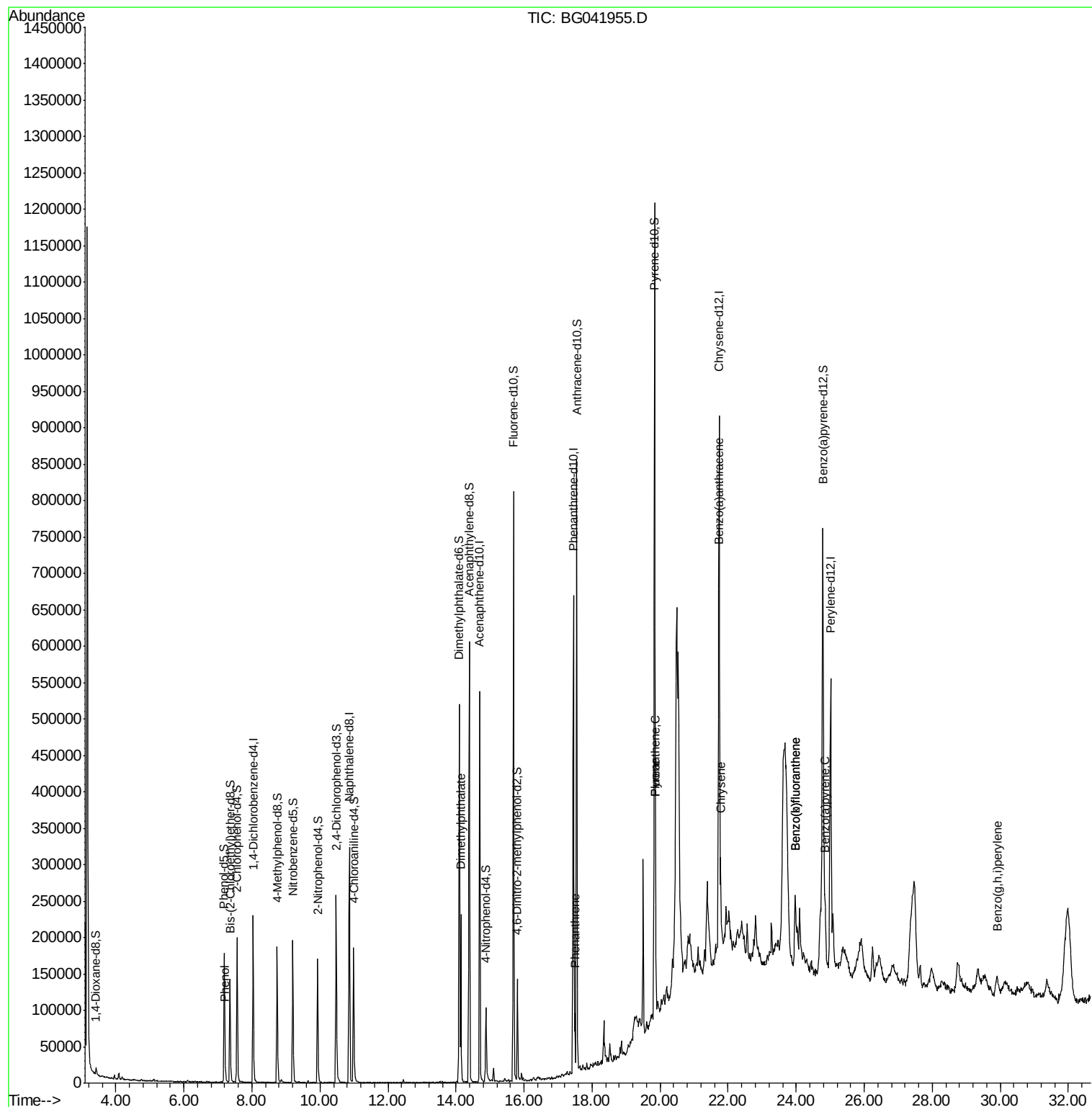
					Ovalue
6) Phenol	7.21	94	9465	1.591	ng/ul 96
44) Dimethylphthalate	14.14	163	169335	10.517	ng/ul 99
69) Phenanthrene	17.49	178	52463	2.161	ng/ul 98
76) Fluoranthene	19.86	202	141374	5.039	ng/ul 97
79) Pyrene	19.86	202	141374	4.822	ng/ul# 94
82) Benzo(a)anthracene	21.71	228	74151	2.454	ng/ul 99
84) Chrysene	21.77	228	85394	3.027	ng/ul 97
87) Benzo(b)fluoranthene	23.97	252	127691	4.156	ng/ul 99
88) Benzo(k)fluoranthene	23.97	252	127691	4.322	ng/ul 98
90) Benzo(a)pyrene	24.85	252	83855	2.864	ng/ul 97
93) Benzo(g,h,i)perylene	29.91	276	46560	1.633	ng/ul 97

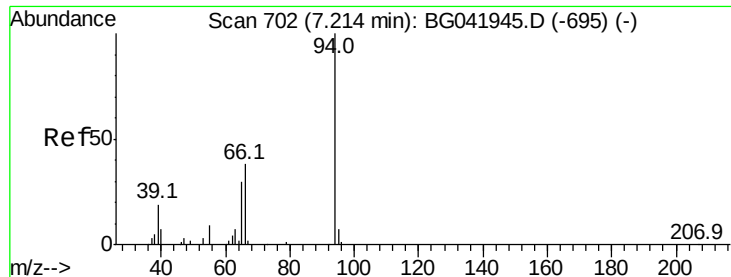
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.591 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG041955.D

Acq: 4 Aug 2019 23:21

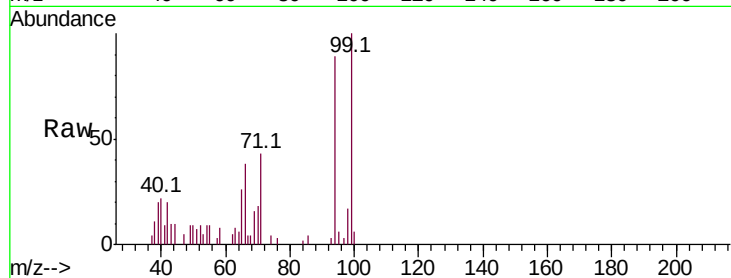
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 94 Resp: 9465

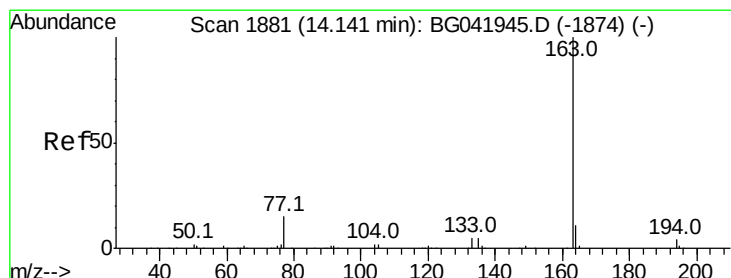
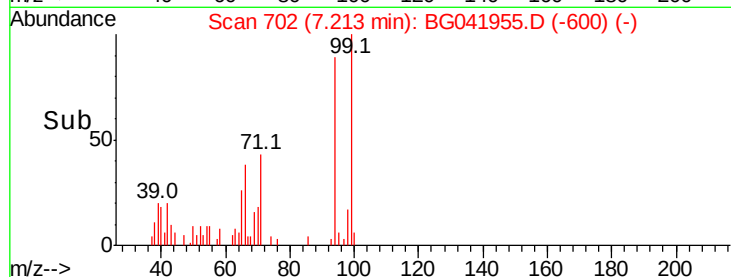
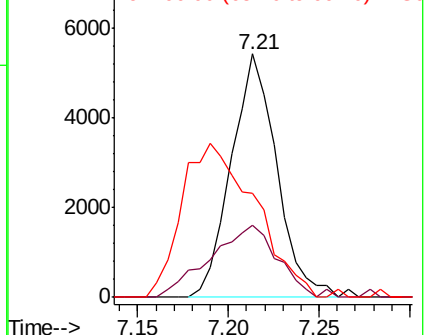
Ion	Ratio	Lower	Upper
94	100		
65	29.8	25.8	38.6
66	42.5	31.8	47.8



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 10.517 ng/ul

RT: 14.14 min Scan# 1881

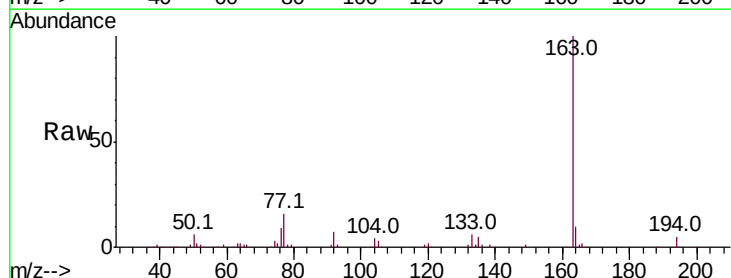
Delta R.T. -0.00 min

Lab File: BG041955.D

Acq: 4 Aug 2019 23:21

Tgt Ion:163 Resp: 169335

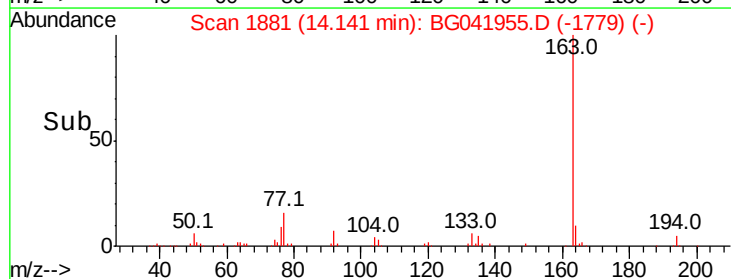
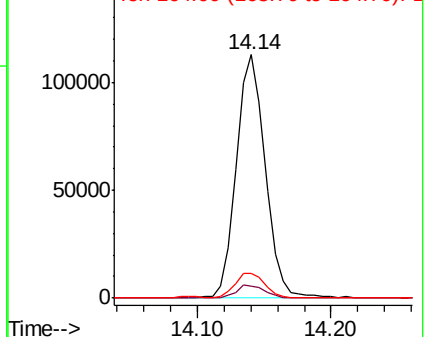
Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	10.2	7.8	11.8

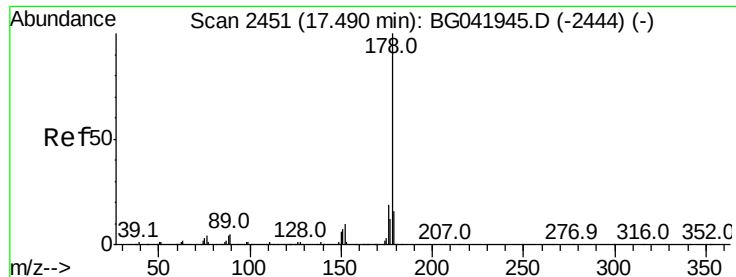


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 2.161 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG041955.D

Acq: 4 Aug 2019 23:21

Instrument :

BNA_G

ClientSampleId :

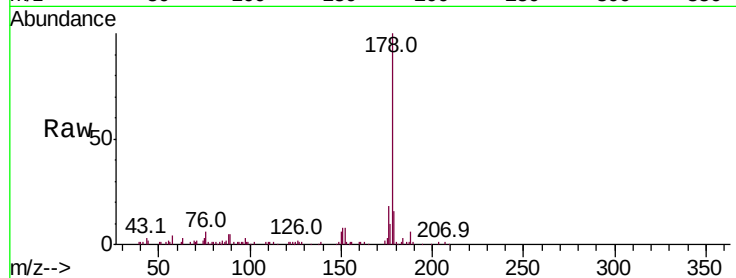
Tot Ion:178 Resp: 52463

Ion Ratio Lower Upper

178 100

179 16.5 12.8 19.2

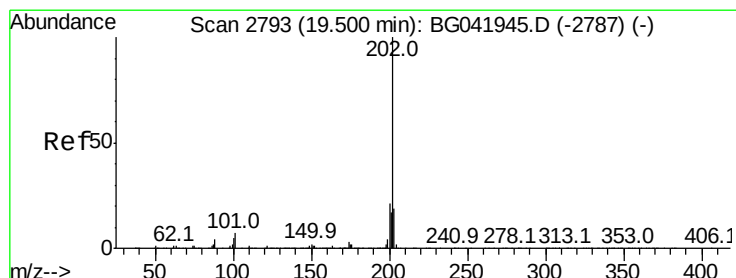
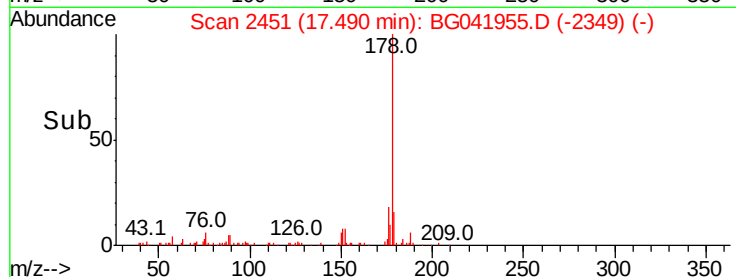
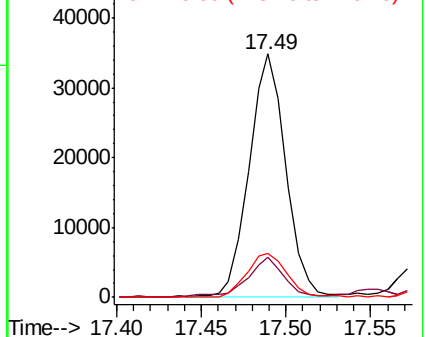
176 18.0 15.4 23.2



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



#76

Fluoranthene

Concen: 5.039 ng/ul

RT: 19.86 min Scan# 2855

Delta R.T. 0.36 min

Lab File: BG041955.D

Acq: 4 Aug 2019 23:21

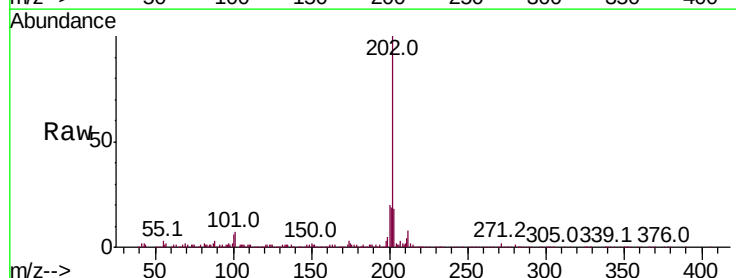
Tgt Ion:202 Resp: 141374

Ion Ratio Lower Upper

202 100

101 7.5 6.7 10.1

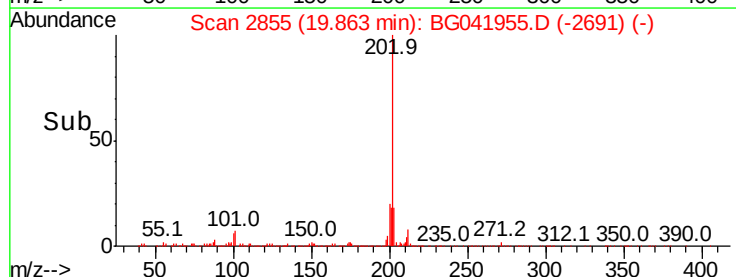
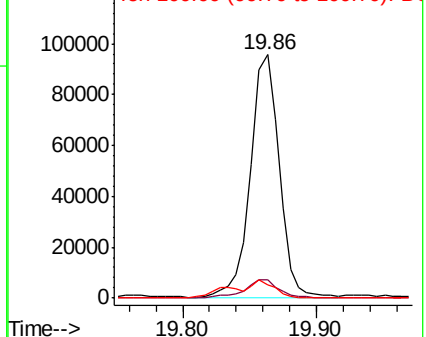
100 5.7 5.3 7.9

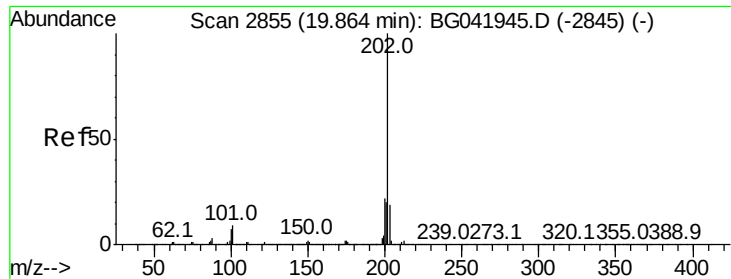


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 4.822 ng/ul

RT: 19.86 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041955.D

Acq: 4 Aug 2019 23:21

Instrument :

BNA_G

ClientSampleId :

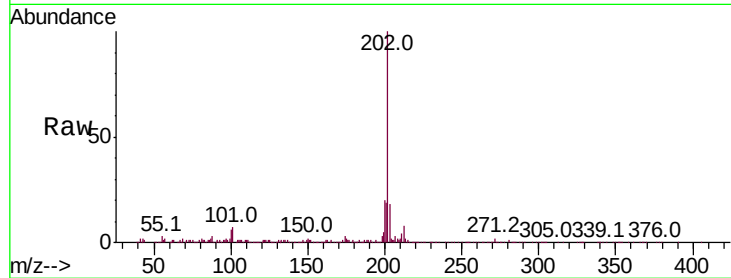
Tot Ion:202 Resp: 141374

Ion Ratio Lower Upper

202 100

101 7.5 7.6 11.4#

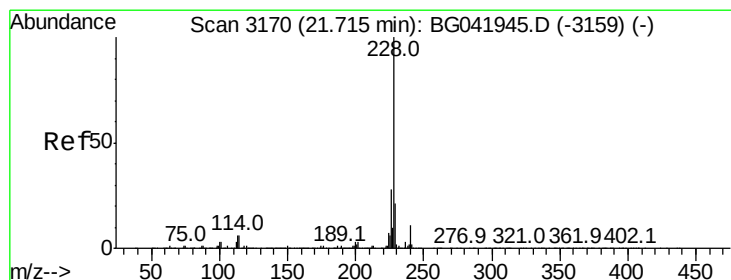
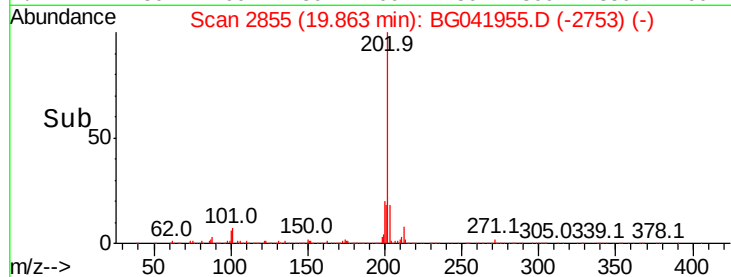
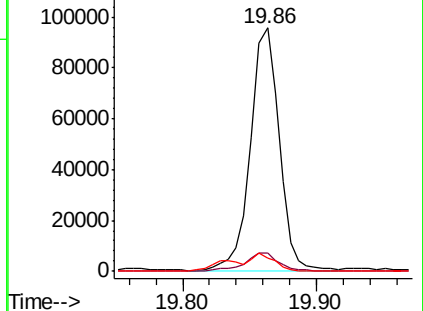
100 5.7 6.5 9.7#



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



#82

Benzo(a)anthracene

Concen: 2.454 ng/ul

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG041955.D

Acq: 4 Aug 2019 23:21

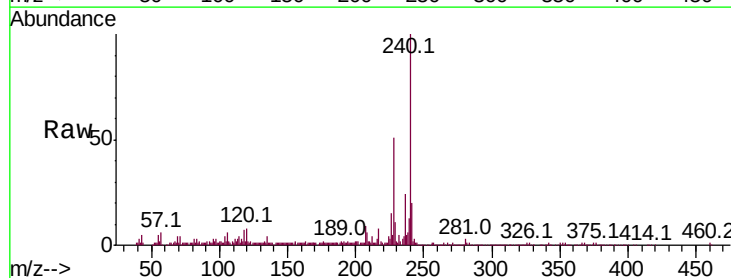
Tgt Ion:228 Resp: 74151

Ion Ratio Lower Upper

228 100

229 22.3 17.0 25.6

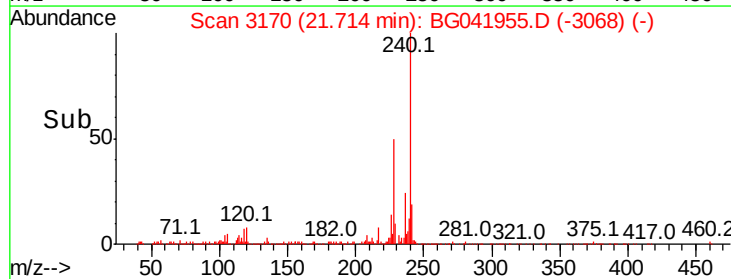
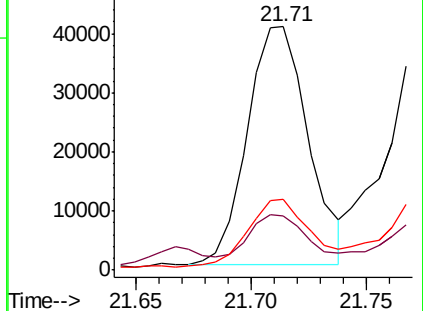
226 28.9 23.3 34.9

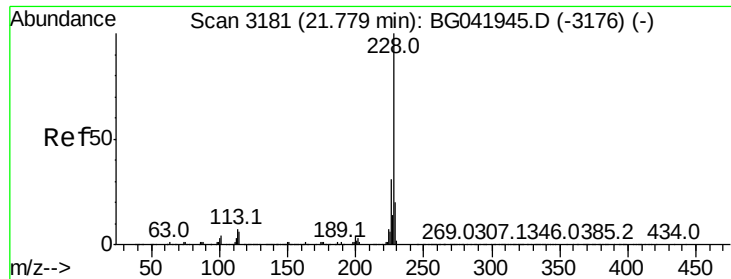


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 3.027 ng/ul

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041955.D

Acq: 4 Aug 2019 23:21

Instrument :

BNA_G

ClientSampleId :

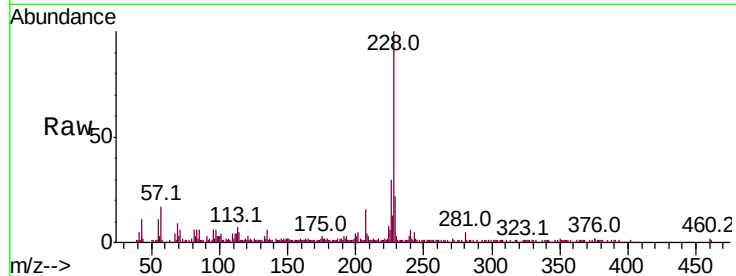
Tot Ion:228 Resp: 85394

Ion Ratio Lower Upper

228 100

226 30.2 25.7 38.5

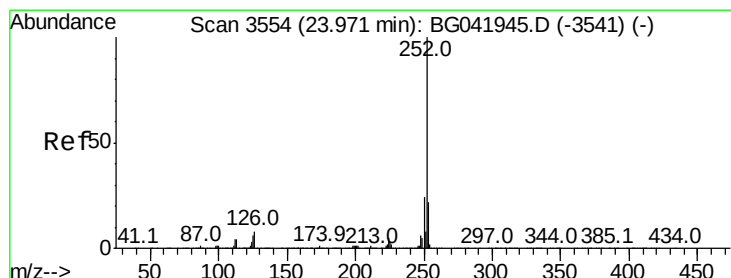
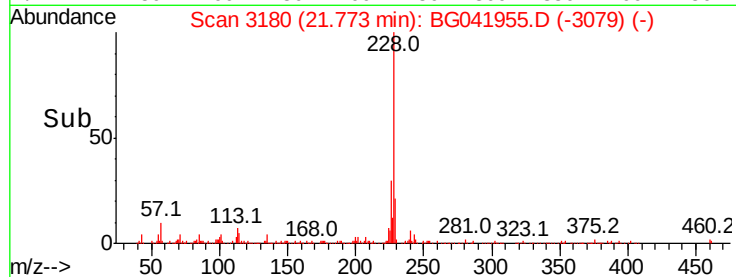
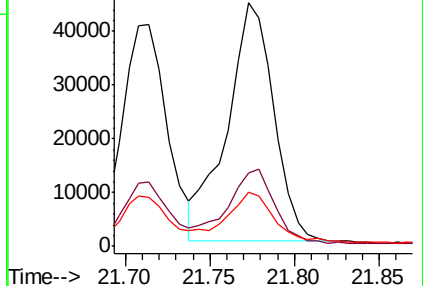
229 22.4 16.6 24.8



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: 4.156 ng/ul

RT: 23.97 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BG041955.D

Acq: 4 Aug 2019 23:21

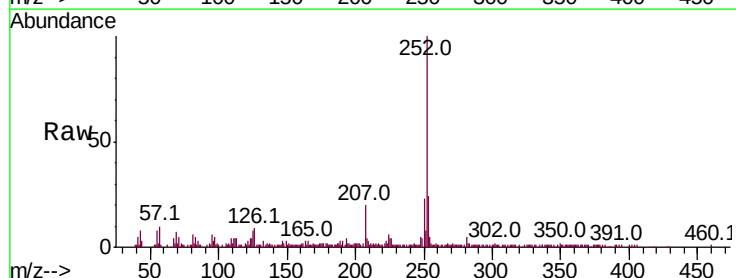
Tgt Ion:252 Resp: 127691

Ion Ratio Lower Upper

252 100

253 23.7 18.4 27.6

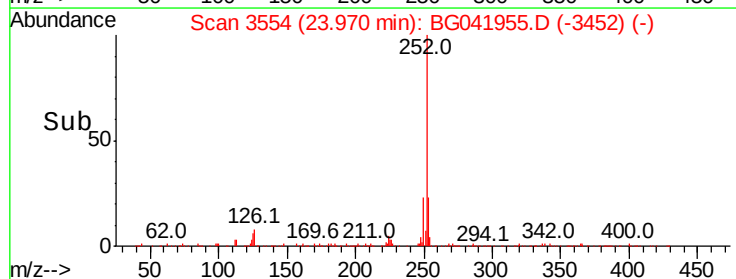
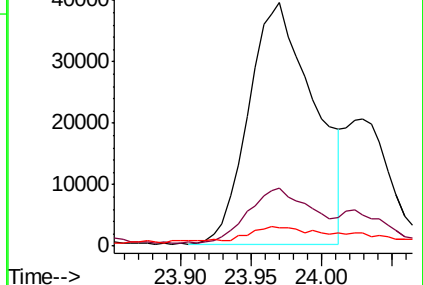
125 7.8 5.8 8.8

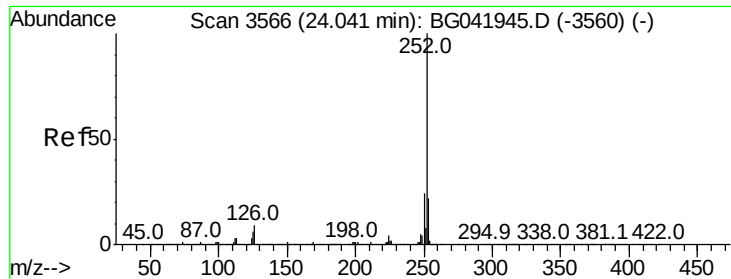


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 4.322 ng/ul

RT: 23.97 min Scan# 3554

Delta R.T. -0.07 min

Lab File: BG041955.D

Acq: 4 Aug 2019 23:21

Instrument :

BNA_G

ClientSampleId :

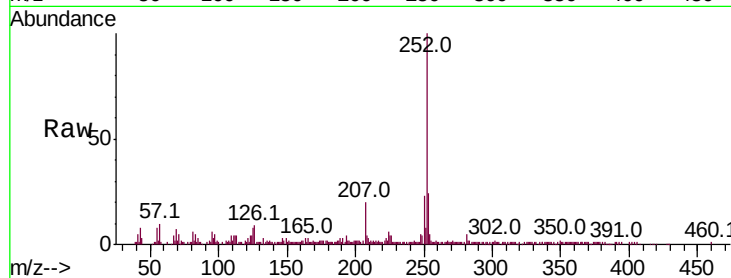
Tot Ion:252 Resp: 127691

Ion Ratio Lower Upper

252 100

253 23.7 18.3 27.5

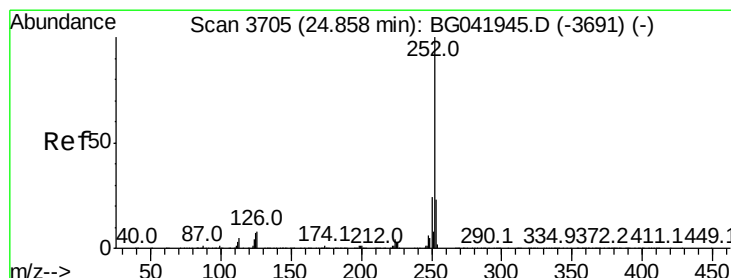
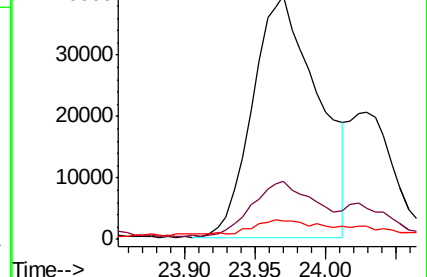
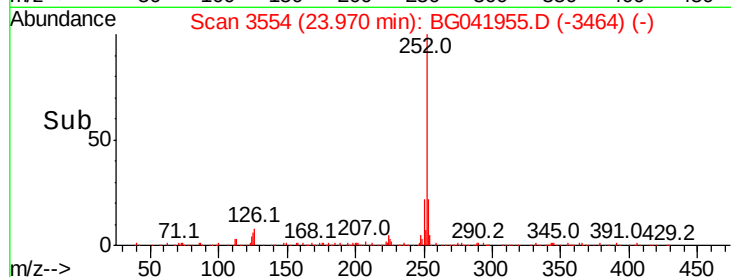
125 7.8 5.5 8.3



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: 2.864 ng/ul

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041955.D

Acq: 4 Aug 2019 23:21

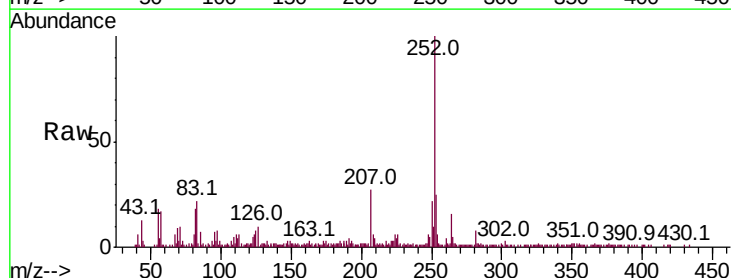
Tgt Ion:252 Resp: 83855

Ion Ratio Lower Upper

252 100

253 24.7 18.3 27.5

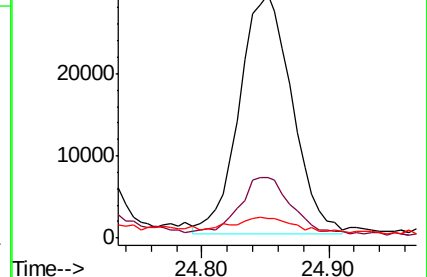
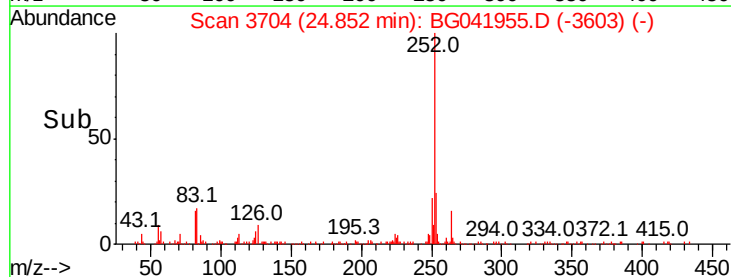
125 7.8 6.5 9.7

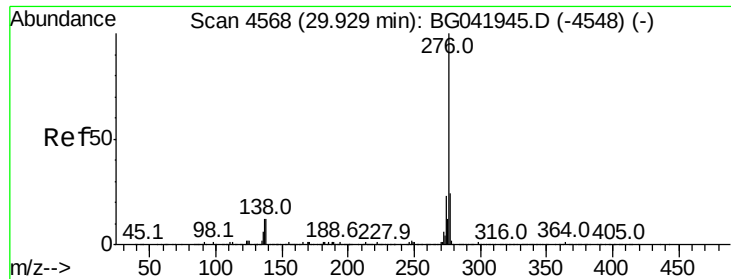


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.633 ng/ul

RT: 29.91 min Scan# 4565

Delta R.T. -0.02 min

Lab File: BG041955.D

Acq: 4 Aug 2019 23:21

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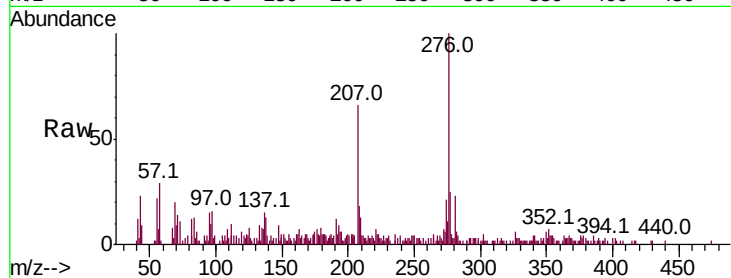
Tot Ion: 276 Resp: 46560

Ion Ratio Lower Upper

276 100

138 13.1 12.6 18.8

277 24.7 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

