

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041954.D
 Acq On : 4 Aug 2019 22:43
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 05 09:18:30 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	69970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	287314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	202355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	483547	20.00	ng/ul	0.09
77) Chrysene-d12	21.73	240	425288	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	471266	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	4067	2.54	ng/uL	0.00
5) Phenol-d5	7.18	99	97588	17.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	59839	19.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	91562	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	63378	13.75	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	49521	22.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	60312	24.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	105050	20.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	92527	16.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	354043	22.56	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	411732	22.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	38118	14.46	ng/ul	0.00
57) Fluorene-d10	15.69	176	319312	22.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	198	0.06	ng/ul	0.09
70) Anthracene-d10	17.54	188	483547	20.84	ng/ul	0.00
78) Pyrene-d10	19.83	212	543593	22.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	591039	24.01	ng/ul	0.00

Target Compounds

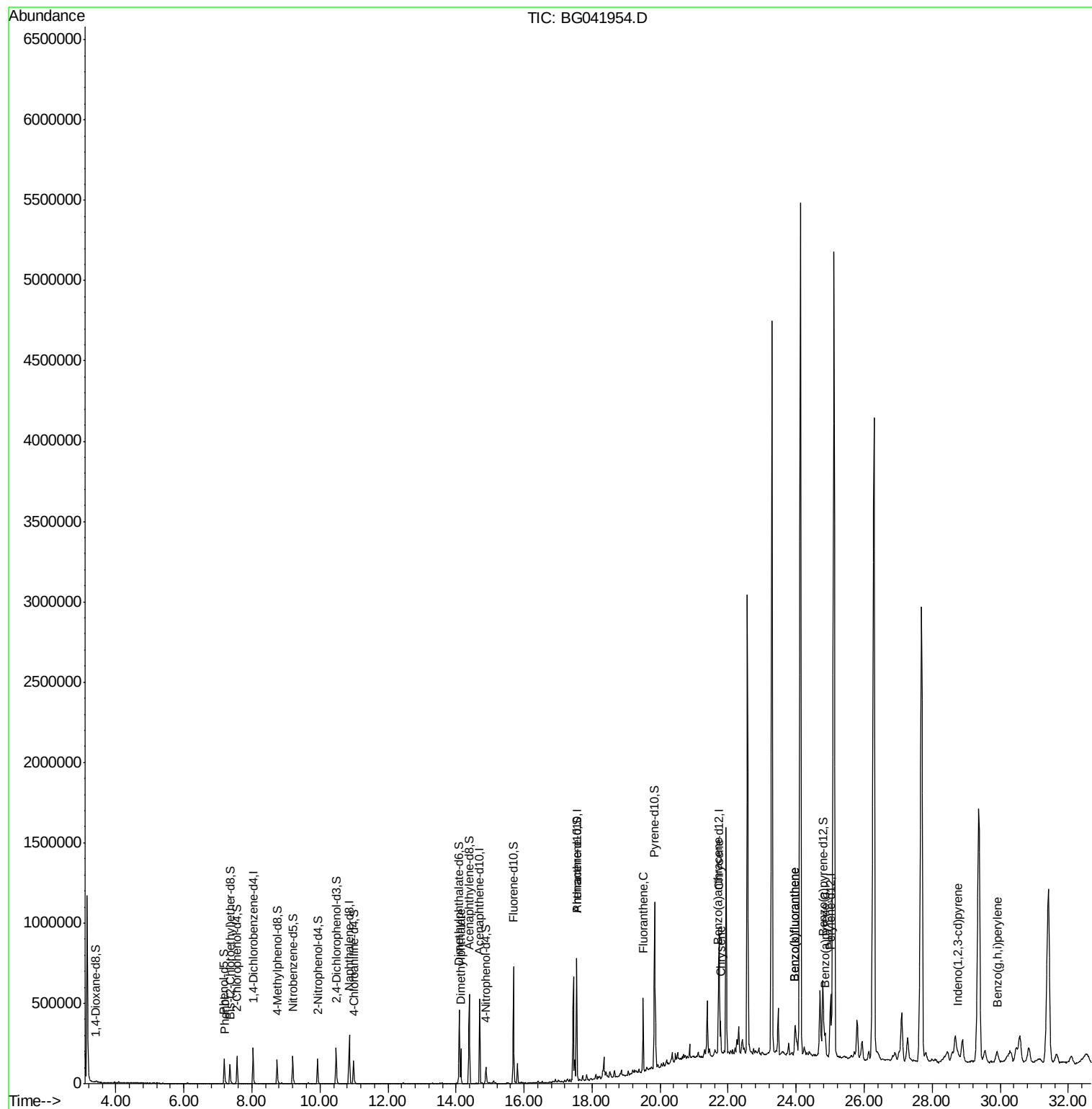
					Ovalue	
6) Phenol	7.21	94	5676	1.001	ng/ul#	91
44) Dimethylphthalate	14.14	163	154535	9.917	ng/ul	99
76) Fluoranthene	19.50	202	303428	9.920	ng/ul	96
82) Benzo(a)anthracene	21.71	228	143174	4.855	ng/ul	98
84) Chrysene	21.78	228	168471	6.121	ng/ul	97
87) Benzo(b)fluoranthene	23.97	252	260467	8.807	ng/ul	98
88) Benzo(k)fluoranthene	23.97	252	260467	9.160	ng/ul	98
90) Benzo(a)pyrene	24.85	252	160693	5.702	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.74	276	64818	1.972	ng/ul	97
93) Benzo(a,h,i)perylene	29.91	276	57202	2.084	ng/ul	99

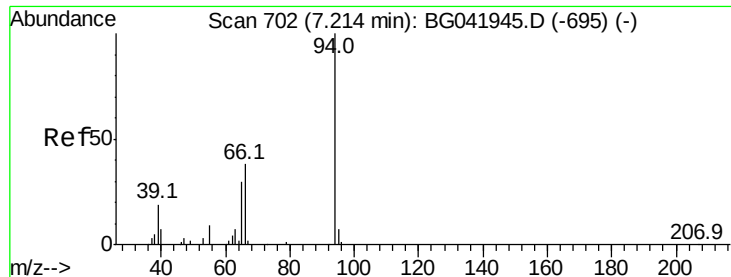
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.001 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

Instrument :

BNA_G

ClientSampleId :

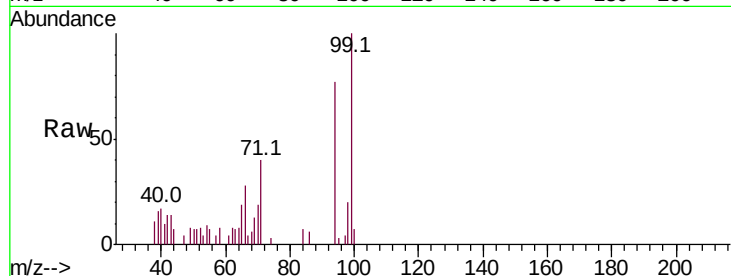
Tot Ion: 94 Resp: 5676

Ion Ratio Lower Upper

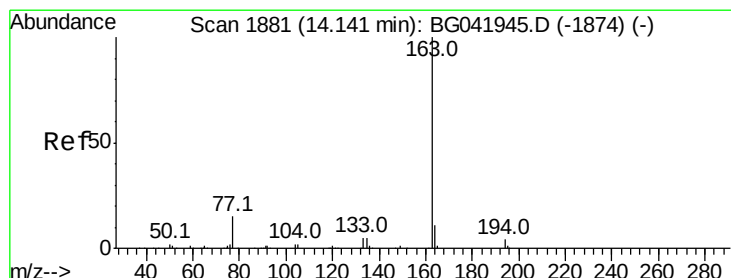
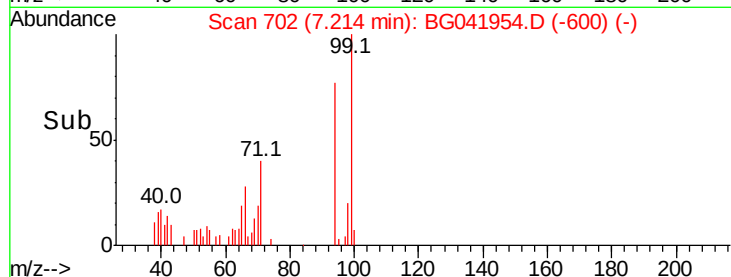
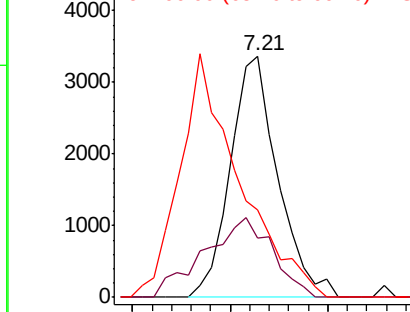
94 100

65 24.4 25.8 38.6#

66 36.2 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: 9.917 ng/ul

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

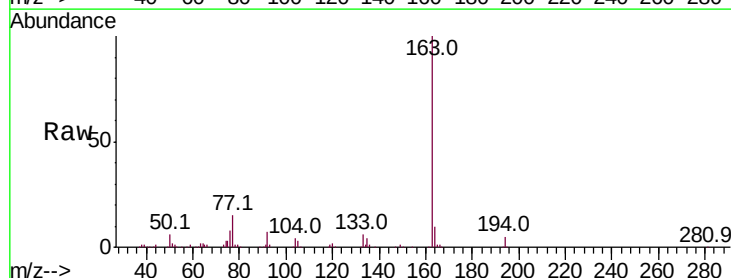
Tgt Ion:163 Resp: 154535

Ion Ratio Lower Upper

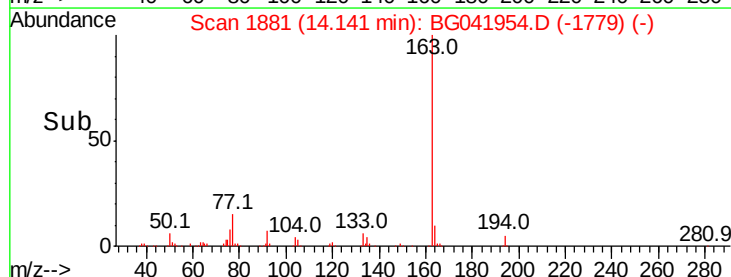
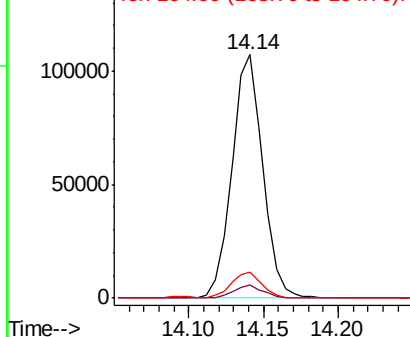
163 100

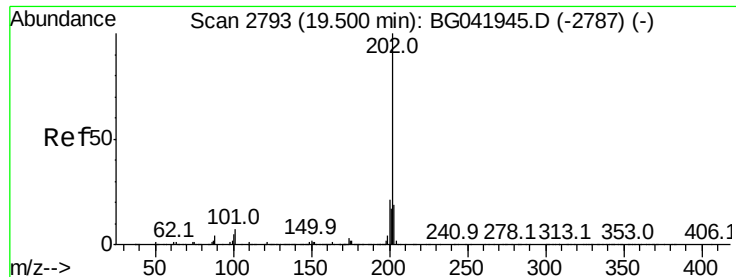
194 5.2 4.2 6.2

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

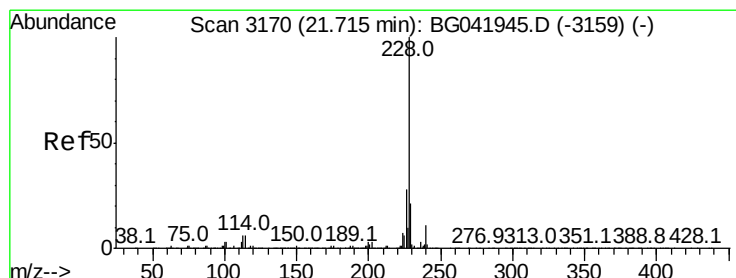
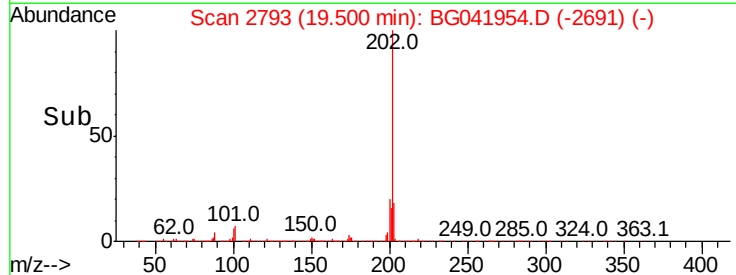
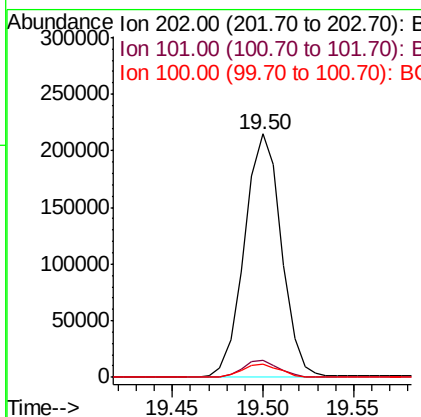
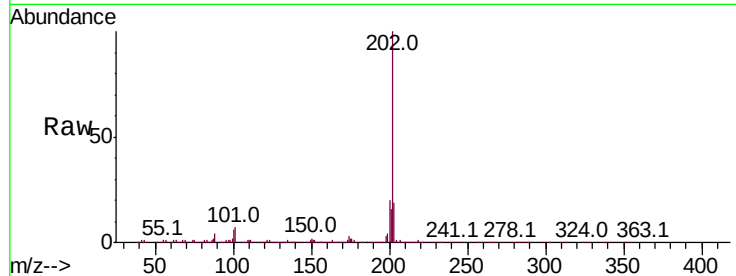




#76
 Fluoranthene
 Concen: 9.920 ng/ul
 RT: 19.50 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: BG041954.D
 Acq: 4 Aug 2019 22:43

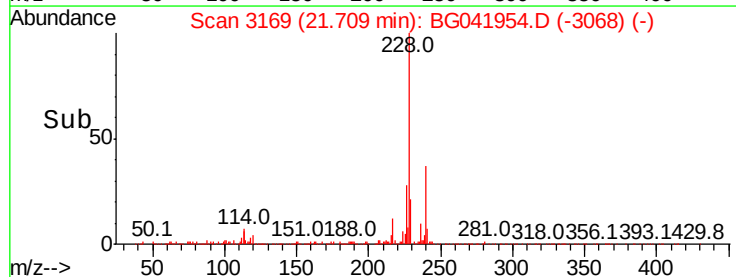
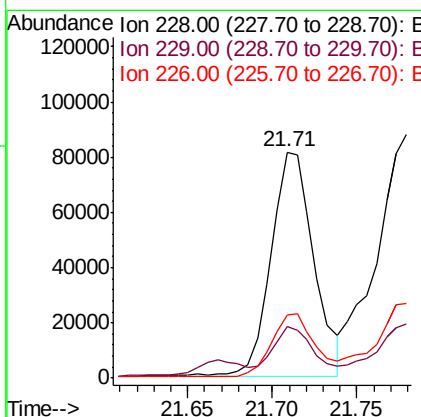
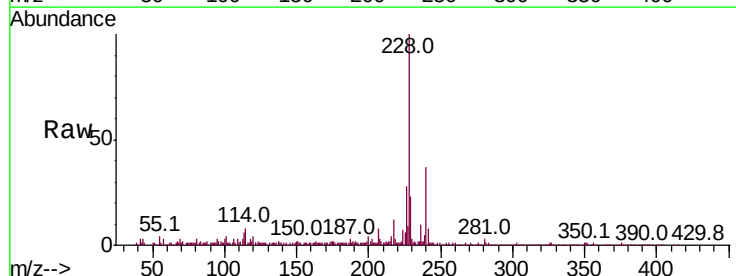
Instrument :
 BNA_G
 ClientSampled :

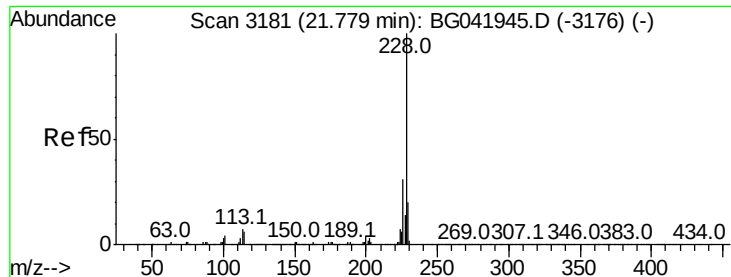
Tot Ion:	202	Resp:	303428
Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.7	10.1
100	5.5	5.3	7.9



#82
 Benzo(a)anthracene
 Concen: 4.855 ng/ul
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG041954.D
 Acq: 4 Aug 2019 22:43

Tgt Ion:	228	Resp:	143174
Ion	Ratio	Lower	Upper
228	100		
229	22.8	17.0	25.6
226	28.1	23.3	34.9





#84

Chrysene

Concen: 6.121 ng/ul

RT: 21.78 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

Instrument :

BNA_G

ClientSampleId :

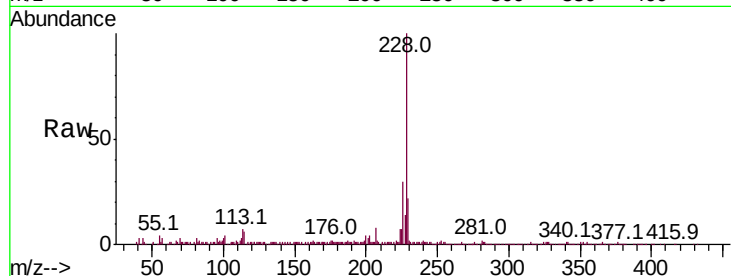
Tot Ion:228 Resp: 168471

Ion Ratio Lower Upper

228 100

226 30.4 25.7 38.5

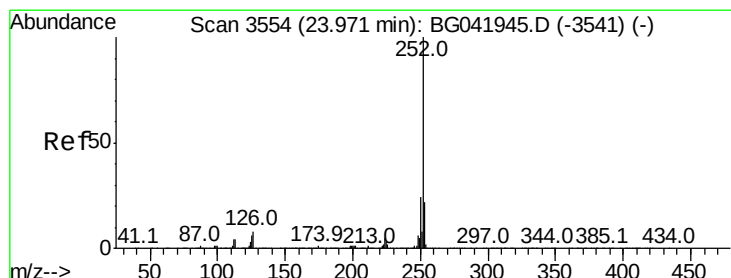
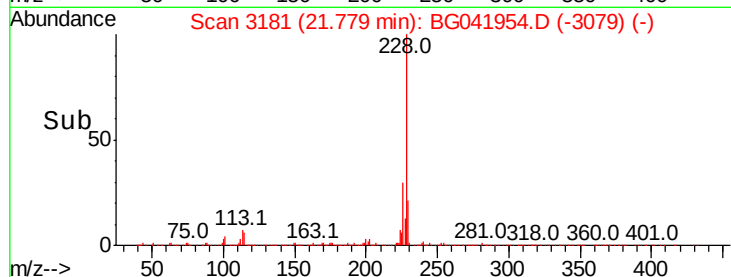
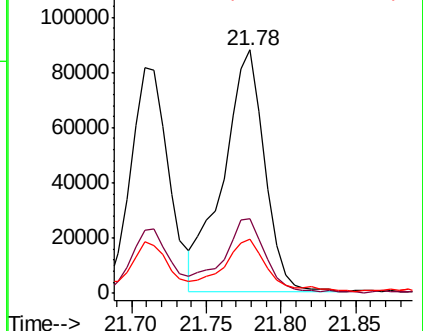
229 22.0 16.6 24.8



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: 8.807 ng/ul

RT: 23.97 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

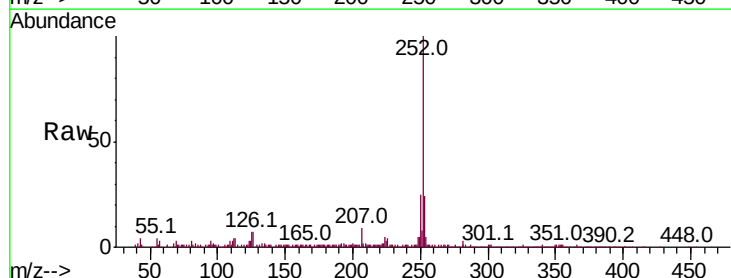
Tgt Ion:252 Resp: 260467

Ion Ratio Lower Upper

252 100

253 24.0 18.4 27.6

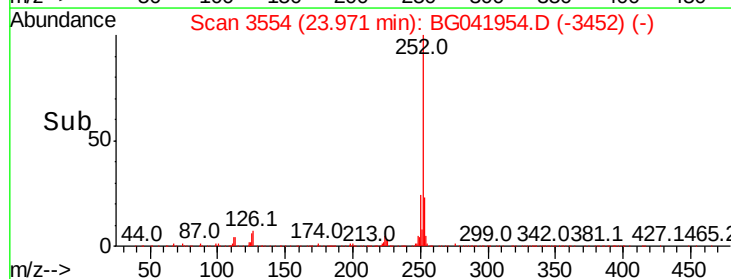
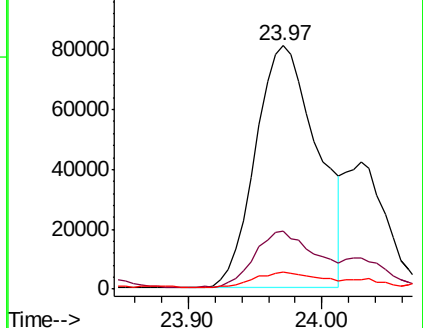
125 7.0 5.8 8.8

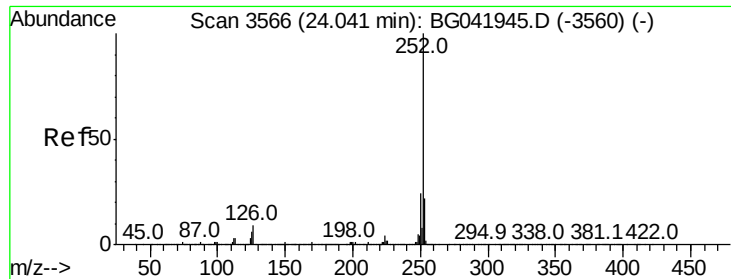


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 9.160 ng/ul

RT: 23.97 min Scan# 3554

Delta R.T. -0.07 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

Instrument :

BNA_G

ClientSampleId :

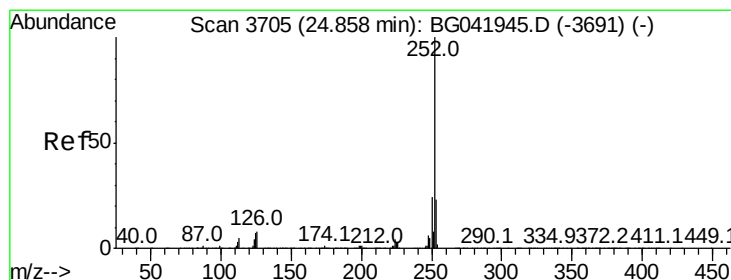
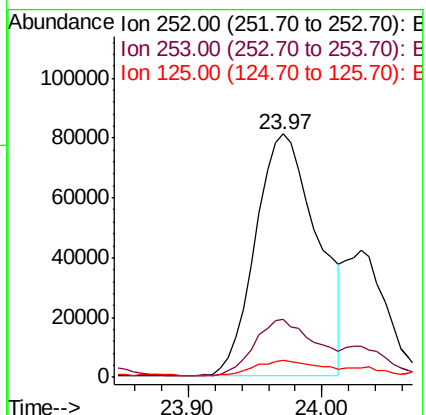
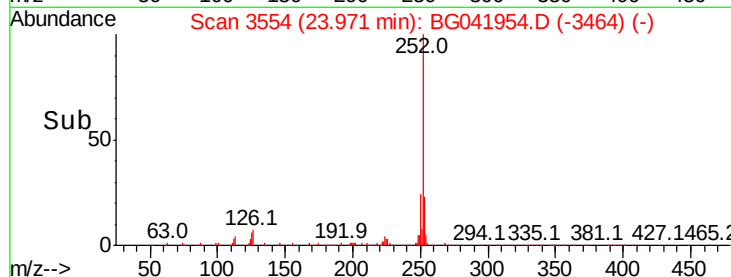
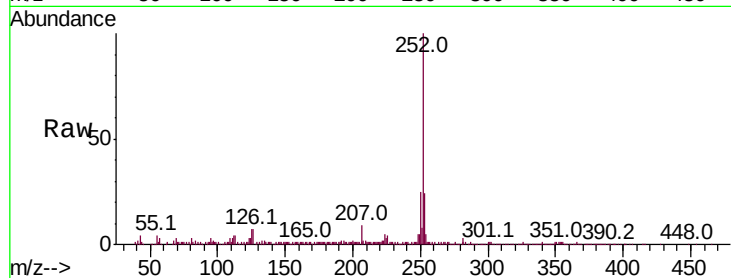
Tot Ion:252 Resp: 260467

Ion Ratio Lower Upper

252 100

253 24.0 18.3 27.5

125 7.0 5.5 8.3



#90

Benzo(a)pyrene

Concen: 5.702 ng/ul

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

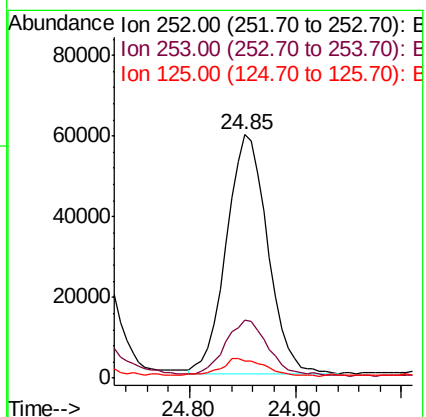
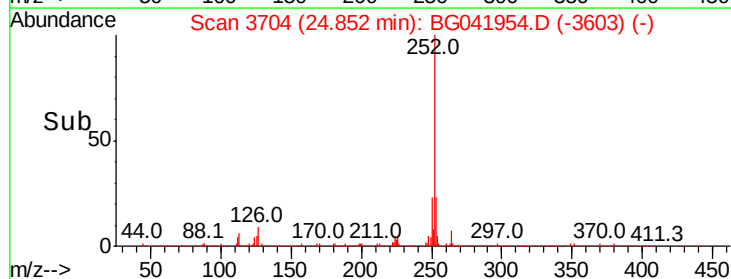
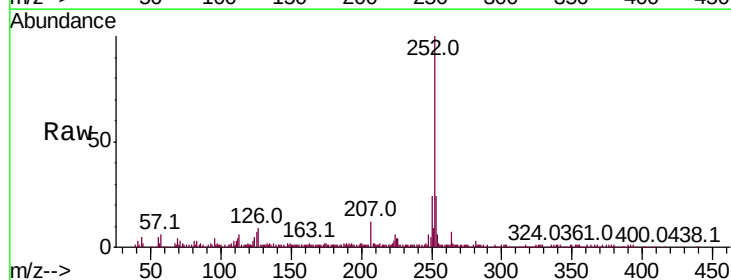
Tgt Ion:252 Resp: 160693

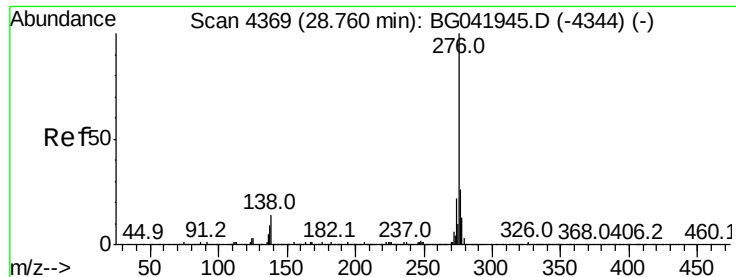
Ion Ratio Lower Upper

252 100

253 23.8 18.3 27.5

125 6.8 6.5 9.7





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.972 ng/ul

RT: 28.74 min Scan# 4366

Delta R.T. -0.02 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

Instrument :

BNA_G

ClientSampleId :

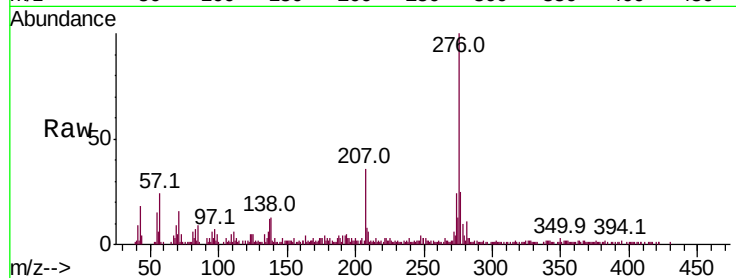
Tot Ion:276 Resp: 64818

Ion Ratio Lower Upper

276 100

138 13.3 12.0 18.0

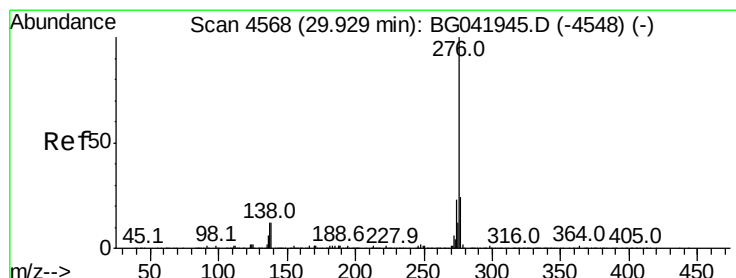
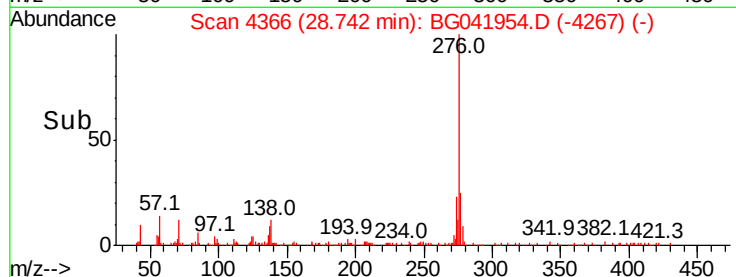
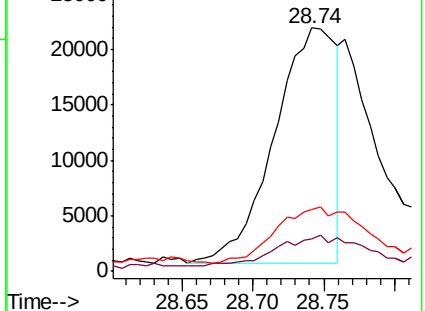
277 25.4 19.2 28.8



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



#93

Benzo(g,h,i)perylene

Concen: 2.084 ng/ul

RT: 29.91 min Scan# 4565

Delta R.T. -0.02 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

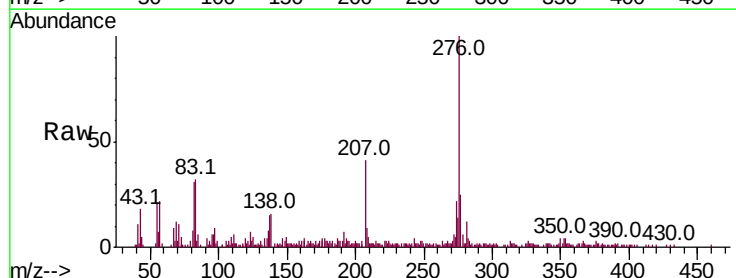
Tgt Ion:276 Resp: 57202

Ion Ratio Lower Upper

276 100

138 15.6 12.6 18.8

277 24.8 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

