

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047359.D
 Acq On : 19 Nov 2020 19:22
 Operator : CG/JU
 Sample : L4710-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 04:02:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	40621	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	160123	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	121309	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	301123	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	287161	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	302314	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	2553	2.28	ng/uL	0.00
5) Phenol-d5	7.40	99	55866	13.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	33667	14.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	37891	13.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	37969	12.13	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	19929	15.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	22904	15.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	48380	14.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	50627	15.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	169156	16.24	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	204116	16.96	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	24063	15.14	ng/ul	0.00
58) Fluorene-d10	15.87	176	153127	16.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	23903	13.95	ng/ul	0.00
71) Anthracene-d10	17.71	188	254906	17.06	ng/ul	0.00
79) Pyrene-d10	19.98	212	309496	18.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	314779	18.09	ng/ul	0.00

Target Compounds

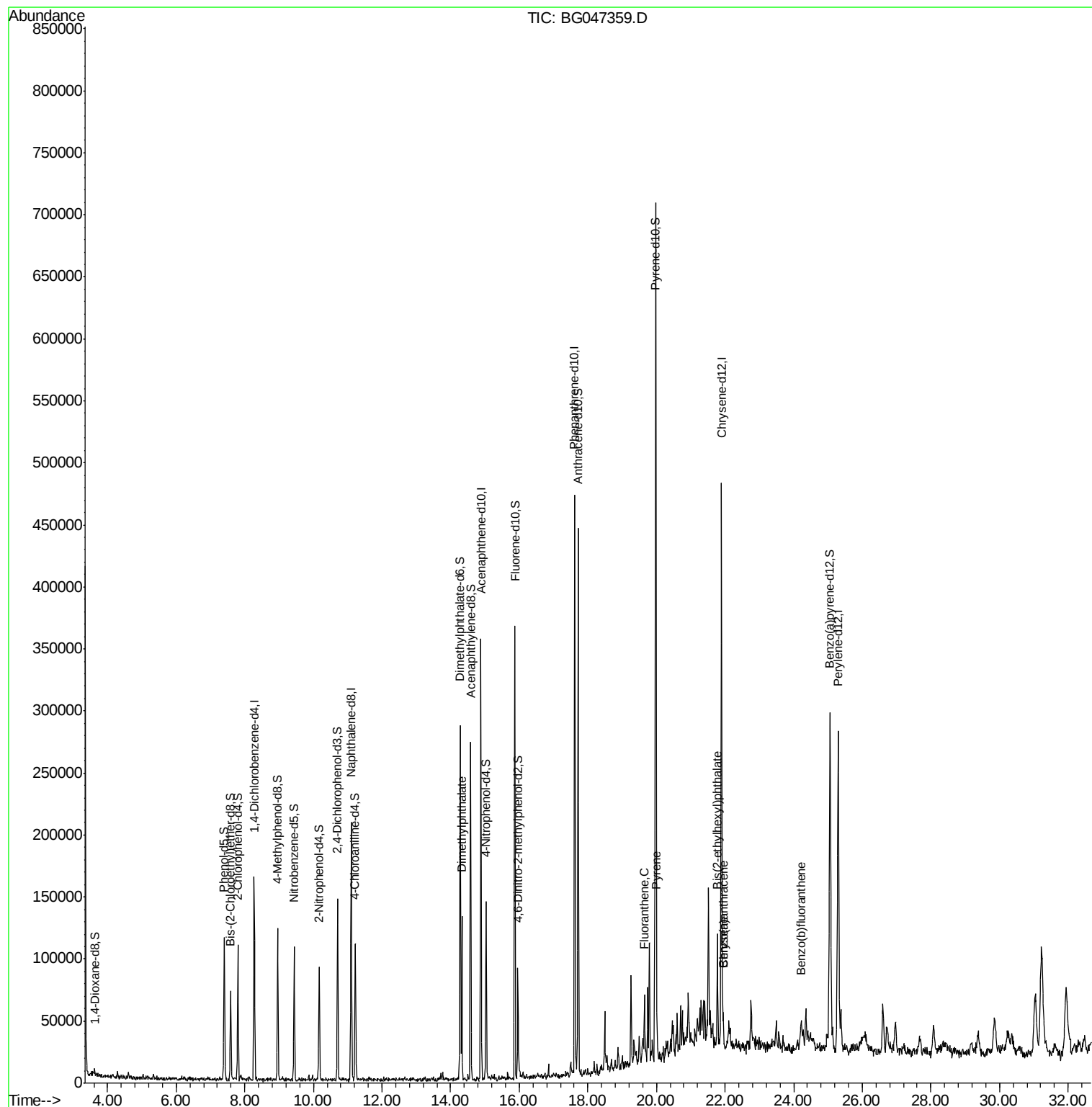
					Ovalue	
45) Dimethylphthalate	14.32	163	75660	7.123	ng/ul	98
77) Fluoranthene	19.65	202	32417	1.578	ng/ul#	94
80) Pyrene	20.01	202	28417	1.397	ng/ul	98
83) Benzo(a)anthracene	21.94	228	20731	1.015	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.77	149	40106	4.027	ng/ul	94
85) Chrysene	21.94	228	20731	1.066	ng/ul	99
88) Benzo(b)fluoranthene	24.22	252	26279	1.231	ng/ul#	97

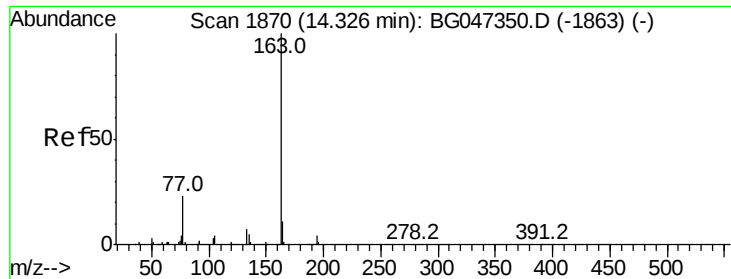
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 7.123 ng/ul

RT: 14.32 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BG047359.D

Acq: 19 Nov 2020 19:22

Instrument :

BNA_G

ClientSampleId :

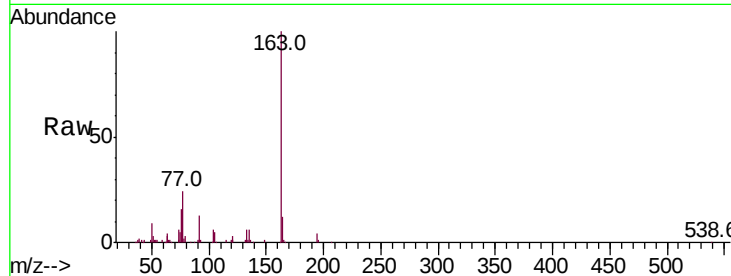
Tot Ion:163 Resp: 75660

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

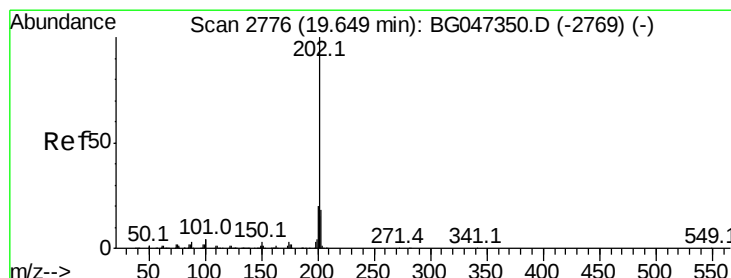
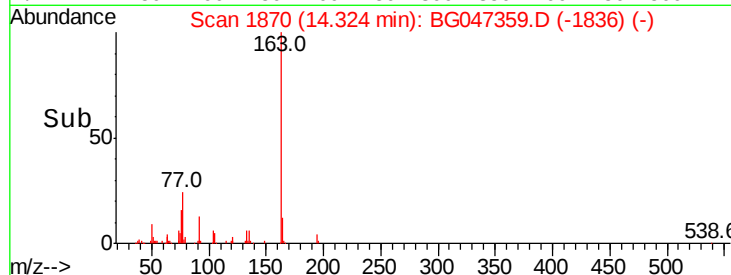
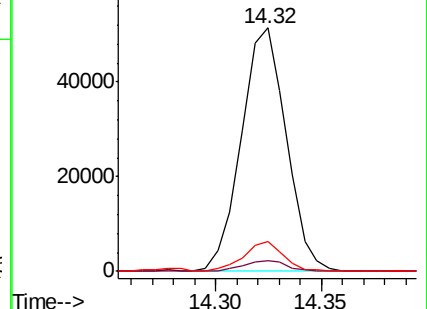
164 12.0 8.8 13.2



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: 1.578 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG047359.D

Acq: 19 Nov 2020 19:22

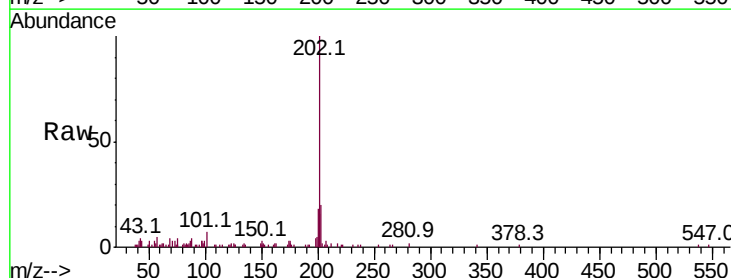
Tgt Ion:202 Resp: 32417

Ion Ratio Lower Upper

202 100

101 7.5 3.3 4.9#

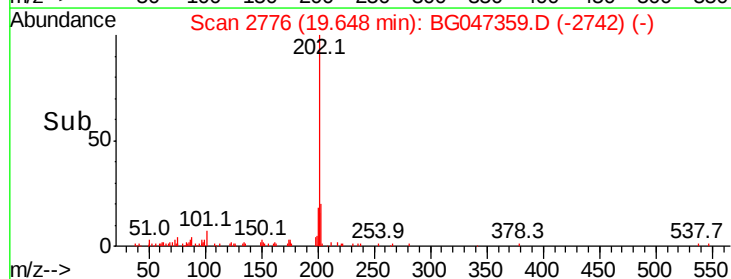
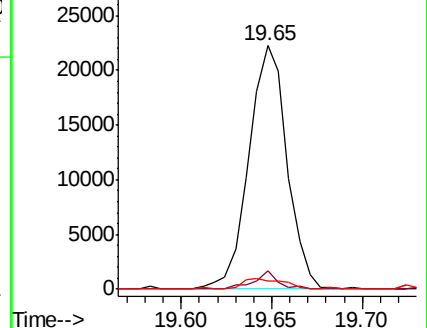
100 3.4 3.4 5.0

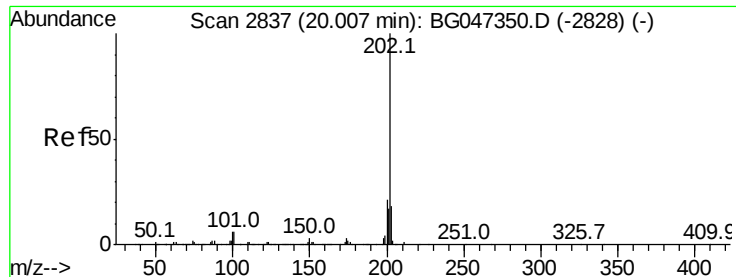


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 1.397 ng/ul

RT: 20.01 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG047359.D

Acq: 19 Nov 2020 19:22

Instrument :

BNA_G

ClientSampleId :

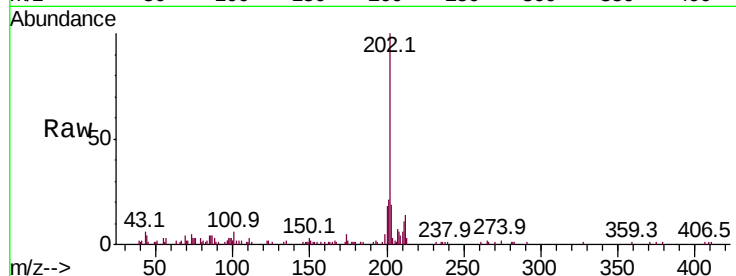
Tot Ion:202 Resp: 28417

Ion Ratio Lower Upper

202 100

101 5.8 5.0 7.4

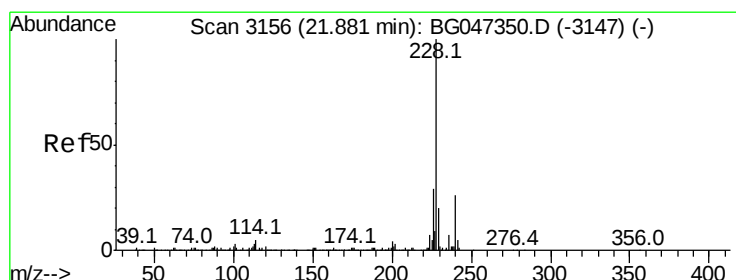
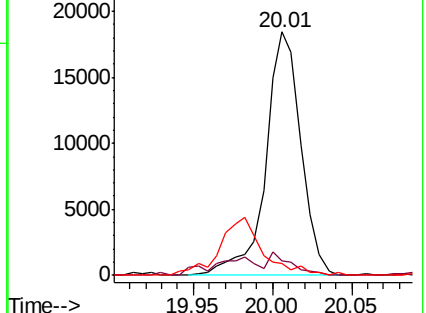
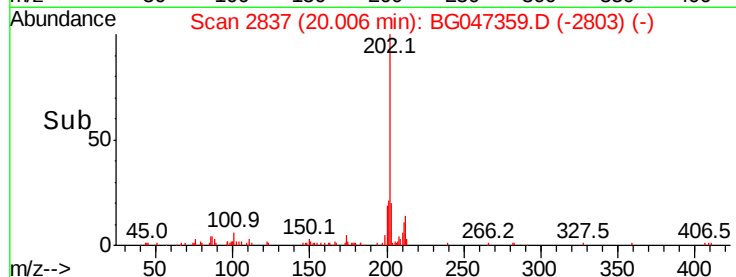
100 4.7 4.6 7.0



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): B



#83

Benzo(a)anthracene

Concen: 1.015 ng/ul

RT: 21.94 min Scan# 3167

Delta R.T. 0.06 min

Lab File: BG047359.D

Acq: 19 Nov 2020 19:22

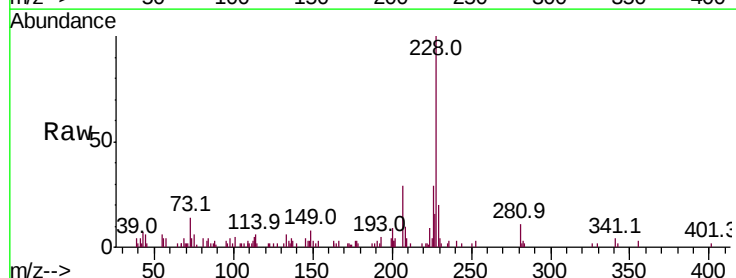
Tgt Ion:228 Resp: 20731

Ion Ratio Lower Upper

228 100

229 20.0 16.2 24.2

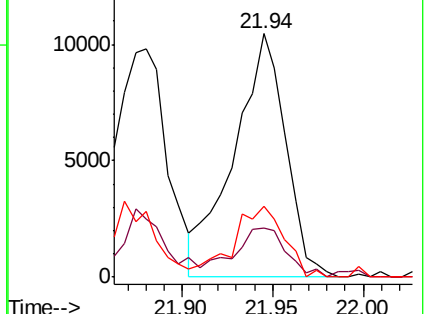
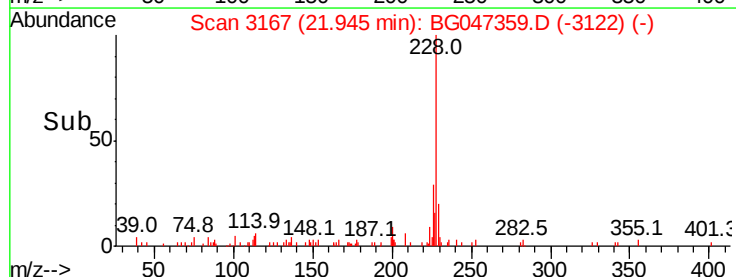
226 28.9 23.3 34.9

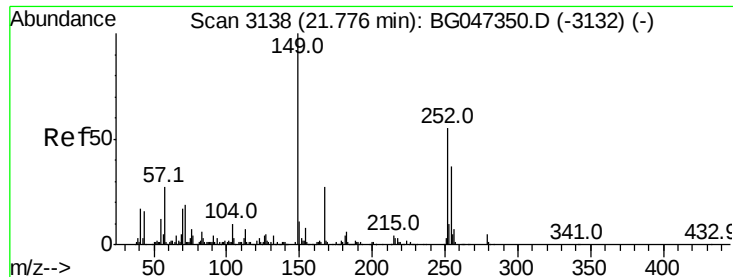


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

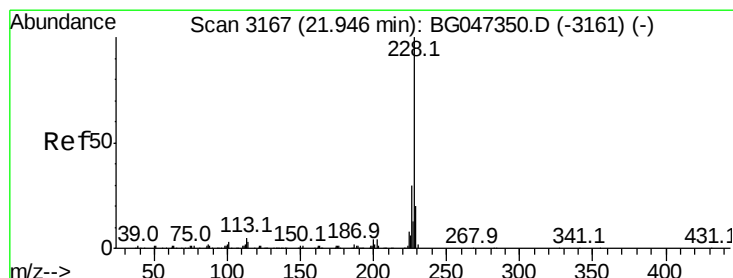
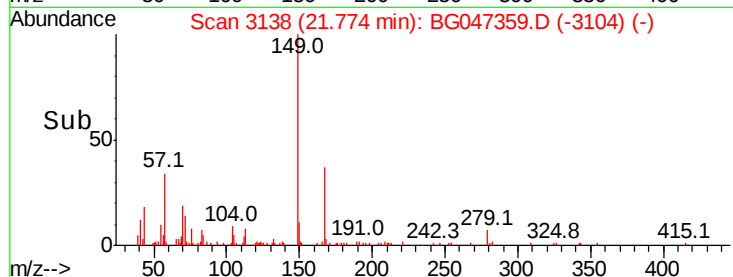
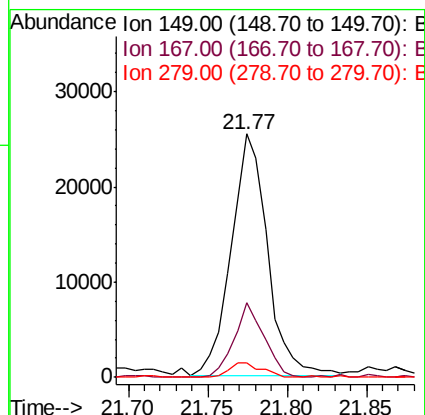
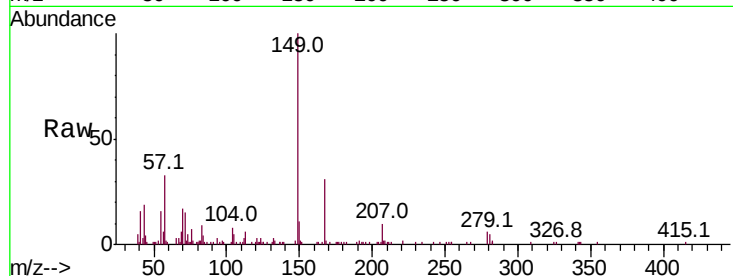




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.027 ng/ul
 RT: 21.77 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG047359.D
 Acq: 19 Nov 2020 19:22

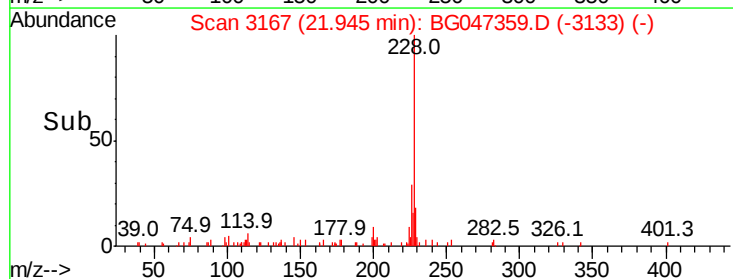
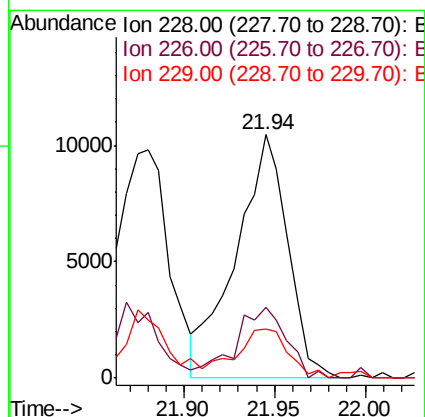
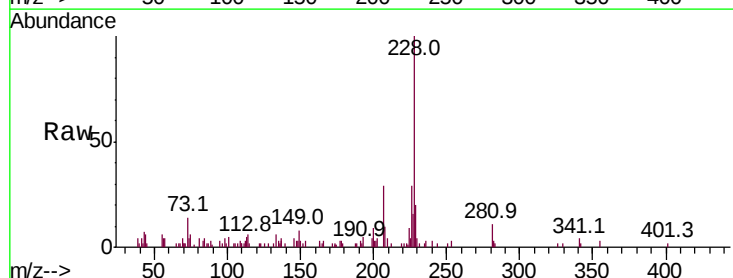
Instrument :
 BNA_G
 ClientSampleId :

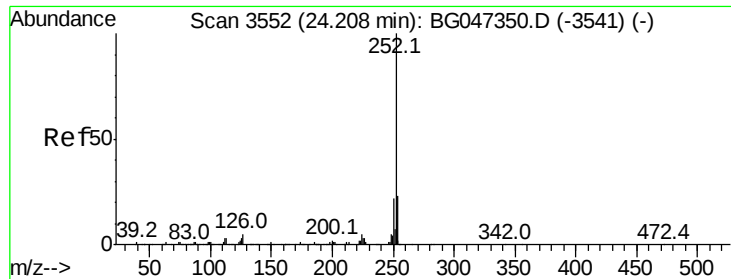
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.7	21.8	32.8
279	5.7	4.2	6.2



#85
 Chrysene
 Concen: 1.066 ng/ul
 RT: 21.94 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG047359.D
 Acq: 19 Nov 2020 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.8	35.6
229	20.0	16.3	24.5





#88

Benzo(b)fluoranthene

Concen: 1.231 ng/ul

RT: 24.22 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BG047359.D

Acq: 19 Nov 2020 19:22

Instrument :

BNA_G

ClientSampleId :

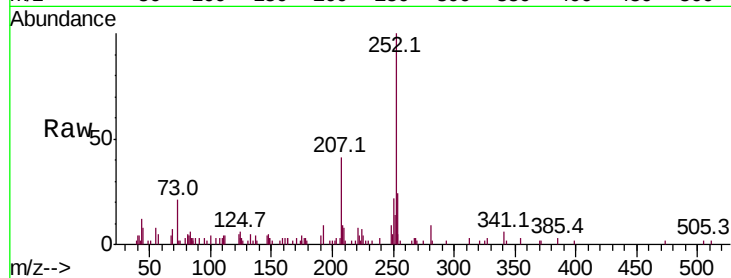
Tot Ion:252 Resp: 26279

Ion Ratio Lower Upper

252 100

253 24.1 18.4 27.6

125 5.6 2.5 3.7#



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

