

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042188.D
 Acq On : 13 Aug 2019 19:45
 Operator : HP/JU
 Sample : K4215-23
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOC7

Quant Time: Aug 14 05:04:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:56:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	76276	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	311063	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	211334	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	426679	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	427421	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	511369	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5075	2.91	ng/uL	0.00
5) Phenol-d5	7.18	99	122233	20.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	62689	18.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	115804	22.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	105555	21.00	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	56359	24.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	69414	25.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	130134	23.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	146832	24.11	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	395266	24.12	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	463962	24.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	33062	12.01	ng/ul	0.00
57) Fluorene-d10	15.68	176	351606	24.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	29452	10.76	ng/ul	0.00
70) Anthracene-d10	17.54	188	545302	26.64	ng/ul	0.00
78) Pyrene-d10	19.82	212	619377	25.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	714465	26.75	ng/ul	0.00

Target Compounds

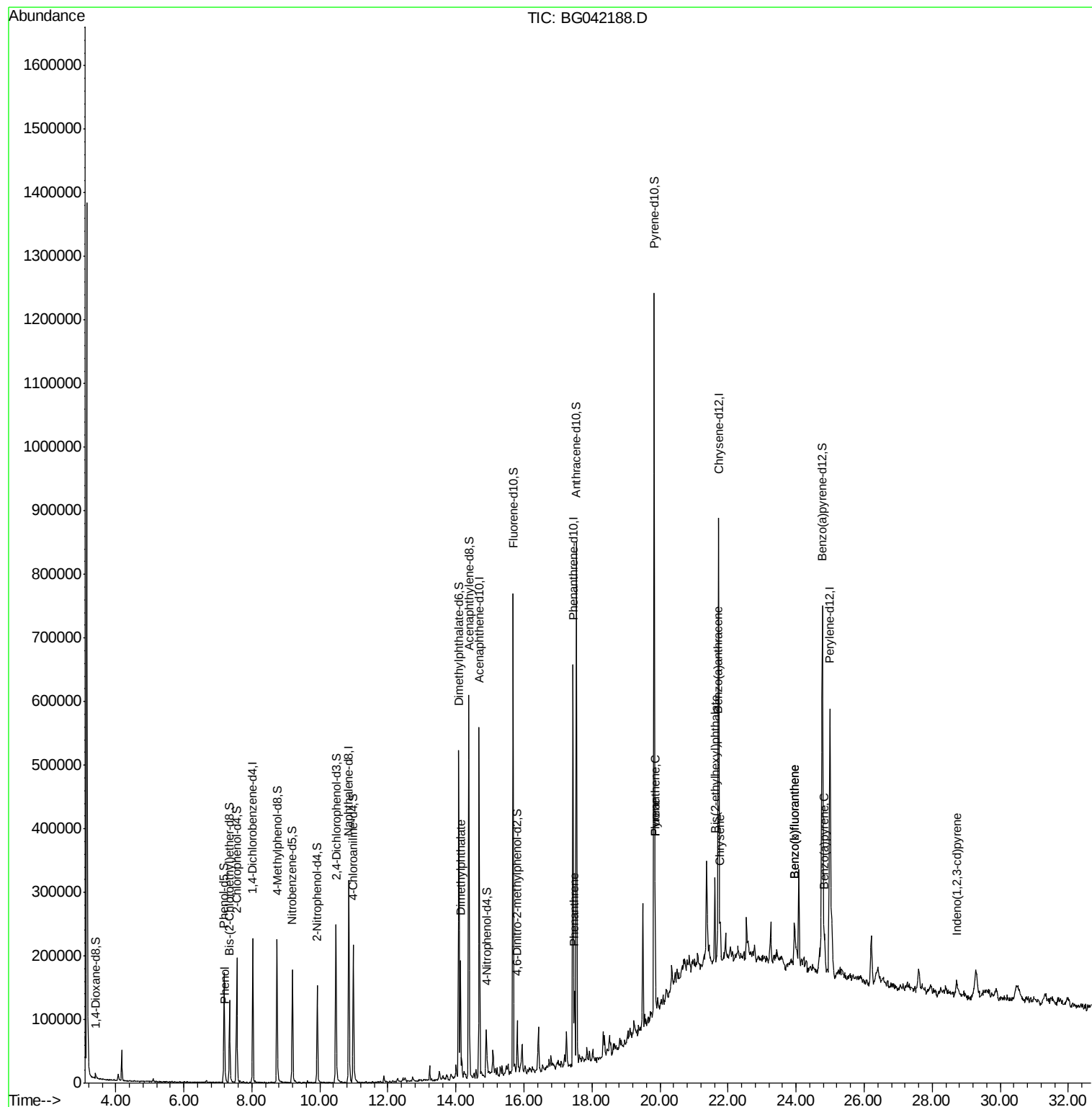
					Ovalue	
6) Phenol	7.21	94	10725	1.736	ng/ul	93
44) Dimethylphthalate	14.13	163	135912	8.351	ng/ul	99
69) Phenanthrene	17.48	178	73004	3.125	ng/ul	98
76) Fluoranthene	19.85	202	121977	4.519	ng/ul	98
79) Pyrene	19.85	202	121977	4.243	ng/ul#	95
82) Benzo(a)anthracene	21.70	228	65206	2.200	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	59975	3.884	ng/ul	97
84) Chrysene	21.77	228	64524	2.333	ng/ul	98
87) Benzo(b)fluoranthene	23.96	252	90553	2.822	ng/ul#	96
88) Benzo(k)fluoranthene	23.96	252	90553	2.935	ng/ul#	95
90) Benzo(a)pyrene	24.84	252	68525	2.241	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	28.72	276	40836	1.145	ng/ul#	91

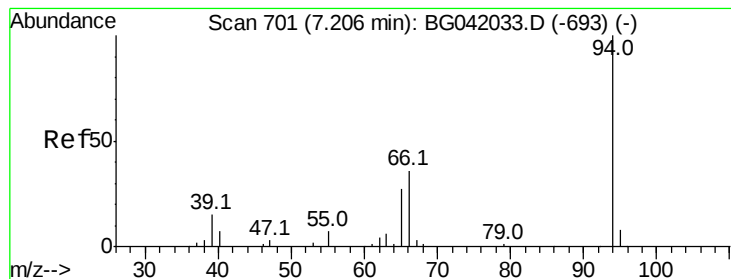
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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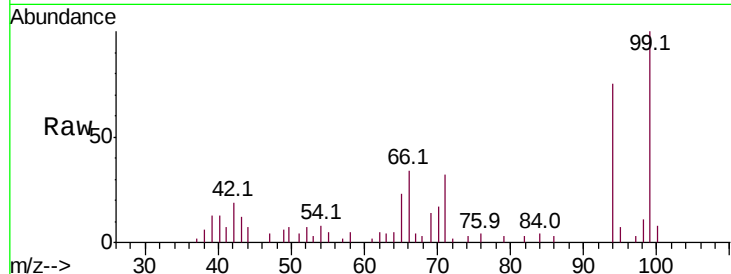
#6

Phenol

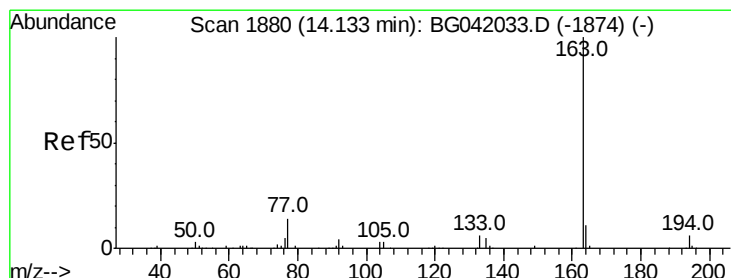
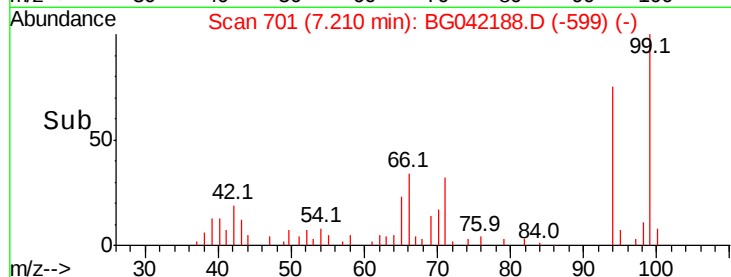
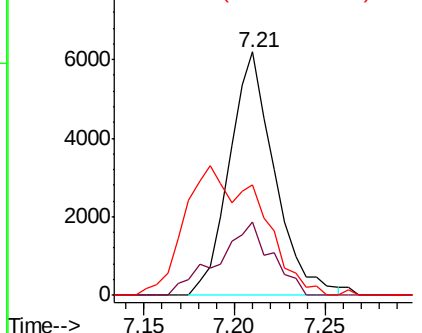
Concen: 1.736 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BG042188.D
 Acq: 13 Aug 2019 19:45

Instrument :
 BNA_G
 ClientSampleId :
 ETOC7

Tot Ion: 94 Resp: 10725
 Ion Ratio Lower Upper
 94 100
 65 30.0 25.8 38.6
 66 45.1 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

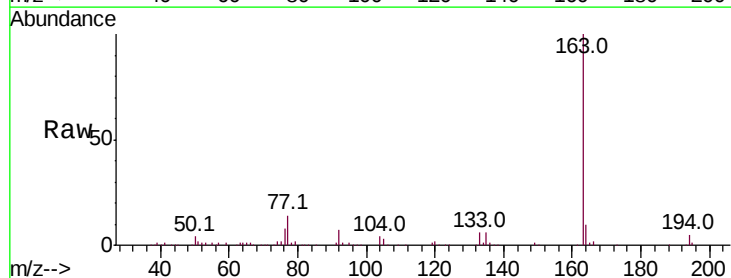


#44

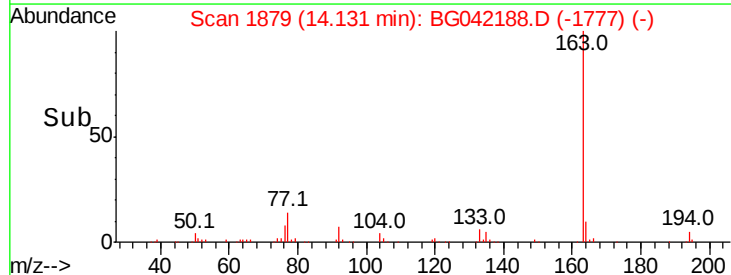
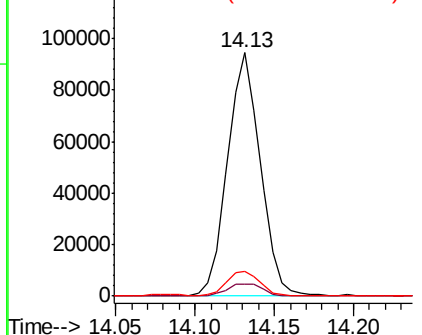
Dimethylphthalate

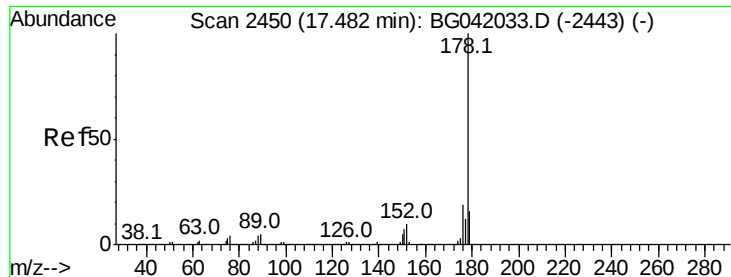
Concen: 8.351 ng/ul
 RT: 14.13 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: BG042188.D
 Acq: 13 Aug 2019 19:45

Tgt Ion:163 Resp: 135912
 Ion Ratio Lower Upper
 163 100
 194 4.7 4.2 6.2
 164 10.3 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: 3.125 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG042188.D

Acq: 13 Aug 2019 19:45

Instrument :

BNA_G

ClientSampleId :

ETOC7

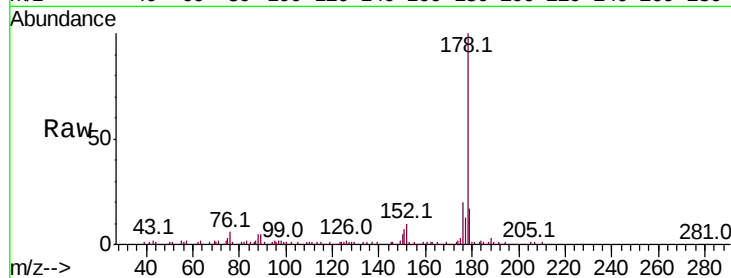
Tot Ion:178 Resp: 73004

Ion Ratio Lower Upper

178 100

179 16.8 12.8 19.2

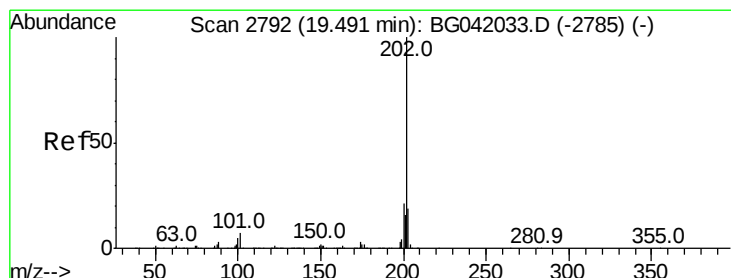
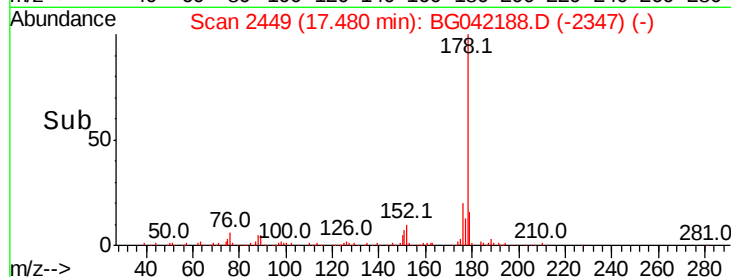
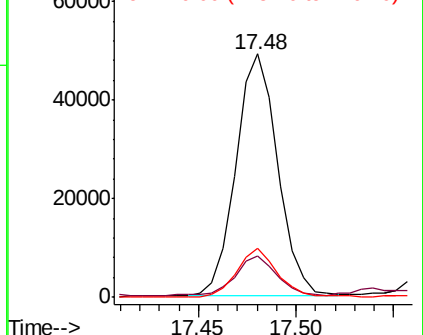
176 20.0 15.4 23.2



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: 4.519 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG042188.D

Acq: 13 Aug 2019 19:45

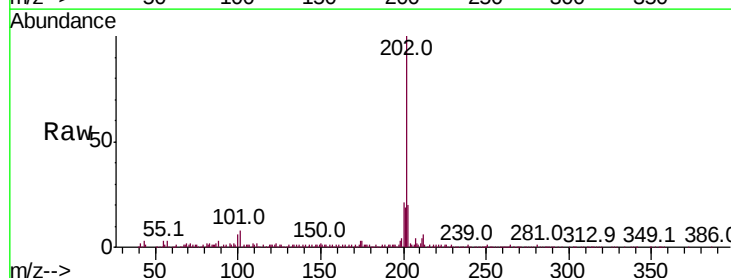
Tgt Ion:202 Resp: 121977

Ion Ratio Lower Upper

202 100

101 7.6 6.7 10.1

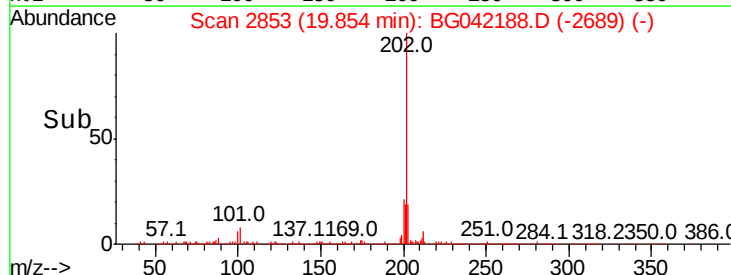
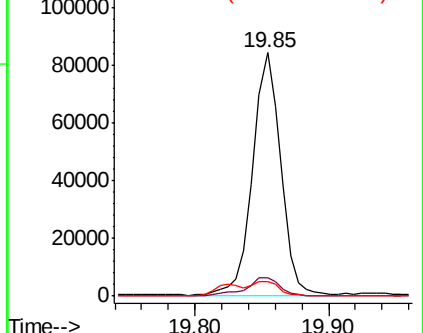
100 6.1 5.3 7.9

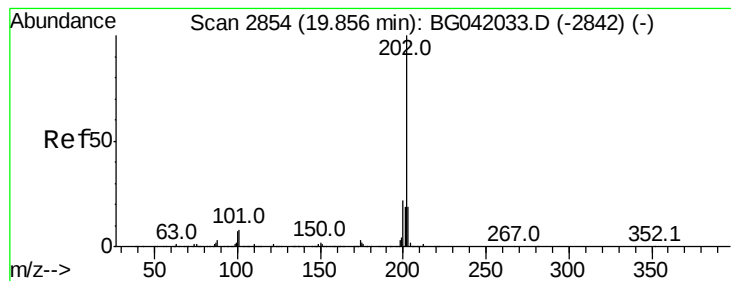


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 4.243 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG042188.D

Acq: 13 Aug 2019 19:45

Instrument :

BNA_G

ClientSampleId :

ETOC7

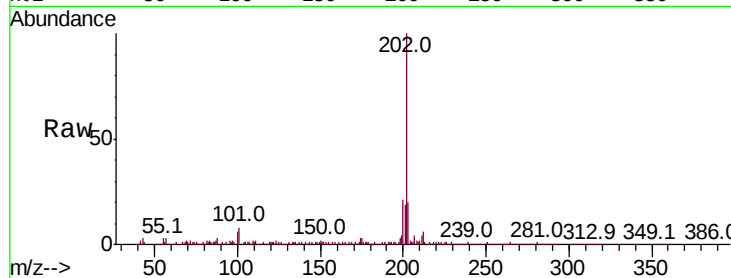
Tot Ion:202 Resp: 121977

Ion Ratio Lower Upper

202 100

101 7.6 7.6 11.4#

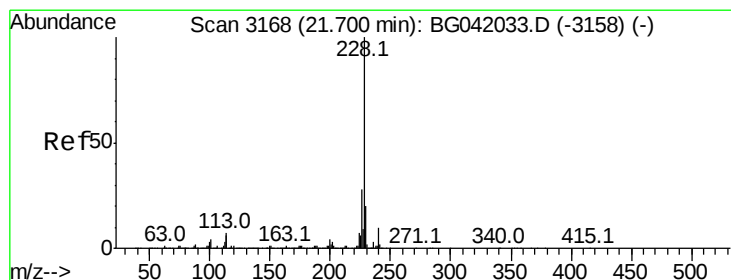
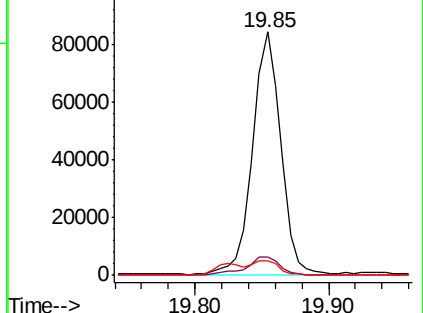
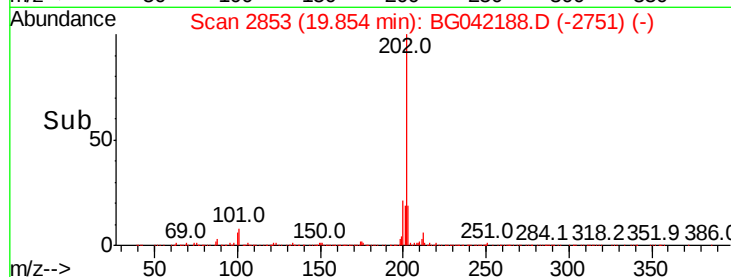
100 6.1 6.5 9.7#



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: 2.200 ng/ul

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG042188.D

Acq: 13 Aug 2019 19:45

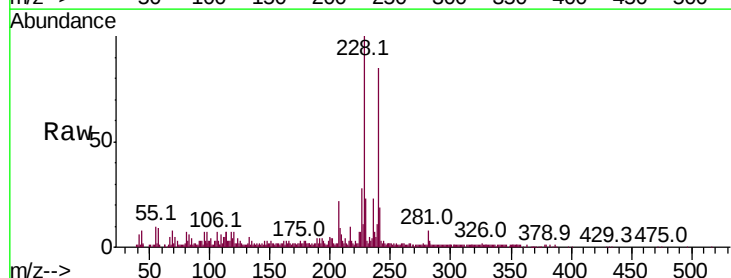
Tgt Ion:228 Resp: 65206

Ion Ratio Lower Upper

228 100

229 23.0 17.0 25.6

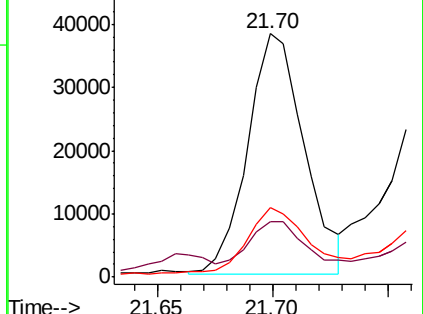
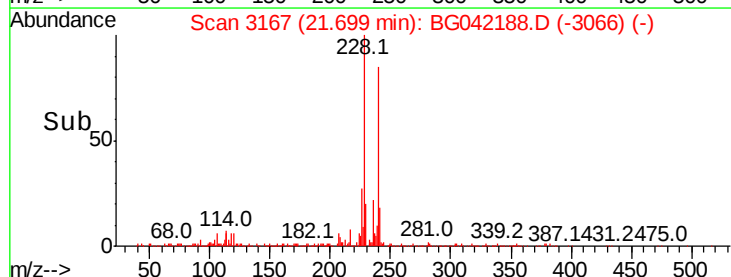
226 28.4 23.3 34.9

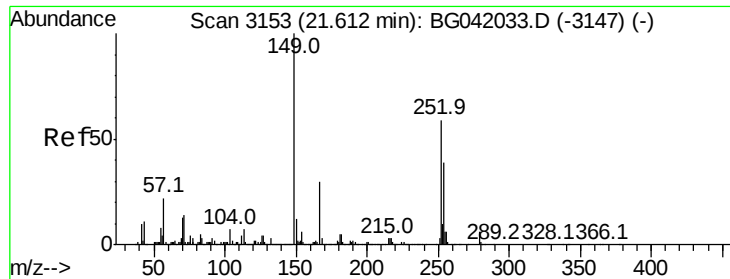


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.884 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG042188.D

Acq: 13 Aug 2019 19:45

Instrument :

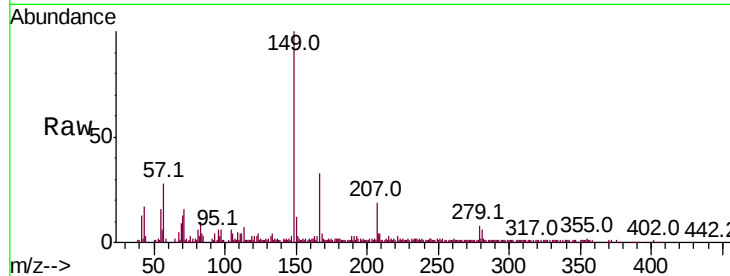
BNA_G

ClientSampleId :

ETOC7

Tot Ion:149 Resp: 59975

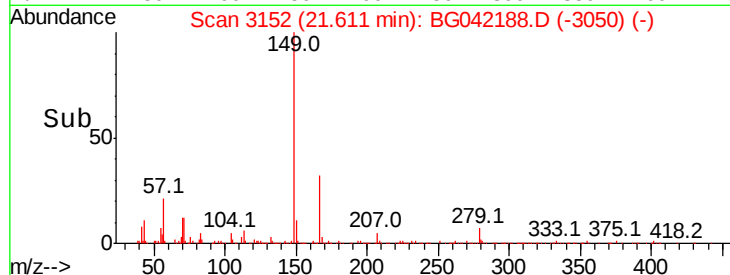
Ion	Ratio	Lower	Upper
149	100		
167	32.9	25.0	37.4
279	7.7	5.2	7.8



Abundance Ion 149.00 (148.70 to 149.70): E

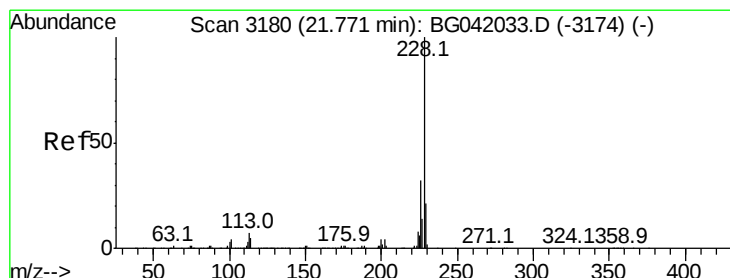
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



21.61

Time--> 21.55 21.60 21.65



#84

Chrysene

Concen: 2.333 ng/ul

RT: 21.77 min Scan# 3179

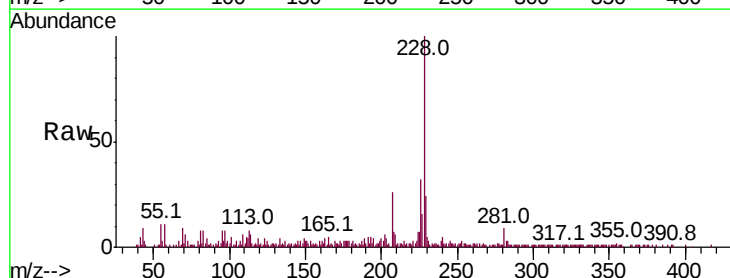
Delta R.T. 0.00 min

Lab File: BG042188.D

Acq: 13 Aug 2019 19:45

Tgt Ion:228 Resp: 64524

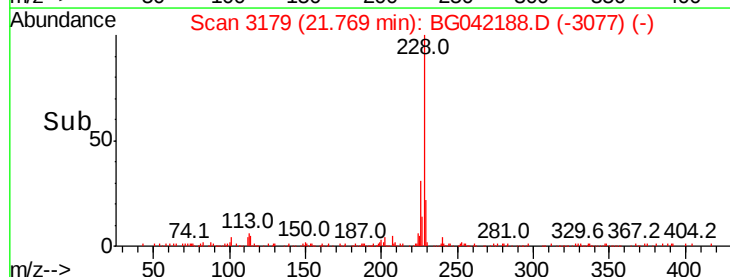
Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.7	38.5
229	23.5	16.6	24.8



Abundance Ion 228.00 (227.70 to 228.70): E

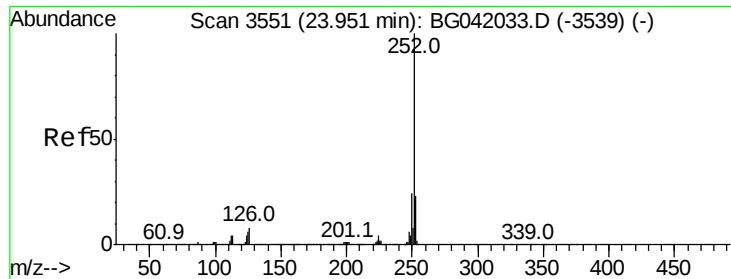
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



21.77

Time--> 21.70 21.75 21.80 21.85



#87

Benzo(b)fluoranthene

Concen: 2.822 ng/ul

RT: 23.96 min Scan# 3551

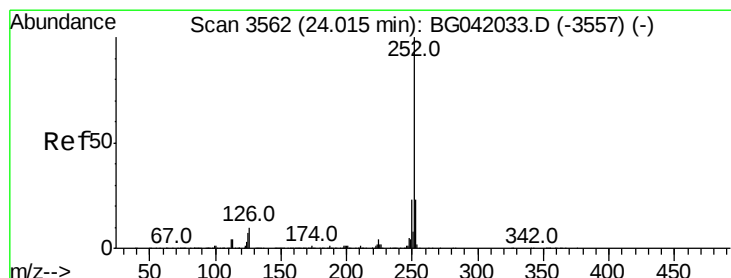
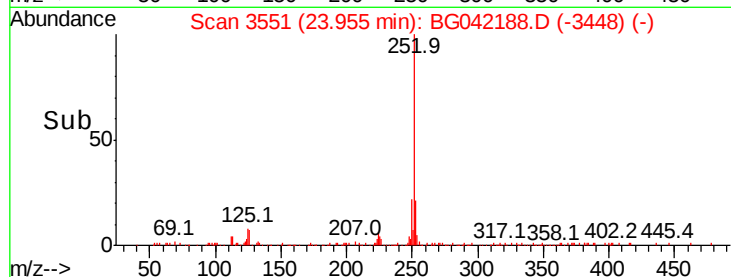
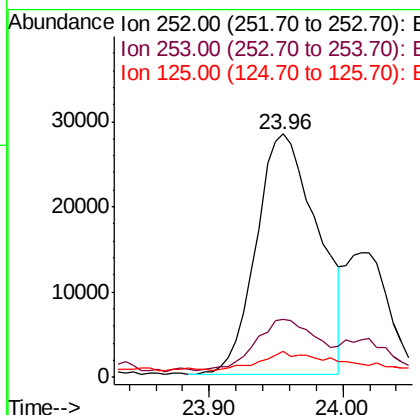
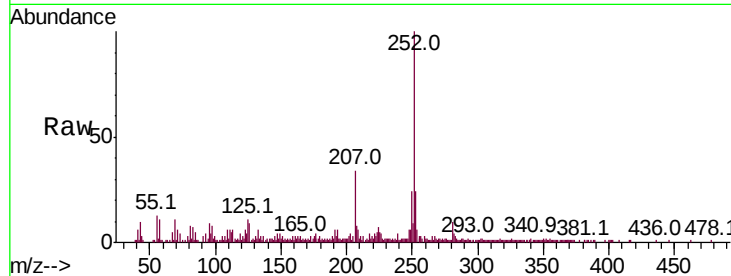
Delta R.T. 0.01 min

Lab File: BG042188.D

Acq: 13 Aug 2019 19:45

Instrument :
BNA_G
ClientSampleId :
ETOC7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	10.9	5.8	8.8#



#88

Benzo(k)fluoranthene

Concen: 2.935 ng/ul

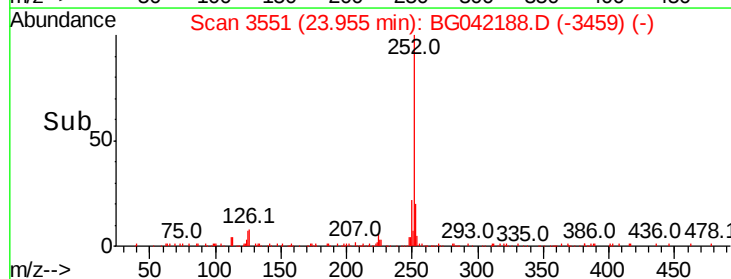
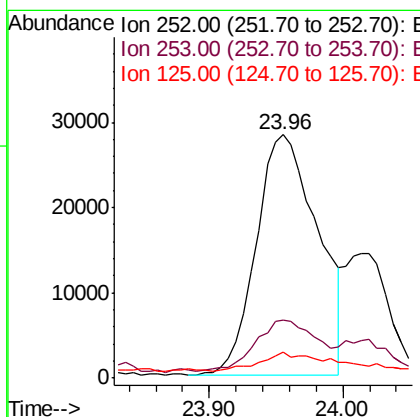
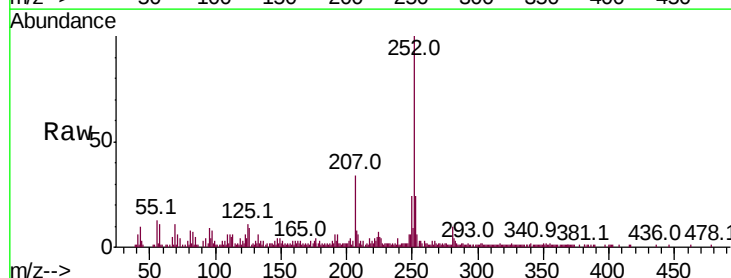
RT: 23.96 min Scan# 3551

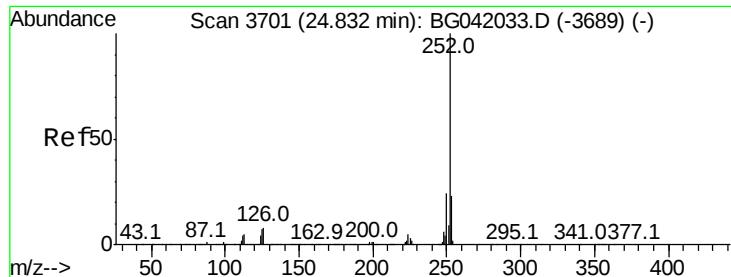
Delta R.T. -0.06 min

Lab File: BG042188.D

Acq: 13 Aug 2019 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	10.9	5.5	8.3#





#90

Benzo(a)pyrene

Concen: 2.241 ng/ul

RT: 24.84 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BG042188.D

Acq: 13 Aug 2019 19:45

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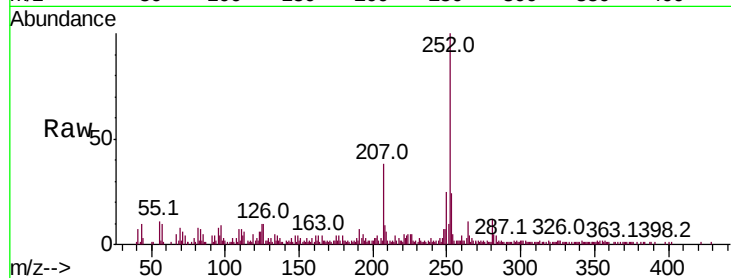
Tot Ion:252 Resp: 68525

Ion Ratio Lower Upper

252 100

253 24.4 18.3 27.5

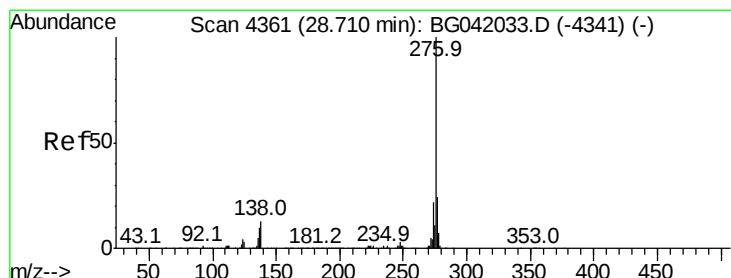
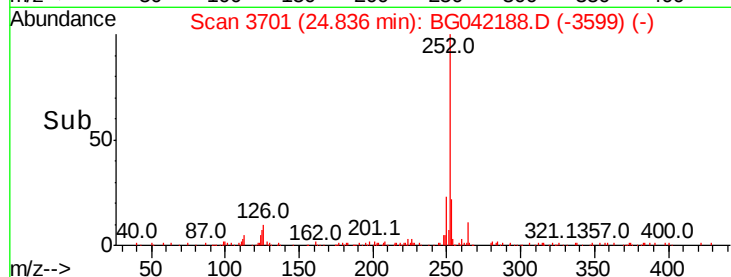
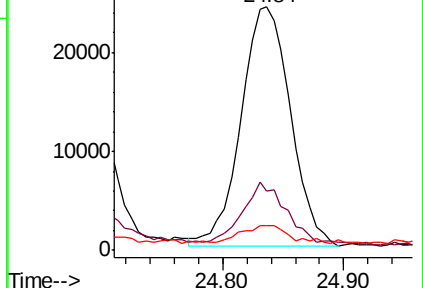
125 10.3 6.5 9.7#



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: 1.145 ng/ul

RT: 28.72 min Scan# 4362

Delta R.T. 0.01 min

Lab File: BG042188.D

Acq: 13 Aug 2019 19:45

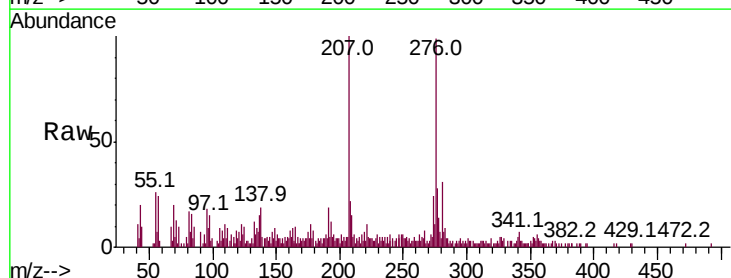
Tgt Ion:276 Resp: 40836

Ion Ratio Lower Upper

276 100

138 18.8 12.0 18.0#

277 28.1 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

