

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022110.D
 Acq On : 14 Oct 2022 05:32
 Operator : CG/JU
 Sample : N5049-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BG5

Quant Time: Oct 14 06:03:38 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

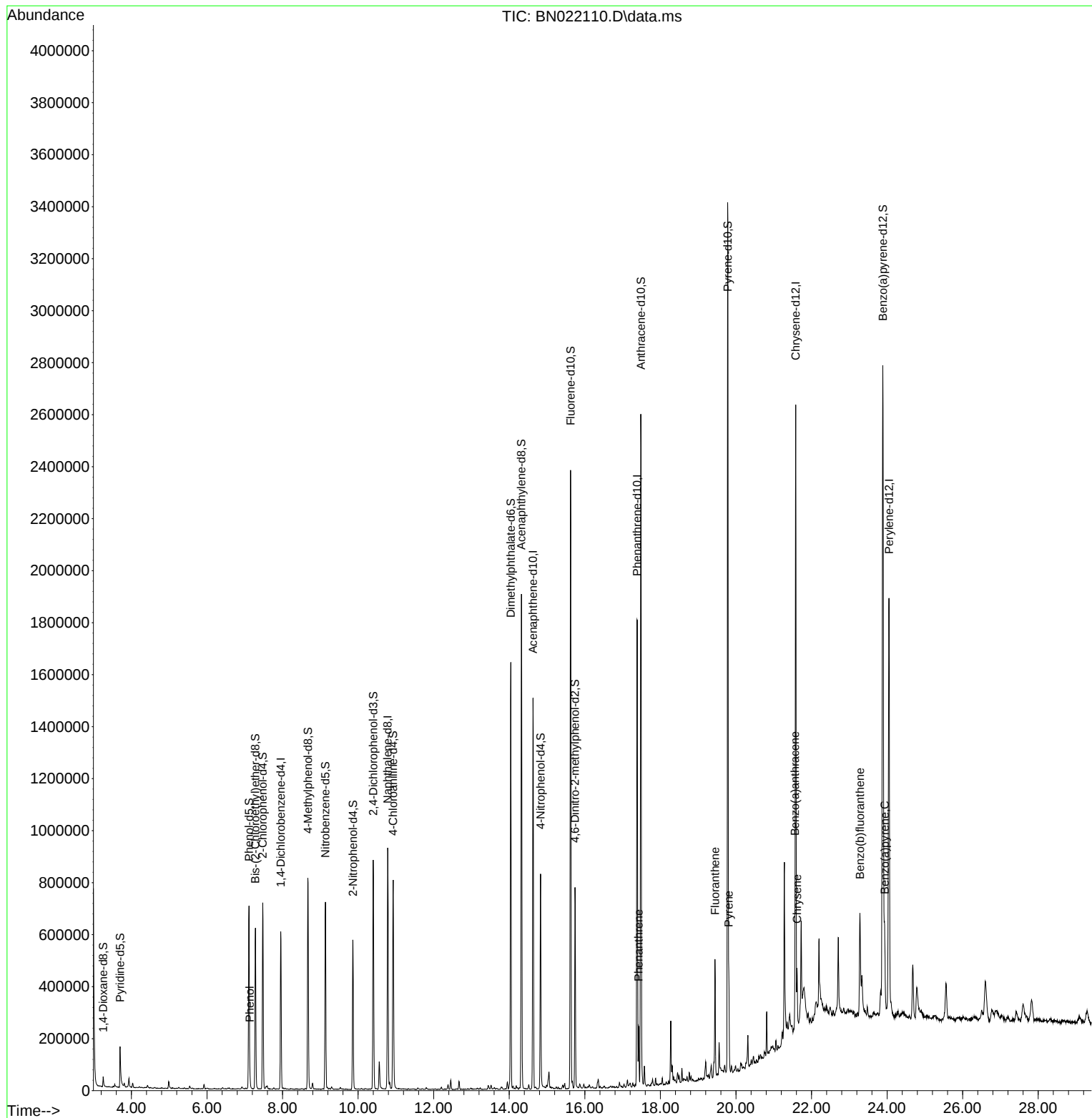
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	163012	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	767514	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.628	164	490176	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1055155	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1022818	20.000	ng/u1	-0.01
88) Perylene-d12	24.051	264	1159676	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	21465	4.991	ng/uL	0.00
4) Pyridine-d5	3.699	84	103645	7.747	ng/u1	0.00
7) Phenol-d5	7.111	99	413097	25.922	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	275754	27.614	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	322423	29.180	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	310046	24.485	ng/u1	-0.01
21) Nitrobenzene-d5	9.134	128	169244	30.072	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	183568	31.823	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	306505	28.308	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.928	131	436319	24.648	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	1046092	30.615	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	1191054	31.215	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	192024	26.328	ng/u1	0.00
60) Fluorene-d10	15.622	176	890049	30.883	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	139092	23.107	ng/u1	-0.01
73) Anthracene-d10	17.481	188	1390678	30.329	ng/u1	0.00
81) Pyrene-d10	19.780	212	1635913	32.125	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	1827199	32.128	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.134	94	22189	1.312	ng/u1	93
72) Phenanthrene	17.422	178	130411	2.291	ng/u1	99
80) Fluoranthene	19.445	202	228198	3.570	ng/u1	97
82) Pyrene	19.810	202	191882	2.869	ng/u1	99
85) Benzo(a)anthracene	21.563	228	115800	1.772	ng/u1#	92
87) Chrysene	21.616	228	118877	1.893	ng/u1	99
90) Benzo(b)fluoranthene	23.286	252	158329	2.165	ng/u1	97
93) Benzo(a)pyrene	23.939	252	89382	1.367	ng/u1#	97

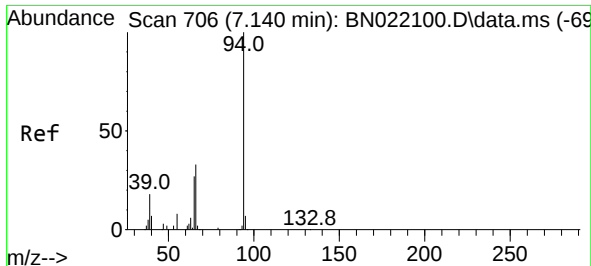
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Phenol

Concen: 1.312 ng/ul

RT: 7.134 min Scan# 706

Delta R.T. -0.006 min

Lab File: BN022110.D

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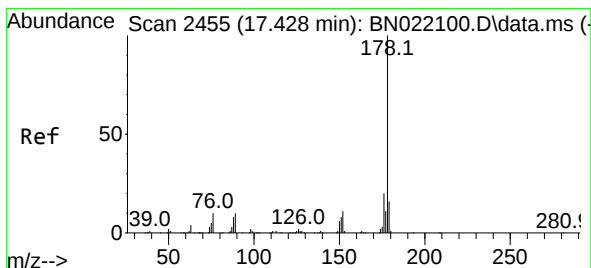
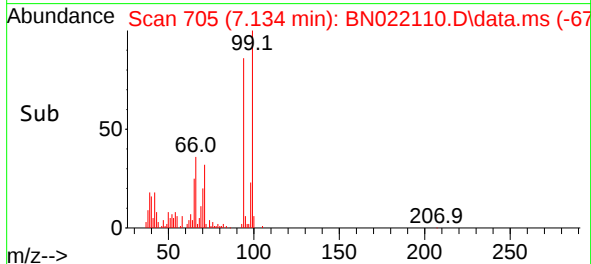
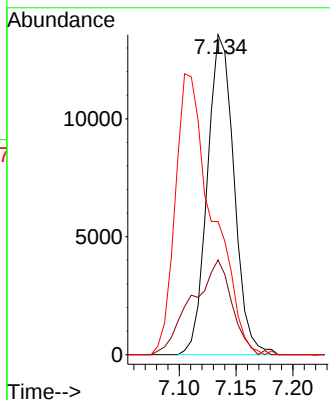
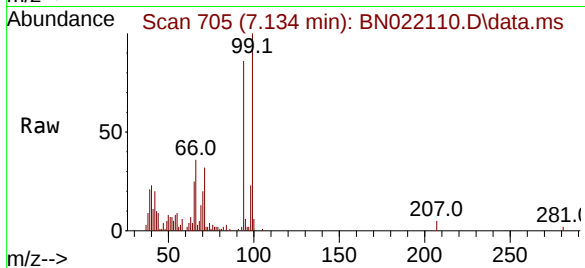
Tgt Ion: 94 Resp: 22189

Ion Ratio Lower Upper

94 100

65 29.6 22.1 33.1

66 41.6 29.0 43.6



#72

Phenanthrene

Concen: 2.291 ng/ul

RT: 17.422 min Scan# 2454

Delta R.T. -0.012 min

Lab File: BN022110.D

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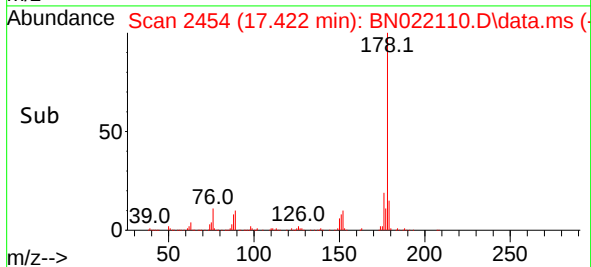
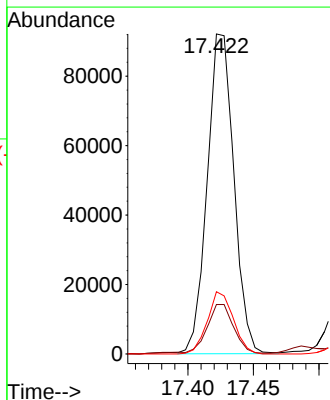
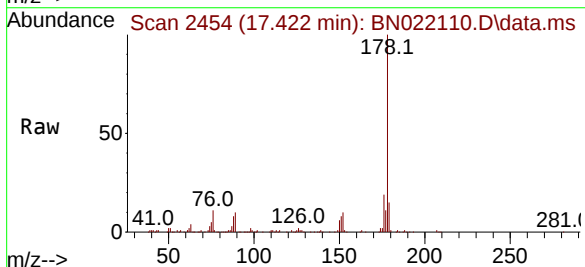
Tgt Ion: 178 Resp: 130411

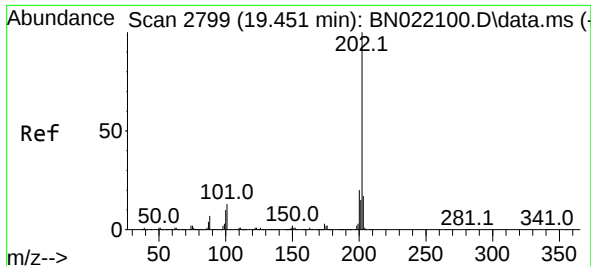
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.5 16.5 24.7

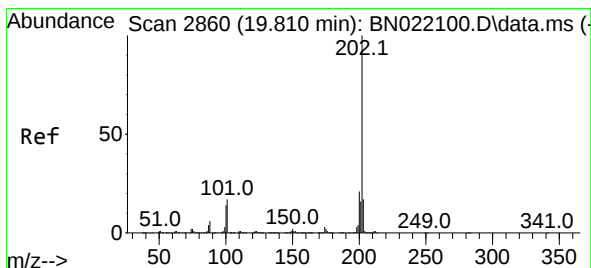
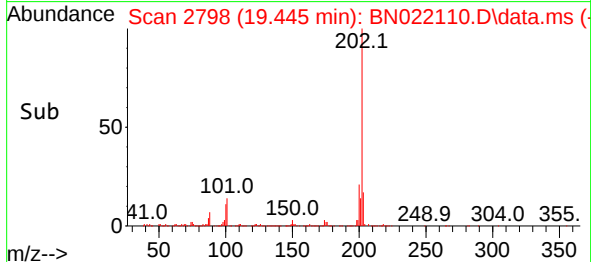
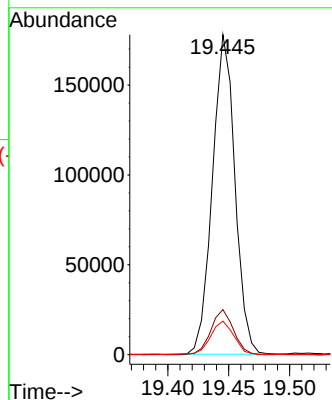
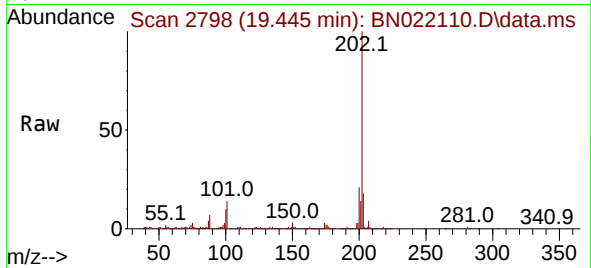




#80
Fluoranthene
Concen: 3.570 ng/ul
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN022110.D
Acq: 14 Oct 2022 05:32

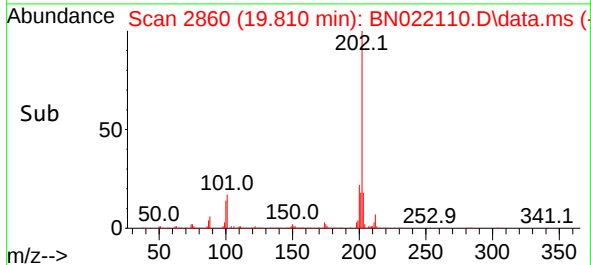
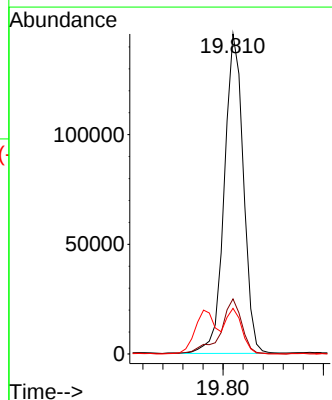
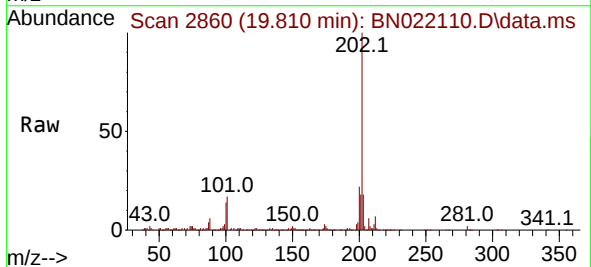
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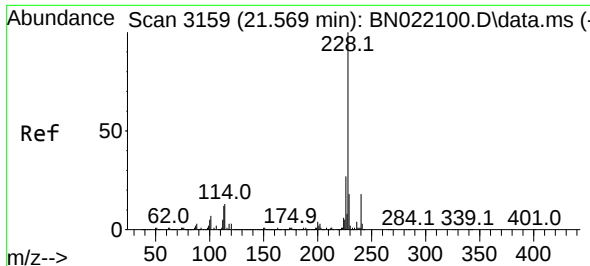
Tgt Ion:202 Resp: 228198
Ion Ratio Lower Upper
202 100
101 14.1 10.3 15.5
100 10.5 7.8 11.8



#82
Pyrene
Concen: 2.869 ng/ul
RT: 19.810 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BN022110.D
Acq: 14 Oct 2022 05:32

Tgt Ion:202 Resp: 191882
Ion Ratio Lower Upper
202 100
101 17.2 13.4 20.0
100 14.3 10.9 16.3

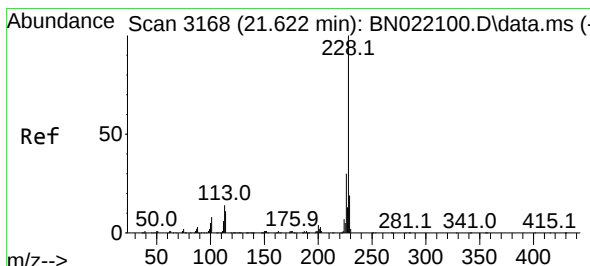
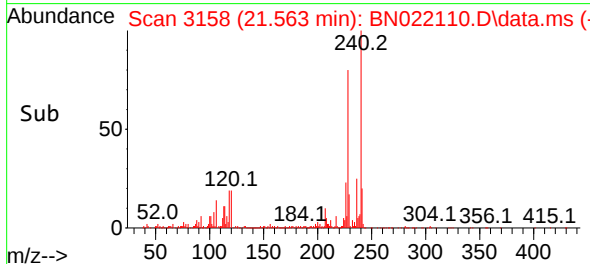
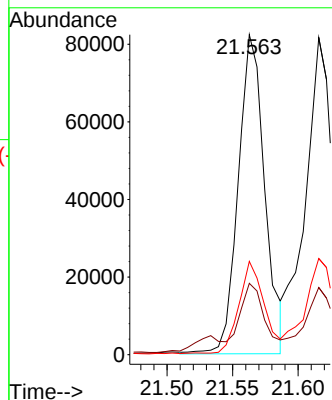
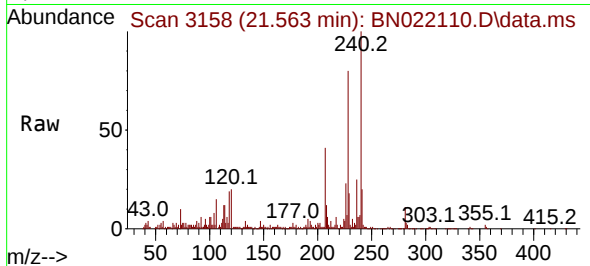




#85
Benzo(a)anthracene
Concen: 1.772 ng/u1
RT: 21.563 min Scan# 3158
Delta R.T. -0.012 min
Lab File: BN022110.D
Acq: 14 Oct 2022 05:32

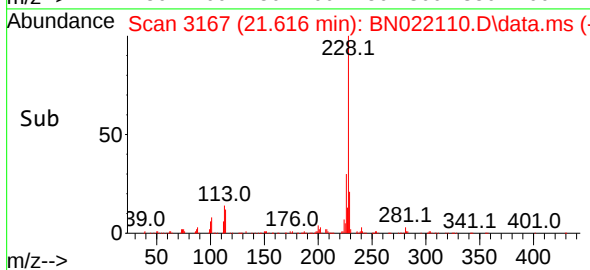
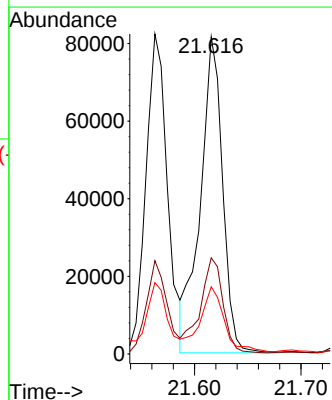
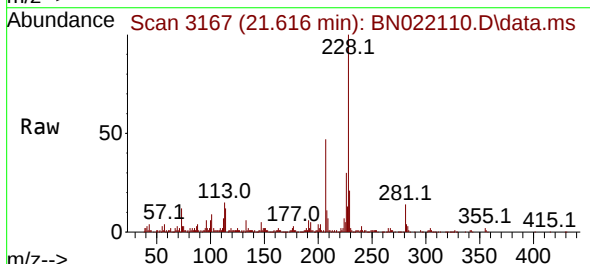
Instrument :
BNA_N
ClientSampleId :
C0BG5

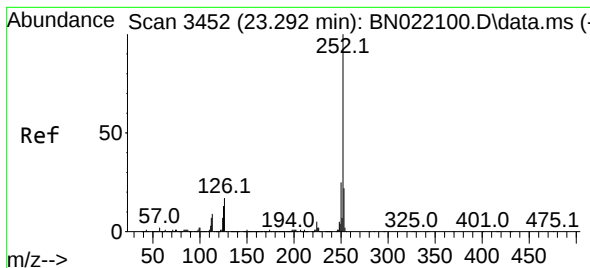
Tgt Ion:228 Resp: 115800
Ion Ratio Lower Upper
228 100
229 22.3 13.5 20.3#
226 29.1 21.0 31.6



#87
Chrysene
Concen: 1.893 ng/u1
RT: 21.616 min Scan# 3167
Delta R.T. -0.012 min
Lab File: BN022110.D
Acq: 14 Oct 2022 05:32

Tgt Ion:228 Resp: 118877
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 21.2 16.5 24.7





#90

Benzo(b)fluoranthene

Concen: 2.165 ng/u1

RT: 23.286 min Scan# 3452

Delta R.T. -0.012 min

Lab File: BN022110.D

Acq: 14 Oct 2022 05:32

Instrument :

BNA_N

ClientSampleId :

C0BG5

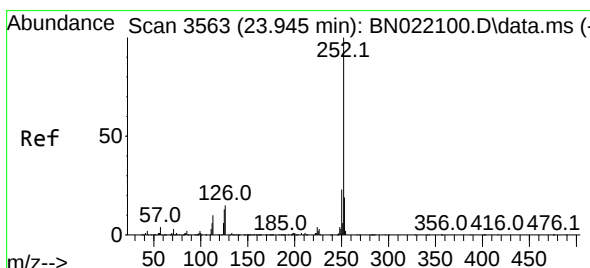
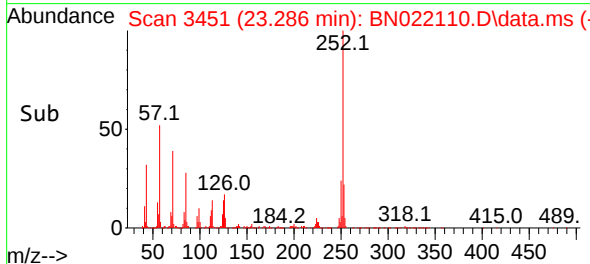
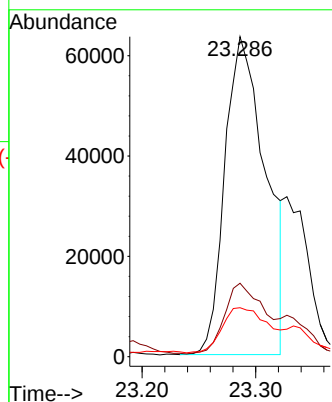
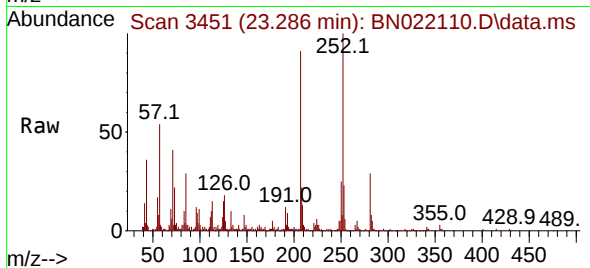
Tgt Ion:252 Resp: 158329

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 15.3 10.7 16.1



#93

Benzo(a)pyrene

Concen: 1.367 ng/u1

RT: 23.939 min Scan# 3562

Delta R.T. -0.012 min

Lab File: BN022110.D

Acq: 14 Oct 2022 05:32

Tgt Ion:252 Resp: 89382

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 16.4 10.8 16.2#

