

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032103.D
 Acq On : 20 Jun 2024 19:20
 Operator : MA/JU
 Sample : P2710-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 21 02:14:39 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

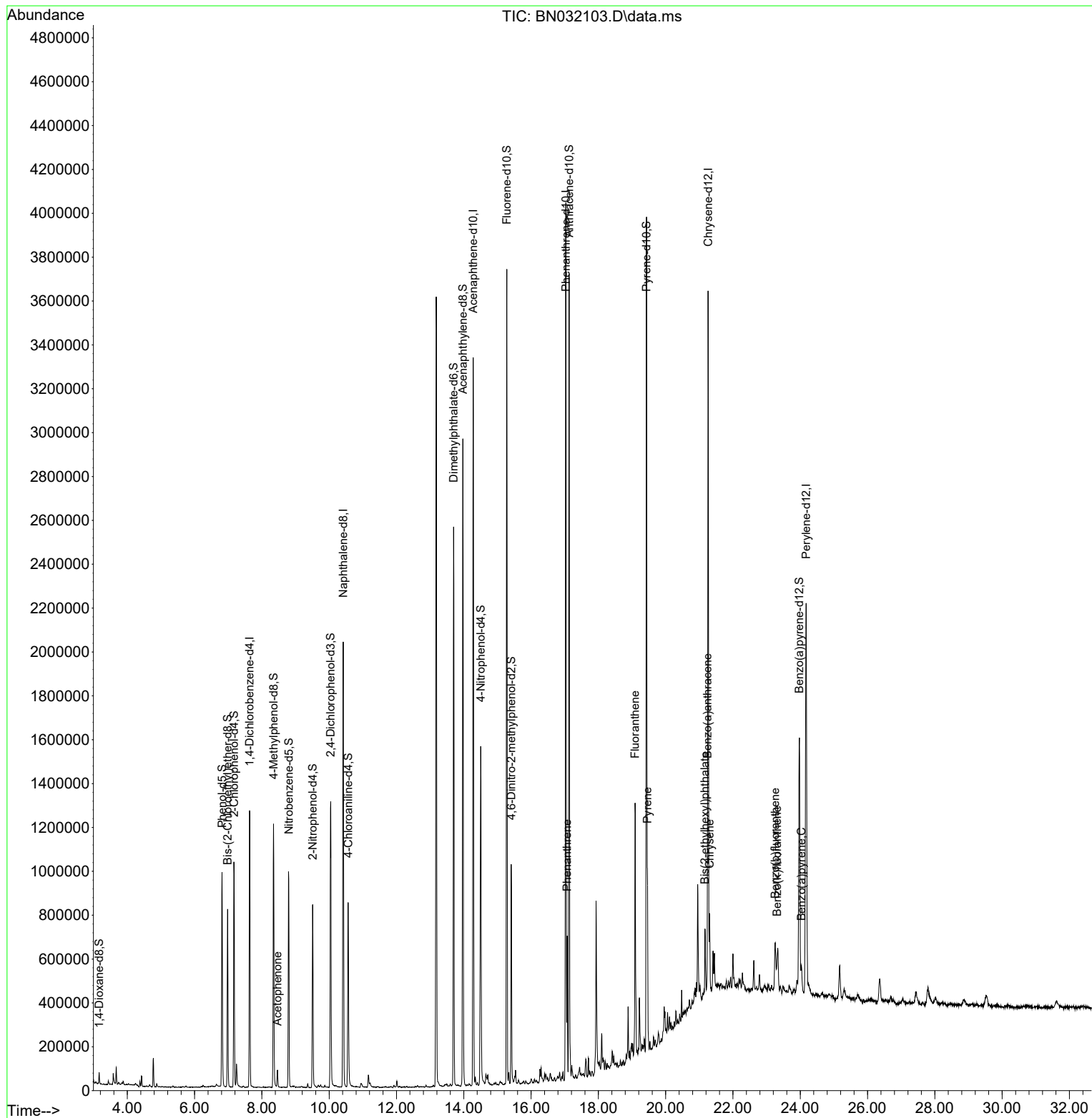
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	371920	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1771229	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.280	164	1219525	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	2412825	20.000	ng/u1	0.00
79) Chrysene-d12	21.262	240	1592436	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1530585	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	26578	2.956	ng/uL	0.00
4) Pyridine-d5	3.587	84	24336	0.962	ng/u1	0.02
7) Phenol-d5	6.816	99	607814	19.063	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	331851	17.794	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	515371	21.184	ng/u1	0.00
15) 4-Methylphenol-d8	8.345	113	484663	18.648	ng/u1	0.00
21) Nitrobenzene-d5	8.798	128	266515	19.679	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	296363	21.185	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.045	165	538052	20.602	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	519659	13.401	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1796914	21.150	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	1983446	20.303	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	268897	15.807	ng/u1	0.00
60) Fluorene-d10	15.280	176	1517199	21.106	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	224457	18.507	ng/u1	0.00
73) Anthracene-d10	17.133	188	2163579	20.945	ng/u1	0.00
81) Pyrene-d10	19.427	212	2004789	23.526	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1087017	14.873	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.463	105	41591	1.056	ng/u1	99
72) Phenanthrene	17.074	178	380580	3.096	ng/u1	99
80) Fluoranthene	19.092	202	669859	6.578	ng/u1	97
82) Pyrene	19.457	202	475508	4.551	ng/u1	94
85) Benzo(a)anthracene	21.245	228	229137	2.150	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.168	149	160894	2.237	ng/u1	98
87) Chrysene	21.304	228	235040	2.361	ng/u1	95
90) Benzo(b)fluoranthene	23.251	252	243297	2.659	ng/u1	95
91) Benzo(k)fluoranthene	23.309	252	90835	1.012	ng/u1	96
93) Benzo(a)pyrene	24.033	252	101707	1.187	ng/u1#	92

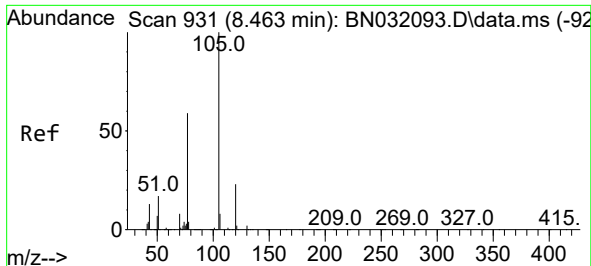
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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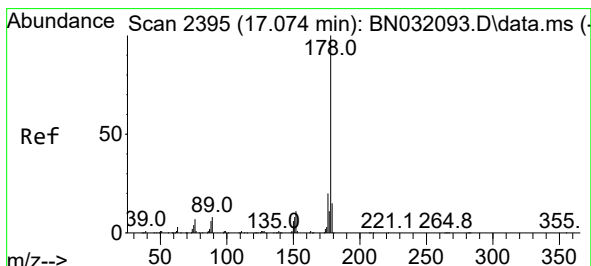
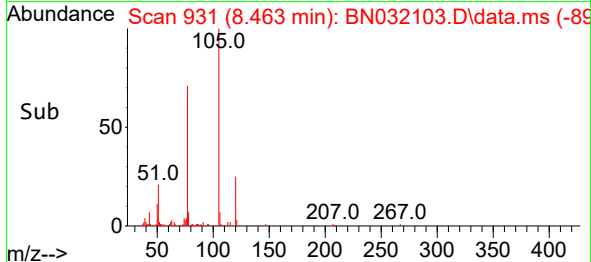
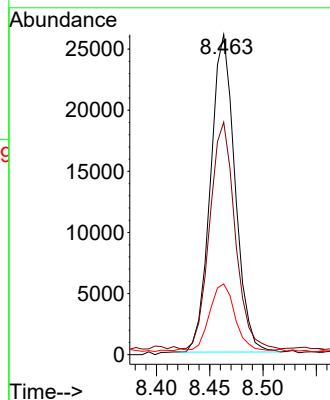
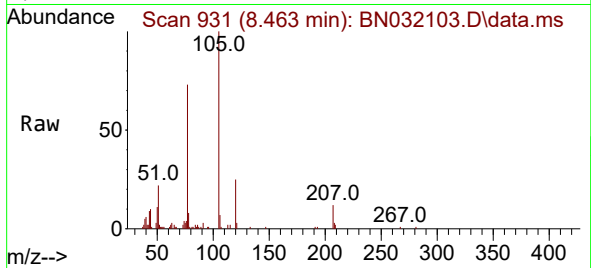




#16
Acetophenone
Concen: 1.056 ng/ul
RT: 8.463 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN032103.D
Acq: 20 Jun 2024 19:20

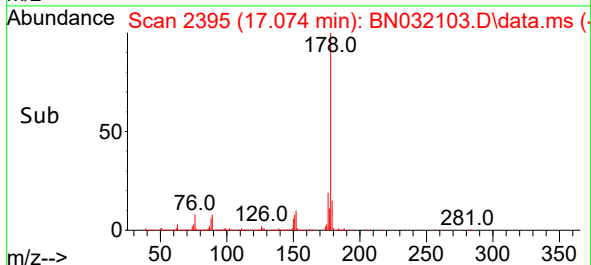
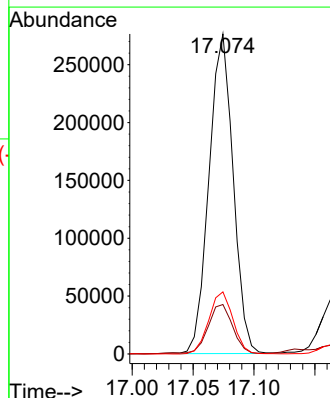
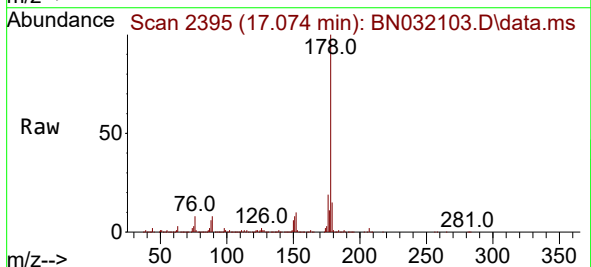
Instrument :
BNA_N
ClientSampleId :

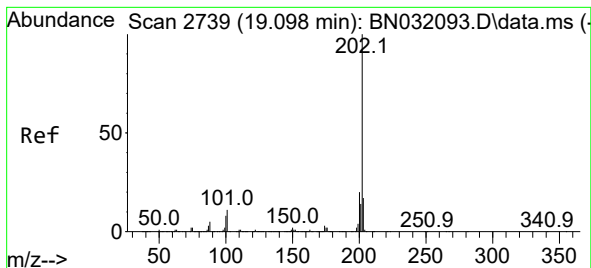
Tgt Ion:105 Resp: 41591
Ion Ratio Lower Upper
105 100
77 72.7 58.6 87.8
51 22.1 17.2 25.8



#72
Phenanthrene
Concen: 3.096 ng/ul
RT: 17.074 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN032103.D
Acq: 20 Jun 2024 19:20

Tgt Ion:178 Resp: 380580
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.4 15.8 23.6





#80

Fluoranthene

Concen: 6.578 ng/ul

RT: 19.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN032103.D

Acq: 20 Jun 2024 19:20

Instrument :

BNA_N

ClientSampleId :

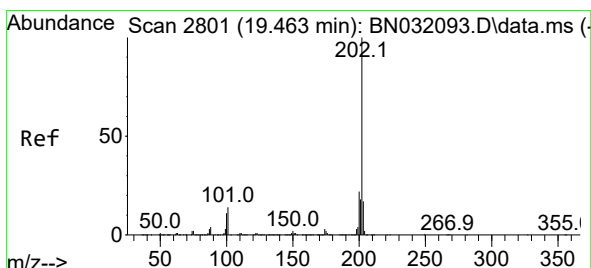
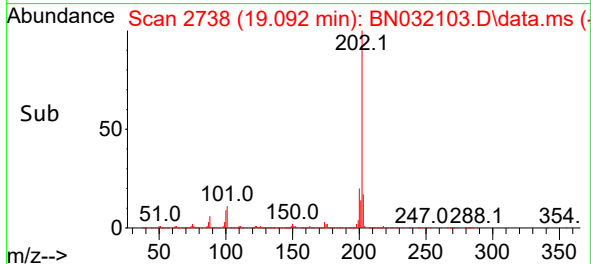
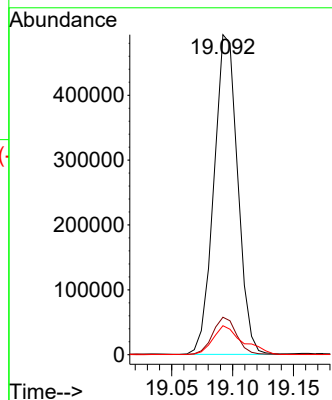
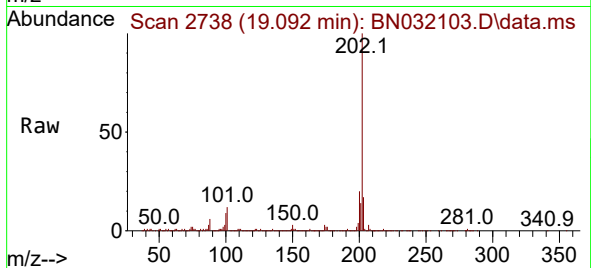
Tgt Ion:202 Resp: 669859

Ion Ratio Lower Upper

202 100

101 11.7 10.3 15.5

100 9.0 8.0 12.0



#82

Pyrene

Concen: 4.551 ng/ul

RT: 19.457 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BN032103.D

Acq: 20 Jun 2024 19:20

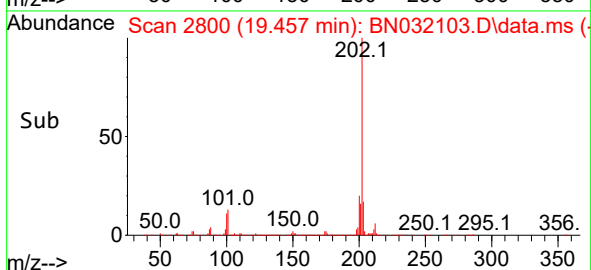
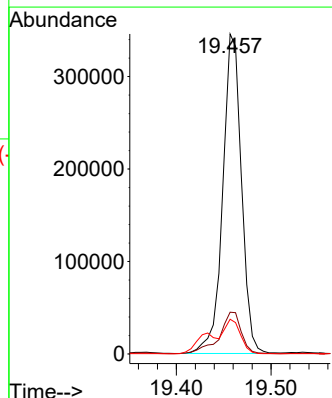
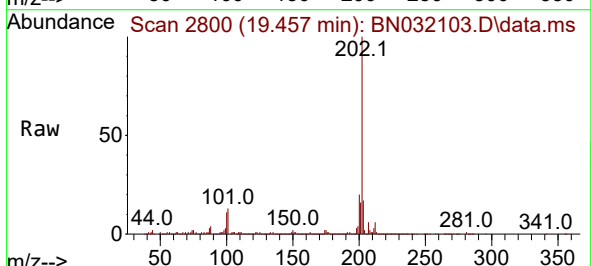
Tgt Ion:202 Resp: 475508

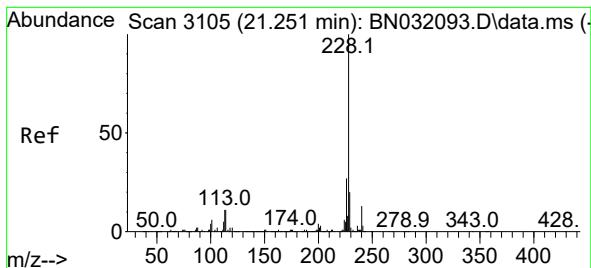
Ion Ratio Lower Upper

202 100

101 13.1 12.6 18.8

100 10.9 10.2 15.2





#85

Benzo(a)anthracene

Concen: 2.150 ng/ul

RT: 21.245 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BN032103.D

Acq: 20 Jun 2024 19:20

Instrument :

BNA_N

ClientSampleId :

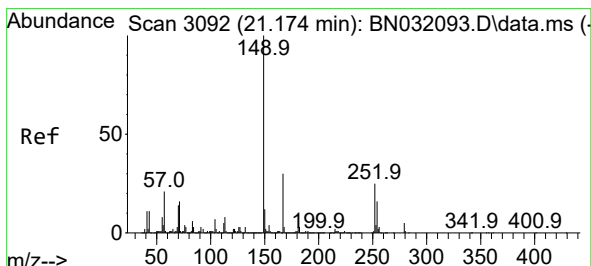
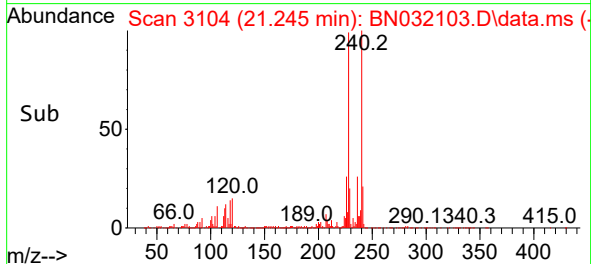
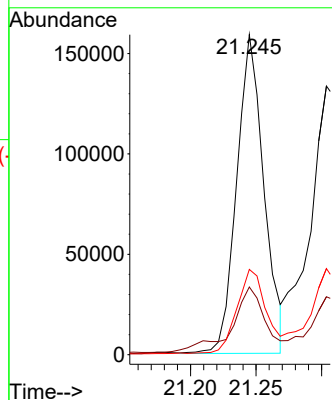
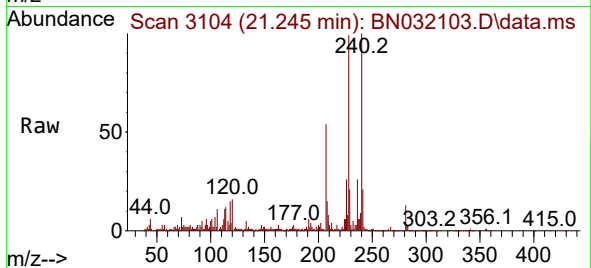
Tgt Ion:228 Resp: 229137

Ion Ratio Lower Upper

228 100

229 21.1 16.7 25.1

226 26.7 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.237 ng/ul

RT: 21.168 min Scan# 3091

Delta R.T. -0.006 min

Lab File: BN032103.D

Acq: 20 Jun 2024 19:20

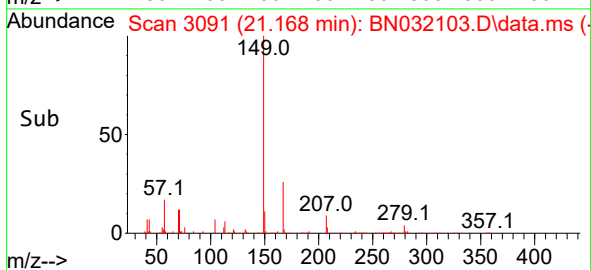
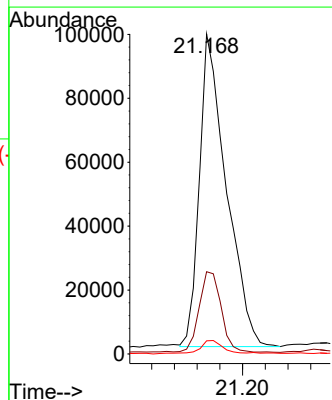
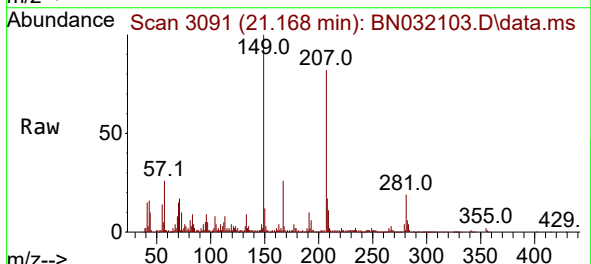
Tgt Ion:149 Resp: 160894

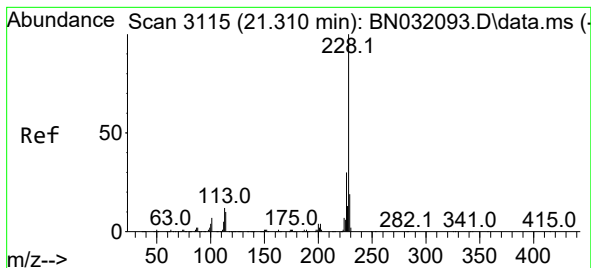
Ion Ratio Lower Upper

149 100

167 25.7 21.4 32.0

279 4.1 3.3 4.9





#87

Chrysene

Concen: 2.361 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BN032103.D

Acq: 20 Jun 2024 19:20

Instrument :

BNA_N

ClientSampleId :

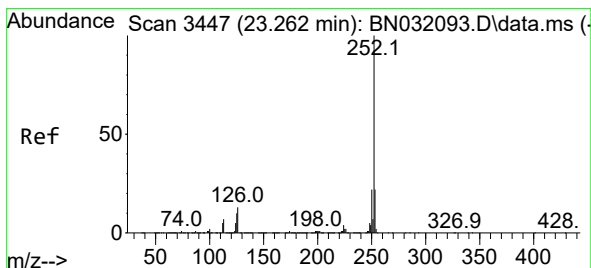
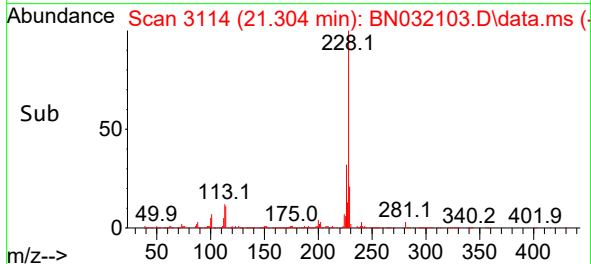
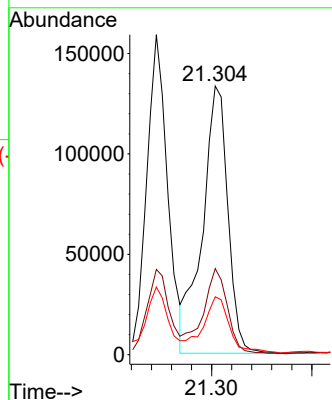
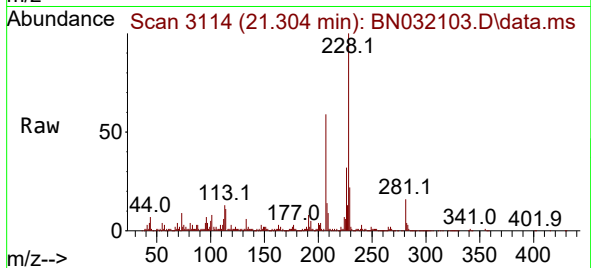
Tgt Ion:228 Resp: 235040

Ion Ratio Lower Upper

228 100

226 32.1 23.7 35.5

229 21.6 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 2.659 ng/ul

RT: 23.251 min Scan# 3445

Delta R.T. -0.012 min

Lab File: BN032103.D

Acq: 20 Jun 2024 19:20

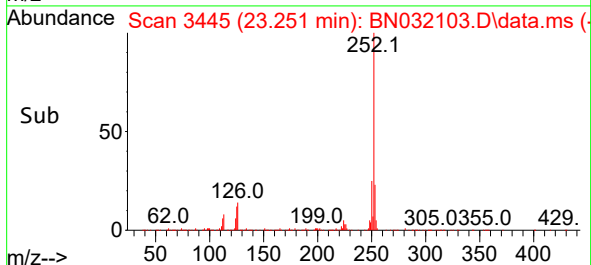
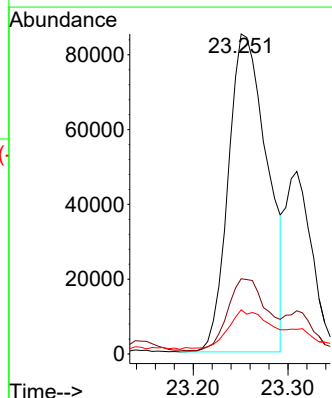
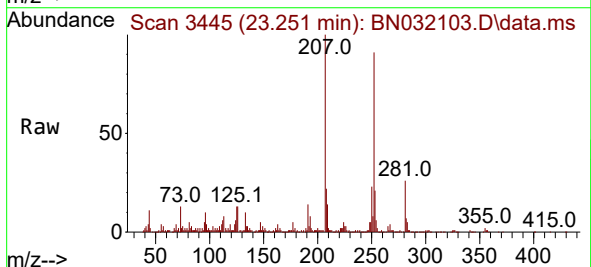
Tgt Ion:252 Resp: 243297

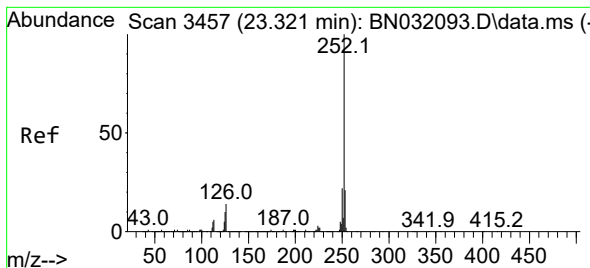
Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.6

125 13.8 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 1.012 ng/ul

RT: 23.309 min Scan# 3457

Delta R.T. -0.012 min

Lab File: BN032103.D

Acq: 20 Jun 2024 19:20

Instrument :

BNA_N

ClientSampleId :

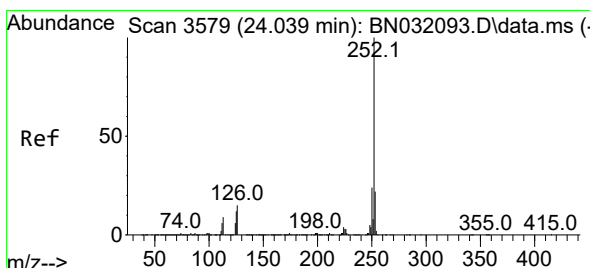
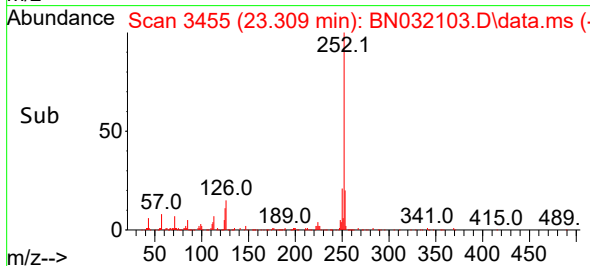
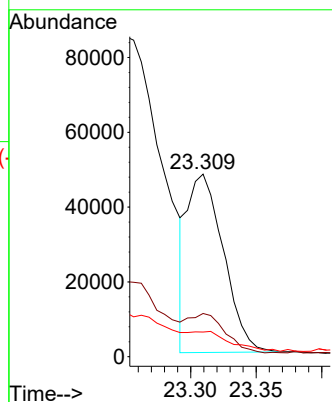
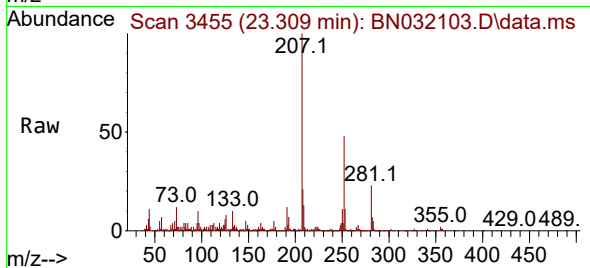
Tgt Ion:252 Resp: 90835

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

125 13.5 9.4 14.2



#93

Benzo(a)pyrene

Concen: 1.187 ng/ul

RT: 24.033 min Scan# 3578

Delta R.T. -0.006 min

Lab File: BN032103.D

Acq: 20 Jun 2024 19:20

Tgt Ion:252 Resp: 101707

Ion Ratio Lower Upper

252 100

253 23.6 16.6 24.8

125 16.8 9.8 14.8#

