

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022108.D
 Acq On : 14 Oct 2022 04:18
 Operator : CG/JU
 Sample : N5049-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BG3

Quant Time: Oct 14 04:51:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

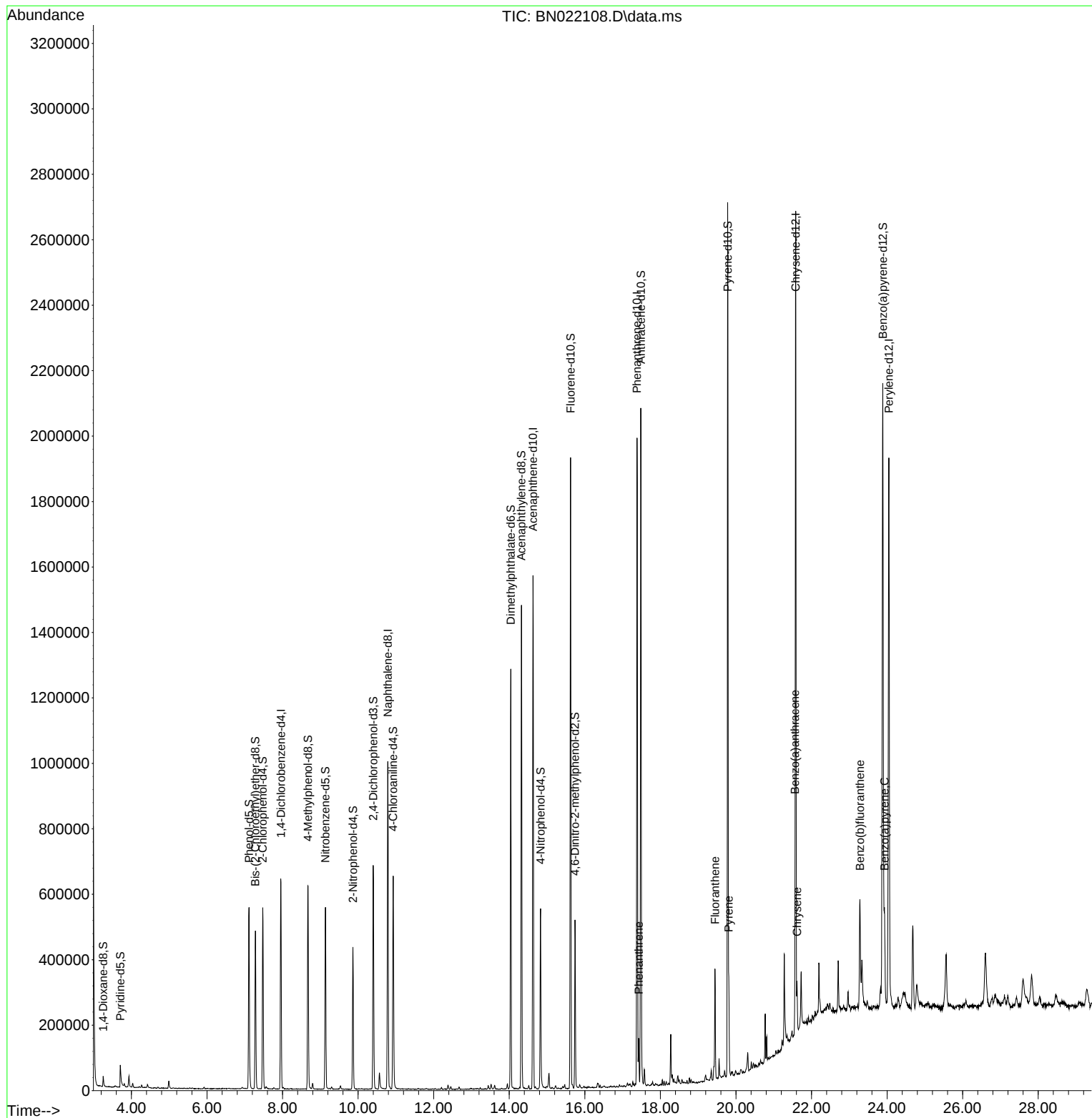
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	171390	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	815061	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	523848	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.381	188	1110012	20.000	ng/u1	-0.01
79) Chrysene-d12	21.580	240	1103843	20.000	ng/u1	-0.01
88) Perylene-d12	24.045	264	1161049	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	16545	3.659	ng/uL	0.00
4) Pyridine-d5	3.705	84	45739	3.252	ng/u1	0.01
7) Phenol-d5	7.111	99	325723	19.440	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	220484	21.000	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	249993	21.519	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	240414	18.058	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	128112	21.436	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	132724	21.667	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	240380	20.905	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.928	131	337938	17.976	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	793601	21.733	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	896881	21.994	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	124706	15.999	ng/u1	0.00
60) Fluorene-d10	15.622	176	701768	22.785	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	88527	13.980	ng/u1	-0.01
73) Anthracene-d10	17.481	188	1073415	22.253	ng/u1	0.00
81) Pyrene-d10	19.781	212	1270793	23.123	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	1302845	22.881	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.428	178	84939	1.419	ng/u1	96
80) Fluoranthene	19.445	202	174175	2.525	ng/u1	98
82) Pyrene	19.810	202	152309	2.110	ng/u1	100
85) Benzo(a)anthracene	21.563	228	71641	1.016	ng/u1#	95
87) Chrysene	21.616	228	76635	1.131	ng/u1	97
90) Benzo(b)fluoranthene	23.286	252	101290	1.383	ng/u1	96
93) Benzo(a)pyrene	23.933	252	71463	1.092	ng/u1#	93

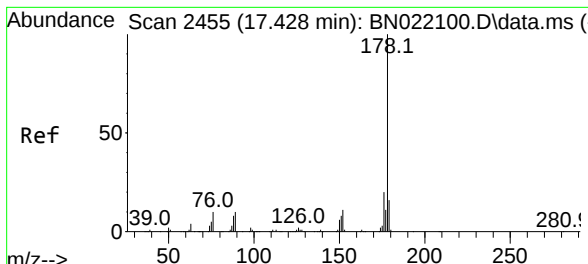
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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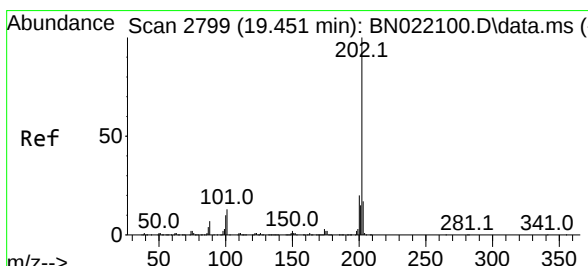
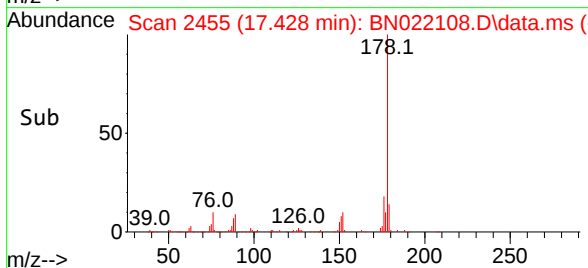
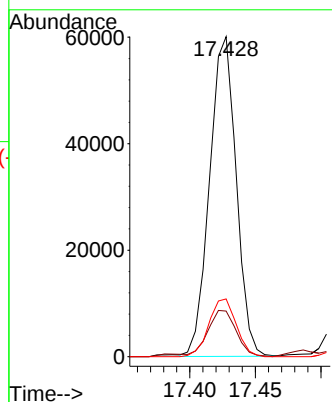
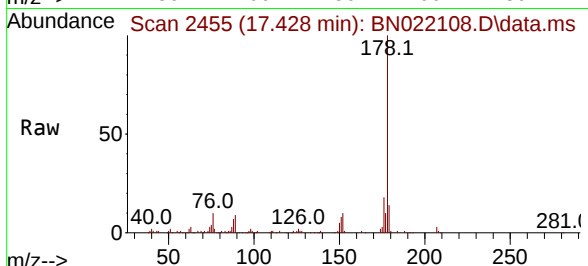




#72
Phenanthrene
Concen: 1.419 ng/ul
RT: 17.428 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BN022108.D
Acq: 14 Oct 2022 04:18

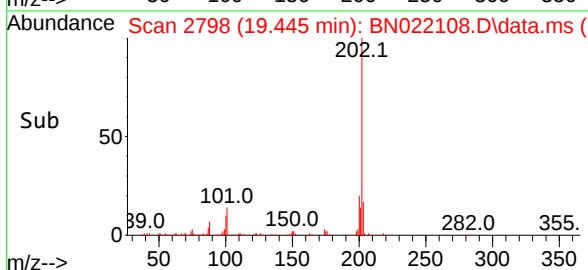
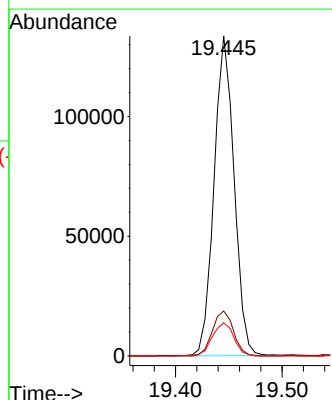
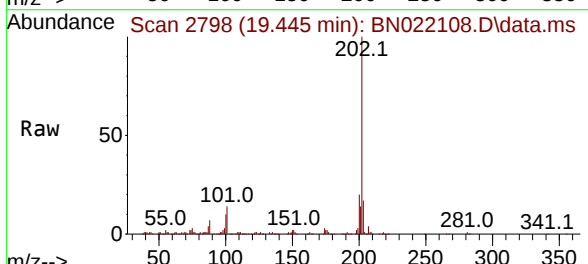
Instrument :
BNA_N
ClientSampleId :
C0BG3

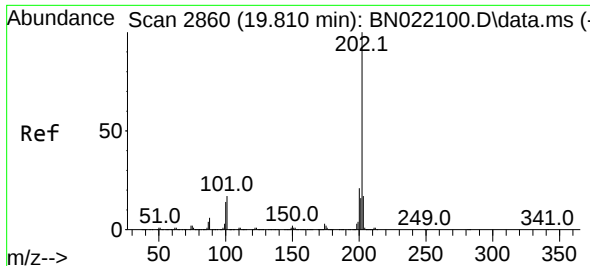
Tgt Ion:178 Resp: 84939
Ion Ratio Lower Upper
178 100
179 14.2 12.3 18.5
176 18.1 16.5 24.7



#80
Fluoranthene
Concen: 2.525 ng/ul
RT: 19.445 min Scan# 2798
Delta R.T. -0.012 min
Lab File: BN022108.D
Acq: 14 Oct 2022 04:18

Tgt Ion:202 Resp: 174175
Ion Ratio Lower Upper
202 100
101 14.1 10.3 15.5
100 10.4 7.8 11.8

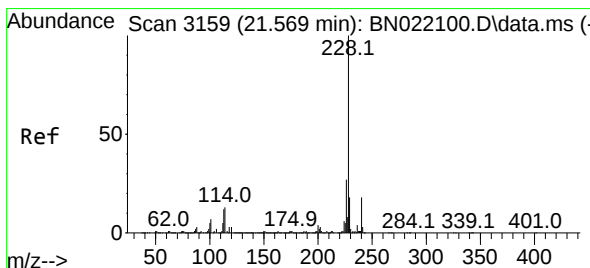
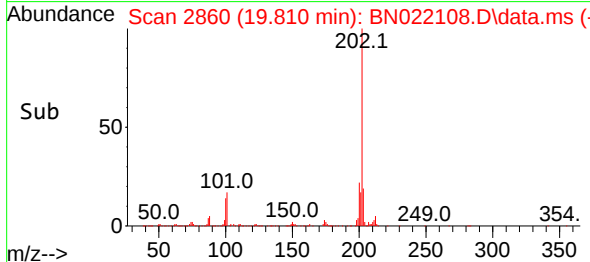
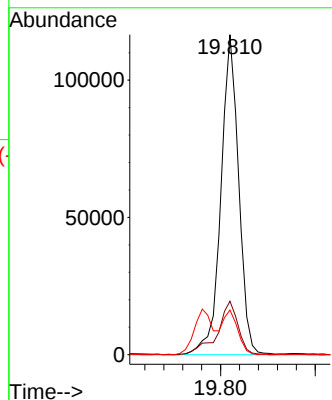
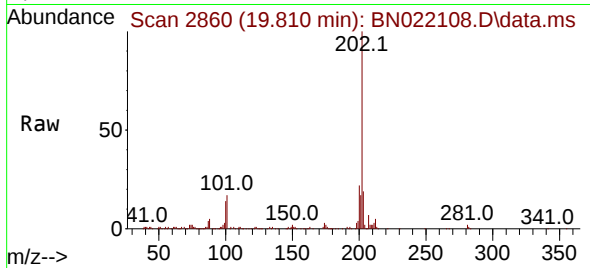




#82
 Pyrene
 Concen: 2.110 ng/ul
 RT: 19.810 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN022108.D
 Acq: 14 Oct 2022 04:18

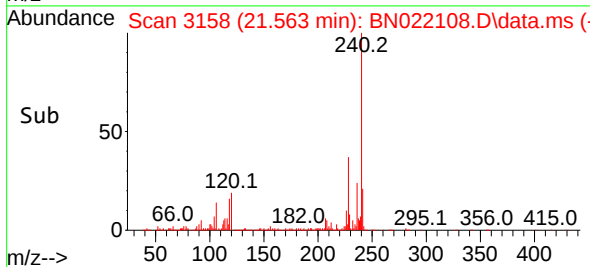
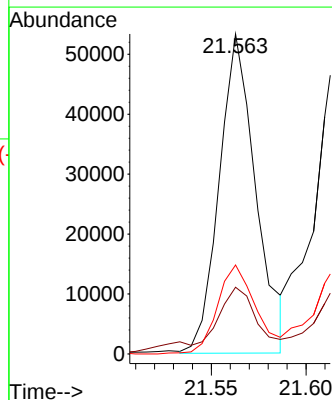
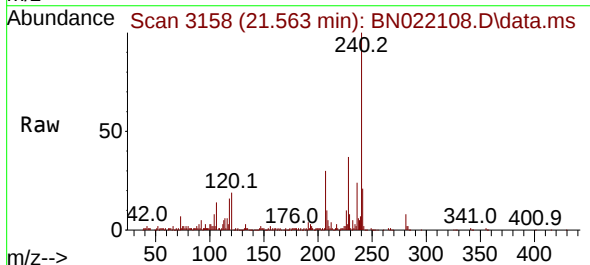
Instrument :
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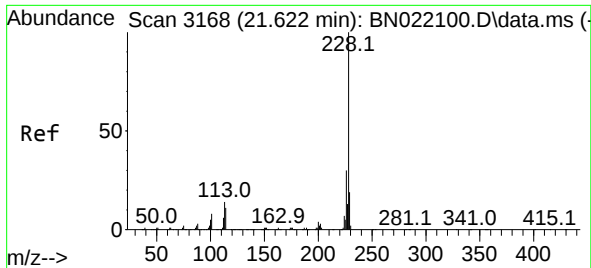
Tgt Ion:202 Resp: 152309
 Ion Ratio Lower Upper
 202 100
 101 16.7 13.4 20.0
 100 13.9 10.9 16.3



#85
 Benzo(a)anthracene
 Concen: 1.016 ng/ul
 RT: 21.563 min Scan# 3158
 Delta R.T. -0.012 min
 Lab File: BN022108.D
 Acq: 14 Oct 2022 04:18

Tgt Ion:228 Resp: 71641
 Ion Ratio Lower Upper
 228 100
 229 20.9 13.5 20.3#
 226 27.8 21.0 31.6





#87

Chrysene

Concen: 1.131 ng/ul

RT: 21.616 min Scan# 3167

Delta R.T. -0.012 min

Lab File: BN022108.D

Acq: 14 Oct 2022 04:18

Instrument :

BNA_N

ClientSampleId :

C0BG3

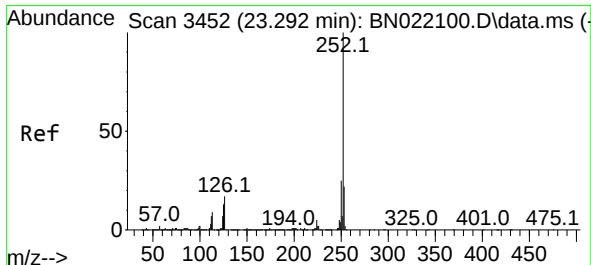
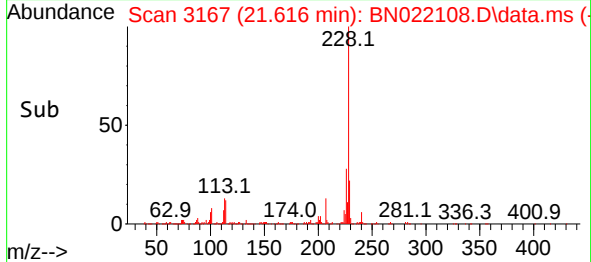
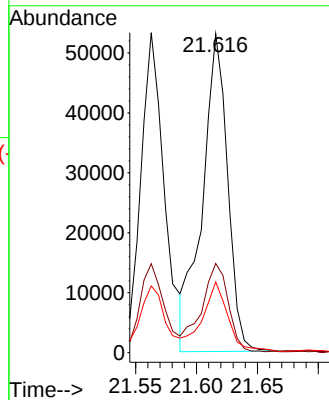
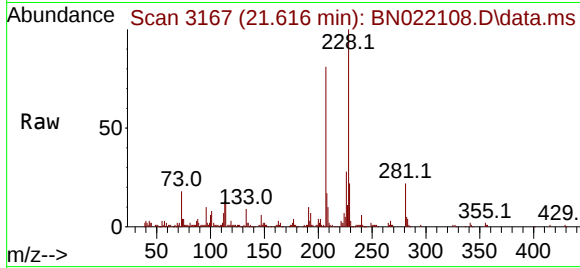
Tgt Ion:228 Resp: 76635

Ion Ratio Lower Upper

228 100

226 27.9 23.8 35.8

229 22.2 16.5 24.7



#90

Benzo(b)fluoranthene

Concen: 1.383 ng/ul

RT: 23.286 min Scan# 3451

Delta R.T. -0.012 min

Lab File: BN022108.D

Acq: 14 Oct 2022 04:18

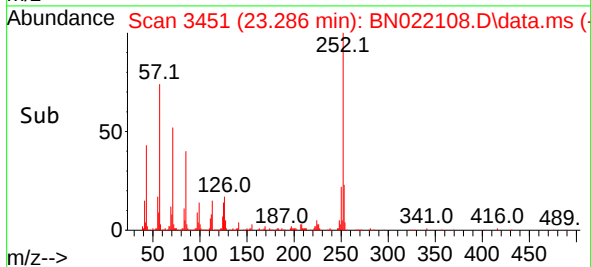
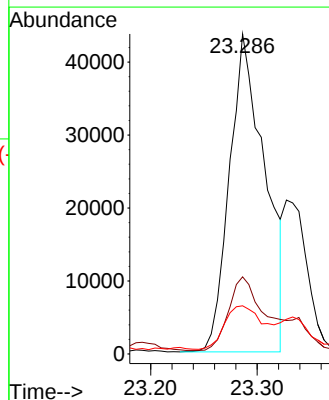
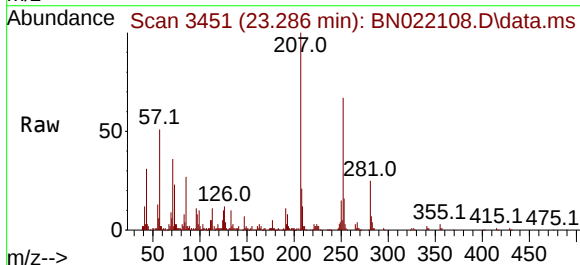
Tgt Ion:252 Resp: 101290

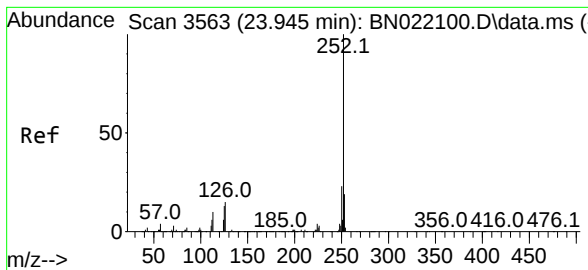
Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

125 15.1 10.7 16.1





#93

Benzo(a)pyrene

Concen: 1.092 ng/ul

RT: 23.933 min Scan# 31

Delta R.T. -0.018 min

Lab File: BN022108.D

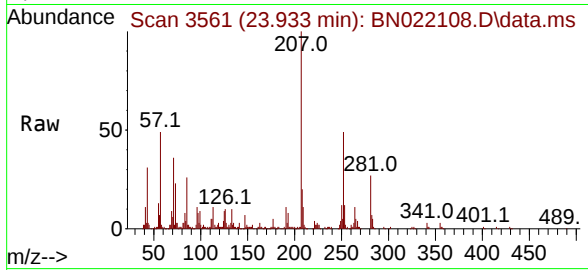
Acq: 14 Oct 2022 04:18

Instrument :

BNA_N

ClientSampleId :

C0BG3



Tgt Ion:252 Resp: 71463

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

125 17.8 10.8 16.2#

