

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032102.D
 Acq On : 20 Jun 2024 18:40
 Operator : MA/JU
 Sample : P2710-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 21 02:14:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

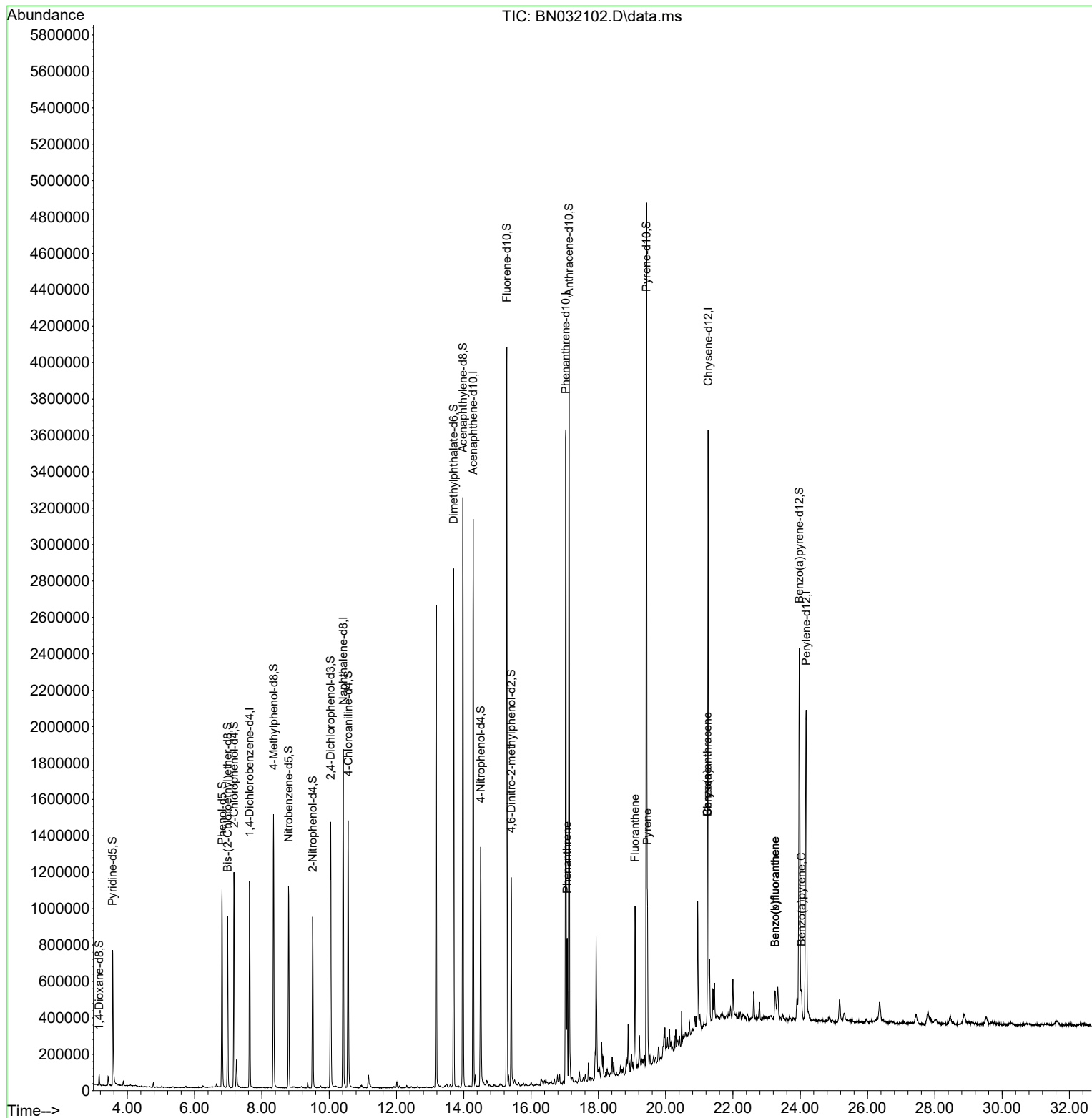
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	325170	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1577938	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	1094698	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	2199800	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1626743	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1468910	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	31608	4.021	ng/uL	0.00
4) Pyridine-d5	3.564	84	453908	20.515	ng/u1	0.00
7) Phenol-d5	6.816	99	683667	24.525	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	378813	23.232	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	587450	27.619	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	606701	26.699	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	304834	25.266	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	334208	26.816	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	594348	25.545	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	855809	24.773	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1953857	25.620	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	2230226	25.433	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	303846	19.899	ng/u1	0.00
60) Fluorene-d10	15.281	176	1644092	25.479	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	255944	23.147	ng/u1	0.00
73) Anthracene-d10	17.128	188	2368744	25.152	ng/u1	0.00
81) Pyrene-d10	19.427	212	2618209	30.077	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1794463	25.584	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.075	178	482039	4.302	ng/u1	99
80) Fluoranthene	19.092	202	500242	4.808	ng/u1	97
82) Pyrene	19.457	202	546489	5.120	ng/u1	97
85) Benzo(a)anthracene	21.245	228	191348	1.757	ng/u1	97
87) Chrysene	21.245	228	191237	1.880	ng/u1	97
90) Benzo(b)fluoranthene	23.257	252	155013	1.766	ng/u1	96
91) Benzo(k)fluoranthene	23.257	252	155013	1.799	ng/u1	97
93) Benzo(a)pyrene	24.033	252	125773	1.529	ng/u1	95

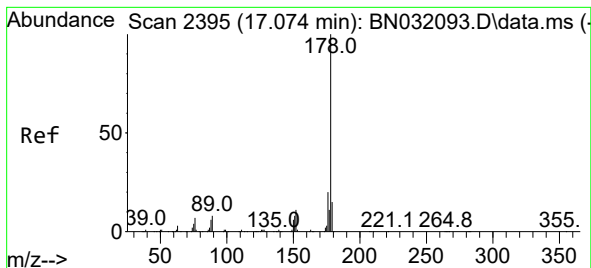
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 21 02:14:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 4.302 ng/ul

RT: 17.075 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN032102.D

Acq: 20 Jun 2024 18:40

Instrument :

BNA_N

ClientSampleId :

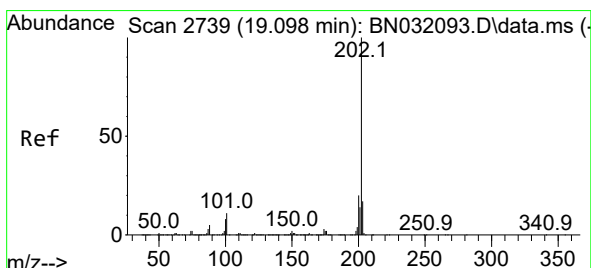
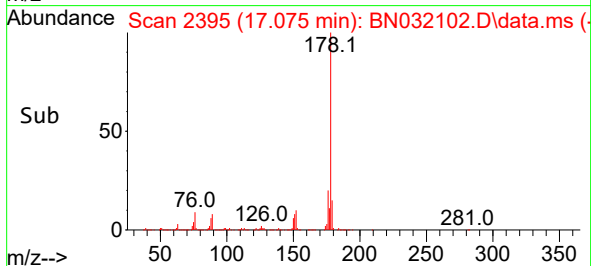
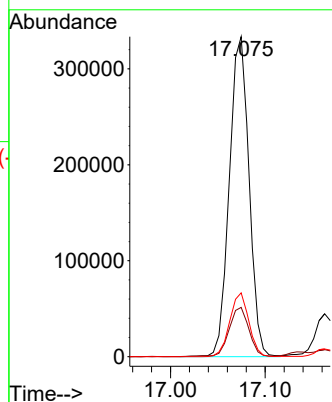
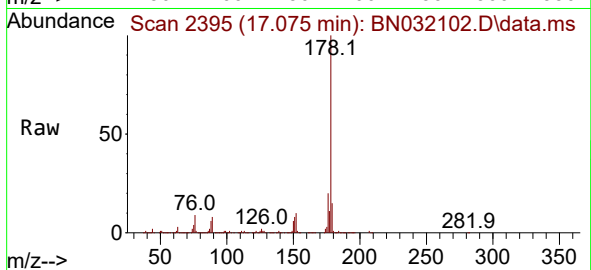
Tgt Ion:178 Resp: 482039

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

176 19.9 15.8 23.6



#80

Fluoranthene

Concen: 4.808 ng/ul

RT: 19.092 min Scan# 2738

Delta R.T. -0.006 min

Lab File: BN032102.D

Acq: 20 Jun 2024 18:40

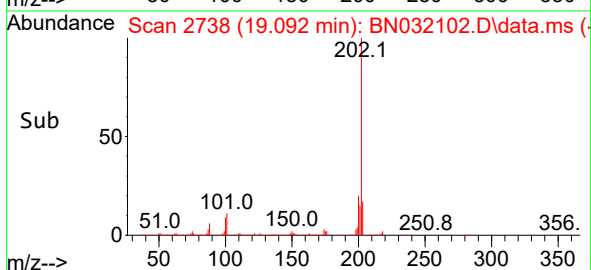
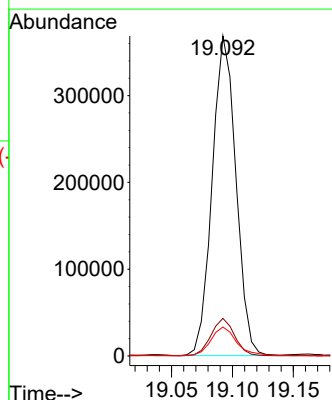
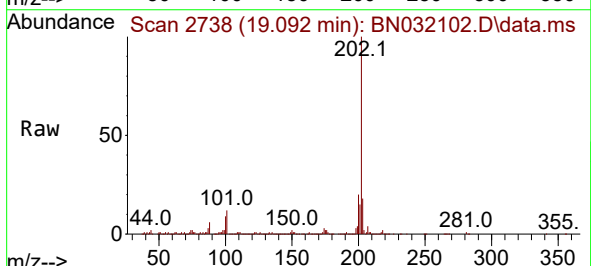
Tgt Ion:202 Resp: 500242

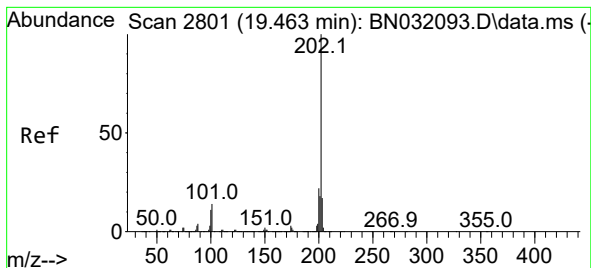
Ion Ratio Lower Upper

202 100

101 11.8 10.3 15.5

100 9.1 8.0 12.0





#82

Pyrene

Concen: 5.120 ng/ul

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN032102.D

Acq: 20 Jun 2024 18:40

Instrument :

BNA_N

ClientSampleId :

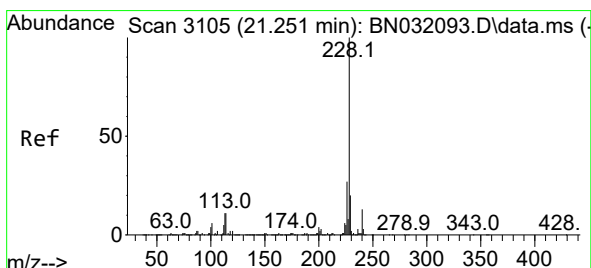
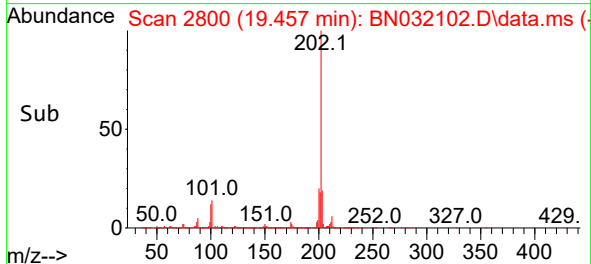
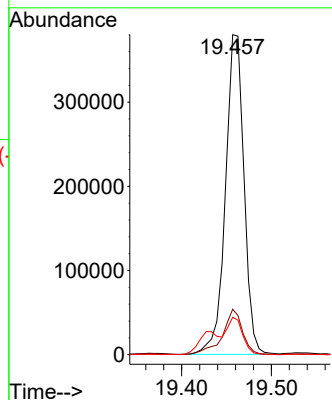
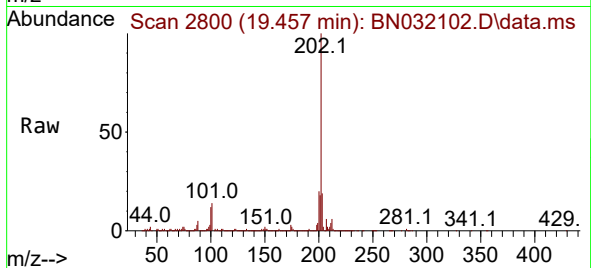
Tgt Ion:202 Resp: 546489

Ion Ratio Lower Upper

202 100

101 14.2 12.6 18.8

100 11.7 10.2 15.2



#85

Benzo(a)anthracene

Concen: 1.757 ng/ul

RT: 21.245 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BN032102.D

Acq: 20 Jun 2024 18:40

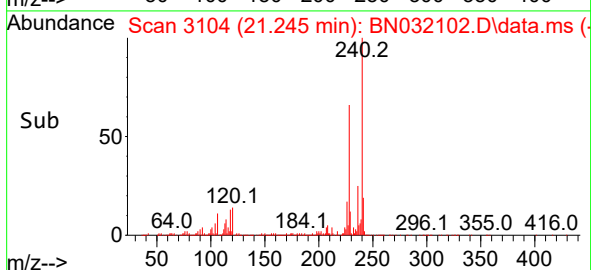
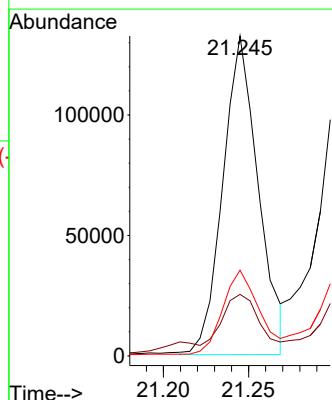
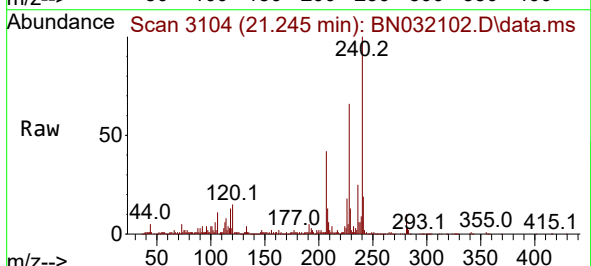
Tgt Ion:228 Resp: 191348

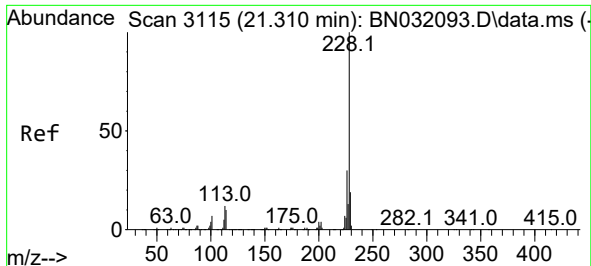
Ion Ratio Lower Upper

228 100

229 19.3 16.7 25.1

226 26.8 22.8 34.2





#87

Chrysene

Concen: 1.880 ng/ul

RT: 21.245 min Scan# 3115

Delta R.T. -0.065 min

Lab File: BN032102.D

Acq: 20 Jun 2024 18:40

Instrument :

BNA_N

ClientSampleId :

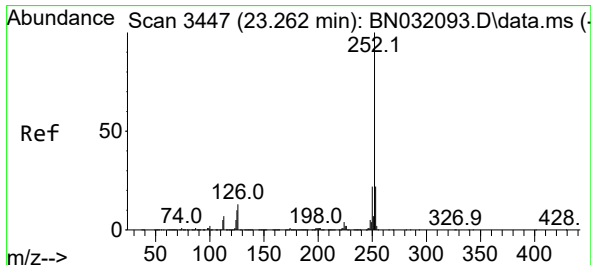
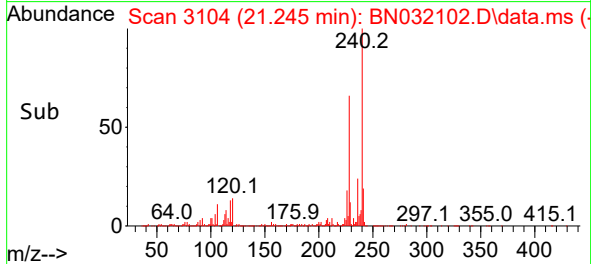
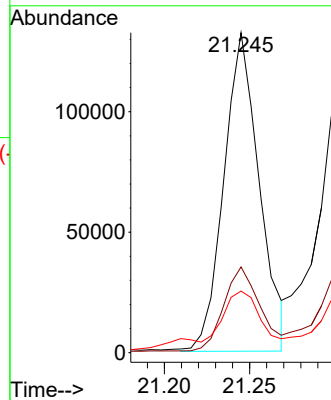
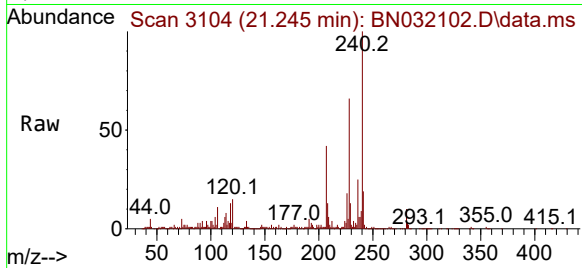
Tgt Ion:228 Resp: 191237

Ion Ratio Lower Upper

228 100

226 26.8 23.7 35.5

229 19.3 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 1.766 ng/ul

RT: 23.257 min Scan# 3446

Delta R.T. -0.006 min

Lab File: BN032102.D

Acq: 20 Jun 2024 18:40

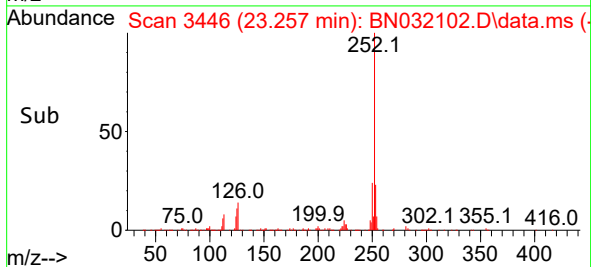
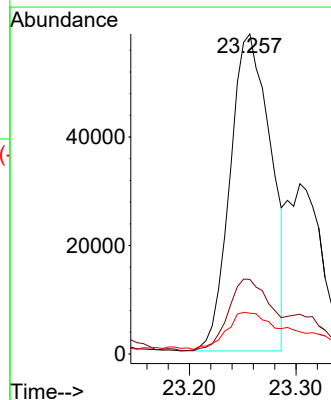
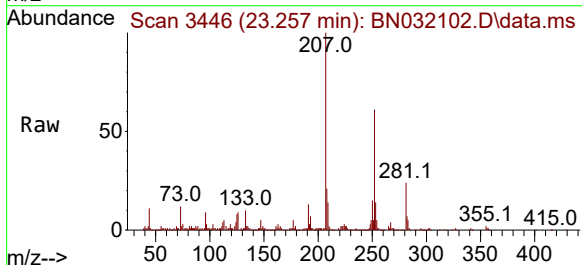
Tgt Ion:252 Resp: 155013

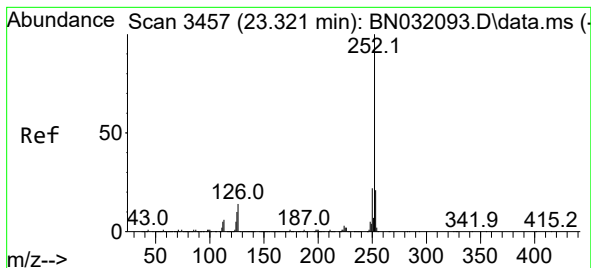
Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.6

125 12.8 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 1.799 ng/ul

RT: 23.257 min Scan# 3457

Delta R.T. -0.065 min

Lab File: BN032102.D

Acq: 20 Jun 2024 18:40

Instrument :

BNA_N

ClientSampleId :

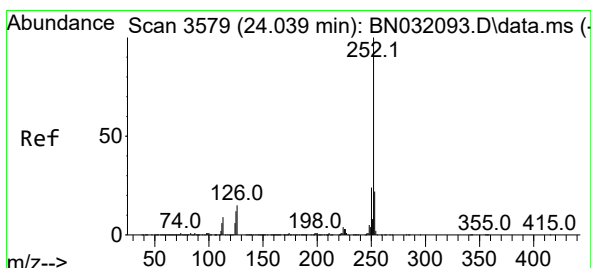
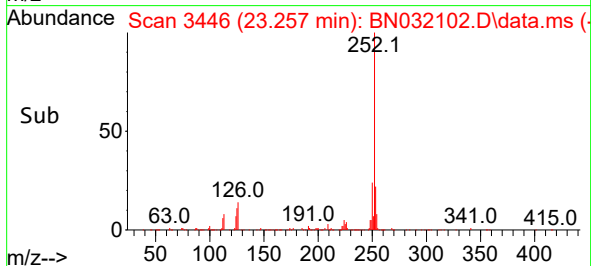
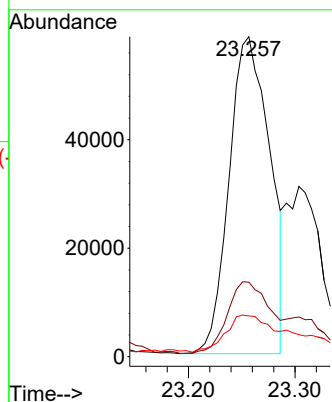
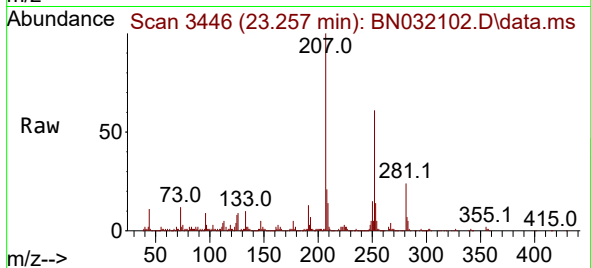
Tgt Ion:252 Resp: 155013

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

125 12.8 9.4 14.2



#93

Benzo(a)pyrene

Concen: 1.529 ng/ul

RT: 24.033 min Scan# 3578

Delta R.T. -0.006 min

Lab File: BN032102.D

Acq: 20 Jun 2024 18:40

Tgt Ion:252 Resp: 125773

Ion Ratio Lower Upper

252 100

253 23.1 16.6 24.8

125 14.2 9.8 14.8

