

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031125.D
 Acq On : 22 Apr 2024 16:56
 Operator : MA/JU
 Sample : P2037-18RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CY4RX

Quant Time: Apr 22 23:28:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

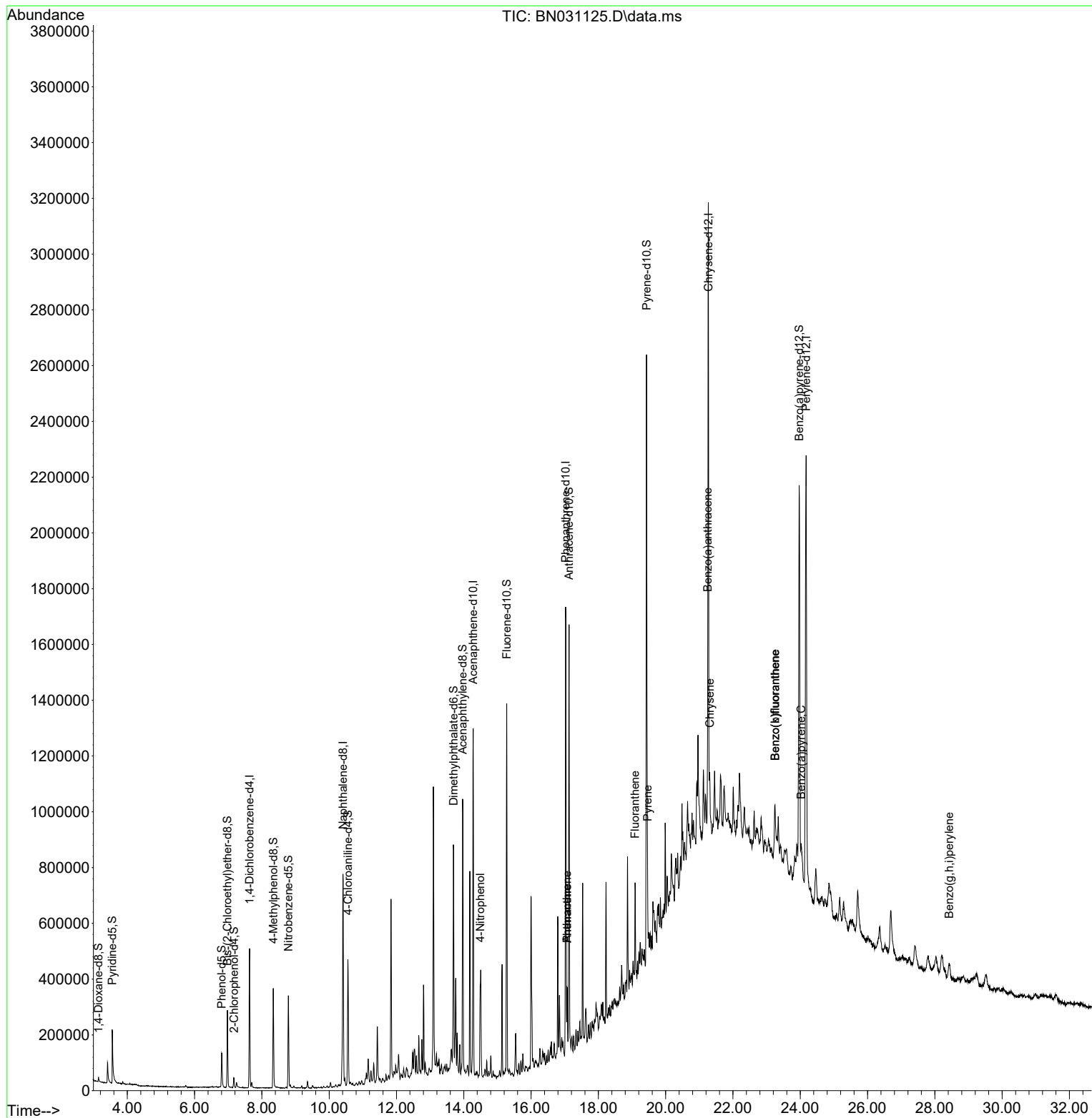
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	137254	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	626296	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	414293	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.027	188	945467	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	1077019	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1315670	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	9010	3.067	ng/uL	0.00
4) Pyridine-d5	3.552	84	117847	13.929	ng/ul	0.00
7) Phenol-d5	6.804	99	74151	6.404	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	119434	17.730	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	17219	1.910	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	135928	13.960	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	79588	17.687	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	2823	0.604	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	6586	0.714	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	225126	15.618	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	530448	18.399	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	638056	19.531	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	131	0.022	ng/ul	0.02
60) Fluorene-d10	15.275	176	497221	19.812	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.127	188	815069	19.889	ng/ul	0.00
81) Pyrene-d10	19.433	212	1079527	20.398	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1255024	20.116	ng/ul	0.00
Target Compounds						
					Qvalue	
55) 4-Nitrophenol	14.492	109	7400	1.515	ng/ul#	4
72) Phenanthrene	17.074	178	132665	2.653	ng/ul	97
74) Anthracene	17.074	178	132663	2.621	ng/ul	97
80) Fluoranthene	19.092	202	163970	2.618	ng/ul	96
82) Pyrene	19.463	202	141091	2.144	ng/ul	99
85) Benzo(a)anthracene	21.251	228	92571	1.266	ng/ul	95
87) Chrysene	21.309	228	104584	1.506	ng/ul	97
90) Benzo(b)fluoranthene	23.251	252	163382	2.207	ng/ul#	79
91) Benzo(k)fluoranthene	23.251	252	163382	2.194	ng/ul#	78
93) Benzo(a)pyrene	24.027	252	117402	1.590	ng/ul#	87
96) Benzo(g,h,i)perylene	28.427	276	92156	1.249	ng/ul	98

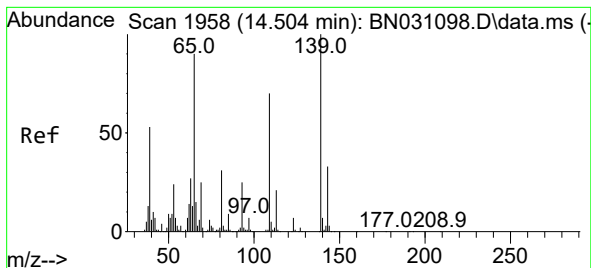
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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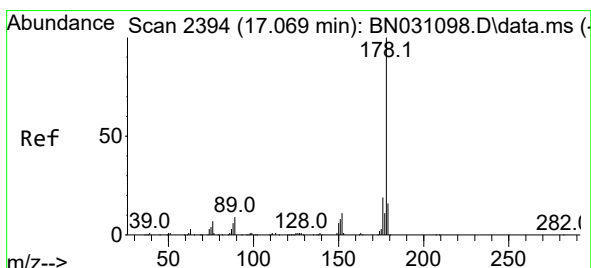
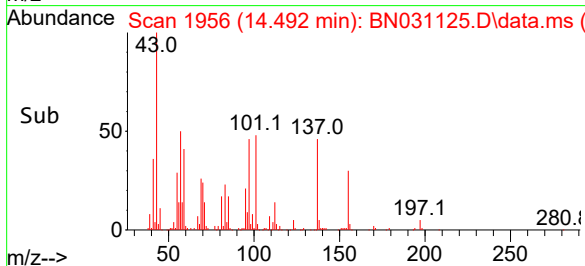
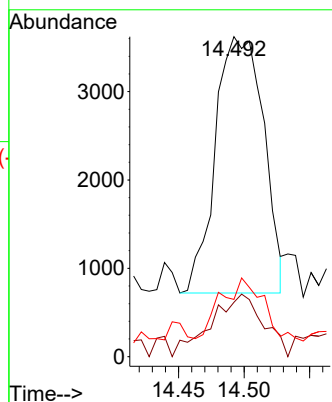
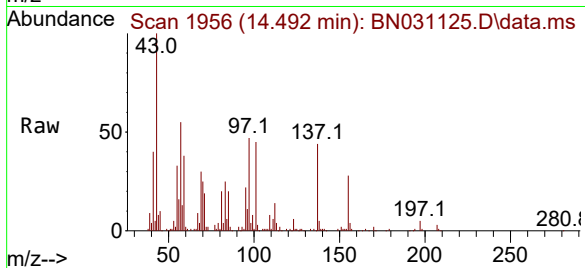




#55
4-Nitrophenol
Concen: 1.515 ng/ul
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BN031125.D
Acq: 22 Apr 2024 16:56

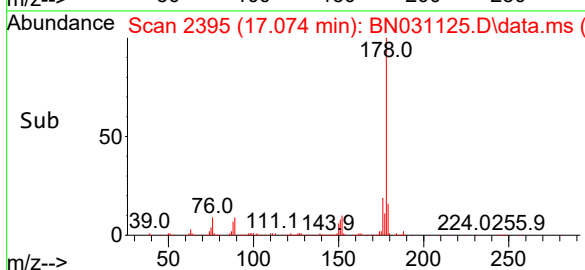
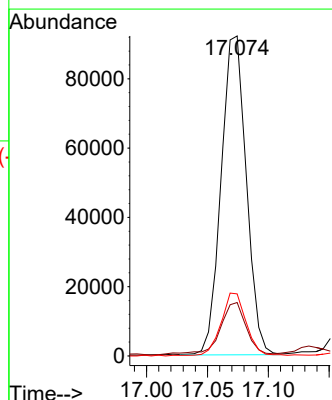
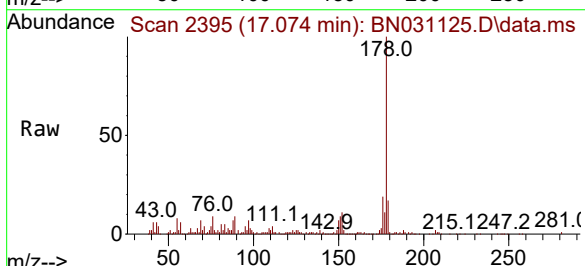
Instrument :
BNA_N
ClientSampleId :
E1CY4RX

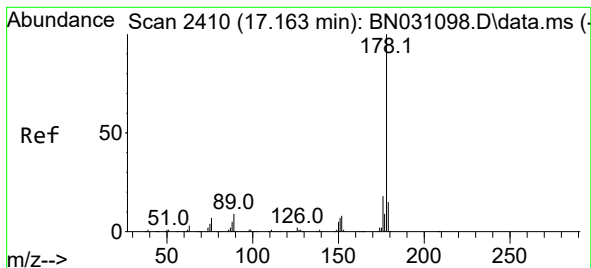
Tgt Ion:109 Resp: 7400
Ion Ratio Lower Upper
109 100
139 17.0 105.6 158.4#
65 17.9 98.2 147.2#



#72
Phenanthrene
Concen: 2.653 ng/ul
RT: 17.074 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN031125.D
Acq: 22 Apr 2024 16:56

Tgt Ion:178 Resp: 132665
Ion Ratio Lower Upper
178 100
179 16.7 12.4 18.6
176 19.4 14.6 21.8





#74

Anthracene

Concen: 2.621 ng/ul

RT: 17.074 min Scan# 21

Delta R.T. -0.094 min

Lab File: BN031125.D

Acq: 22 Apr 2024 16:56

Instrument :

BNA_N

ClientSampleId :

E1CY4RX

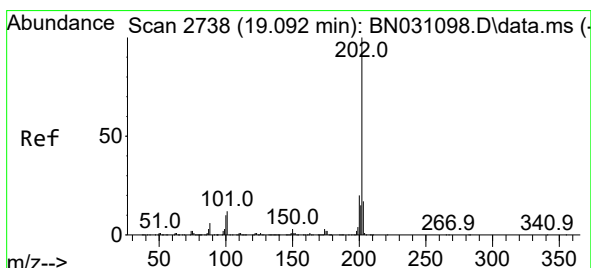
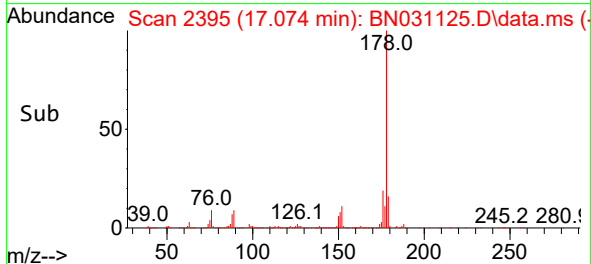
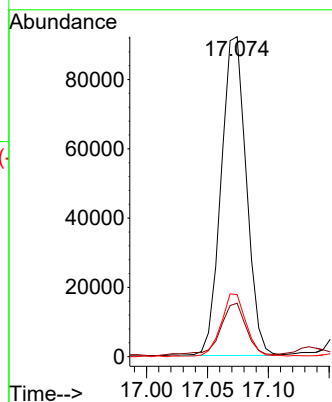
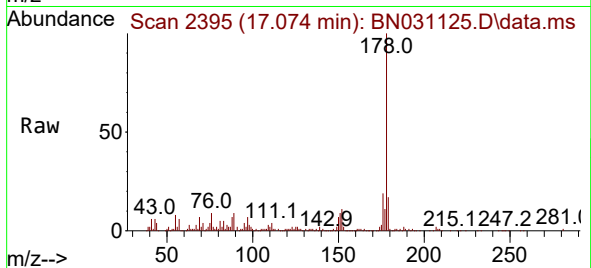
Tgt Ion:178 Resp: 132663

Ion Ratio Lower Upper

178 100

179 16.7 12.2 18.4

176 19.4 14.4 21.6



#80

Fluoranthene

Concen: 2.618 ng/ul

RT: 19.092 min Scan# 2738

Delta R.T. -0.006 min

Lab File: BN031125.D

Acq: 22 Apr 2024 16:56

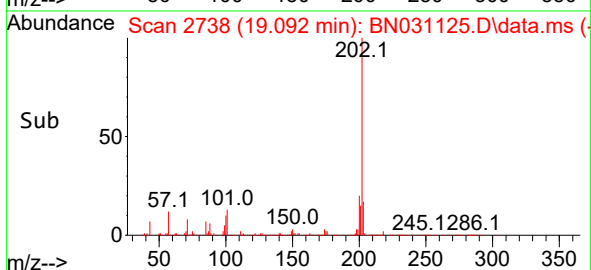
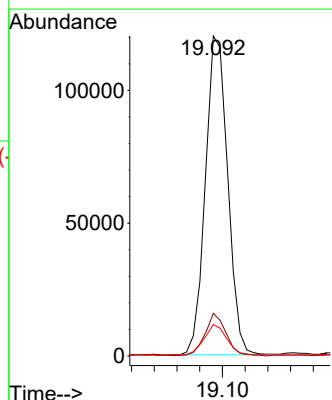
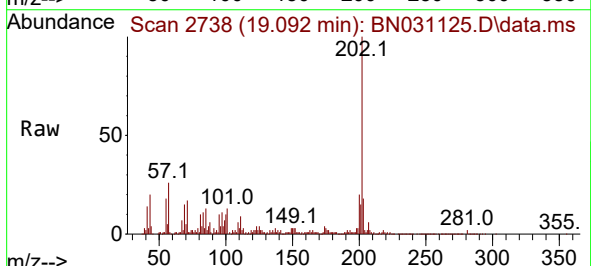
Tgt Ion:202 Resp: 163970

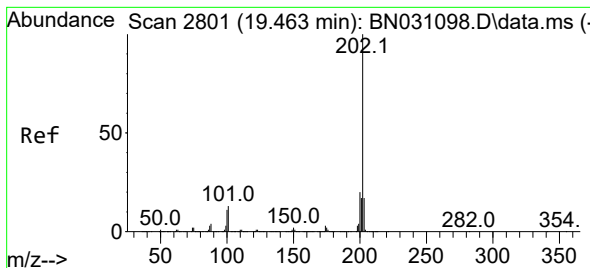
Ion Ratio Lower Upper

202 100

101 13.3 9.0 13.6

100 9.8 6.9 10.3





#82

Pyrene

Concen: 2.144 ng/ul

RT: 19.463 min Scan# 2801

Delta R.T. -0.000 min

Lab File: BN031125.D

Acq: 22 Apr 2024 16:56

Instrument :

BNA_N

ClientSampleId :

E1CY4RX

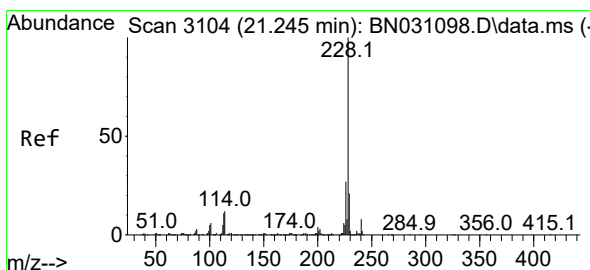
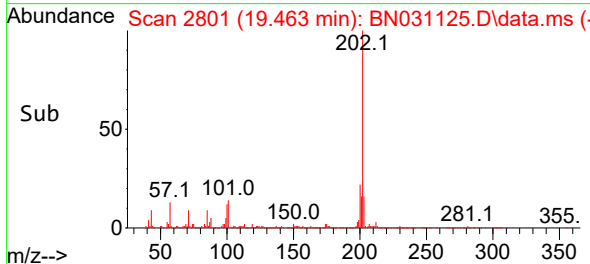
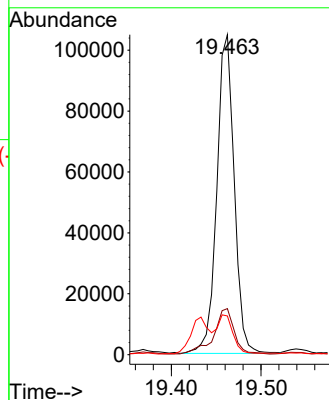
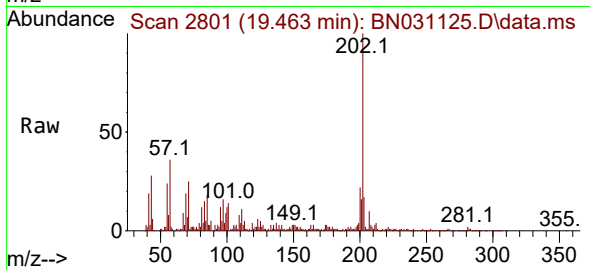
Tgt Ion:202 Resp: 141091

Ion Ratio Lower Upper

202 100

101 14.4 11.1 16.7

100 12.1 9.3 13.9



#85

Benzo(a)anthracene

Concen: 1.266 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BN031125.D

Acq: 22 Apr 2024 16:56

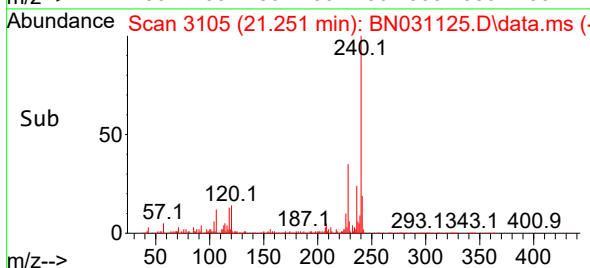
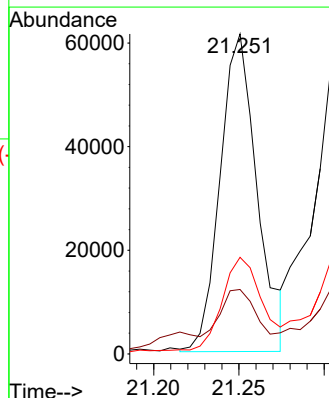
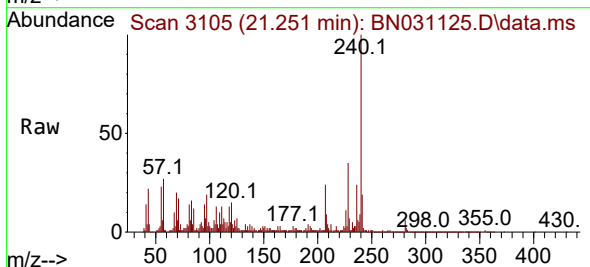
Tgt Ion:228 Resp: 92571

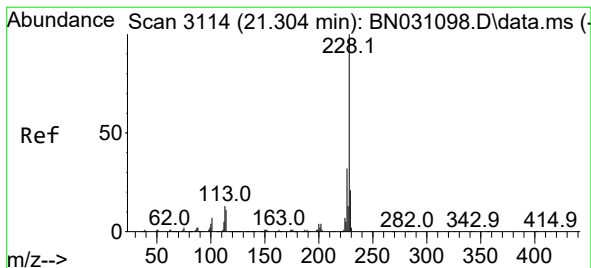
Ion Ratio Lower Upper

228 100

229 20.2 16.7 25.1

226 30.2 21.2 31.8





#87

Chrysene

Concen: 1.506 ng/ul

RT: 21.309 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BN031125.D

Acq: 22 Apr 2024 16:56

Instrument :

BNA_N

ClientSampleId :

E1CY4RX

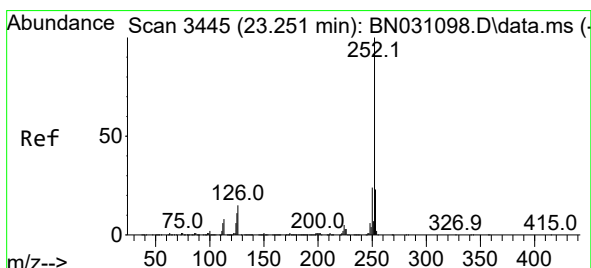
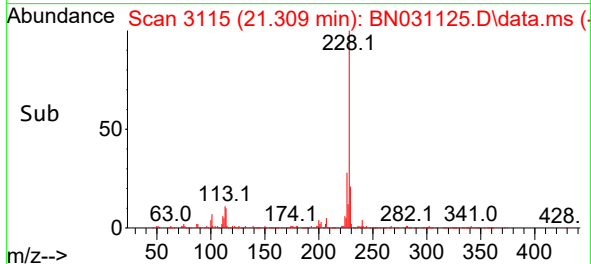
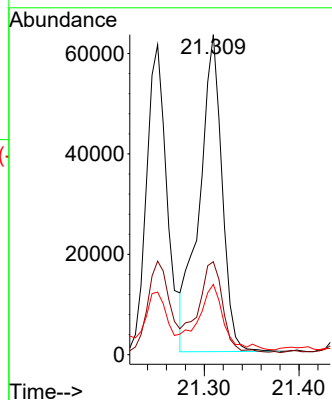
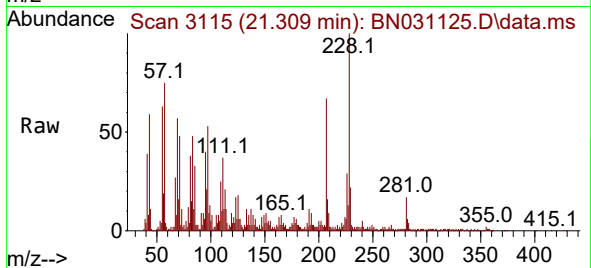
Tgt Ion:228 Resp: 104584

Ion Ratio Lower Upper

228 100

226 29.1 22.6 34.0

229 22.0 15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 2.207 ng/ul

RT: 23.251 min Scan# 3445

Delta R.T. -0.006 min

Lab File: BN031125.D

Acq: 22 Apr 2024 16:56

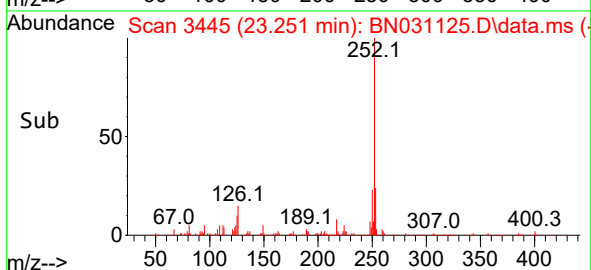
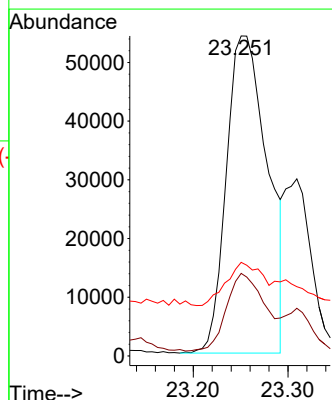
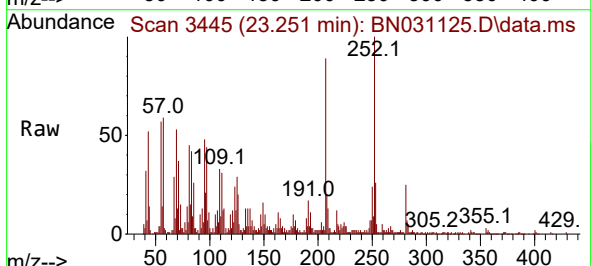
Tgt Ion:252 Resp: 163382

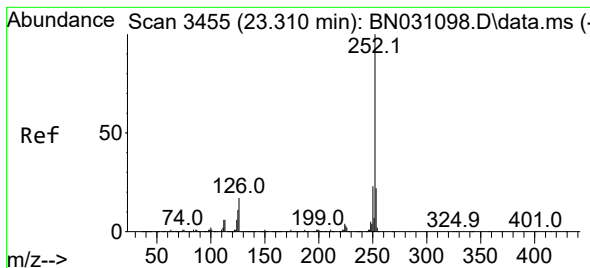
Ion Ratio Lower Upper

252 100

253 25.8 17.6 26.4

125 29.2 8.6 12.8#





#91

Benzo(k)fluoranthene

Concen: 2.194 ng/ul

RT: 23.251 min Scan# 3455

Delta R.T. -0.059 min

Lab File: BN031125.D

Acq: 22 Apr 2024 16:56

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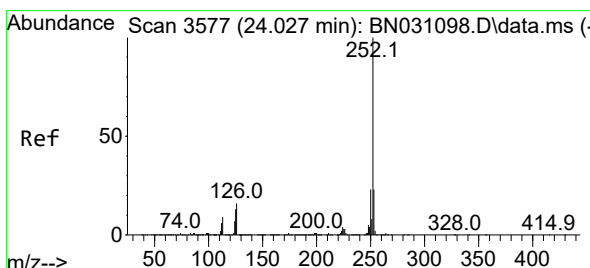
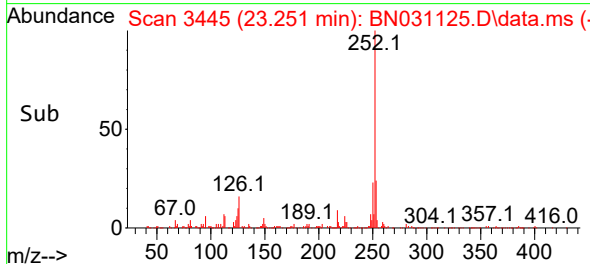
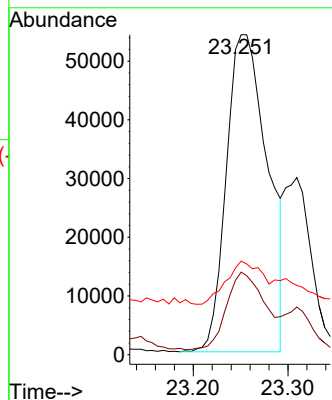
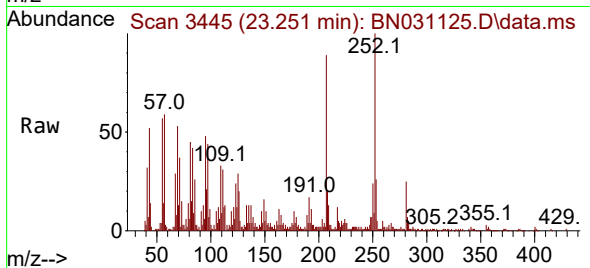
Tgt Ion:252 Resp: 163382

Ion Ratio Lower Upper

252 100

253 25.8 17.4 26.0

125 29.2 9.4 14.2#



#93

Benzo(a)pyrene

Concen: 1.590 ng/ul

RT: 24.027 min Scan# 3577

Delta R.T. -0.006 min

Lab File: BN031125.D

Acq: 22 Apr 2024 16:56

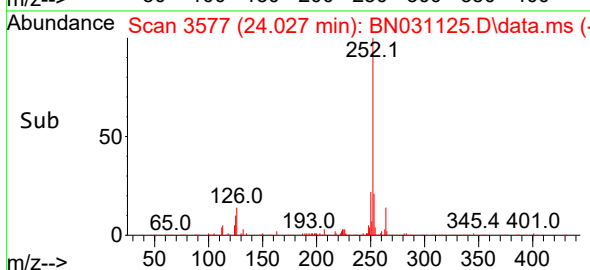
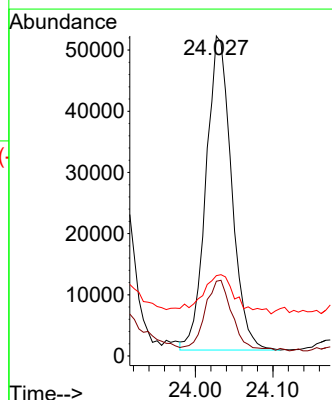
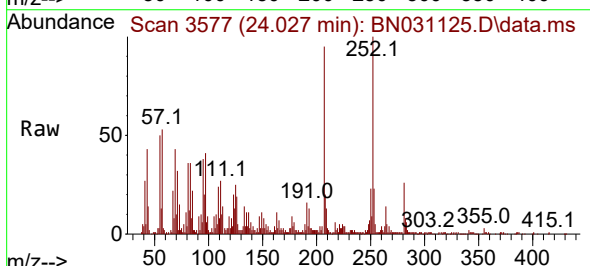
Tgt Ion:252 Resp: 117402

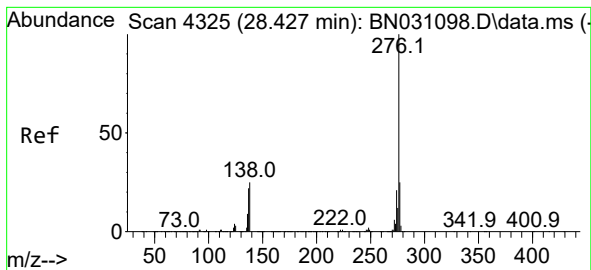
Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 25.1 9.9 14.9#





#96

Benzo(g,h,i)perylene

Concen: 1.249 ng/ul

RT: 28.427 min Scan# 41

Delta R.T. -0.012 min

Lab File: BN031125.D

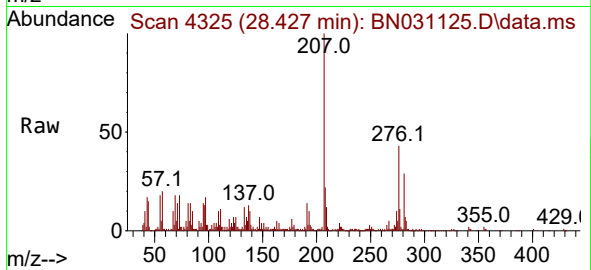
Acq: 22 Apr 2024 16:56

Instrument :

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ClientSampleId :

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Tgt Ion:276 Resp: 92156

Ion Ratio Lower Upper

276 100

138 23.8 19.0 28.6

277 25.7 19.3 28.9

