

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031964.D
 Acq On : 13 Jun 2024 06:27
 Operator : MA/JU
 Sample : P2648-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBT9

Quant Time: Jun 13 06:56:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

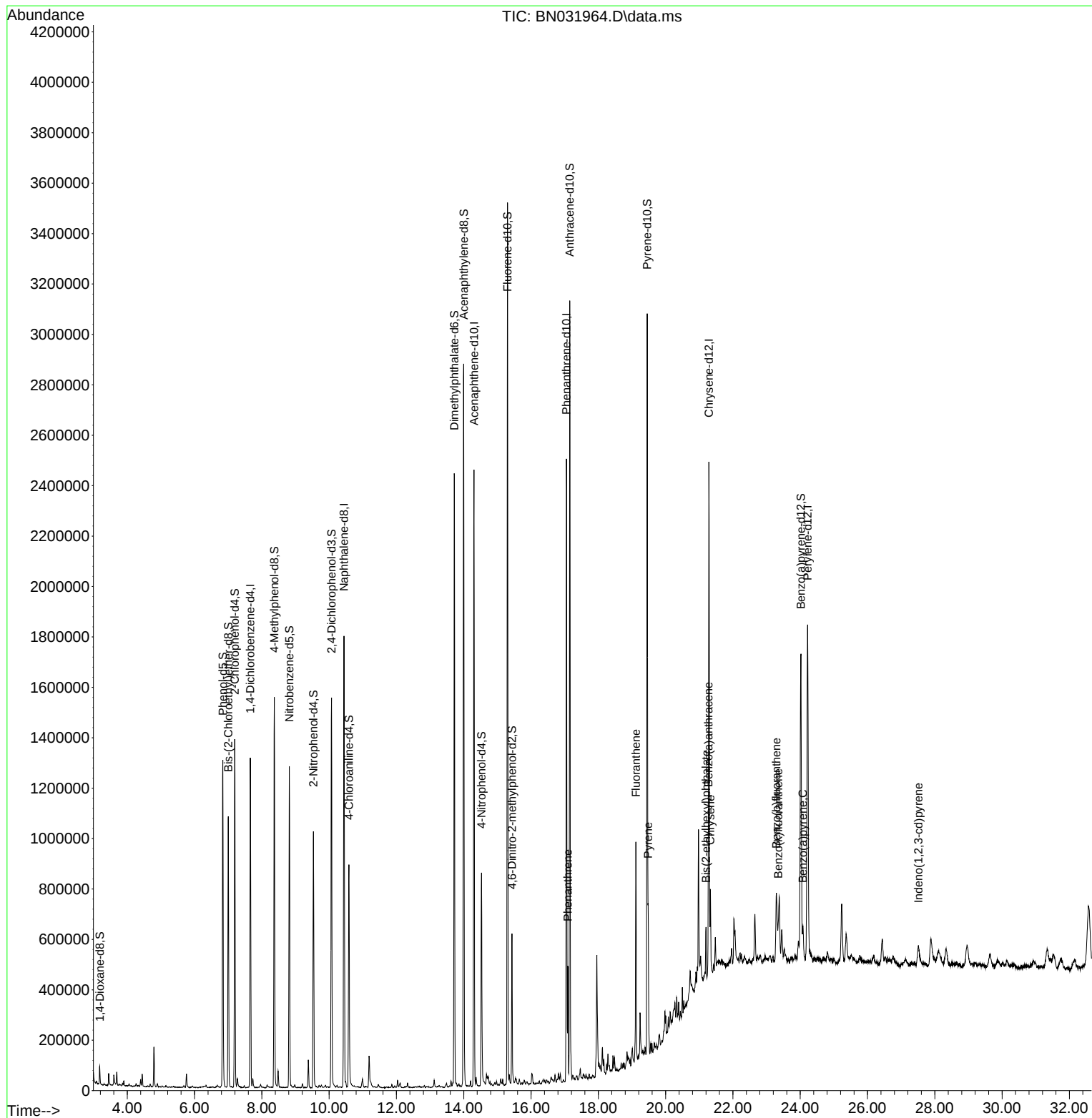
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	364960	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1516647	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	872540	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1469443	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	972518	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1128007	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	37482	4.249	ng/uL	0.00
4) Pyridine-d5	3.599	84	18893	0.761	ng/u1	0.02
7) Phenol-d5	6.840	99	793854	25.373	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	464436	25.378	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	668099	27.986	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	615773	24.144	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	334707	28.863	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	354551	29.598	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	601792	26.910	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	528520	15.918	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1719884	28.294	ng/u1	0.00
49) Acenaphthylene-d8	13.999	160	1987284	28.432	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	230780	18.962	ng/u1	0.00
60) Fluorene-d10	15.298	176	1361174	26.465	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	126067	17.068	ng/u1	0.00
73) Anthracene-d10	17.151	188	1715445	27.268	ng/u1	0.00
81) Pyrene-d10	19.451	212	1491050	28.651	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.022	264	1108845	20.587	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.092	178	265168	3.542	ng/u1	99
80) Fluoranthene	19.116	202	452487	7.275	ng/u1	99
82) Pyrene	19.481	202	346529	5.430	ng/u1	98
85) Benzo(a)anthracene	21.269	228	190358	2.924	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.198	149	84564	1.925	ng/u1	95
87) Chrysene	21.328	228	209252	3.441	ng/u1	98
90) Benzo(b)fluoranthene	23.292	252	282172	4.185	ng/u1#	94
91) Benzo(k)fluoranthene	23.345	252	96011	1.451	ng/u1	97
93) Benzo(a)pyrene	24.074	252	117107	1.854	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	27.515	276	109501	1.505	ng/u1	97

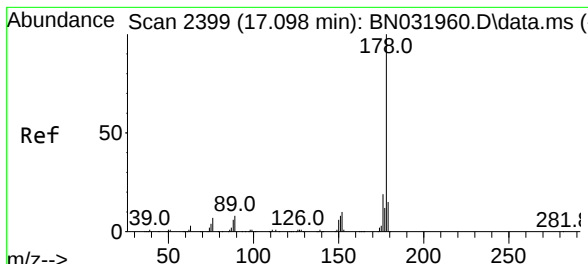
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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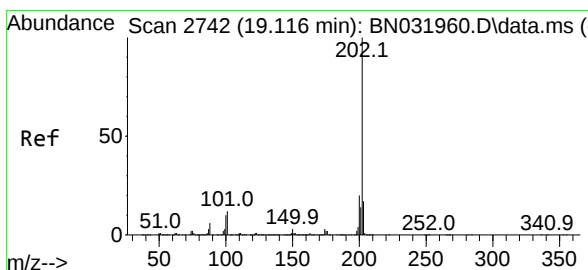
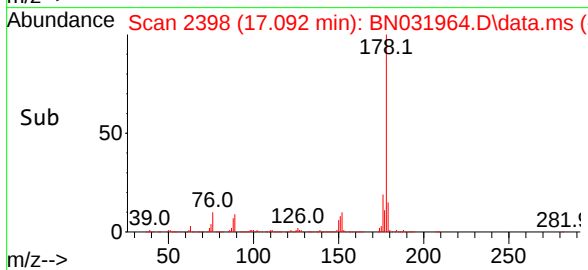
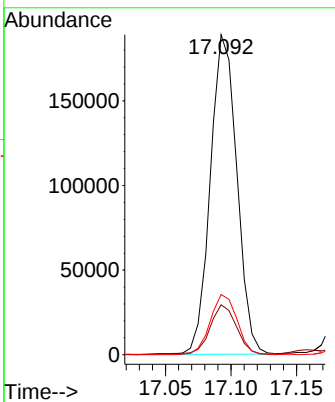
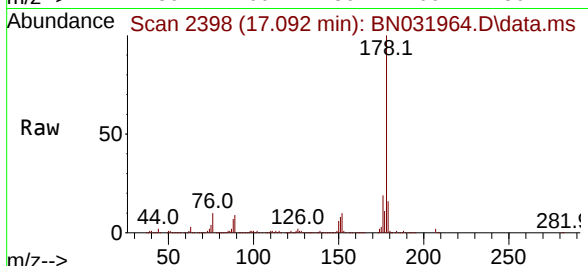


#72
 Phenanthrene
 Concen: 3.542 ng/ul
 RT: 17.092 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN031964.D
 Acq: 13 Jun 2024 06:27

Instrument :
 BNA_N
 ClientSampleId :
 BHBT9

Tgt Ion:178 Resp: 265168

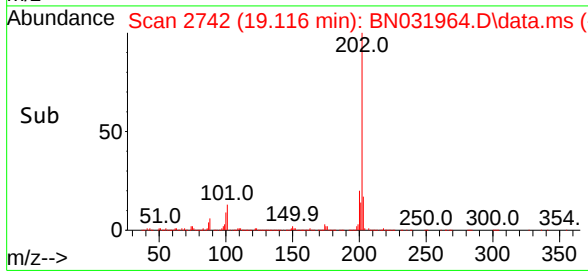
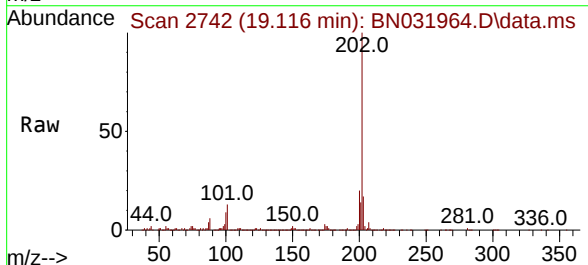
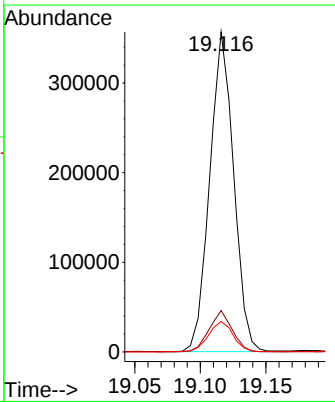
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	18.8	15.8	23.6

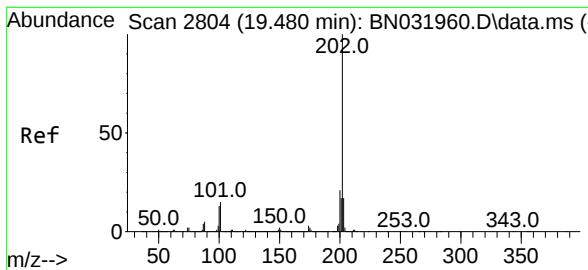


#80
 Fluoranthene
 Concen: 7.275 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.000 min
 Lab File: BN031964.D
 Acq: 13 Jun 2024 06:27

Tgt Ion:202 Resp: 452487

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.3	15.5
100	9.5	8.0	12.0





#82

Pyrene

Concen: 5.430 ng/ul

RT: 19.481 min Scan# 2108

Delta R.T. -0.006 min

Lab File: BN031964.D

Acq: 13 Jun 2024 06:27

Instrument :

BNA_N

ClientSampleId :

BHBT9

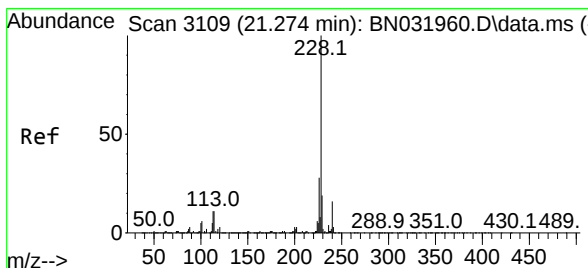
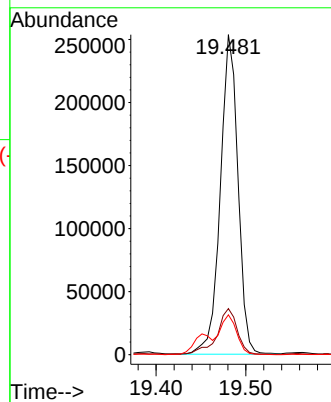
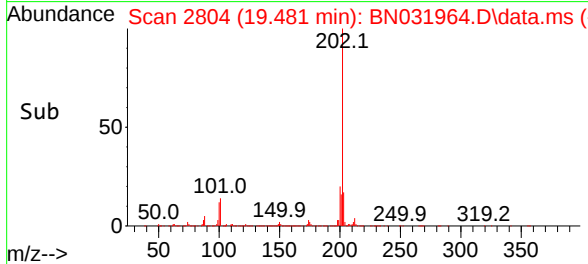
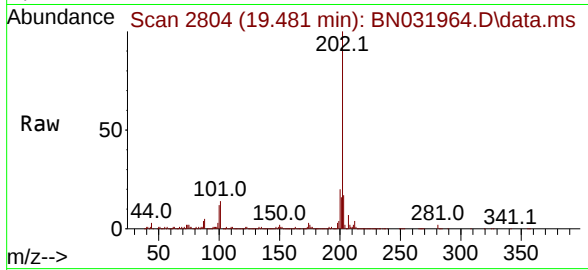
Tgt Ion:202 Resp: 346529

Ion Ratio Lower Upper

202 100

101 14.4 12.6 18.8

100 12.5 10.2 15.2



#85

Benzo(a)anthracene

Concen: 2.924 ng/ul

RT: 21.269 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BN031964.D

Acq: 13 Jun 2024 06:27

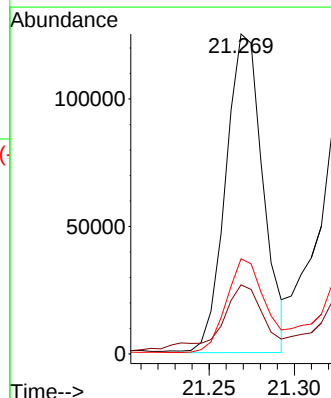
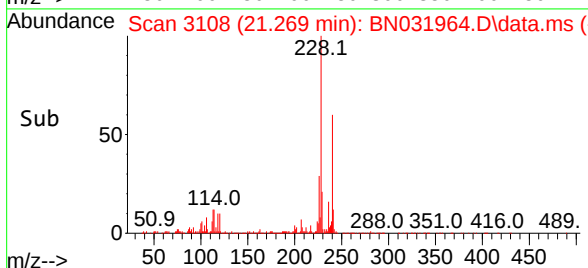
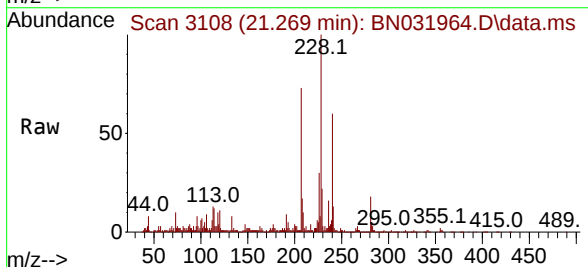
Tgt Ion:228 Resp: 190358

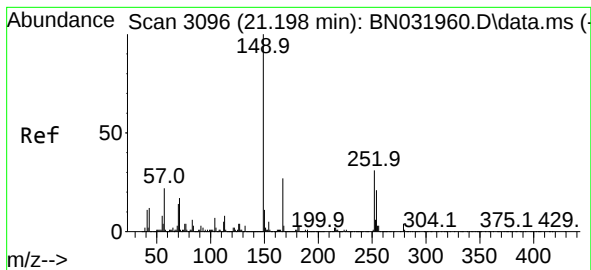
Ion Ratio Lower Upper

228 100

229 21.6 16.7 25.1

226 29.7 22.8 34.2

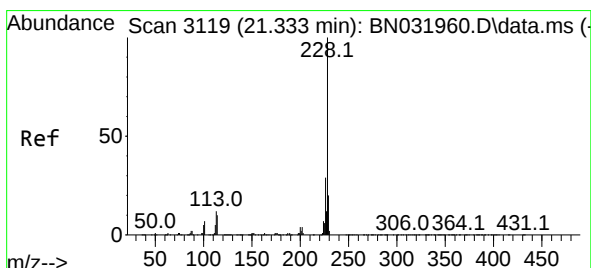
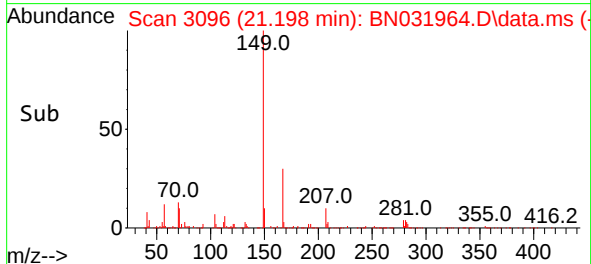
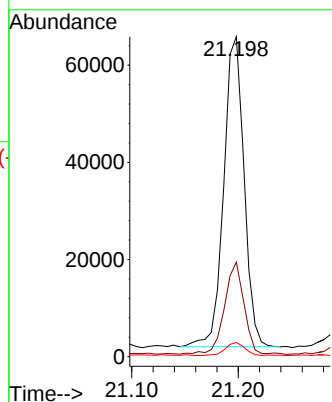
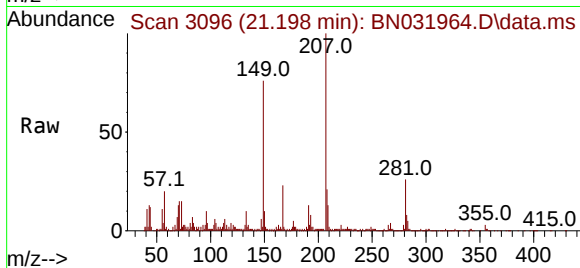




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.925 ng/ul
 RT: 21.198 min Scan# 3096
 Delta R.T. -0.006 min
 Lab File: BN031964.D
 Acq: 13 Jun 2024 06:27

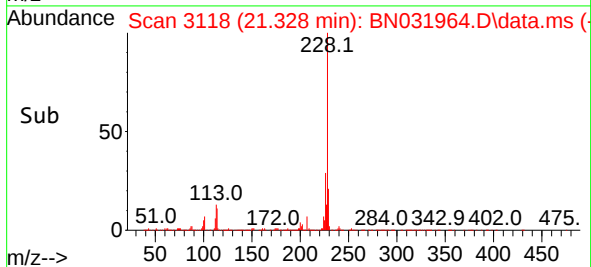
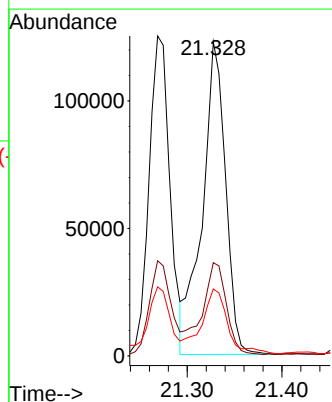
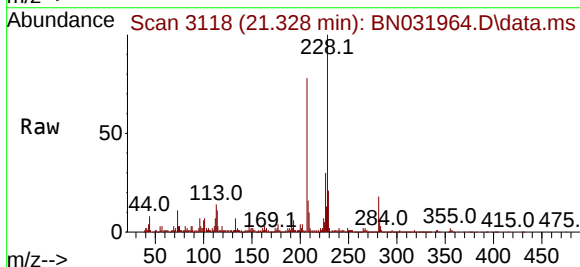
Instrument :
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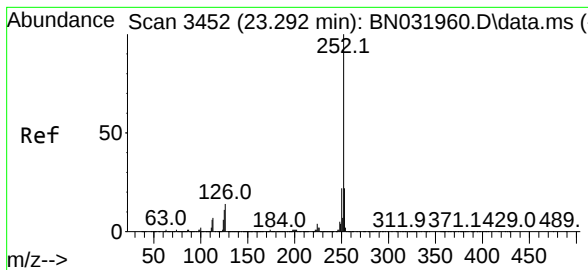
Tgt Ion:149 Resp: 84564
 Ion Ratio Lower Upper
 149 100
 167 29.5 21.4 32.0
 279 4.5 3.3 4.9



#87
 Chrysene
 Concen: 3.441 ng/ul
 RT: 21.328 min Scan# 3118
 Delta R.T. -0.006 min
 Lab File: BN031964.D
 Acq: 13 Jun 2024 06:27

Tgt Ion:228 Resp: 209252
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.7 35.5
 229 21.3 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 4.185 ng/ul

RT: 23.292 min Scan# 3452

Delta R.T. 0.000 min

Lab File: BN031964.D

Acq: 13 Jun 2024 06:27

Instrument :

BNA_N

ClientSampleId :

BHBT9

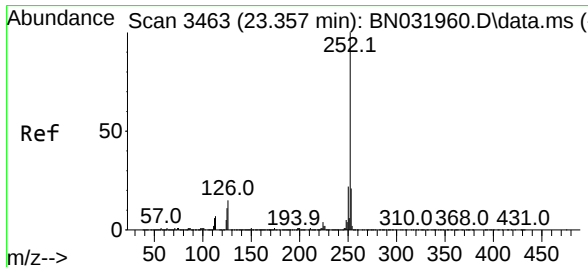
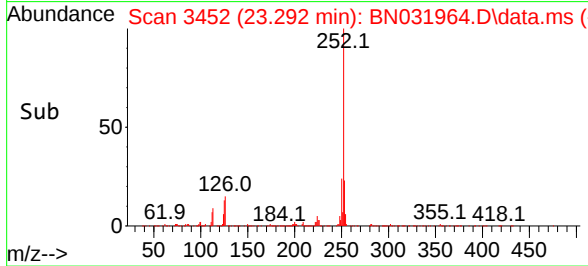
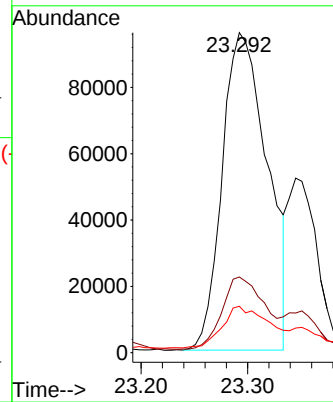
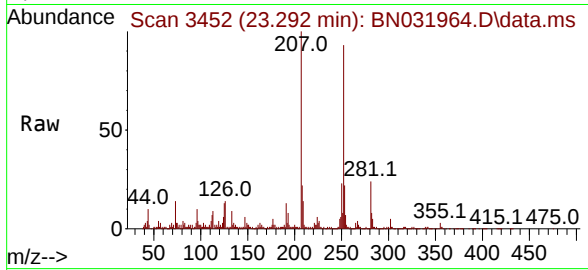
Tgt Ion:252 Resp: 282172

Ion Ratio Lower Upper

252 100

253 23.7 17.0 25.6

125 14.5 9.2 13.8#



#91

Benzo(k)fluoranthene

Concen: 1.451 ng/ul

RT: 23.345 min Scan# 3461

Delta R.T. -0.006 min

Lab File: BN031964.D

Acq: 13 Jun 2024 06:27

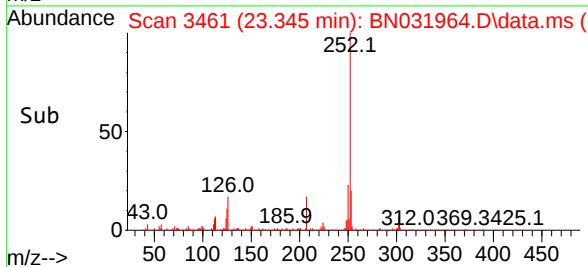
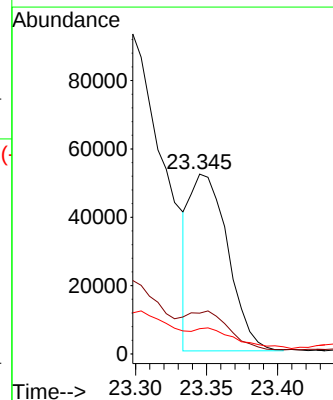
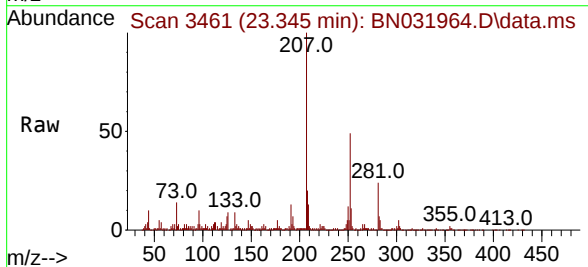
Tgt Ion:252 Resp: 96011

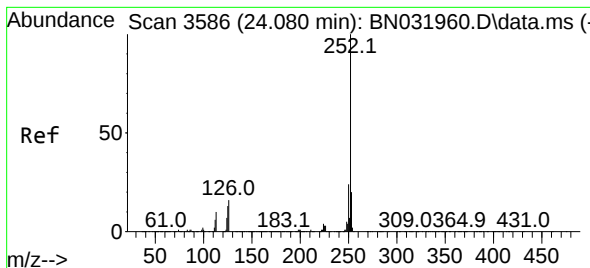
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 14.1 9.4 14.2





#93

Benzo(a)pyrene

Concen: 1.854 ng/ul

RT: 24.074 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN031964.D

Acq: 13 Jun 2024 06:27

Instrument :

BNA_N

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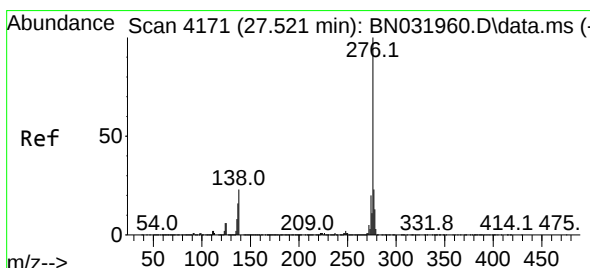
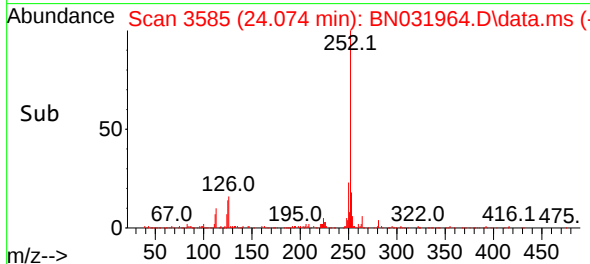
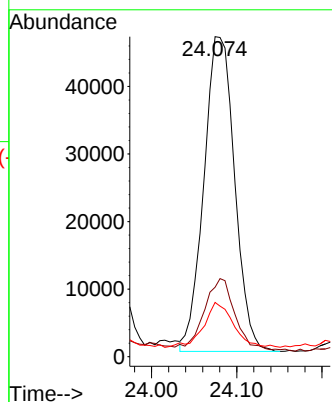
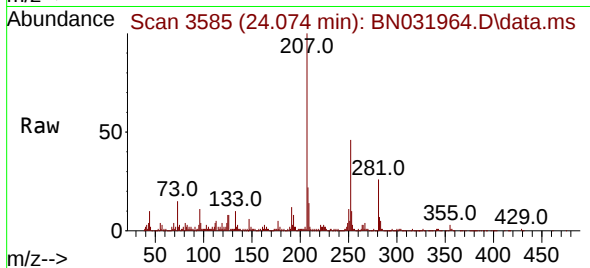
Tgt Ion:252 Resp: 117107

Ion Ratio Lower Upper

252 100

253 21.7 16.6 24.8

125 17.0 9.8 14.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.505 ng/ul

RT: 27.515 min Scan# 4170

Delta R.T. 0.000 min

Lab File: BN031964.D

Acq: 13 Jun 2024 06:27

Tgt Ion:276 Resp: 109501

Ion Ratio Lower Upper

276 100

138 25.1 18.1 27.1

277 23.3 18.2 27.2

