

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047806.D
 Acq On : 23 Dec 2020 19:55
 Operator : CG/JU
 Sample : L5112-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A54N4

Quant Time: Dec 23 23:39:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 23:29:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	27070	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	103145	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	79738	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	194200	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	186324	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	188541	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	2531	4.98	ng/uL	0.00
5) Phenol-d5	7.33	99	52419	22.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	28828	24.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	38501	21.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	41441	22.54	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	19291	22.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	25805	25.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	46897	21.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	48668	24.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	158964	22.95	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	188434	23.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	18023	17.55	ng/ul	0.00
58) Fluorene-d10	15.80	176	143878	22.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	27397	20.84	ng/ul	0.00
71) Anthracene-d10	17.65	188	233856	24.14	ng/ul	0.00
79) Pyrene-d10	19.92	212	271626	24.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	274296	24.91	ng/ul	0.00

Target Compounds

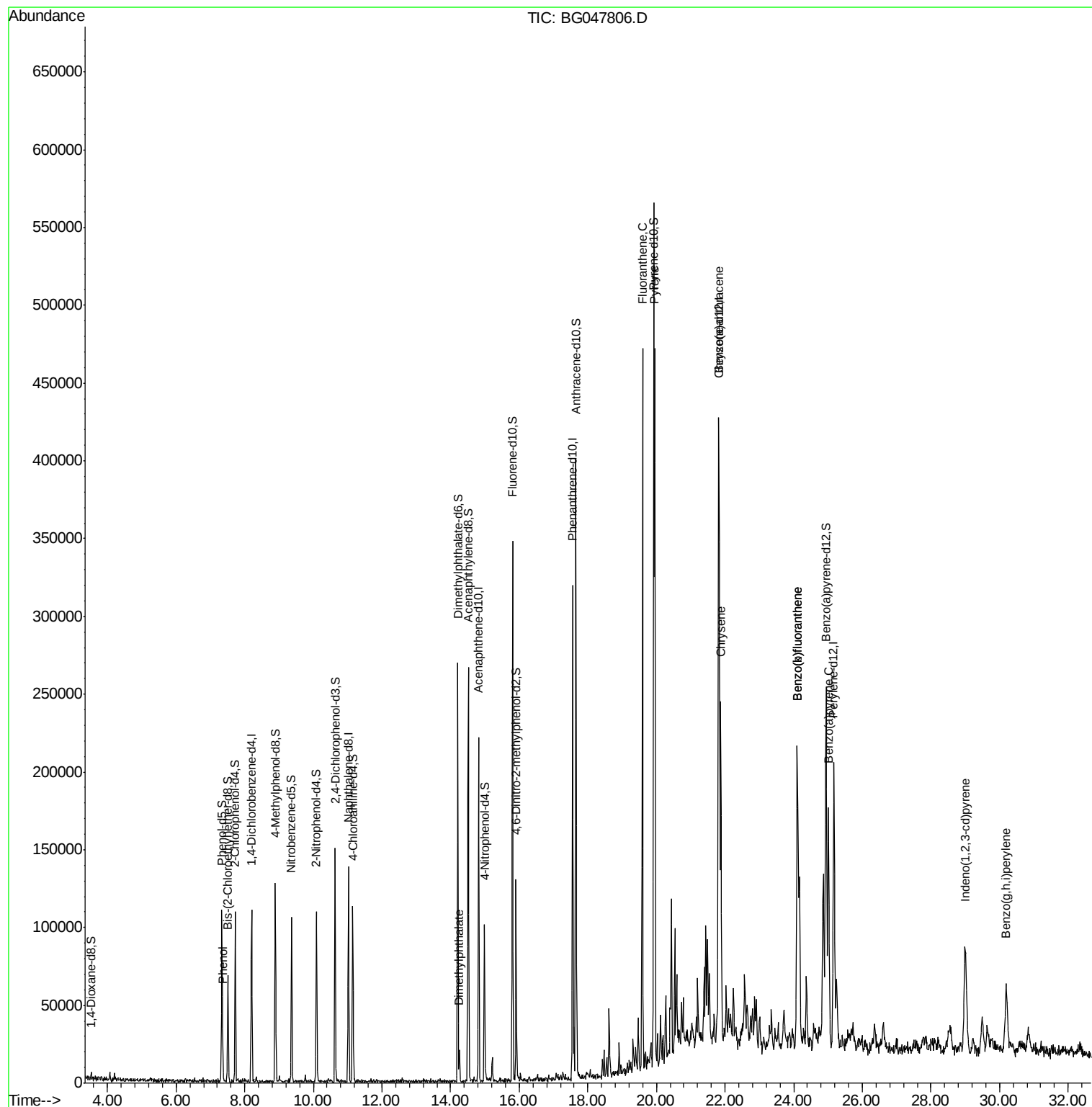
				Ovalue	
6) Phenol	7.36	94	3536	1.616	ng/ul# 84
45) Dimethylphthalate	14.26	163	12393	1.766	ng/ul# 99
77) Fluoranthene	19.59	202	297451	22.210	ng/ul 99
80) Pyrene	19.95	202	303422	22.391	ng/ul# 98
83) Benzo(a)anthracene	21.81	228	211411	15.882	ng/ul 96
85) Chrysene	21.87	228	164491	13.093	ng/ul 93
88) Benzo(b)fluoranthene	24.11	252	265632	20.183	ng/ul# 96
89) Benzo(k)fluoranthene	24.11	252	265632	20.365	ng/ul 94
91) Benzo(a)pyrene	25.01	252	192581	16.226	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	28.99	276	123340	8.522	ng/ul# 97
94) Benzo(g,h,i)perylene	30.19	276	47029	3.958	ng/ul# 90

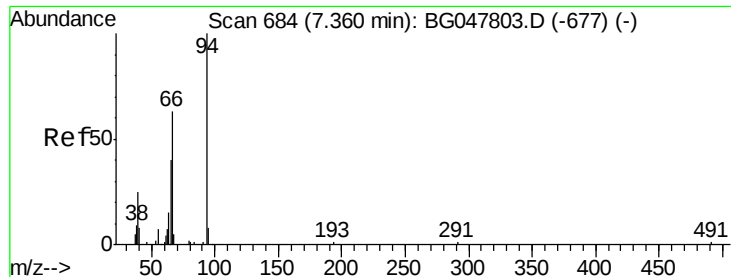
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.616 ng/ul

RT: 7.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG047806.D

Acq: 23 Dec 2020 19:55

Instrument :

BNA_G

ClientSampleId :

A54N4

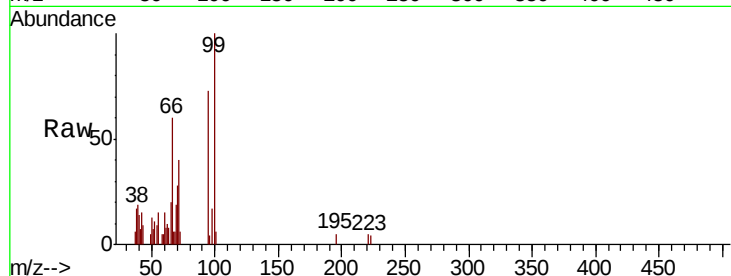
Tot Ion: 94 Resp: 3536

Ion Ratio Lower Upper

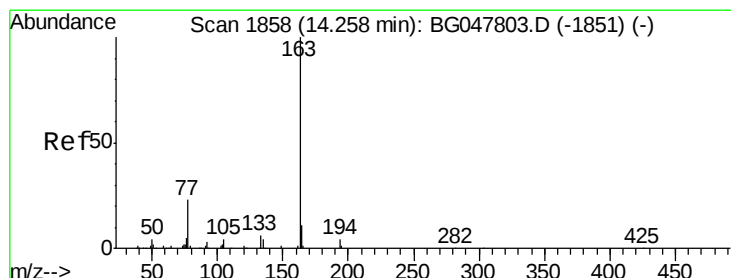
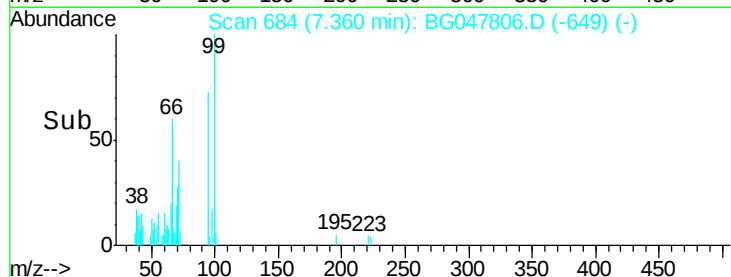
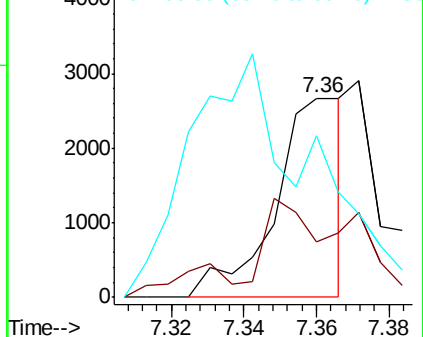
94 100

65 27.8 35.4 53.0#

66 81.5 58.3 87.5



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



#45

Dimethylphthalate

Concen: 1.766 ng/ul

RT: 14.26 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BG047806.D

Acq: 23 Dec 2020 19:55

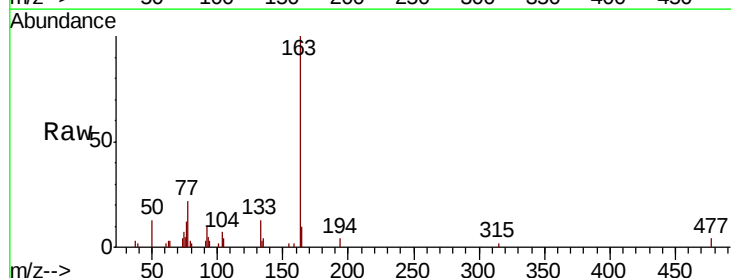
Tgt Ion: 163 Resp: 12393

Ion Ratio Lower Upper

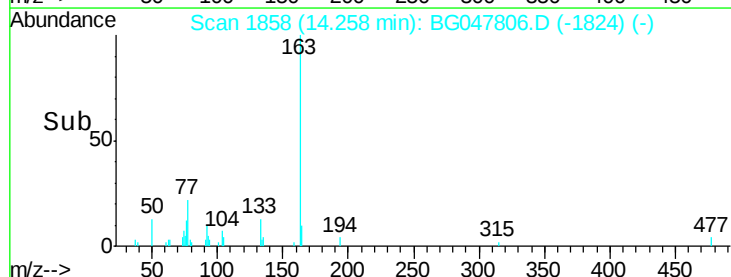
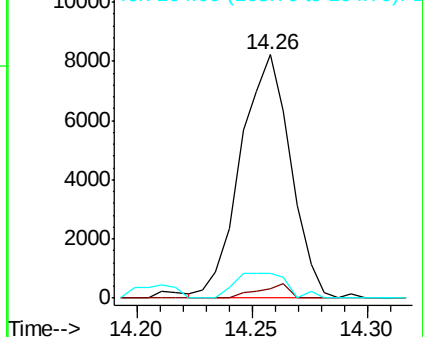
163 100

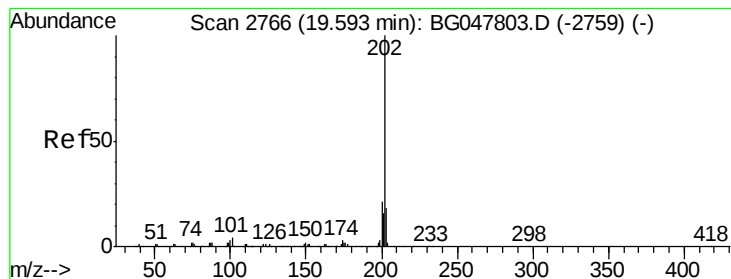
194 3.7 3.8 5.6#

164 10.3 8.1 12.1



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





#77

Fluoranthene

Concen: 22.210 ng/ul

RT: 19.59 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BG047806.D

Acq: 23 Dec 2020 19:55

Instrument :

BNA_G

ClientSampleId :

A54N4

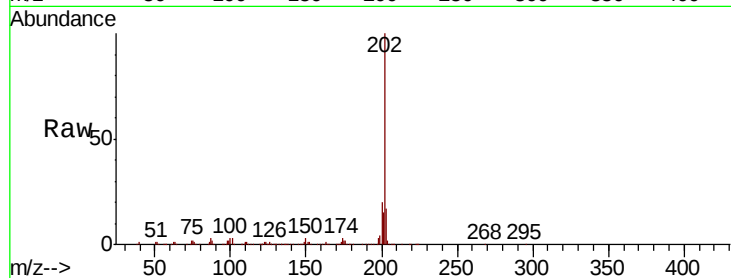
Tot Ion:202 Resp: 297451

Ion Ratio Lower Upper

202 100

101 2.8 2.8 4.2

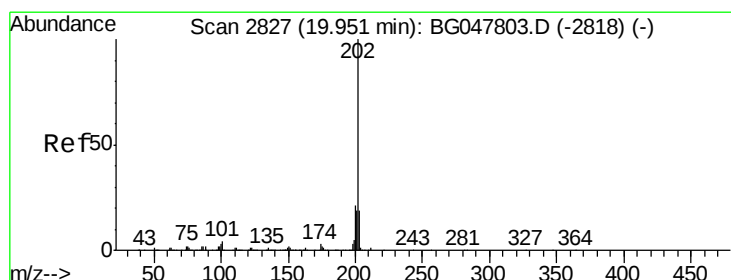
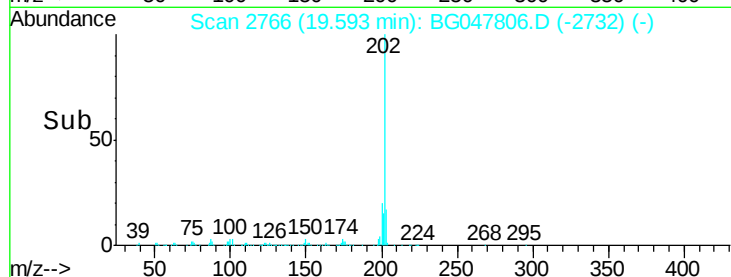
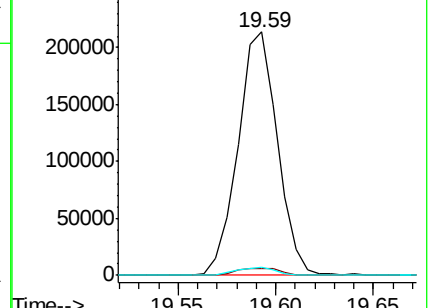
100 3.3 2.5 3.7



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



#80

Pyrene

Concen: 22.391 ng/ul

RT: 19.95 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG047806.D

Acq: 23 Dec 2020 19:55

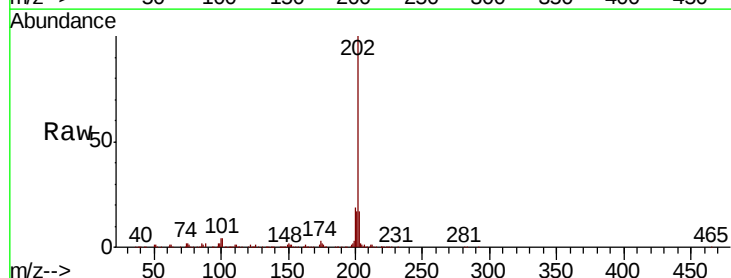
Tgt Ion:202 Resp: 303422

Ion Ratio Lower Upper

202 100

101 3.9 3.7 5.5

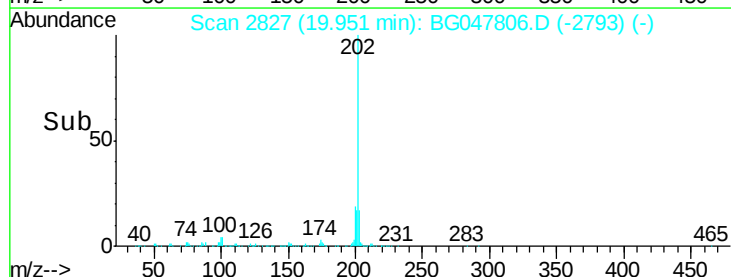
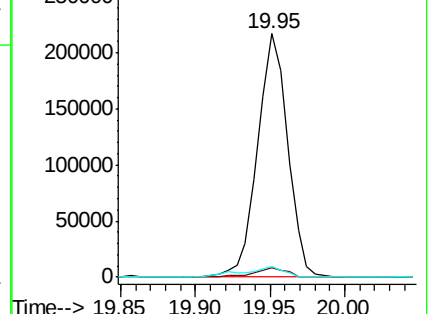
100 4.2 2.7 4.1#

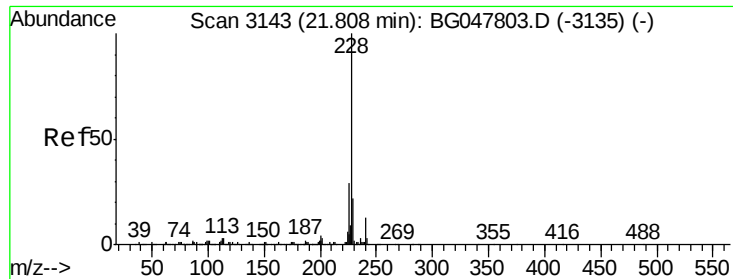


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 15.882 ng/ul

RT: 21.81 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG047806.D

Acq: 23 Dec 2020 19:55

Instrument :

BNA_G

ClientSampleId :

A54N4

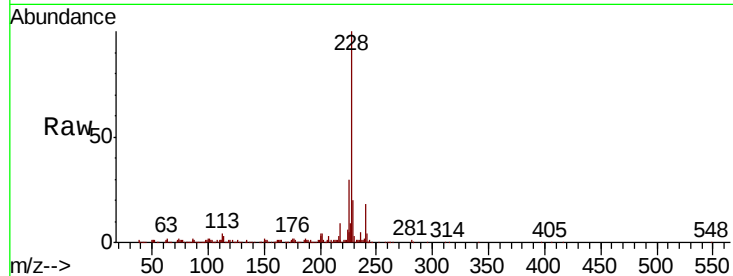
Tot Ion:228 Resp: 211411

Ion Ratio Lower Upper

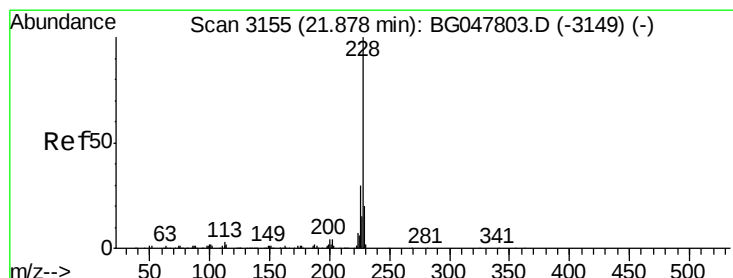
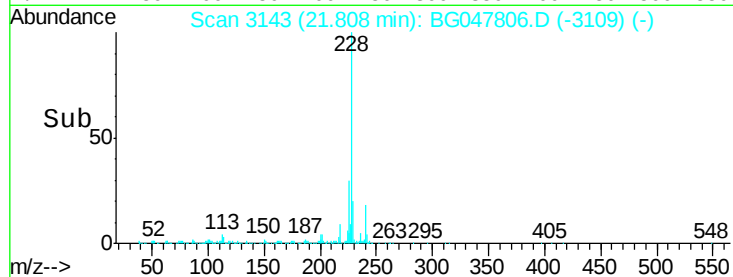
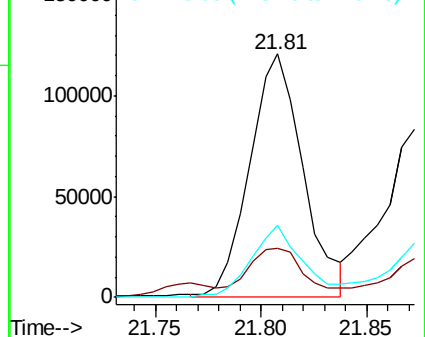
228 100

229 20.0 17.0 25.4

226 29.7 21.3 31.9



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



#85

Chrysene

Concen: 13.093 ng/ul

RT: 21.87 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG047806.D

Acq: 23 Dec 2020 19:55

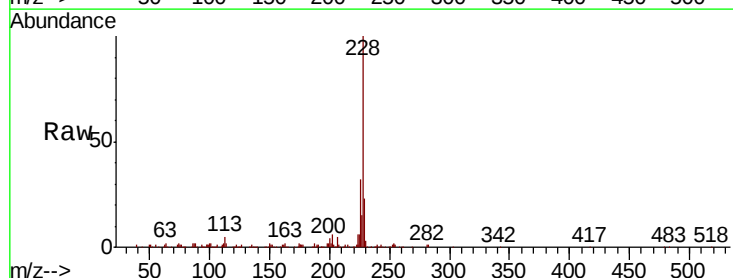
Tgt Ion:228 Resp: 164491

Ion Ratio Lower Upper

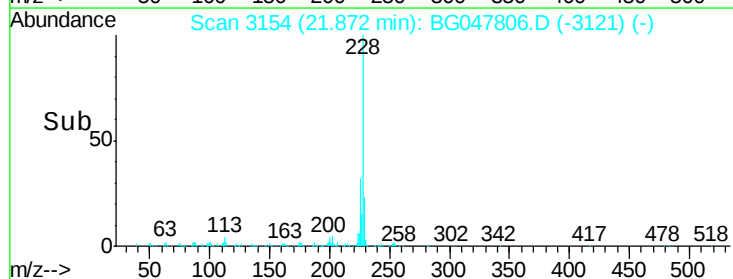
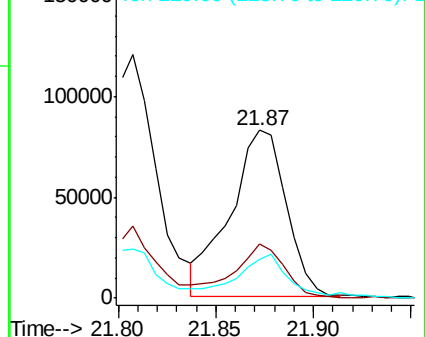
228 100

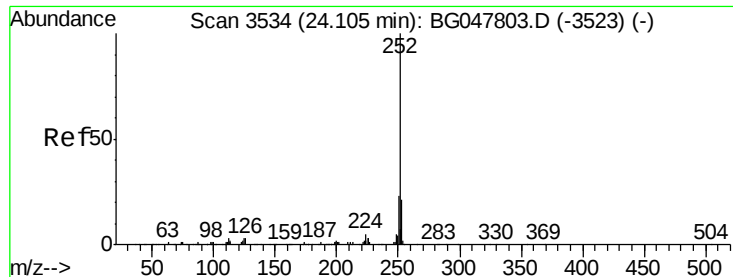
226 32.1 23.0 34.4

229 23.2 16.0 24.0



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





#88

Benzo(b)fluoranthene

Concen: 20.183 ng/ul

RT: 24.11 min Scan# 3534

Delta R.T. -0.00 min

Lab File: BG047806.D

Acq: 23 Dec 2020 19:55

Instrument :

BNA_G

ClientSampleId :

A54N4

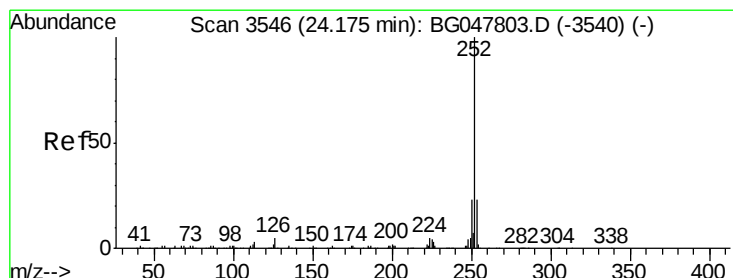
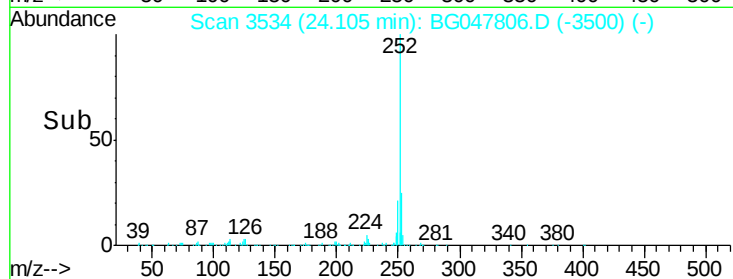
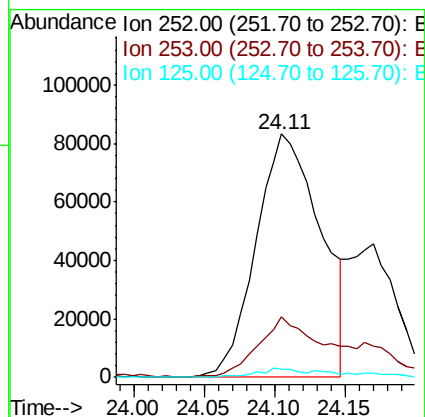
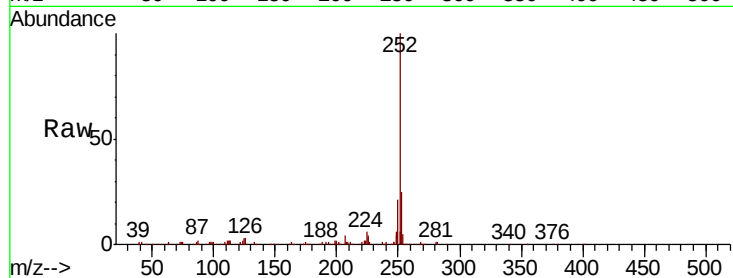
Tot Ion:252 Resp: 265632

Ion Ratio Lower Upper

252 100

253 24.7 18.2 27.2

125 3.3 2.2 3.2#



#89

Benzo(k)fluoranthene

Concen: 20.365 ng/ul

RT: 24.11 min Scan# 3534

Delta R.T. -0.07 min

Lab File: BG047806.D

Acq: 23 Dec 2020 19:55

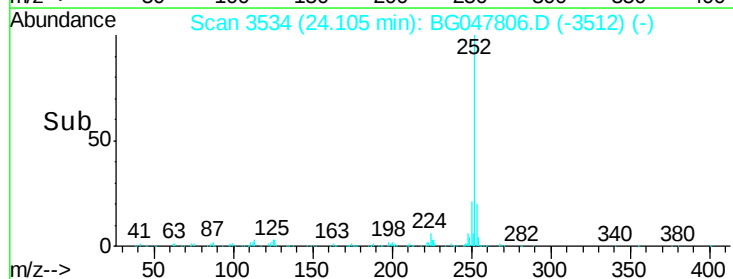
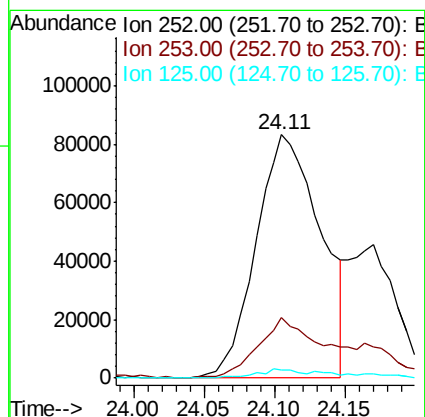
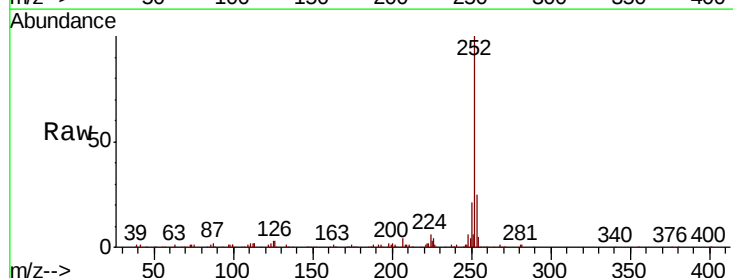
Tgt Ion:252 Resp: 265632

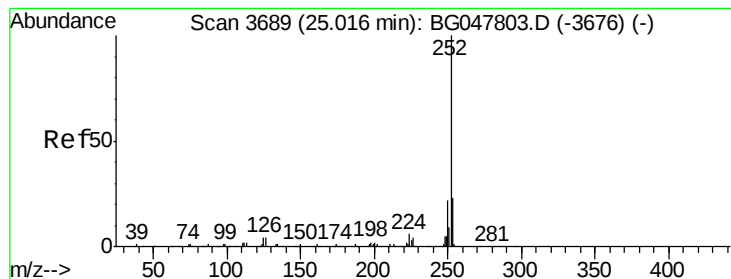
Ion Ratio Lower Upper

252 100

253 24.7 17.2 25.8

125 3.3 3.1 4.7





#91

Benzo(a)pyrene

Concen: 16.226 ng/ul

RT: 25.01 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BG047806.D

Acq: 23 Dec 2020 19:55

Instrument :

BNA_G

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A54N4

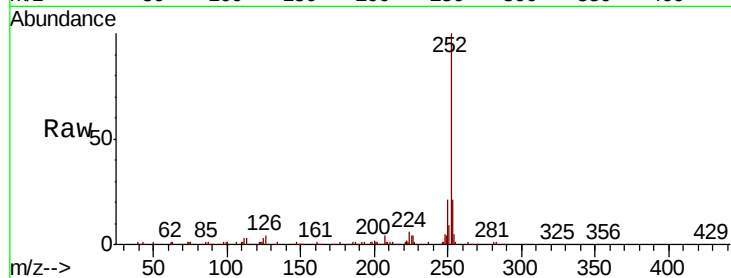
Tot Ion:252 Resp: 192581

Ion Ratio Lower Upper

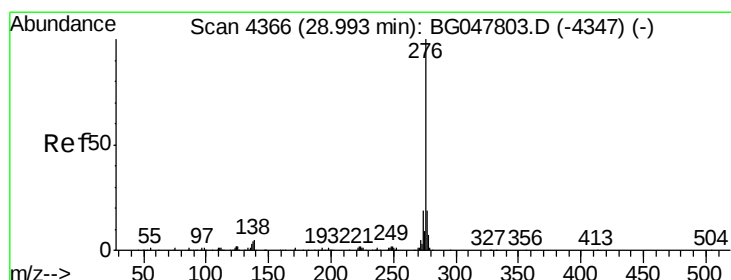
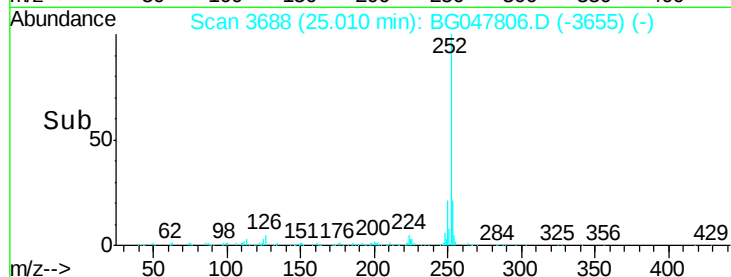
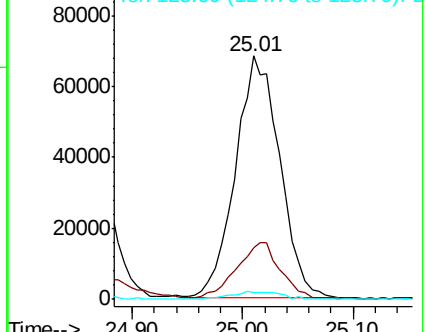
252 100

253 21.0 17.1 25.7

125 2.6 2.2 3.2



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 8.522 ng/ul

RT: 28.99 min Scan# 4366

Delta R.T. -0.01 min

Lab File: BG047806.D

Acq: 23 Dec 2020 19:55

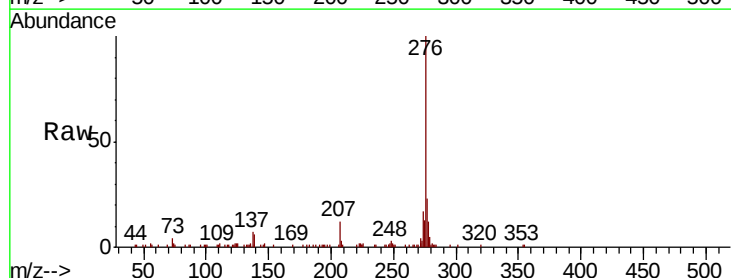
Tgt Ion:276 Resp: 123340

Ion Ratio Lower Upper

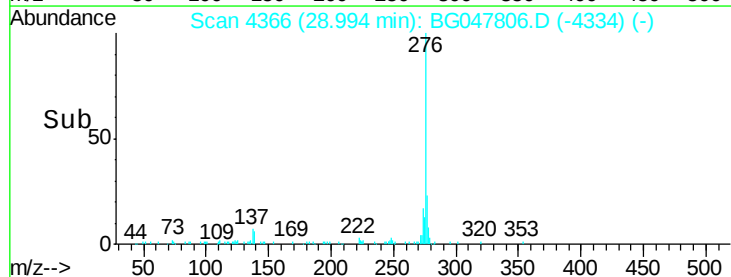
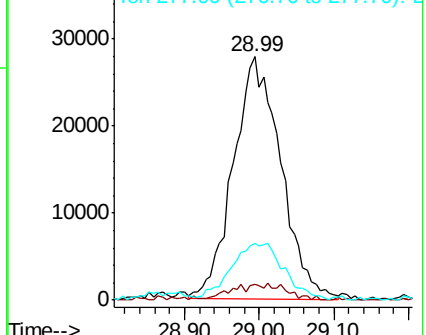
276 100

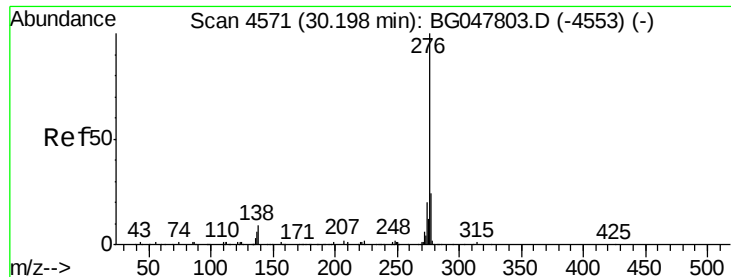
138 7.5 4.6 7.0#

277 23.3 19.9 29.9



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





#94

Benzo(a,h,i)perylene

Concen: 3.958 ng/ul

RT: 30.19 min Scan# 4570

Delta R.T. -0.01 min

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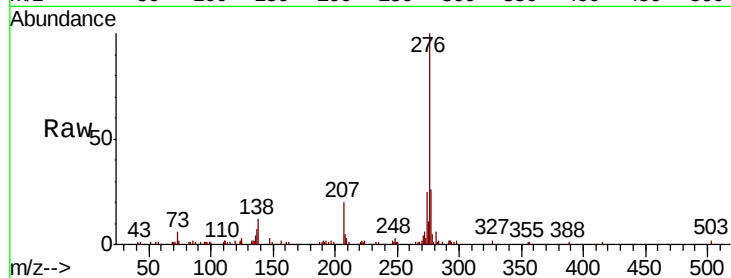
Tot Ion:276 Resp: 47029

Ion Ratio Lower Upper

276 100

138 11.6 5.4 8.0#

277 26.2 17.8 26.8



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

