

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041947.D
 Acq On : 4 Aug 2019 18:14
 Operator : HP/JU
 Sample : K3962-14
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 05 09:16:54 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	68456	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	283008	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	189653	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	404177	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	395467	20.00	ng/ul	0.00
85) Perylene-d12	25.02	264	414485	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	5684	3.63	ng/uL	0.00
5) Phenol-d5	7.18	99	133251	24.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	78632	26.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	126236	27.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	89160	19.77	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	64392	30.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	79730	32.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	146207	29.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	150235	27.11	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	464833	31.60	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	519118	30.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	58446	23.66	ng/ul	0.00
57) Fluorene-d10	15.69	176	412220	31.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	60959	23.51	ng/ul	0.00
70) Anthracene-d10	17.55	188	647325	33.38	ng/ul	0.00
78) Pyrene-d10	19.83	212	731872	33.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	783216	36.17	ng/ul	0.00

Target Compounds

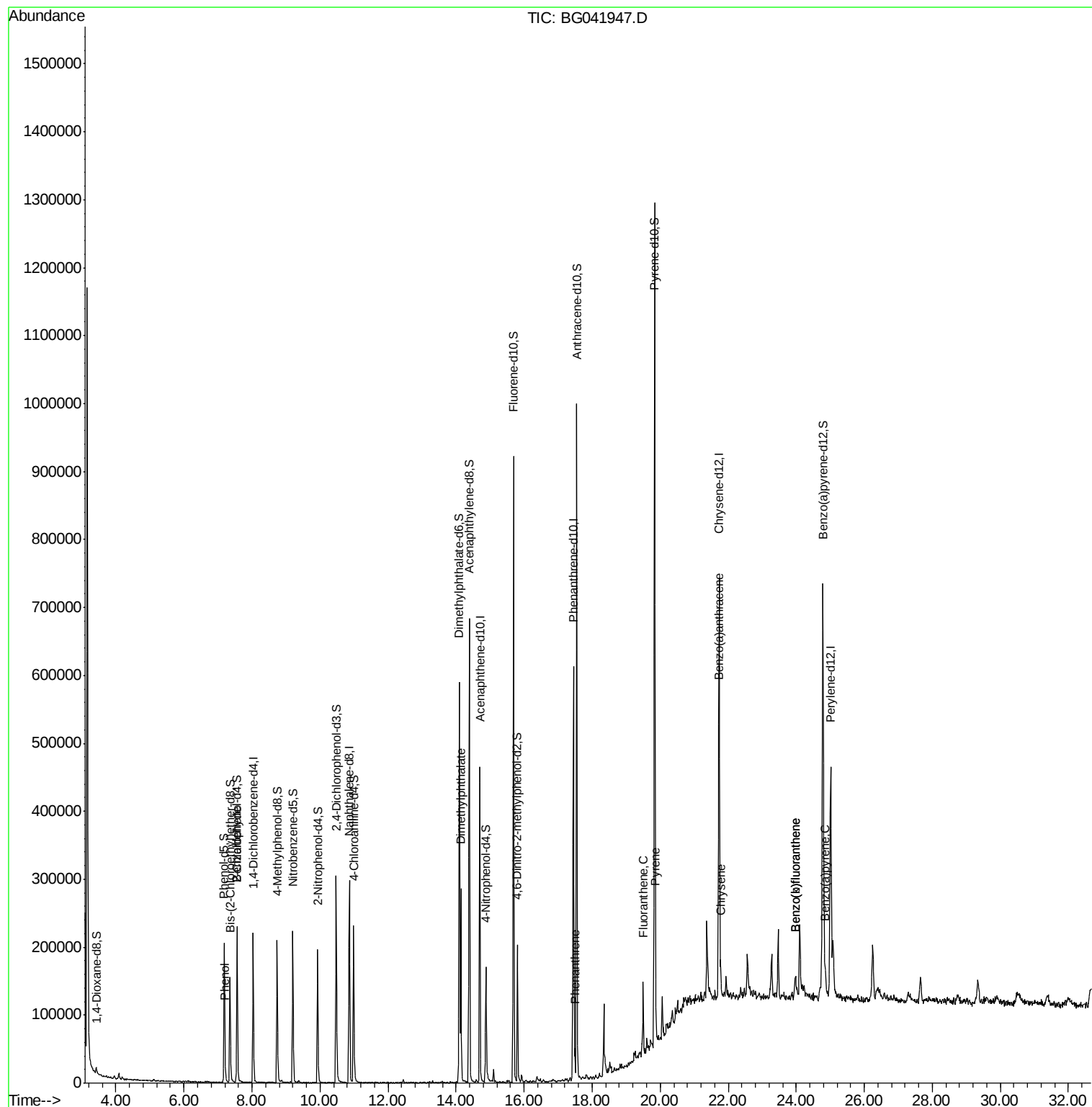
					Ovalue	
4) Benzaldehyde	7.57	77	2632	1.037	ng/ul	85
6) Phenol	7.21	94	7975	1.438	ng/ul	96
44) Dimethylphthalate	14.14	163	203100	13.907	ng/ul	97
69) Phenanthrene	17.49	178	29612	1.338	ng/ul	99
76) Fluoranthene	19.50	202	67886	2.655	ng/ul	97
79) Pyrene	19.86	202	65952	2.479	ng/ul	97
82) Benzo(a)anthracene	21.71	228	40352	1.472	ng/ul	97
84) Chrysene	21.78	228	41870	1.636	ng/ul	95
87) Benzo(b)fluoranthene	23.97	252	44318	1.704	ng/ul	98
88) Benzo(k)fluoranthene	23.97	252	44318	1.772	ng/ul	98
90) Benzo(a)pyrene	24.86	252	37569	1.516	ng/ul	98

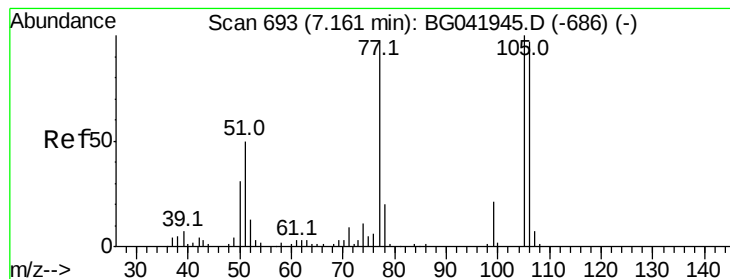
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#4

Benzaldehyde

Concen: 1.037 ng/ul

RT: 7.57 min Scan# 762

Delta R.T. 0.40 min

Lab File: BG041947.D

Acq: 4 Aug 2019 18:14

Instrument :

BNA_G

ClientSampleId :

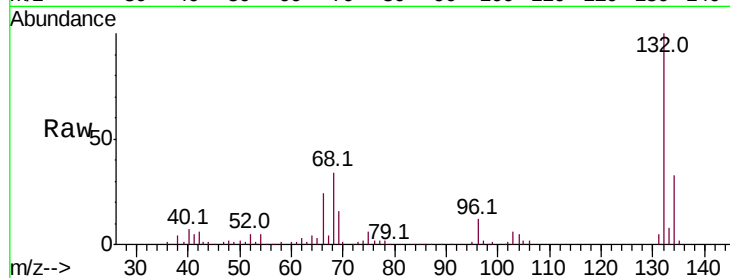
Tot Ion: 77 Resp: 2632

Ion Ratio Lower Upper

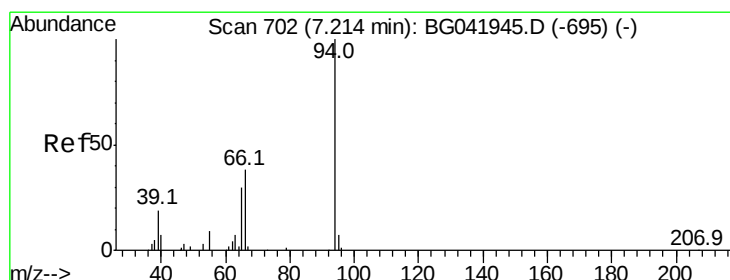
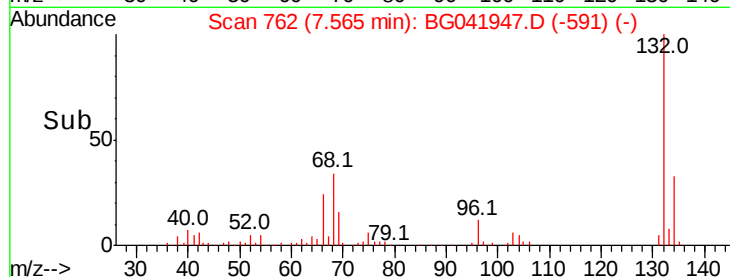
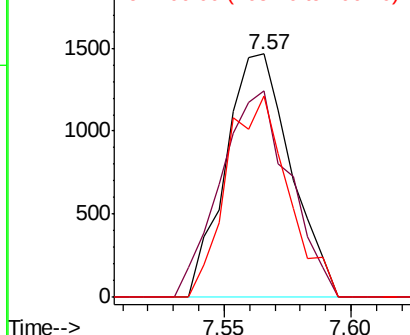
77 100

105 85.0 80.7 121.1

106 82.5 76.3 114.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#6

Phenol

Concen: 1.438 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG041947.D

Acq: 4 Aug 2019 18:14

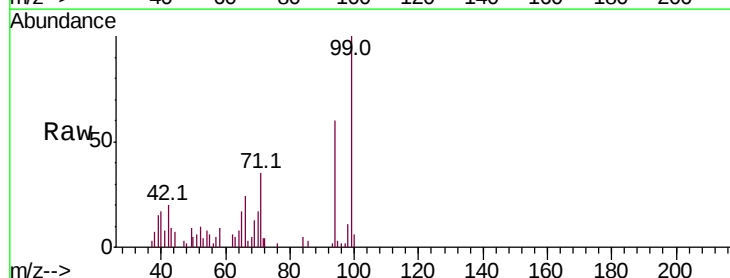
Tgt Ion: 94 Resp: 7975

Ion Ratio Lower Upper

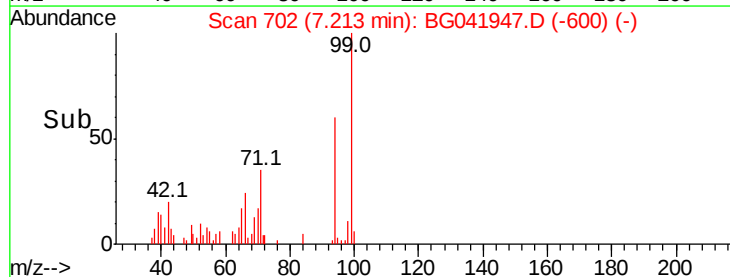
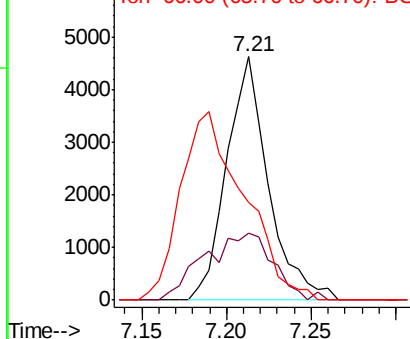
94 100

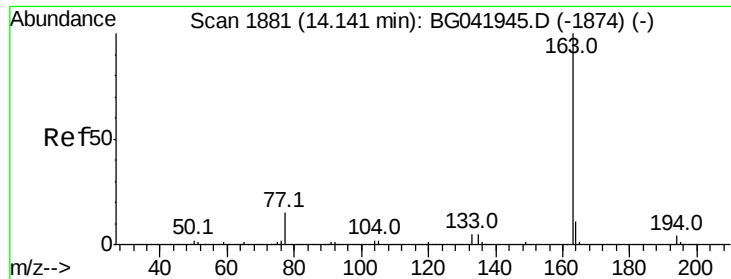
65 27.6 25.8 38.6

66 40.3 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: 13.907 ng/ul

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG041947.D

Acq: 4 Aug 2019 18:14

Instrument :

BNA_G

ClientSampleId :

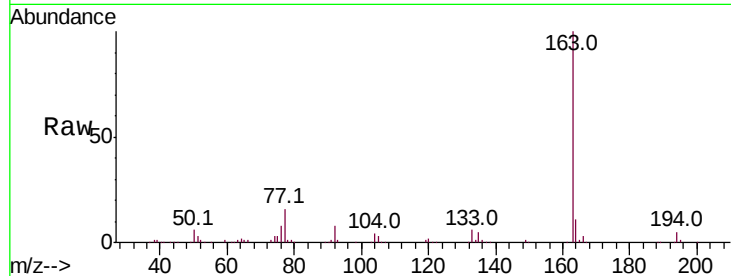
Tot Ion:163 Resp: 203100

Ion Ratio Lower Upper

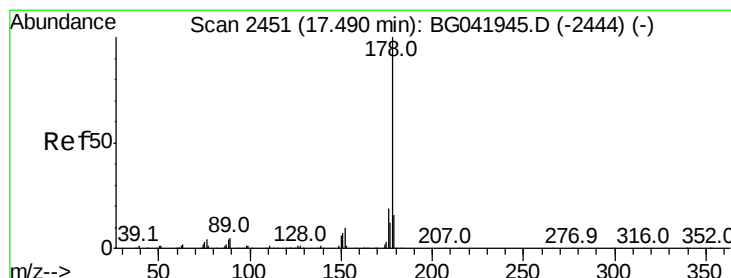
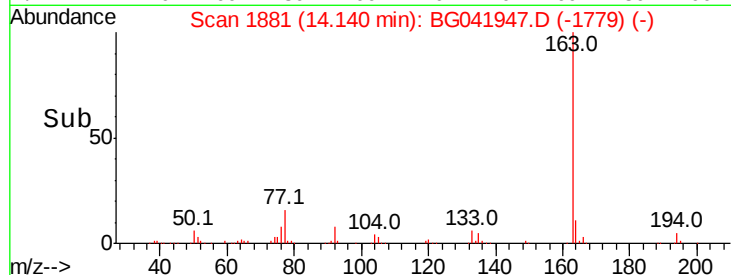
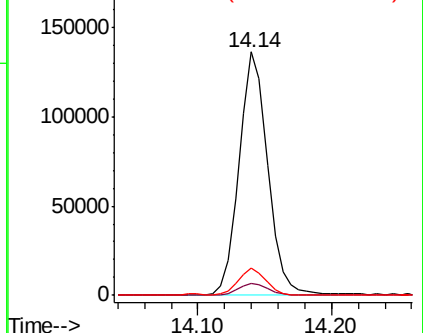
163 100

194 4.8 4.2 6.2

164 11.2 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: 1.338 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG041947.D

Acq: 4 Aug 2019 18:14

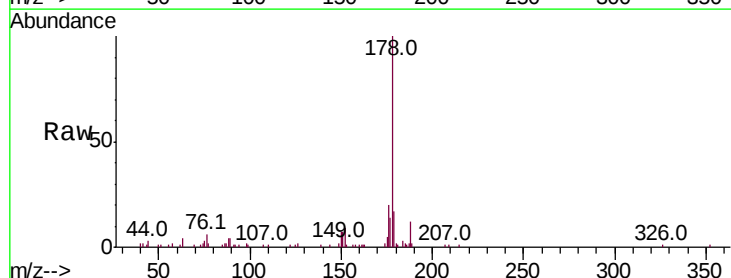
Tgt Ion:178 Resp: 29612

Ion Ratio Lower Upper

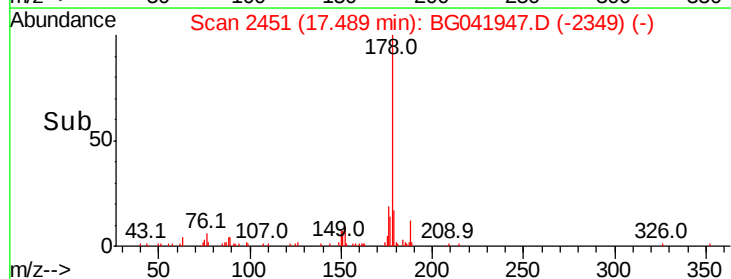
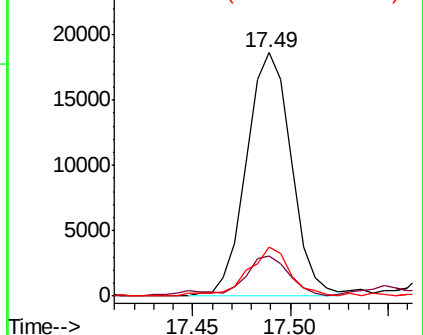
178 100

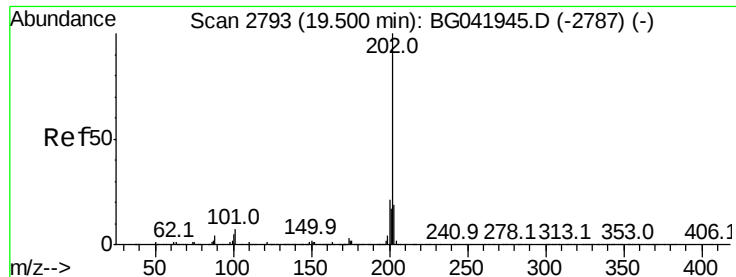
179 16.5 12.8 19.2

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: 2.655 ng/ul

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG041947.D

Acq: 4 Aug 2019 18:14

Instrument :

BNA_G

ClientSampleId :

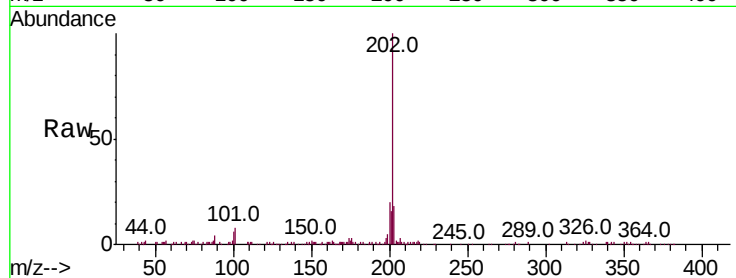
Tot Ion:202 Resp: 67886

Ion Ratio Lower Upper

202 100

101 7.6 6.7 10.1

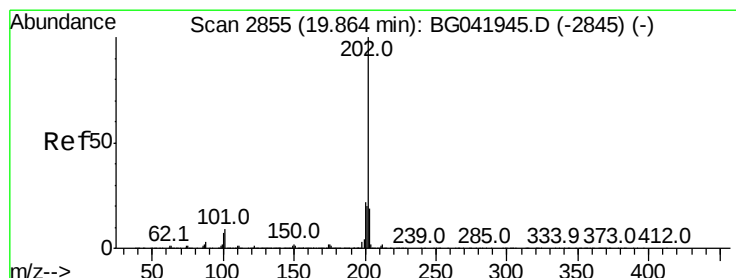
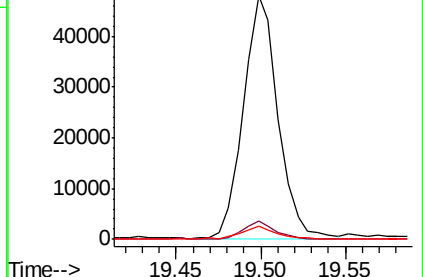
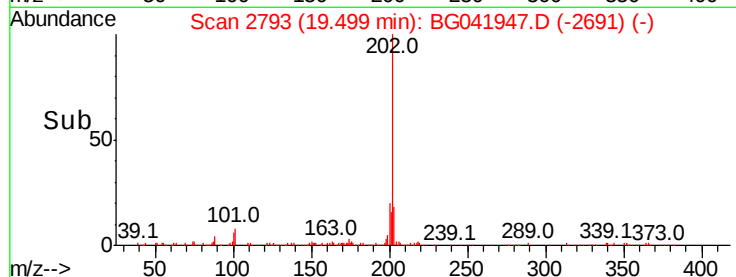
100 5.6 5.3 7.9



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

Pyrene

Concen: 2.479 ng/ul

RT: 19.86 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041947.D

Acq: 4 Aug 2019 18:14

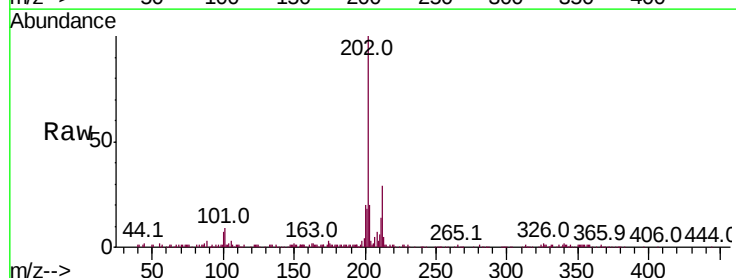
Tgt Ion:202 Resp: 65952

Ion Ratio Lower Upper

202 100

101 8.6 7.6 11.4

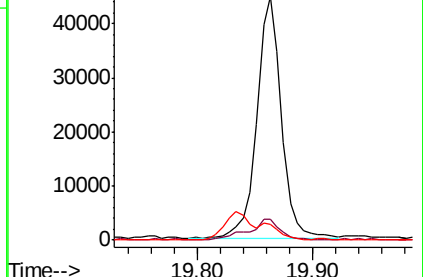
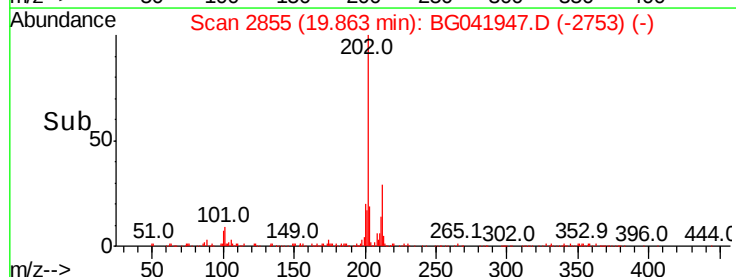
100 6.6 6.5 9.7

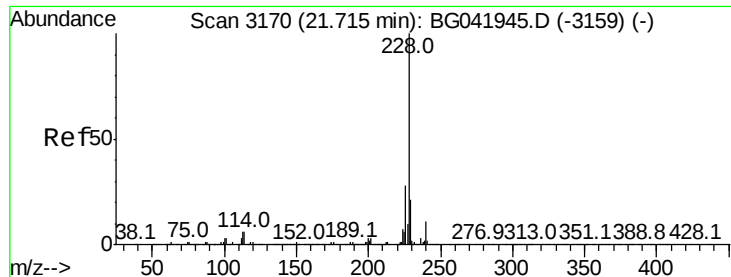


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.472 ng/ul

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG041947.D

Acq: 4 Aug 2019 18:14

Instrument :

BNA_G

ClientSampleId :

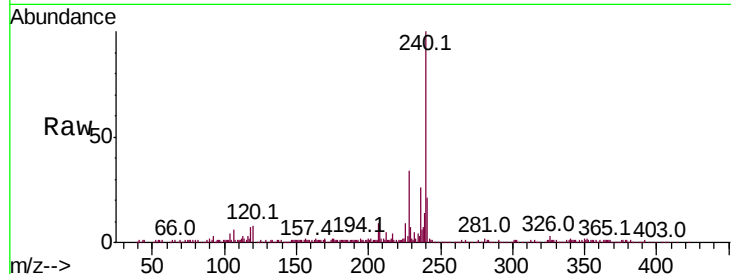
Tot Ion:228 Resp: 40352

Ion Ratio Lower Upper

228 100

229 21.5 17.0 25.6

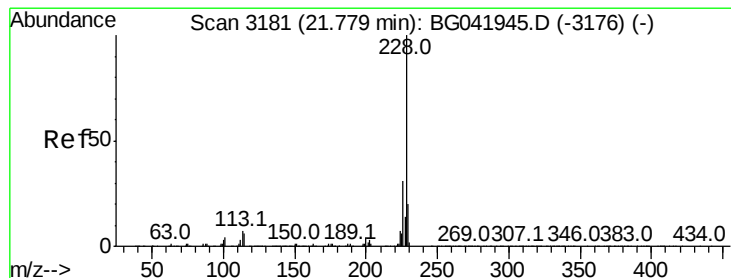
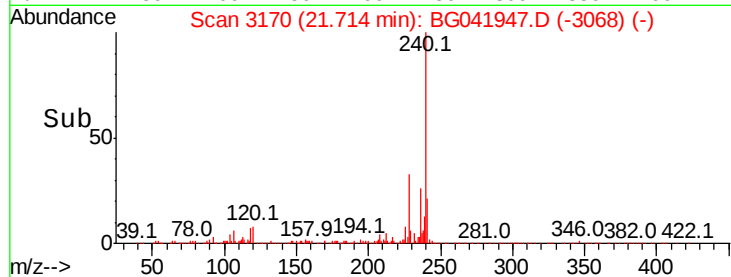
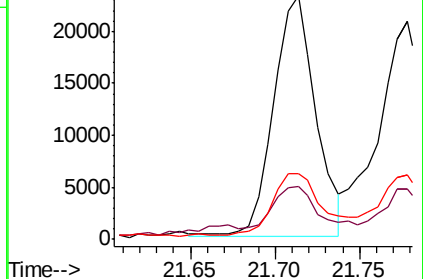
226 26.9 23.3 34.9



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: 1.636 ng/ul

RT: 21.78 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BG041947.D

Acq: 4 Aug 2019 18:14

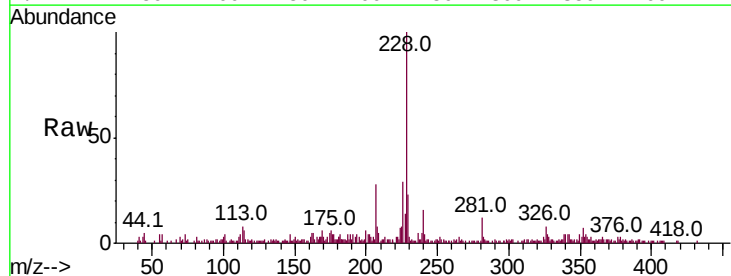
Tgt Ion:228 Resp: 41870

Ion Ratio Lower Upper

228 100

226 29.3 25.7 38.5

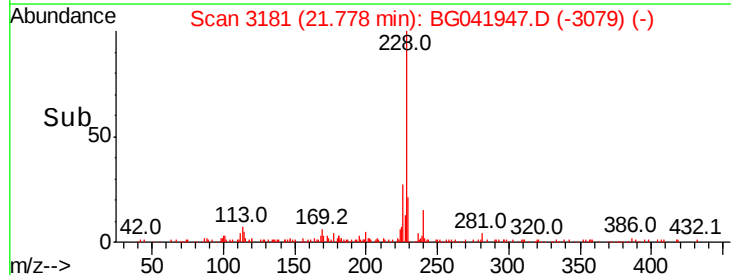
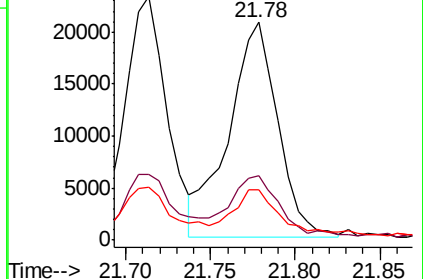
229 22.9 16.6 24.8

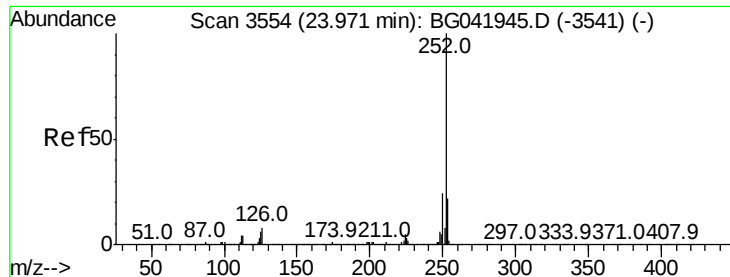


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

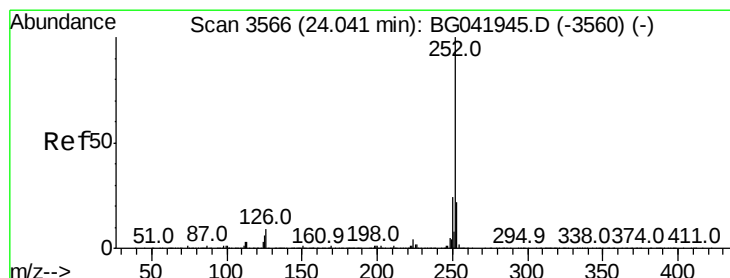
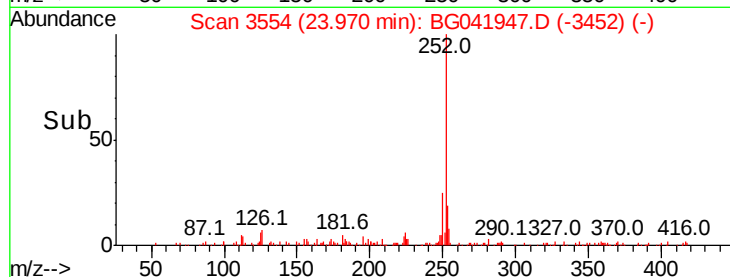
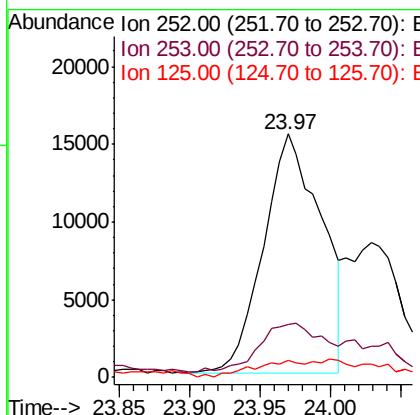
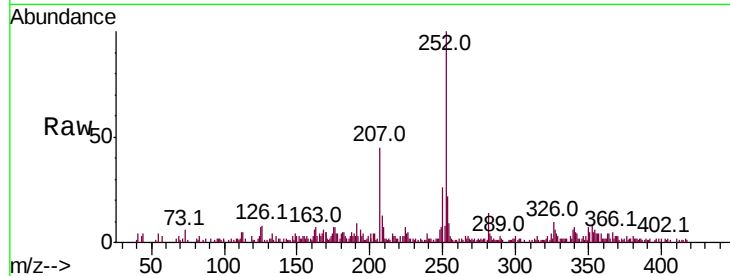




#87
Benzo(b)fluoranthene
Concen: 1.704 ng/ul
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG041947.D
Acq: 4 Aug 2019 18:14

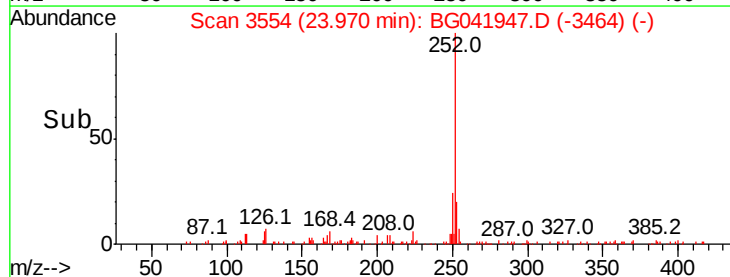
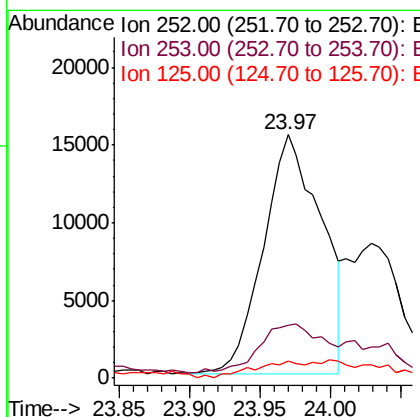
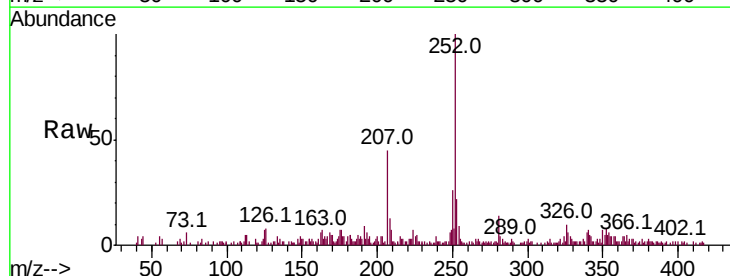
Instrument :
BNA_G
ClientSampleId :

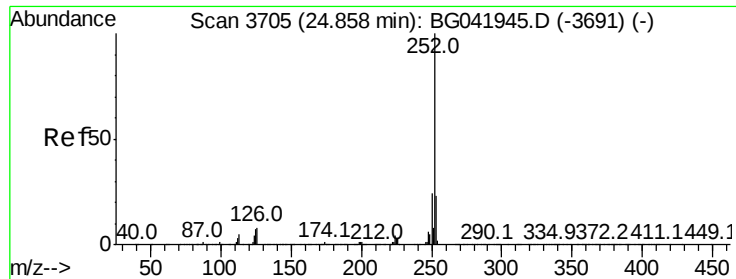
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	7.1	5.8	8.8



#88
Benzo(k)fluoranthene
Concen: 1.772 ng/ul
RT: 23.97 min Scan# 3554
Delta R.T. -0.07 min
Lab File: BG041947.D
Acq: 4 Aug 2019 18:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	7.1	5.5	8.3





#90

Benzo(a)pyrene

Concen: 1.516 ng/ul

RT: 24.86 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG041947.D

Acq: 4 Aug 2019 18:14

Instrument :

BNA_G

ClientSampleId :

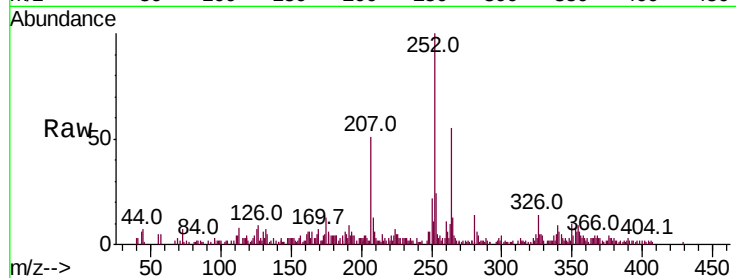
Tot Ion:252 Resp: 37569

Ion Ratio Lower Upper

252 100

253 23.5 18.3 27.5

125 7.1 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

