

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047174.D
 Acq On : 31 Oct 2020 4:21
 Operator : CG/JU
 Sample : L4507-09
 Misc : GCMS CONFIRMATION
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BM4

Quant Time: Oct 31 04:11:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 31 03:13:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56184	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	221102	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	164576	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	386615	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	399671	20.00	ng/ul	-0.01
86) Perylene-d12	24.93	264	419819	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL
5) Phenol-d5	0.00	99	0	0.00	ng/ul
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul
58) Fluorene-d10	0.00	176	0	0.00	ng/ul
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul
79) Pyrene-d10	0.00	212	0	0.00	ng/ul
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul

Target Compounds

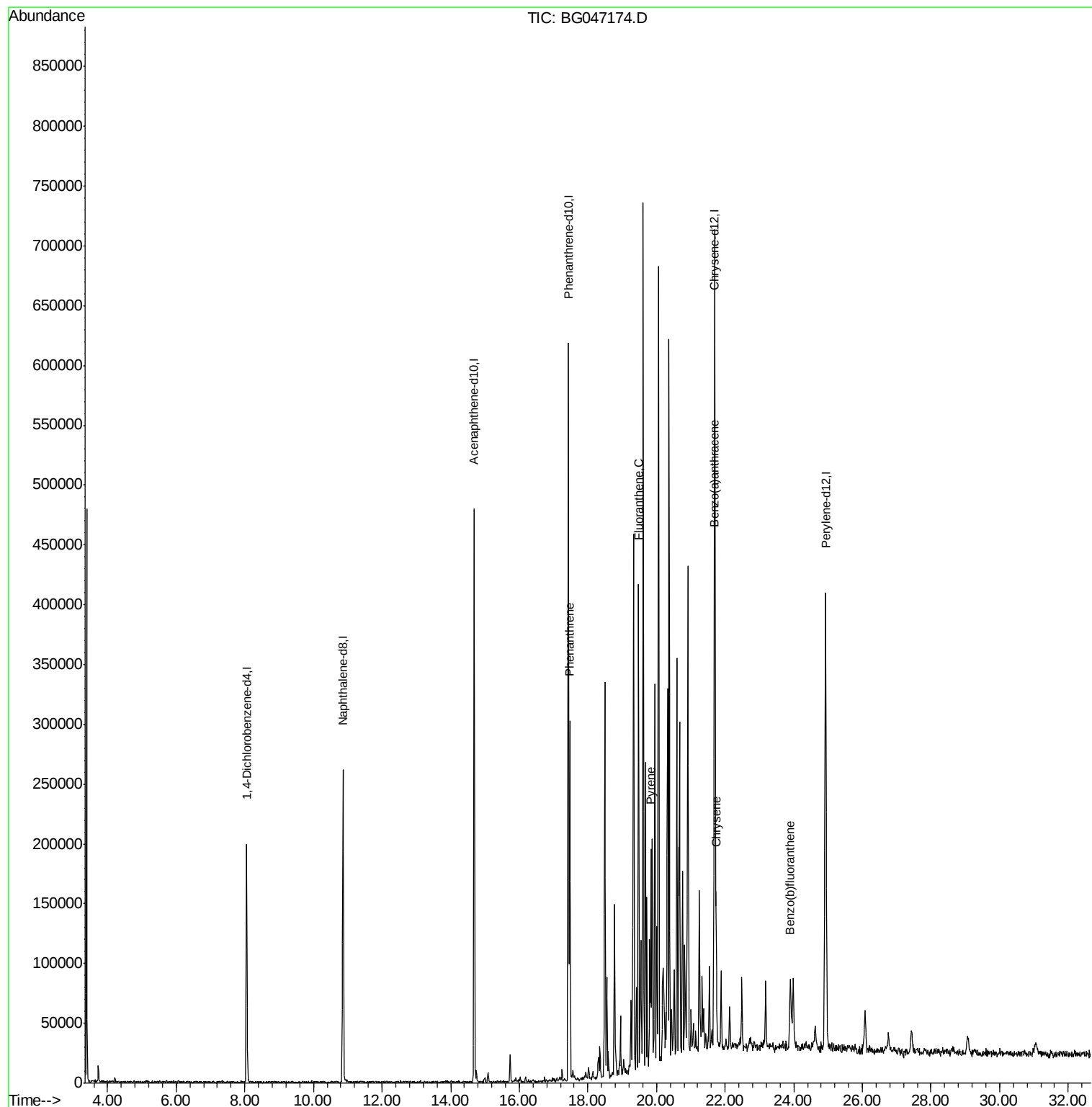
				Ovalue
70) Phenanthrene	17.47	178	195044	8.995 ng/ul 99
77) Fluoranthene	19.48	202	272451	10.439 ng/ul 99
80) Pyrene	19.84	202	107920	3.946 ng/ul 98
83) Benzo(a)anthracene	21.68	228	71600	2.644 ng/ul 95
85) Chrysene	21.74	228	85742	3.292 ng/ul 99
88) Benzo(b)fluoranthene	23.90	252	72539	2.601 ng/ul 99

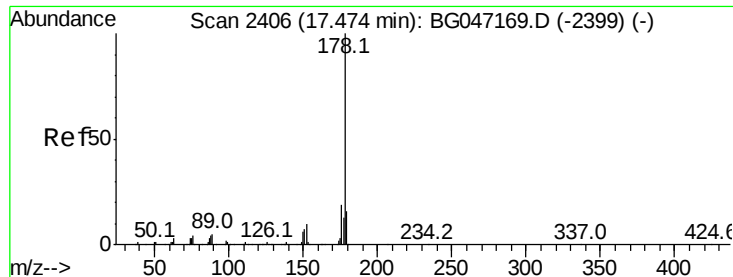
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#70

Phenanthrene

Concen: 8.995 ng/ul

RT: 17.47 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG047174.D

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BNA_G

ClientSampleId :

C0BM4

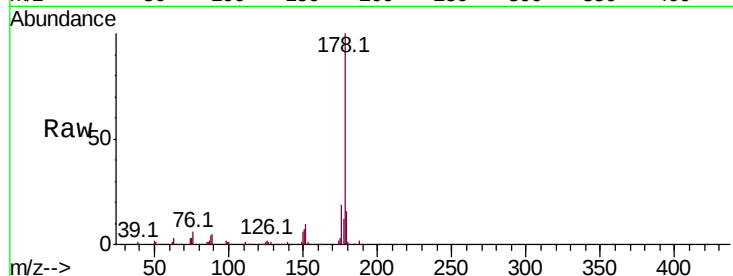
Tot Ion:178 Resp: 195044

Ion Ratio Lower Upper

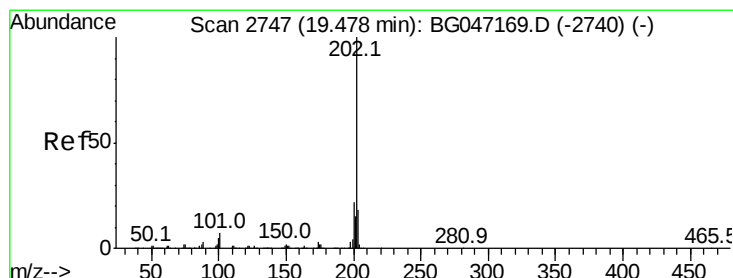
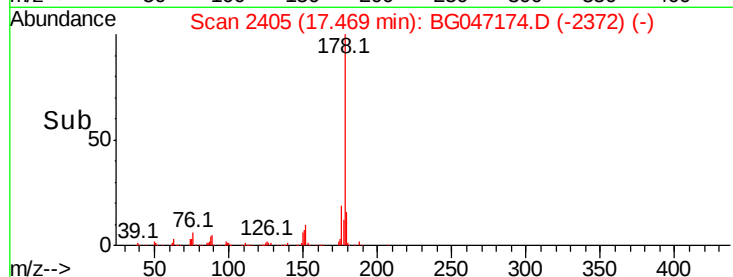
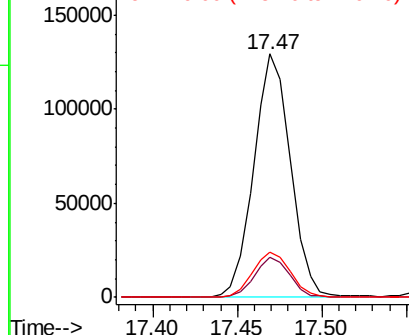
178 100

179 16.5 13.0 19.4

176 18.7 15.5 23.3



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



#77

Fluoranthene

Concen: 10.439 ng/ul

RT: 19.48 min Scan# 2747

Delta R.T. -0.01 min

Lab File: BG047174.D

Acq: 31 Oct 2020 4:21

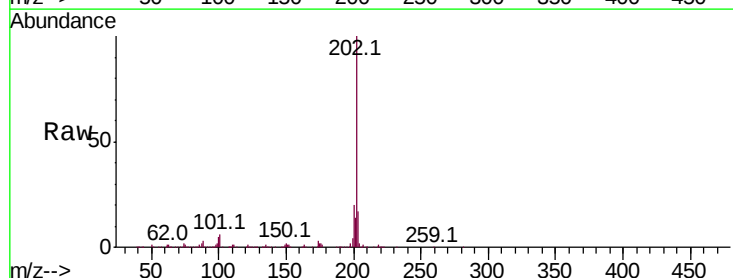
Tgt Ion:202 Resp: 272451

Ion Ratio Lower Upper

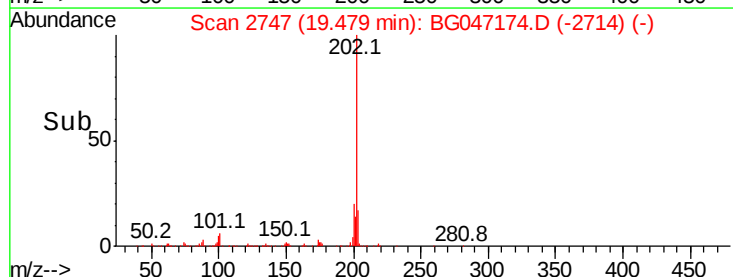
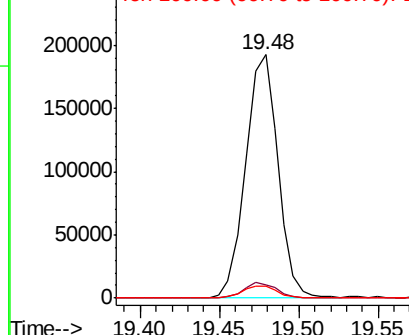
202 100

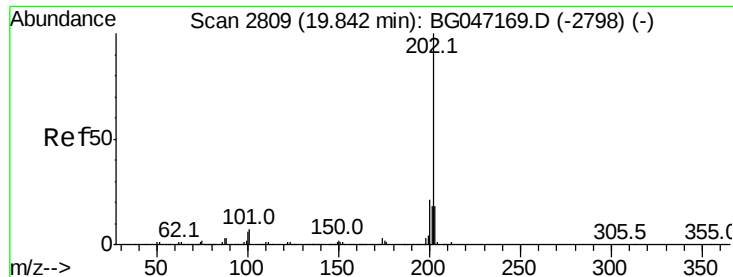
101 5.6 4.9 7.3

100 5.0 4.2 6.4



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

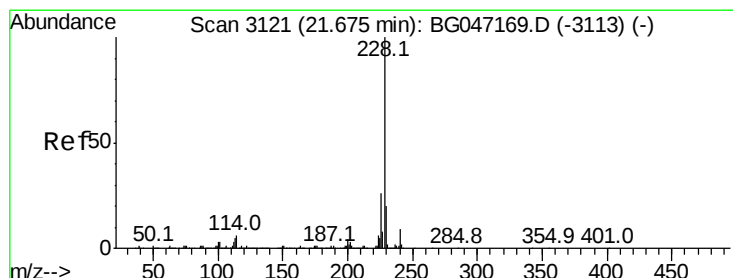
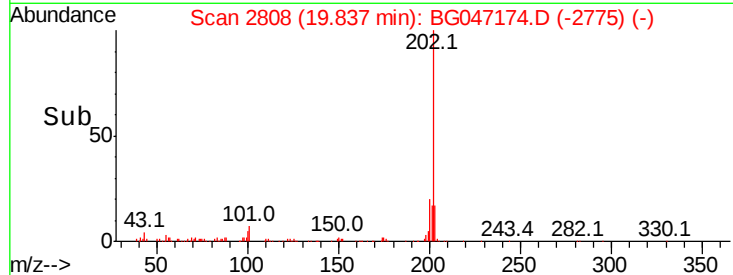
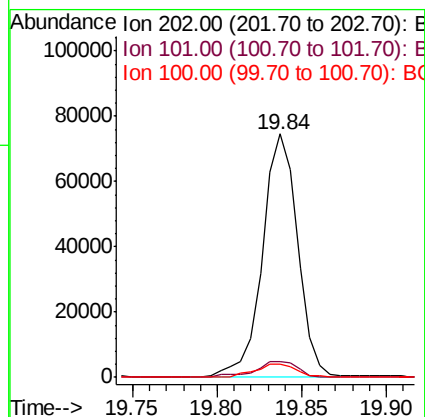
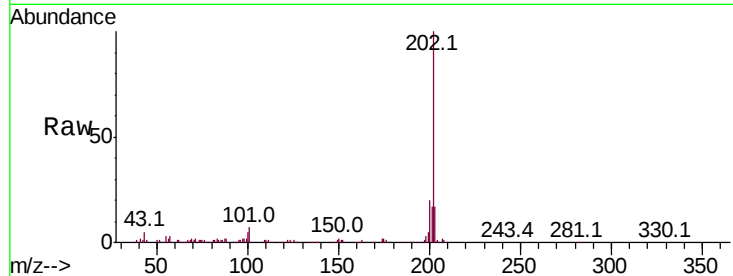




#80
Pvrene
Concen: 3.946 ng/ul
RT: 19.84 min Scan# 2808
Delta R.T. -0.01 min
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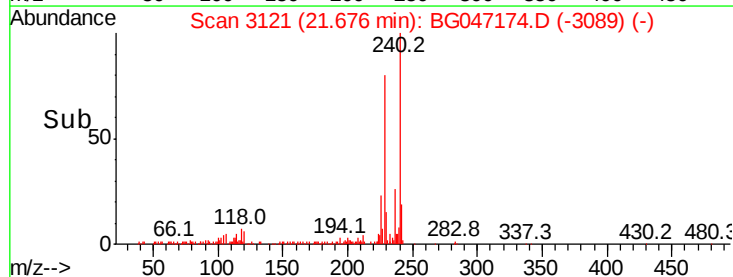
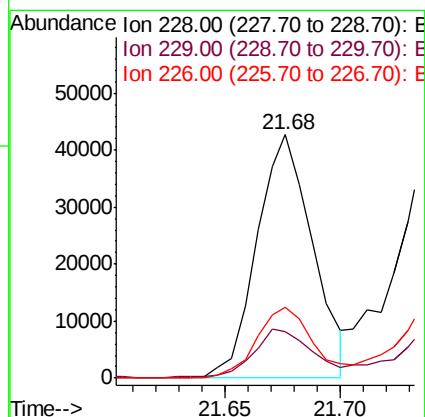
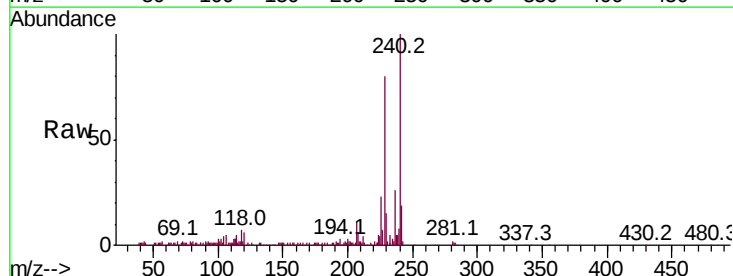
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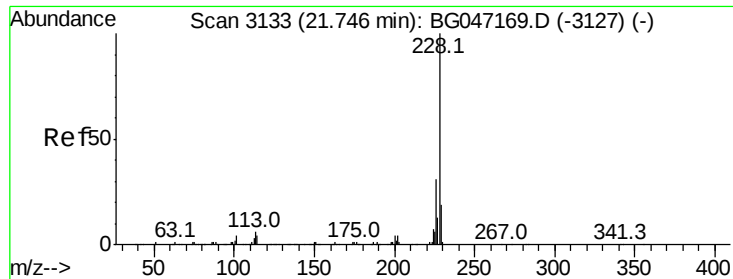
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.8	8.6
100	5.4	5.0	7.4



#83
Benzo(a)anthracene
Concen: 2.644 ng/ul
RT: 21.68 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG047174.D
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.9	16.0	24.0
226	29.2	20.8	31.2

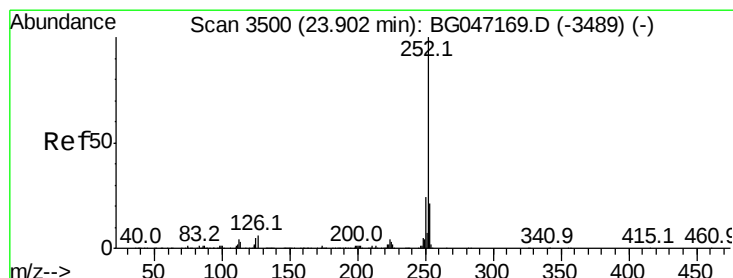
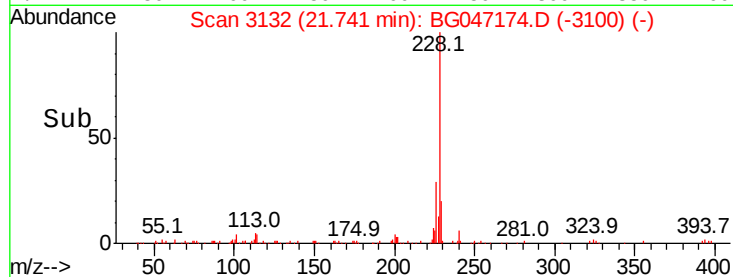
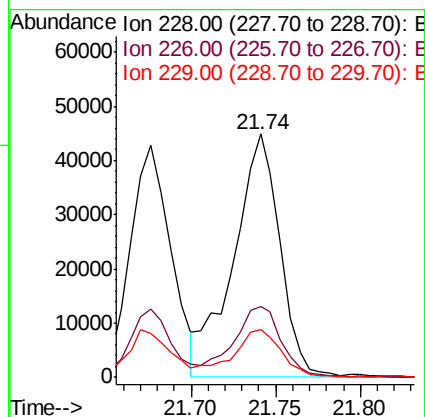
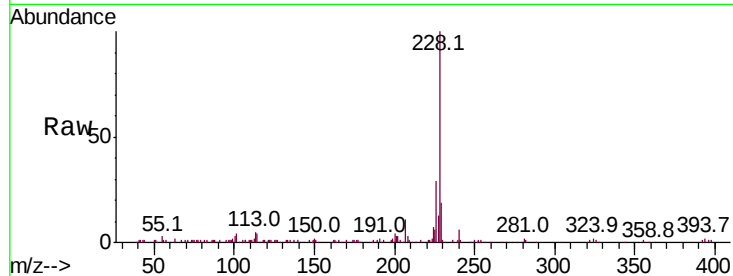




#85
 Chrysene
 Concen: 3.292 ng/ul
 RT: 21.74 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BG047174.D
 Acq: 31 Oct 2020 4:21

Instrument :
 BNA_G
 ClientSampleId :
 C0BM4

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.8	34.2
229	19.4	16.2	24.2



#88
 Benzo(b)fluoranthene
 Concen: 2.601 ng/ul
 RT: 23.90 min Scan# 3500
 Delta R.T. -0.01 min
 Lab File: BG047174.D
 Acq: 31 Oct 2020 4:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	5.2	4.2	6.4

