

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022131.D
 Acq On : 14 Oct 2022 20:01
 Operator : CG/JU
 Sample : N5023-10
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC9

Quant Time: Oct 15 00:28:22 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)

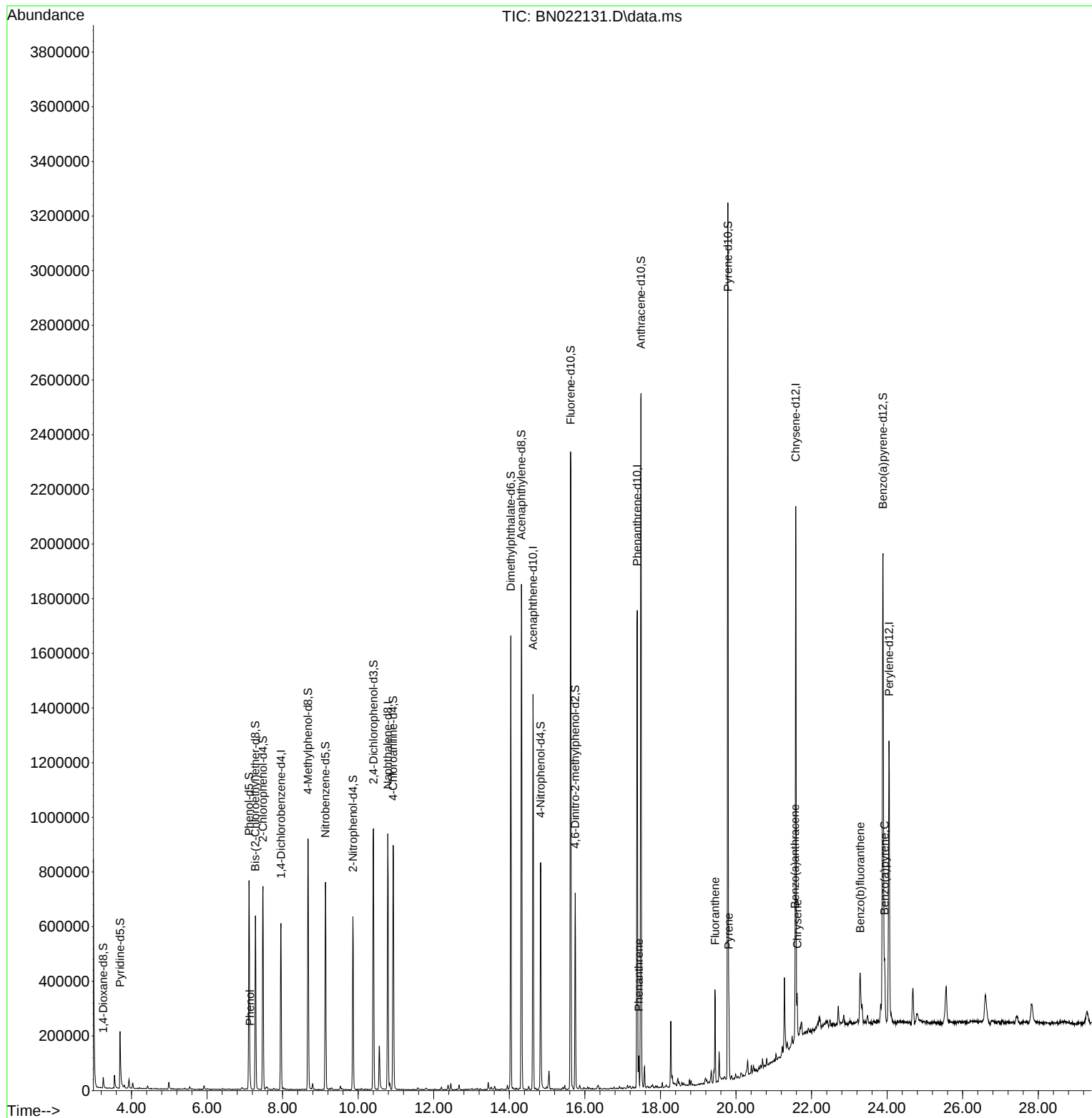
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	162409	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	749326	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	469214	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	993328	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	892979	20.000	ng/u1	-0.01
88) Perylene-d12	24.051	264	742424	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	22239	5.190	ng/uL	0.00
4) Pyridine-d5	3.699	84	132698	9.955	ng/u1	0.00
7) Phenol-d5	7.110	99	447971	28.215	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	282724	28.417	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	339806	30.868	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	337862	26.780	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	184998	33.670	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	199114	35.356	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	331675	31.376	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	472341	27.330	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	1035152	31.648	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	1199581	32.843	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	196787	28.187	ng/u1	0.00
60) Fluorene-d10	15.628	176	890903	32.293	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	129247	22.808	ng/u1	0.00
73) Anthracene-d10	17.486	188	1369042	31.715	ng/u1	0.00
81) Pyrene-d10	19.786	212	1569652	35.305	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	1228933	33.753	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.140	94	21286	1.263	ng/u1	96
72) Phenanthrene	17.428	178	66366	1.239	ng/u1	95
80) Fluoranthene	19.445	202	181169	3.246	ng/u1	98
82) Pyrene	19.810	202	153810	2.634	ng/u1	98
85) Benzo(a)anthracene	21.563	228	83168	1.458	ng/u1	97
87) Chrysene	21.621	228	88259	1.610	ng/u1	99
90) Benzo(b)fluoranthene	23.292	252	109692	2.343	ng/u1	97
93) Benzo(a)pyrene	23.933	252	72325	1.728	ng/u1#	94

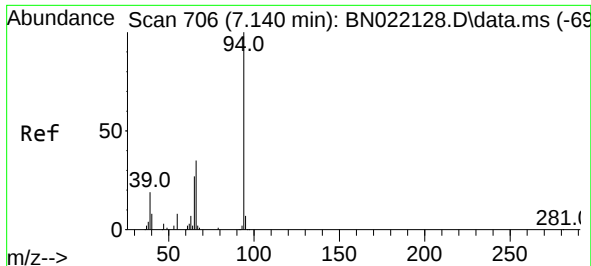
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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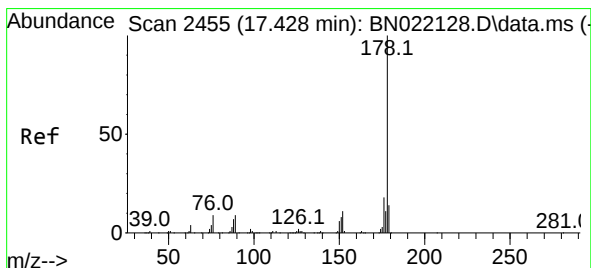
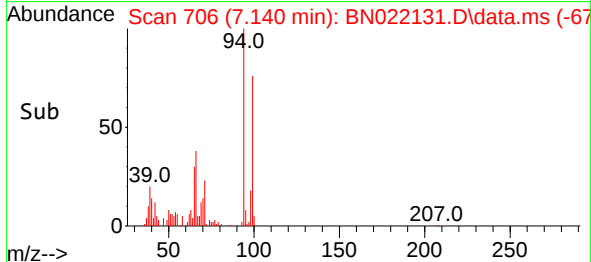
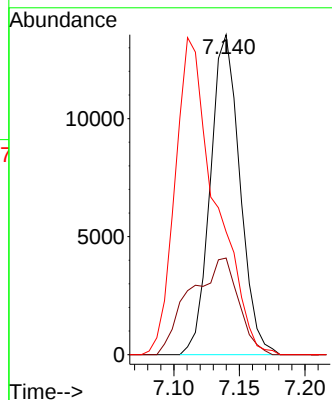
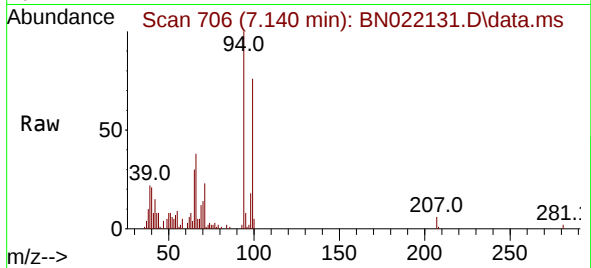




#8
Phenol
Concen: 1.263 ng/ul
RT: 7.140 min Scan# 706
Delta R.T. -0.000 min
Lab File: BN022131.D
Acq: 14 Oct 2022 20:01

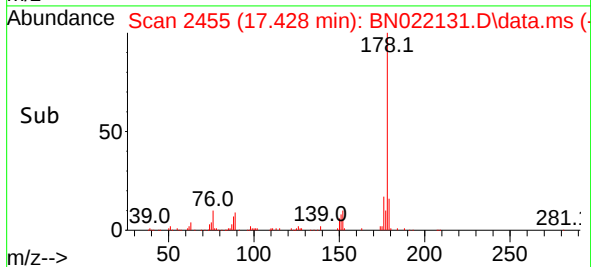
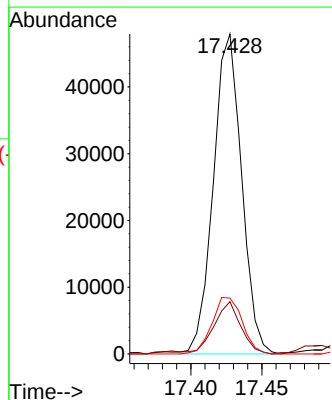
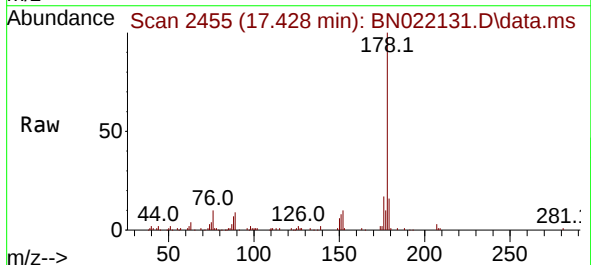
Instrument :
BNA_N
ClientSampleId :
C0BC9

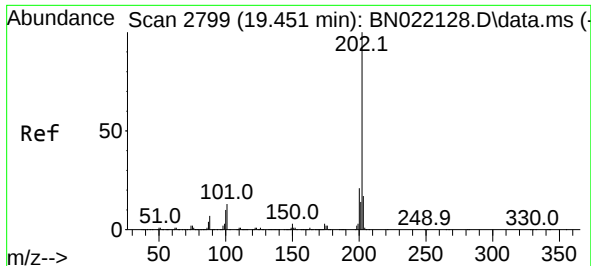
Tgt Ion: 94 Resp: 21286
Ion Ratio Lower Upper
94 100
65 30.2 22.1 33.1
66 38.4 29.0 43.6



#72
Phenanthrene
Concen: 1.239 ng/ul
RT: 17.428 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BN022131.D
Acq: 14 Oct 2022 20:01

Tgt Ion: 178 Resp: 66366
Ion Ratio Lower Upper
178 100
179 16.3 12.3 18.5
176 17.5 16.5 24.7

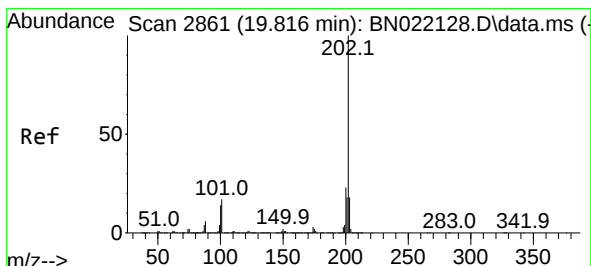
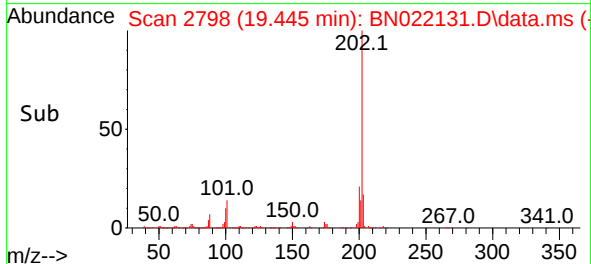
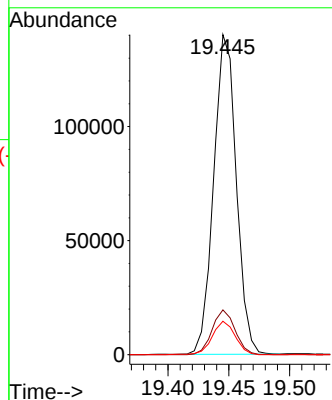
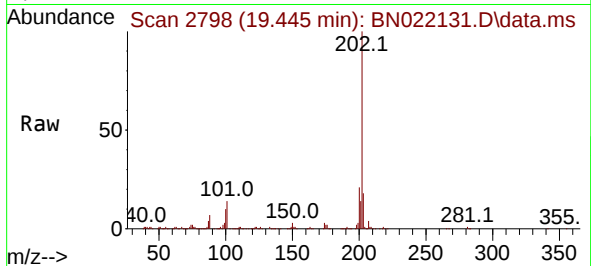




#80
Fluoranthene
Concen: 3.246 ng/ul
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN022131.D
Acq: 14 Oct 2022 20:01

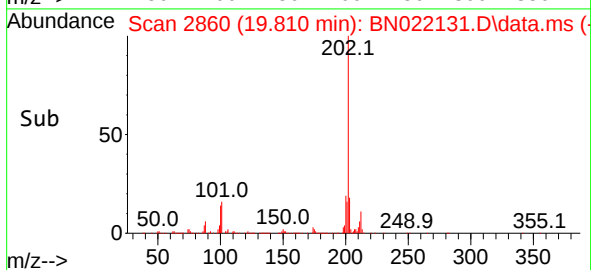
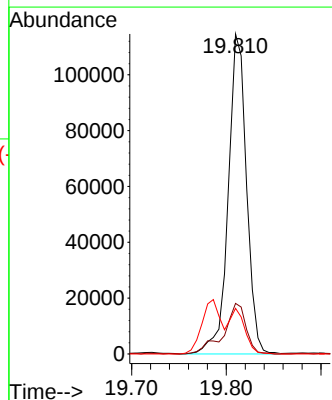
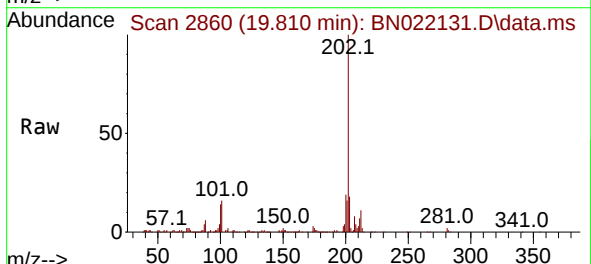
Instrument :
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ClientSampleId :
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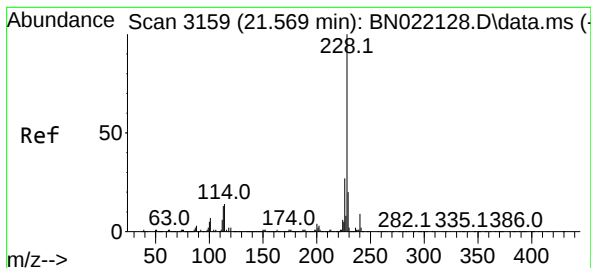
Tgt Ion:202 Resp: 181169
Ion Ratio Lower Upper
202 100
101 14.0 10.3 15.5
100 10.4 7.8 11.8



#82
Pyrene
Concen: 2.634 ng/ul
RT: 19.810 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BN022131.D
Acq: 14 Oct 2022 20:01

Tgt Ion:202 Resp: 153810
Ion Ratio Lower Upper
202 100
101 15.8 13.4 20.0
100 14.3 10.9 16.3





#85

Benzo(a)anthracene

Concen: 1.458 ng/ul

RT: 21.563 min Scan# 3159

Delta R.T. -0.012 min

Lab File: BN022131.D

Acq: 14 Oct 2022 20:01

Instrument :

BNA_N

ClientSampleId :

C0BC9

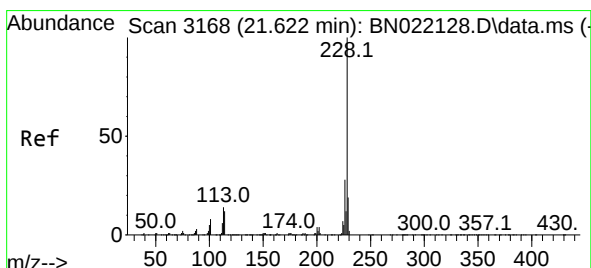
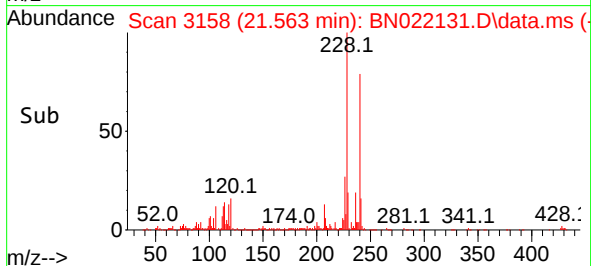
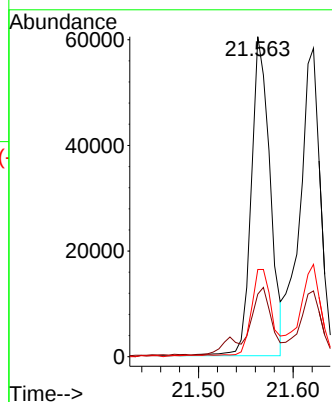
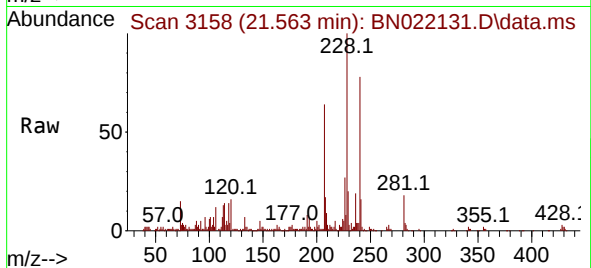
Tgt Ion:228 Resp: 83168

Ion Ratio Lower Upper

228 100

229 19.5 13.5 20.3

226 27.2 21.0 31.6



#87

Chrysene

Concen: 1.610 ng/ul

RT: 21.621 min Scan# 3168

Delta R.T. -0.006 min

Lab File: BN022131.D

Acq: 14 Oct 2022 20:01

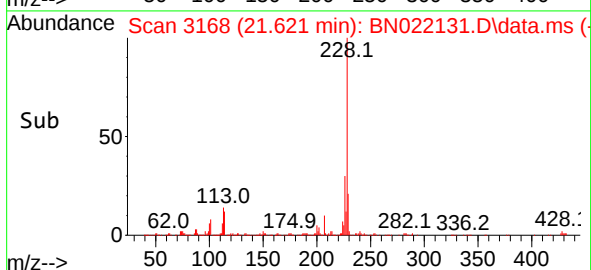
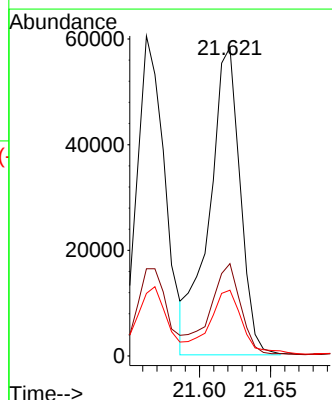
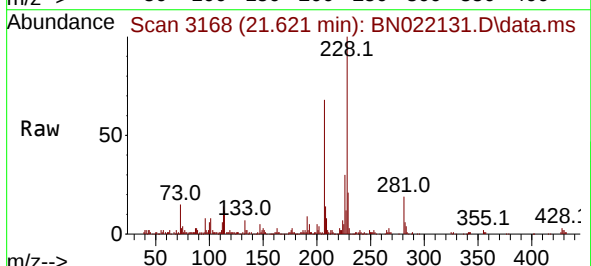
Tgt Ion:228 Resp: 88259

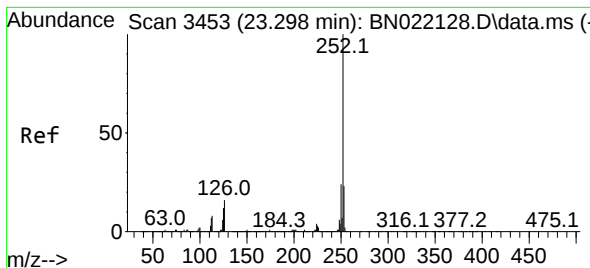
Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 21.3 16.5 24.7





#90

Benzo(b)fluoranthene

Concen: 2.343 ng/ul

RT: 23.292 min Scan# 3453

Delta R.T. -0.006 min

Lab File: BN022131.D

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Instrument :

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C0BC9

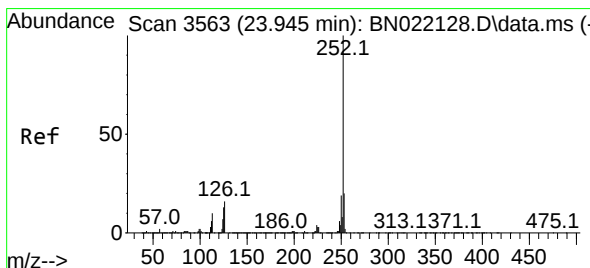
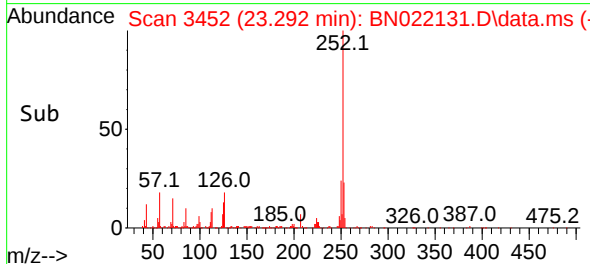
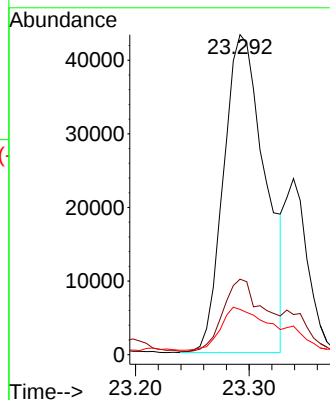
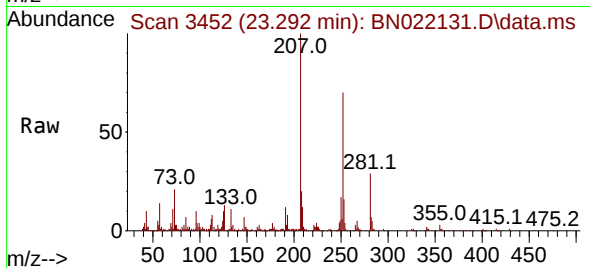
Tgt Ion:252 Resp: 109692

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

125 14.2 10.7 16.1



#93

Benzo(a)pyrene

Concen: 1.728 ng/ul

RT: 23.933 min Scan# 3561

Delta R.T. -0.018 min

Lab File: BN022131.D

Acq: 14 Oct 2022 20:01

Tgt Ion:252 Resp: 72325

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

125 17.8 10.8 16.2#

