

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047456.D
 Acq On : 24 Nov 2020 21:30
 Operator : CG/JU
 Sample : L4751-14
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B86

Quant Time: Nov 25 01:23:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 25 01:15:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	30571	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	128954	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	93040	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	146221	20.00	ng/ul	0.10
78) Chrysene-d12	21.90	240	180747	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	191589	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	1543	1.83	ng/uL	0.00
5) Phenol-d5	7.40	99	32001	10.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	22181	12.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	28273	13.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	24527	10.41	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	15602	14.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	16250	13.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	33744	12.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	33525	12.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	105688	13.23	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	125325	13.58	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	8234	6.76	ng/ul	0.00
58) Fluorene-d10	15.87	176	97880	13.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	5488	6.59	ng/ul	0.00
71) Anthracene-d10	17.72	188	145743	20.09	ng/ul	0.00
79) Pyrene-d10	19.98	212	167895	15.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	166670	15.11	ng/ul	0.00

Target Compounds

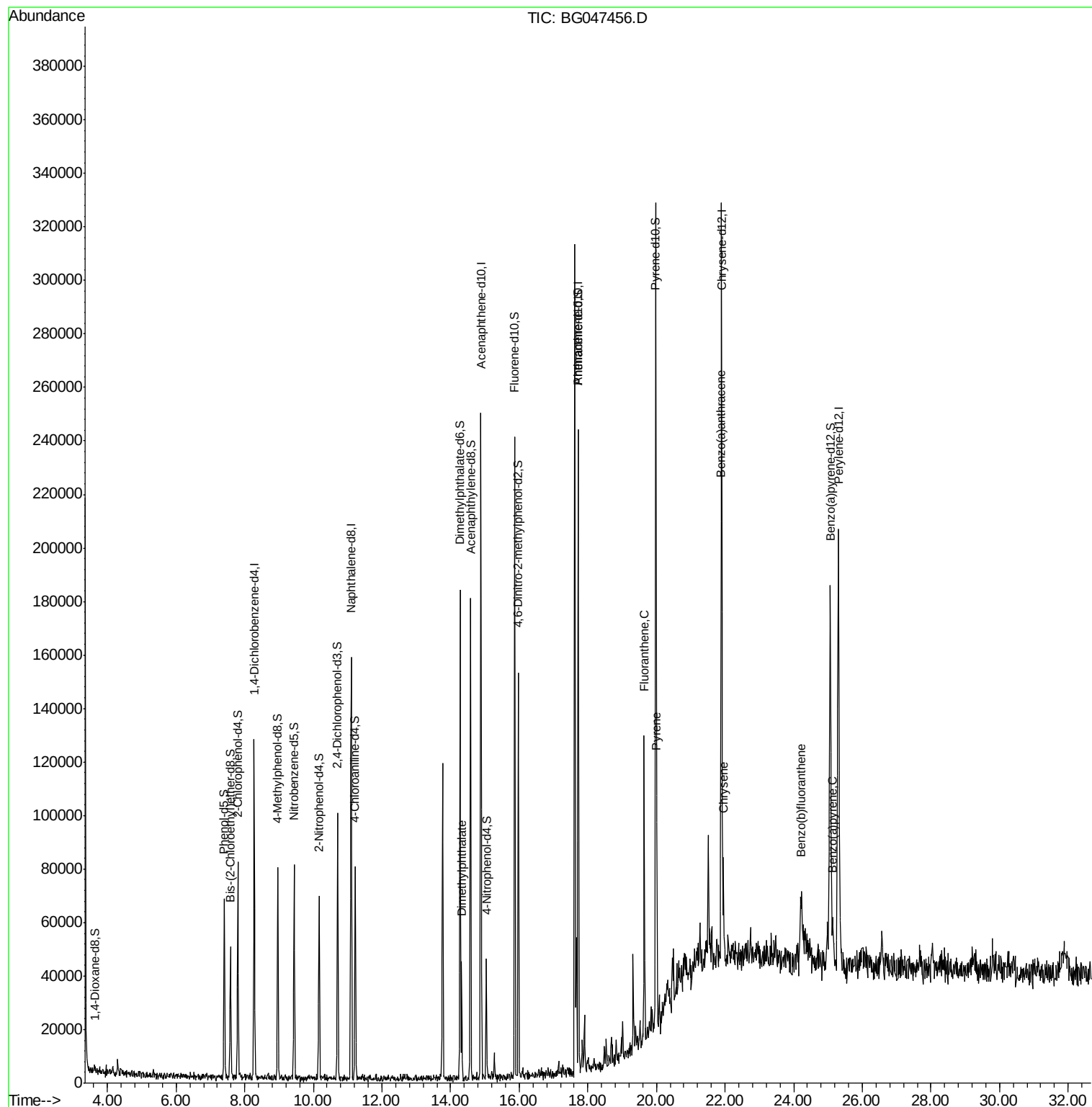
					Ovalue	
45) Dimethylphthalate	14.32	163	23862	2.929	ng/ul#	97
77) Fluoranthene	19.65	202	61405	6.158	ng/ul	99
80) Pyrene	20.01	202	50368	3.934	ng/ul#	98
83) Benzo(a)anthracene	21.88	228	26968	2.097	ng/ul	98
85) Chrysene	21.94	228	26766	2.187	ng/ul	99
88) Benzo(b)fluoranthene	24.22	252	32503	2.403	ng/ul#	98
91) Benzo(a)pyrene	25.13	252	19185	1.591	ng/ul#	87

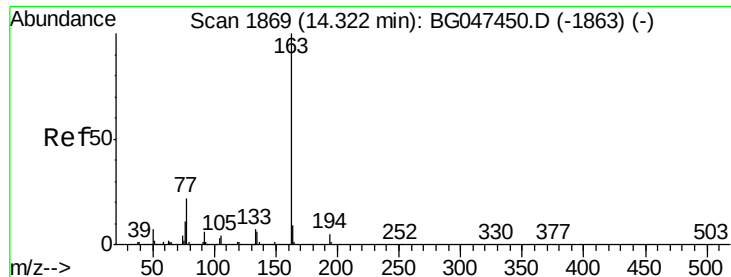
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 2.929 ng/ul

RT: 14.32 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG047456.D

Acq: 24 Nov 2020 21:30

Instrument :

BNA_G

ClientSampleId :

C0B86

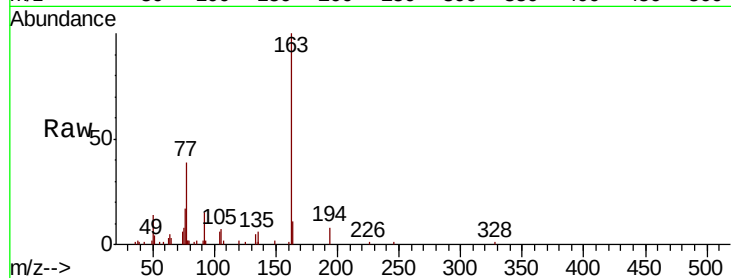
Tot Ion:163 Resp: 23862

Ion Ratio Lower Upper

163 100

194 7.5 3.6 5.4#

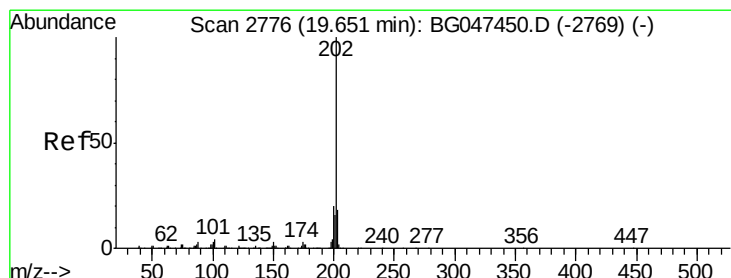
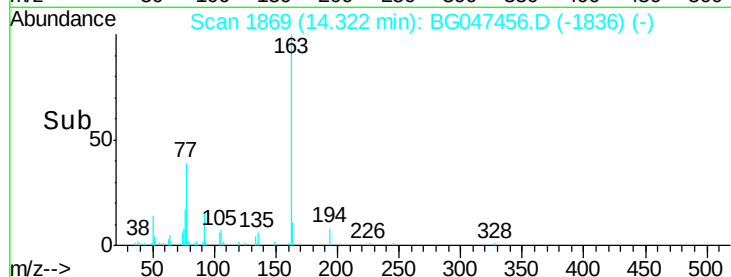
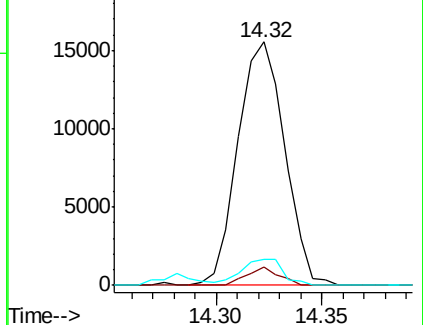
164 10.5 8.5 12.7



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: 6.158 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG047456.D

Acq: 24 Nov 2020 21:30

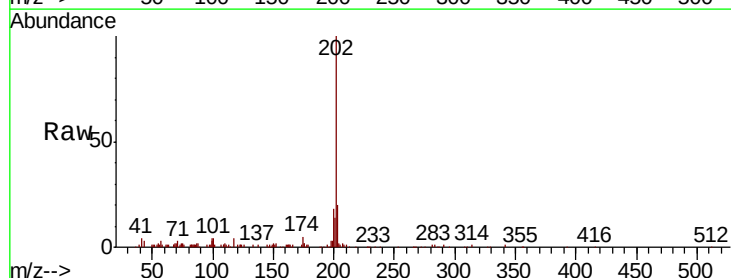
Tgt Ion:202 Resp: 61405

Ion Ratio Lower Upper

202 100

101 4.4 3.0 4.6

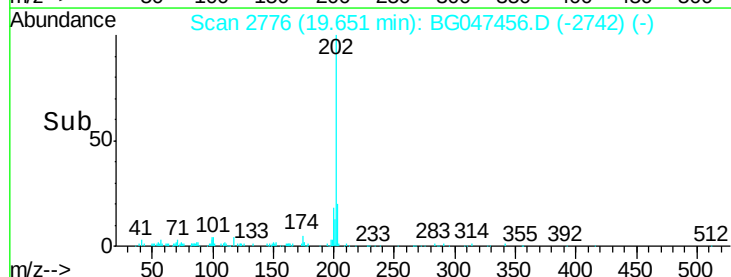
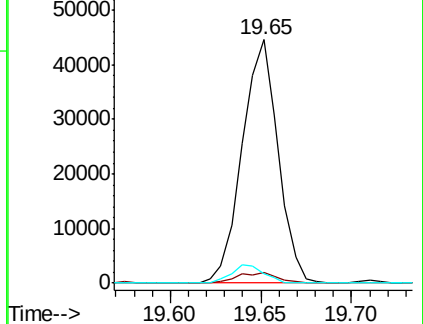
100 4.0 3.0 4.6

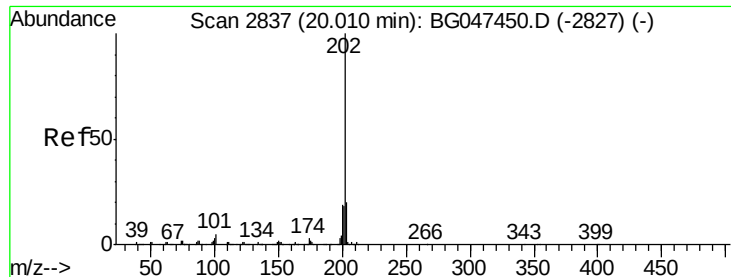


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 3.934 ng/ul

RT: 20.01 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG047456.D

Acq: 24 Nov 2020 21:30

Instrument :

BNA_G

ClientSampleId :

C0B86

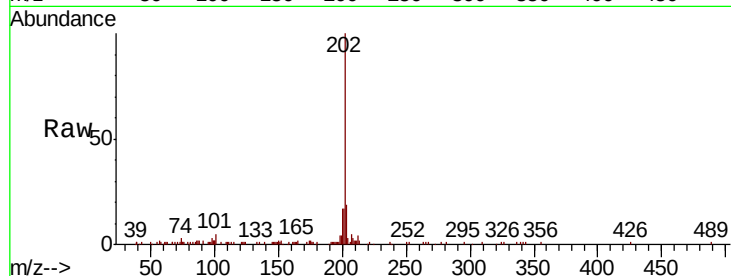
Tot Ion:202 Resp: 50368

Ion Ratio Lower Upper

202 100

101 5.5 3.5 5.3#

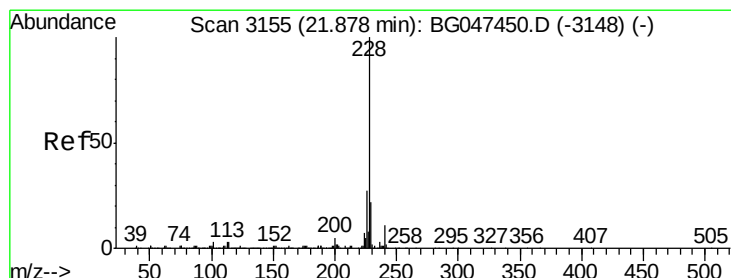
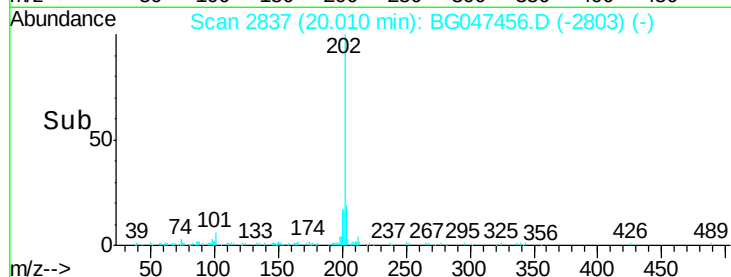
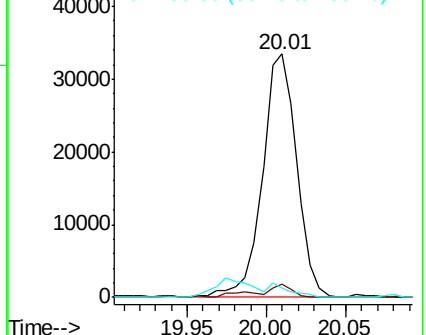
100 3.9 3.4 5.0



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): E



#83

Benzo(a)anthracene

Concen: 2.097 ng/ul

RT: 21.88 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG047456.D

Acq: 24 Nov 2020 21:30

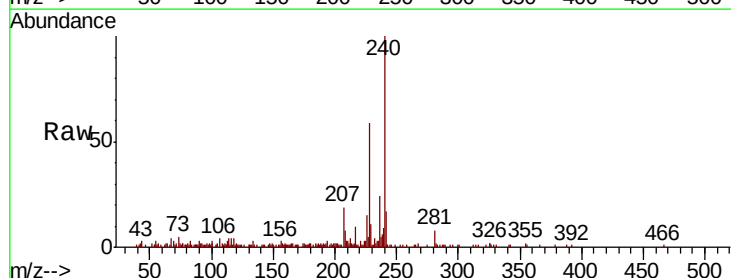
Tgt Ion:228 Resp: 26968

Ion Ratio Lower Upper

228 100

229 19.4 15.6 23.4

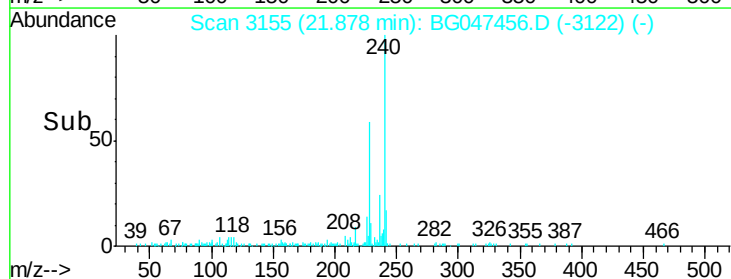
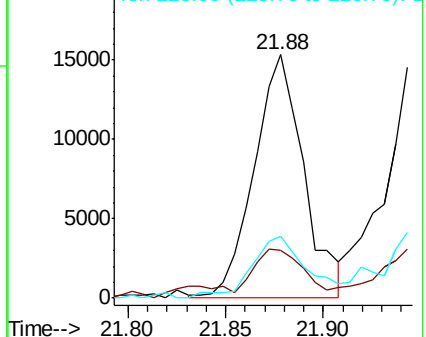
226 25.3 21.7 32.5

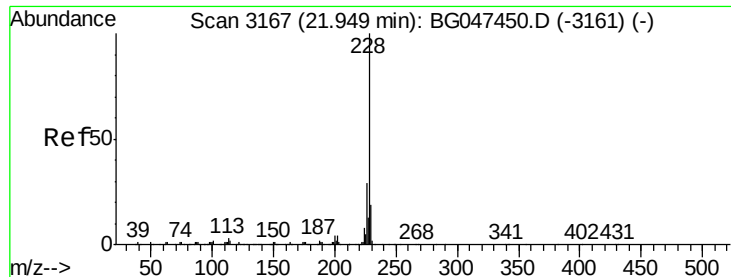


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 2.187 ng/ul

RT: 21.94 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG047456.D

Acq: 24 Nov 2020 21:30

Instrument :

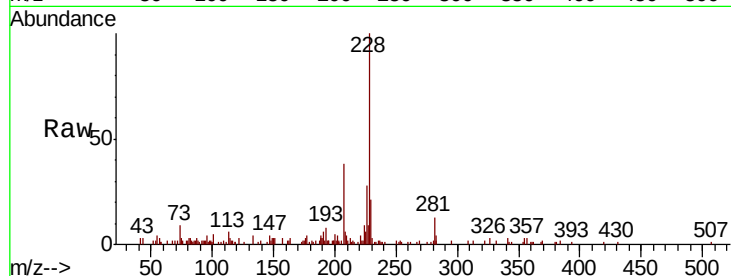
BNA_G

ClientSampleId :

C0B86

Tot Ion:228 Resp: 26766

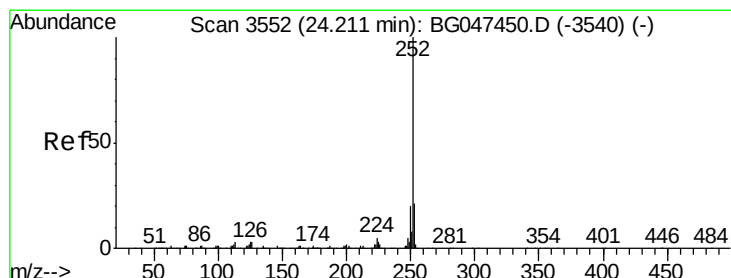
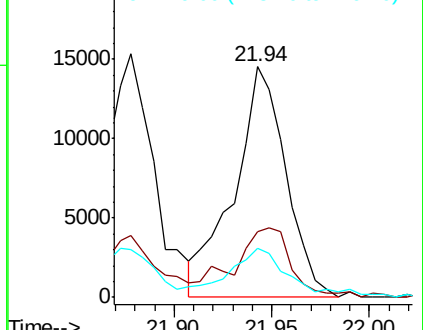
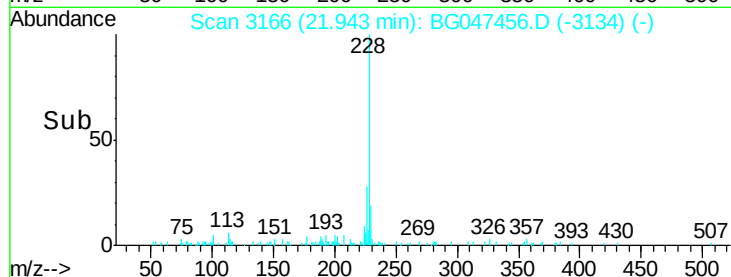
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	21.2	16.5	24.7



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: 2.403 ng/ul

RT: 24.22 min Scan# 3553

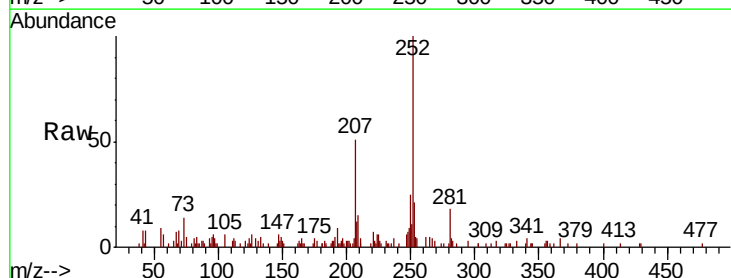
Delta R.T. -0.01 min

Lab File: BG047456.D

Acq: 24 Nov 2020 21:30

Tgt Ion:252 Resp: 32503

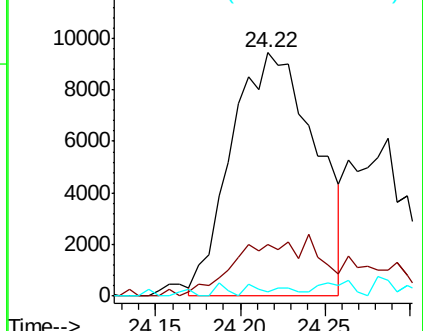
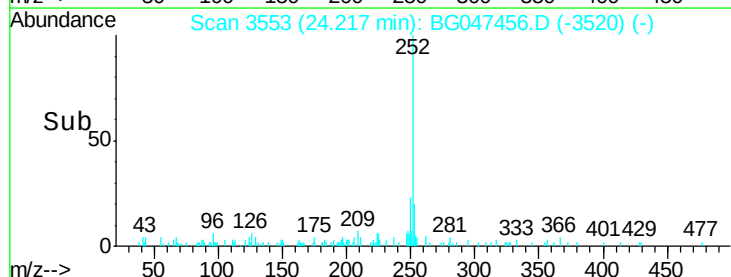
Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.6	25.0
125	1.8	2.7	4.1#

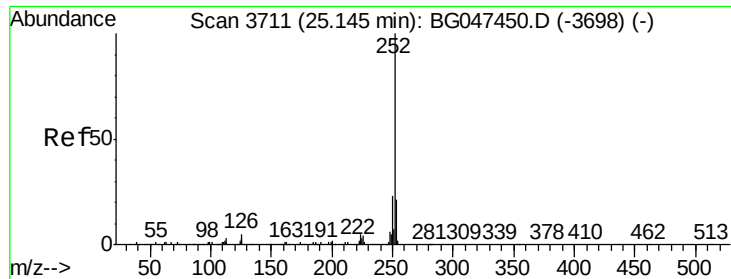


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.591 ng/ul

RT: 25.13 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG047456.D

Acq: 24 Nov 2020 21:30

Instrument :

BNA_G

ClientSampleId :

C0B86

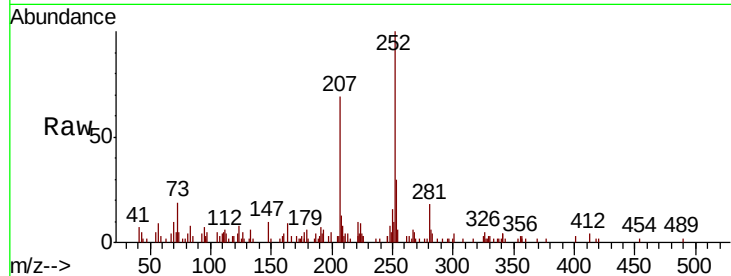
Tot Ion:252 Resp: 19185

Ion Ratio Lower Upper

252 100

253 30.4 18.6 27.8#

125 2.2 3.1 4.7#



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

