

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031984.D
 Acq On : 13 Jun 2024 19:34
 Operator : MA/JU
 Sample : P2663-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6B7

Quant Time: Jun 13 23:01:09 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)

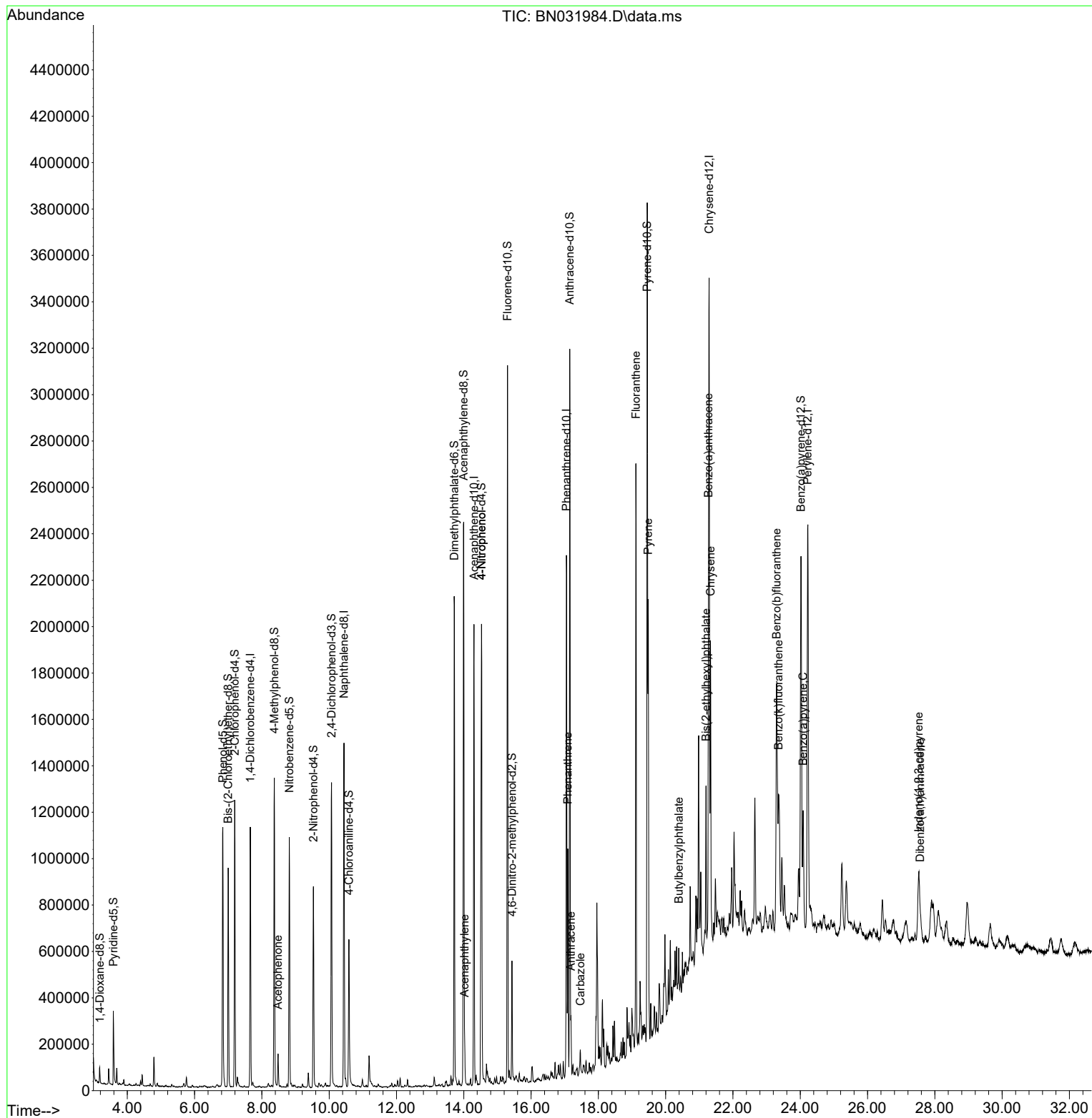
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	309178	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1239285	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	706783	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1356818	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1198537	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1427506	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	34057	4.557	ng/uL	0.00
4) Pyridine-d5	3.587	84	167248	7.950	ng/u1	0.00
7) Phenol-d5	6.840	99	706936	26.672	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	406157	26.198	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	594577	29.400	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	533232	24.680	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	283028	29.869	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	304026	31.061	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	511320	27.982	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	401967	14.816	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1450768	29.464	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	1695971	29.955	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	229389	23.268	ng/u1	0.00
60) Fluorene-d10	15.298	176	1209446	29.030	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	110880	16.258	ng/u1	0.00
73) Anthracene-d10	17.151	188	1783474	30.703	ng/u1	0.00
81) Pyrene-d10	19.451	212	1852127	28.878	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1497869	21.975	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.481	105	78342	2.393	ng/u1	97
50) Acenaphthylene	14.028	152	124206	1.941	ng/u1	99
55) 4-Nitrophenol	14.528	109	10285	1.406	ng/u1#	37
72) Phenanthrene	17.092	178	585426	8.470	ng/u1	99
74) Anthracene	17.186	178	152618	2.179	ng/u1	98
77) Carbazole	17.463	167	63583	1.065	ng/u1	99
80) Fluoranthene	19.116	202	1389162	18.124	ng/u1	98
82) Pyrene	19.480	202	1124823	14.303	ng/u1	99
83) Butylbenzylphthalate	20.392	149	58969	1.588	ng/u1	94
85) Benzo(a)anthracene	21.274	228	742625	9.257	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.198	149	280457	5.180	ng/u1	98
87) Chrysene	21.333	228	808283	10.787	ng/u1	97
90) Benzo(b)fluoranthene	23.298	252	1108331	12.989	ng/u1	97
91) Benzo(k)fluoranthene	23.357	252	375836	4.489	ng/u1	98
93) Benzo(a)pyrene	24.086	252	464234	5.809	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.515	276	225772	2.452	ng/u1	94
95) Dibenzo(a,h)anthracene	27.562	278	153863	2.047	ng/u1#	86

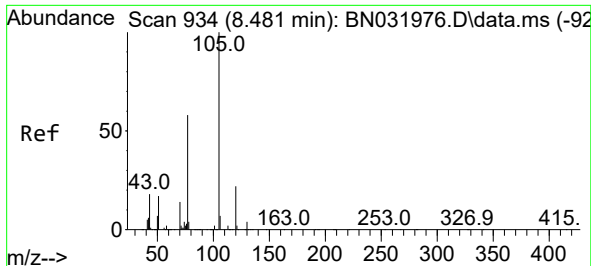
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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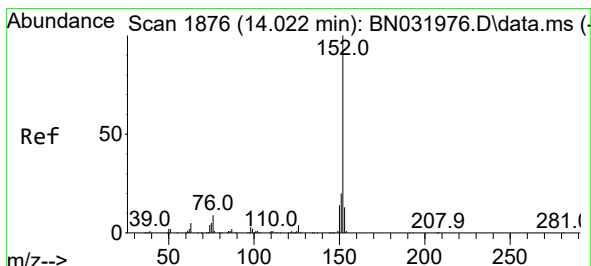
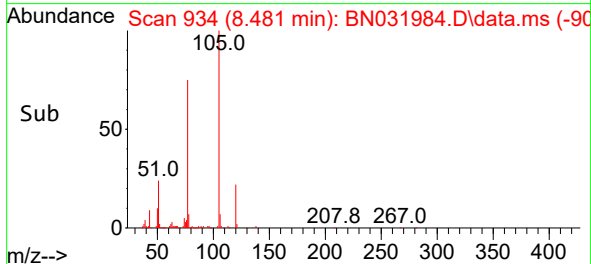
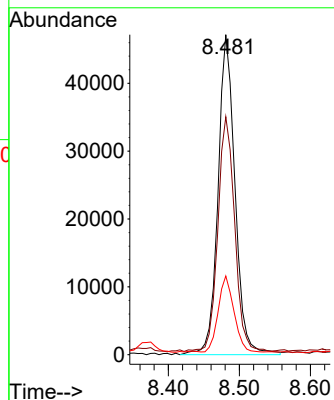
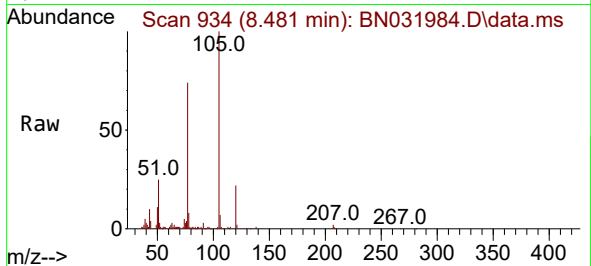




#16
Acetophenone
Concen: 2.393 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031984.D
Acq: 13 Jun 2024 19:34

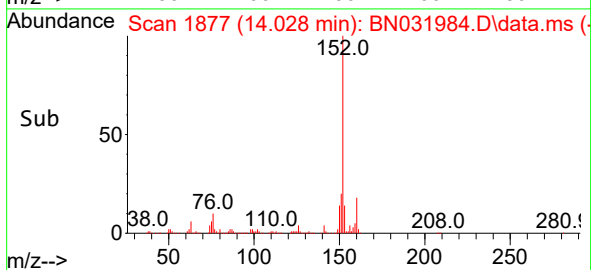
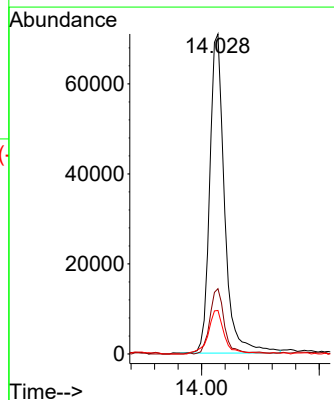
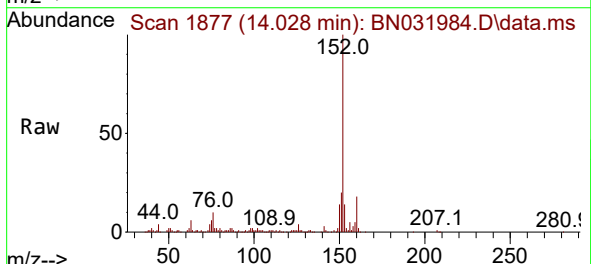
Instrument :
BNA_N
ClientSampleId :
BH6B7

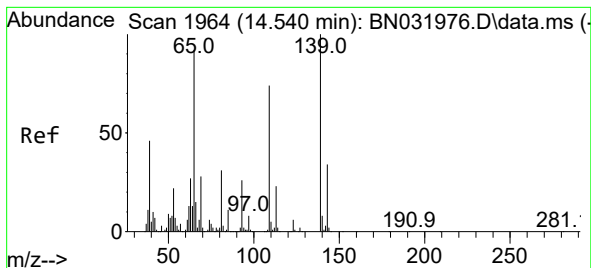
Tgt Ion:105 Resp: 78342
Ion Ratio Lower Upper
105 100
77 74.3 58.6 87.8
51 24.6 17.2 25.8



#50
Acenaphthylene
Concen: 1.941 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BN031984.D
Acq: 13 Jun 2024 19:34

Tgt Ion:152 Resp: 124206
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.6 10.4 15.6

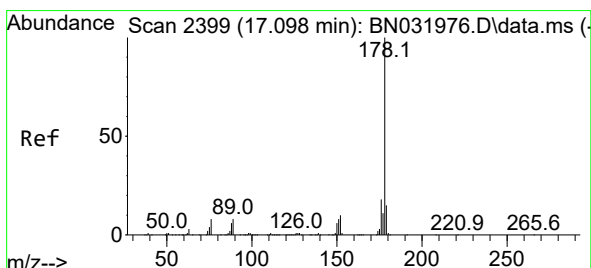
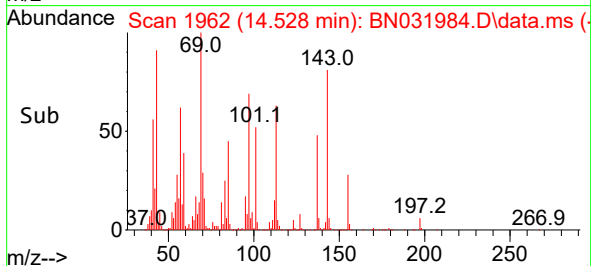
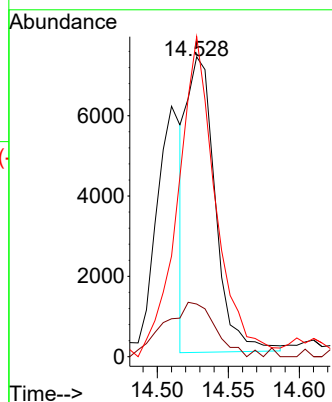
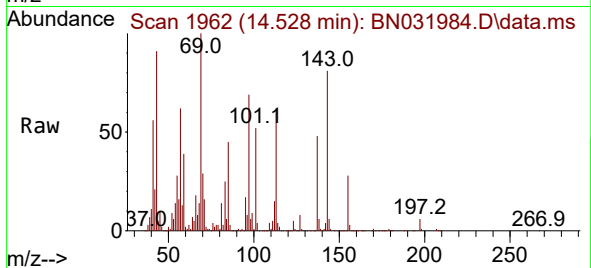




#55
4-Nitrophenol
Concen: 1.406 ng/ul
RT: 14.528 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BN031984.D
Acq: 13 Jun 2024 19:34

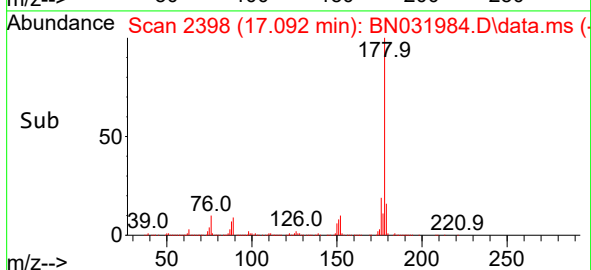
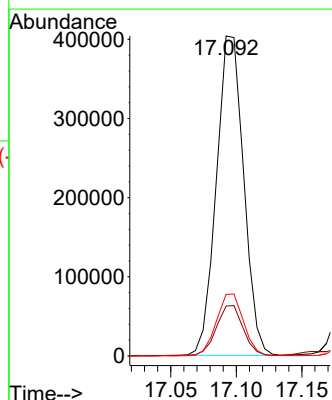
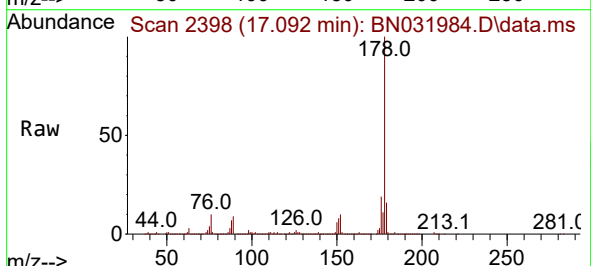
Instrument :
BNA_N
ClientSampleId :
BH6B7

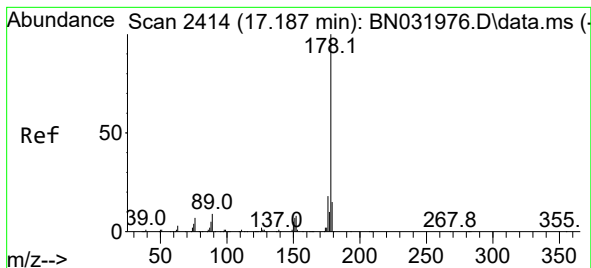
Tgt Ion:109 Resp: 10285
Ion Ratio Lower Upper
109 100
139 17.6 113.4 170.2#
65 106.7 106.2 159.2



#72
Phenanthrene
Concen: 8.470 ng/ul
RT: 17.092 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BN031984.D
Acq: 13 Jun 2024 19:34

Tgt Ion:178 Resp: 585426
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.2 15.8 23.6





#74

Anthracene

Concen: 2.179 ng/ul

RT: 17.186 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

Instrument :

BNA_N

ClientSampleId :

BH6B7

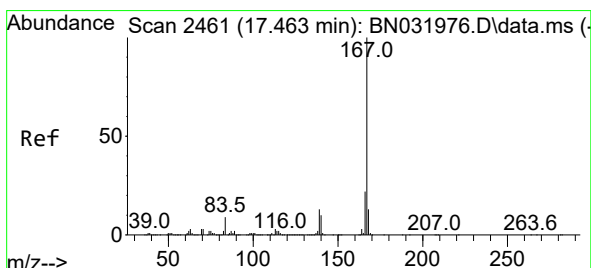
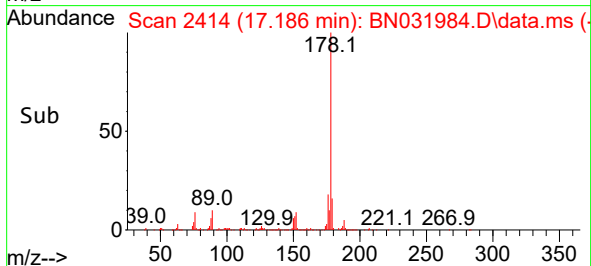
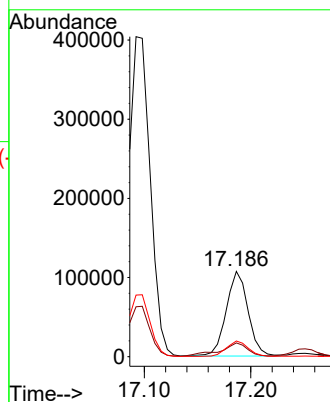
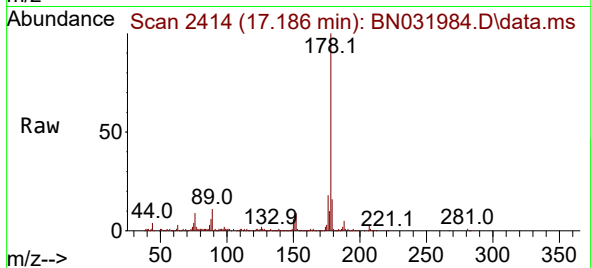
Tgt Ion:178 Resp: 152618

Ion Ratio Lower Upper

178 100

179 16.1 11.8 17.6

176 18.4 14.8 22.2



#77

Carbazole

Concen: 1.065 ng/ul

RT: 17.463 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

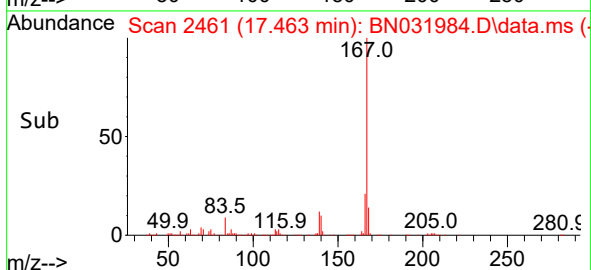
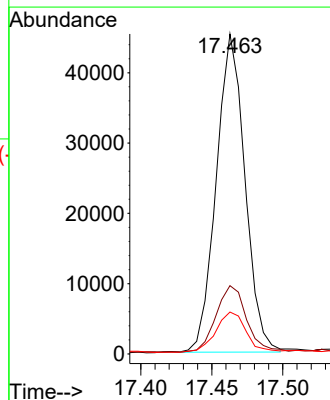
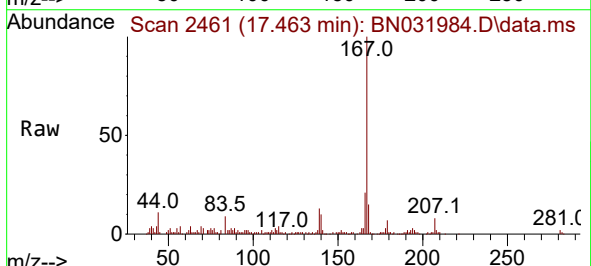
Tgt Ion:167 Resp: 63583

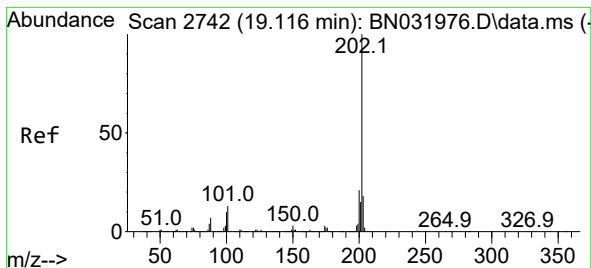
Ion Ratio Lower Upper

167 100

166 21.3 17.9 26.9

139 13.1 10.5 15.7





#80

Fluoranthene

Concen: 18.124 ng/ul

RT: 19.116 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

Instrument :

BNA_N

ClientSampleId :

BH6B7

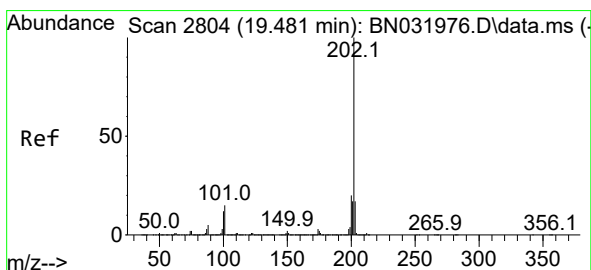
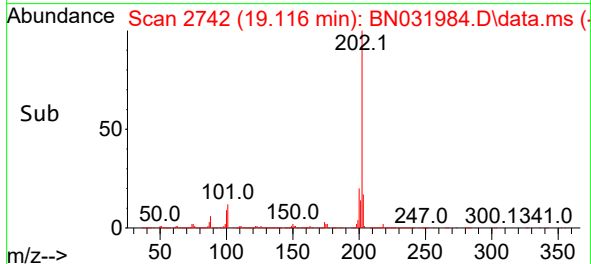
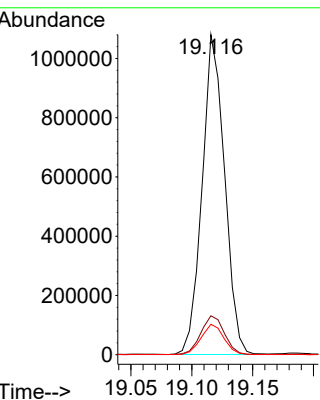
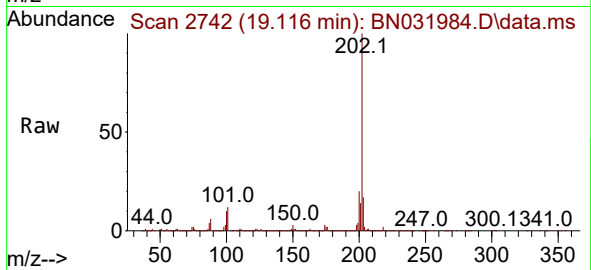
Tgt Ion:202 Resp: 1389162

Ion Ratio Lower Upper

202 100

101 12.2 10.3 15.5

100 9.5 8.0 12.0



#82

Pyrene

Concen: 14.303 ng/ul

RT: 19.480 min Scan# 2804

Delta R.T. -0.006 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

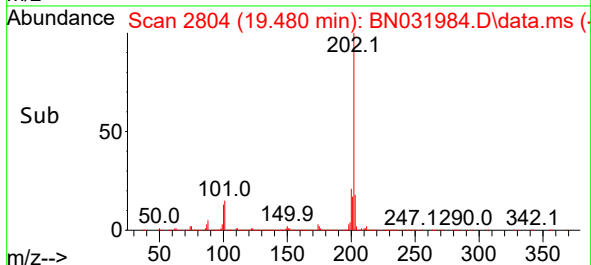
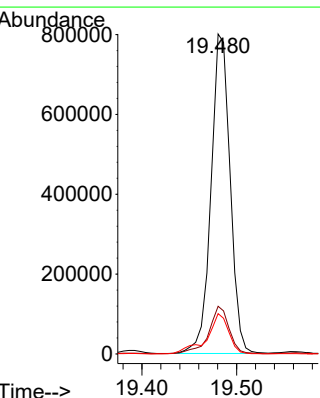
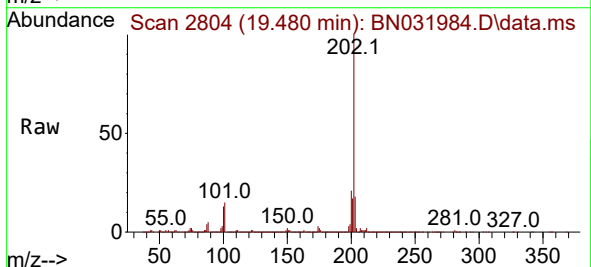
Tgt Ion:202 Resp: 1124823

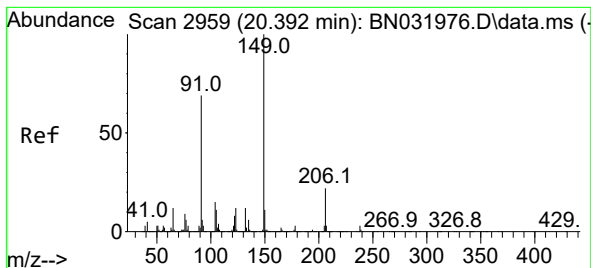
Ion Ratio Lower Upper

202 100

101 14.9 12.6 18.8

100 12.6 10.2 15.2





#83

Butylbenzylphthalate

Concen: 1.588 ng/ul

RT: 20.392 min Scan# 2959

Delta R.T. 0.000 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

Instrument :

BNA_N

ClientSampleId :

BH6B7

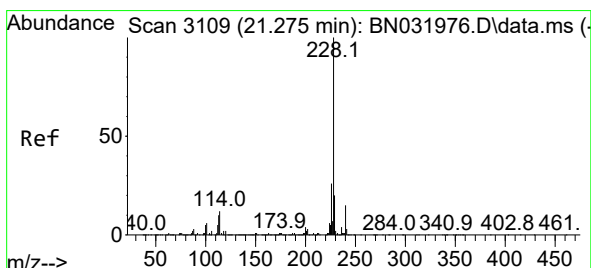
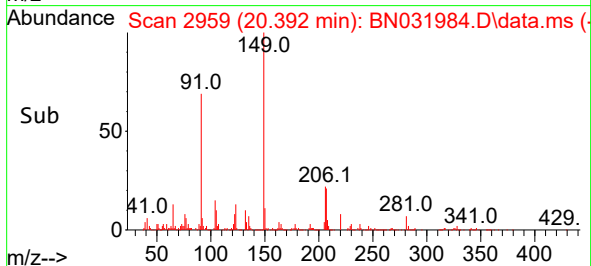
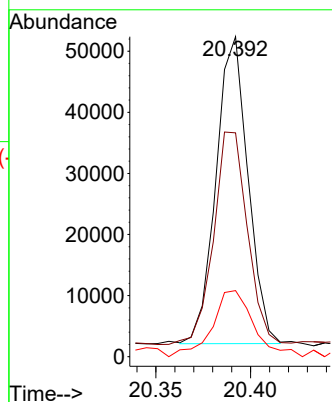
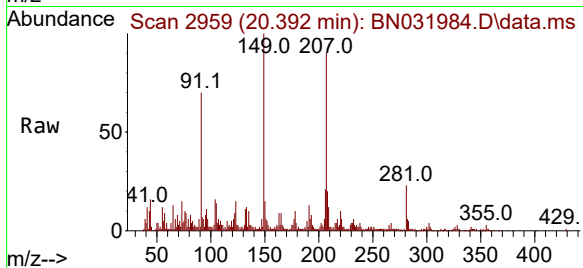
Tgt Ion:149 Resp: 58969

Ion Ratio Lower Upper

149 100

91 69.9 61.0 91.4

206 20.6 16.5 24.7



#85

Benzo(a)anthracene

Concen: 9.257 ng/ul

RT: 21.274 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

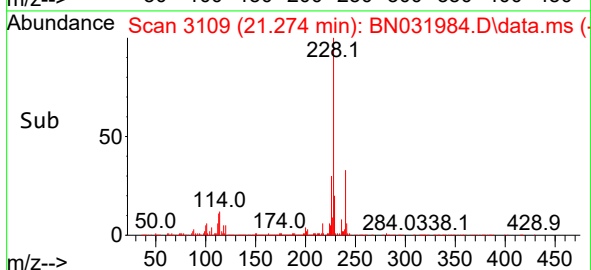
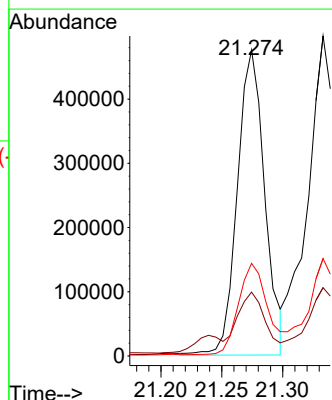
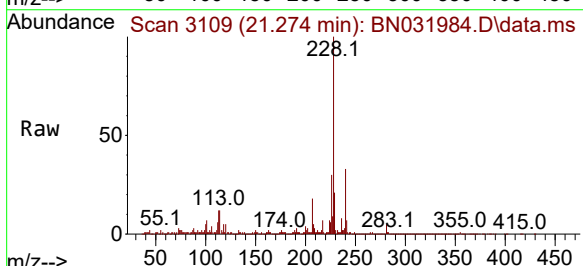
Tgt Ion:228 Resp: 742625

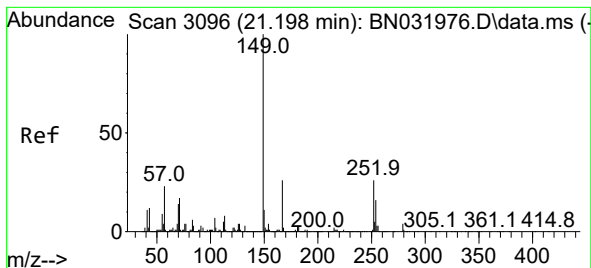
Ion Ratio Lower Upper

228 100

229 20.8 16.7 25.1

226 30.3 22.8 34.2

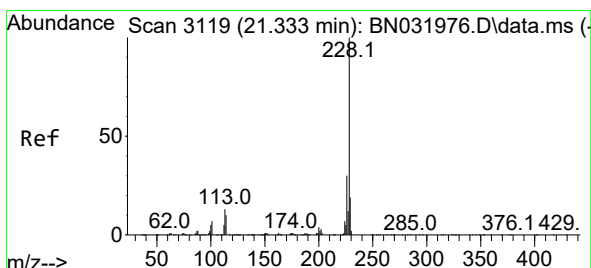
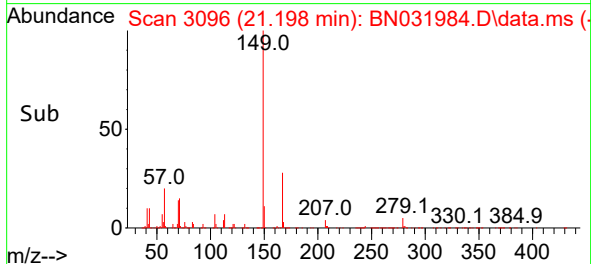
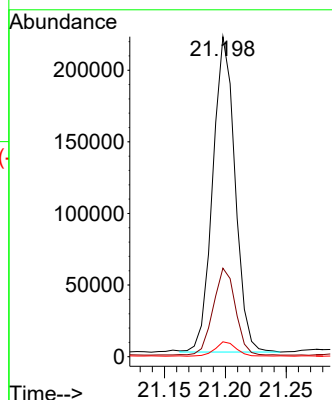
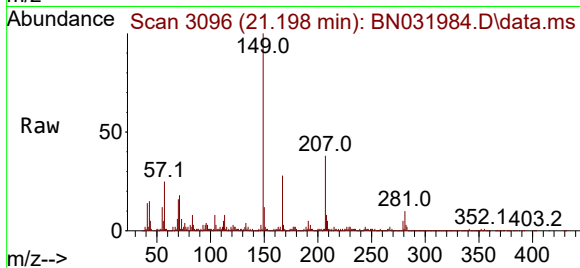




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 5.180 ng/ul
 RT: 21.198 min Scan# 3096
 Delta R.T. -0.006 min
 Lab File: BN031984.D
 Acq: 13 Jun 2024 19:34

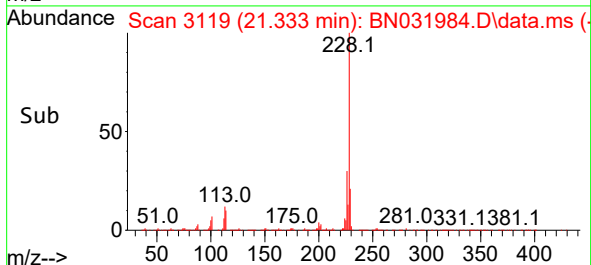
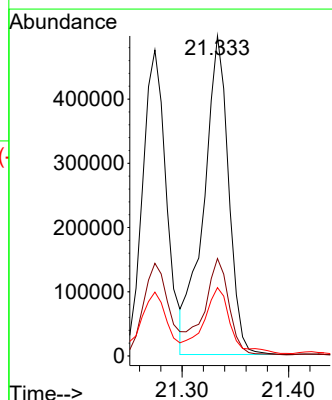
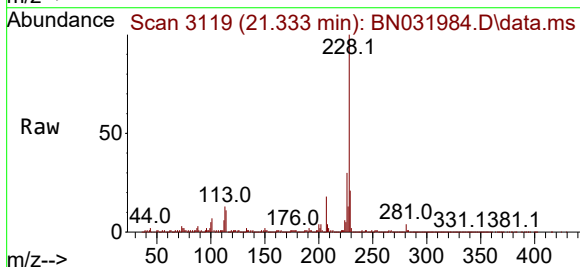
Instrument :
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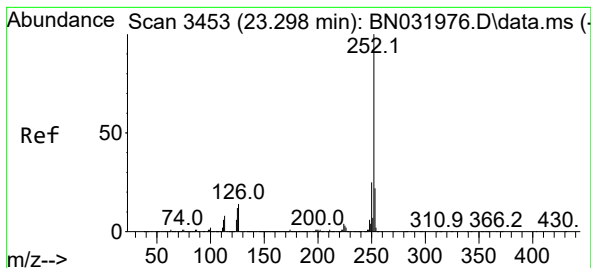
Tgt Ion:149 Resp: 280457
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.4 32.0
 279 4.6 3.3 4.9



#87
 Chrysene
 Concen: 10.787 ng/ul
 RT: 21.333 min Scan# 3119
 Delta R.T. 0.000 min
 Lab File: BN031984.D
 Acq: 13 Jun 2024 19:34

Tgt Ion:228 Resp: 808283
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.7 35.5
 229 21.3 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 12.989 ng/ul

RT: 23.298 min Scan# 3453

Delta R.T. 0.006 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

Instrument :

BNA_N

ClientSampleId :

BH6B7

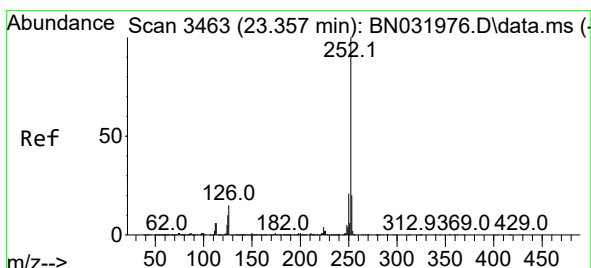
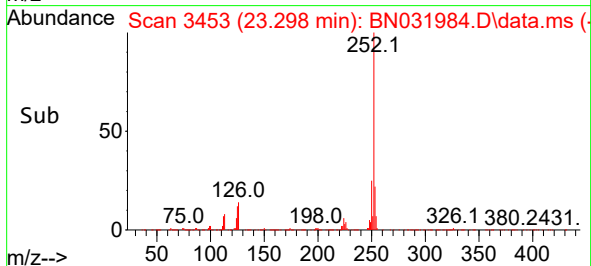
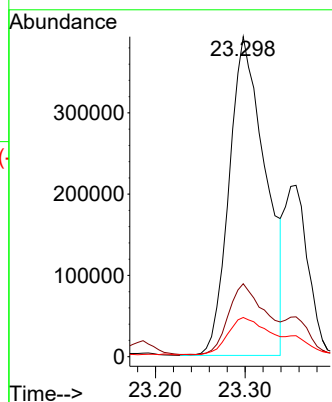
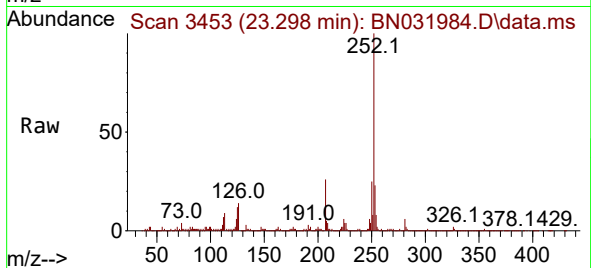
Tgt Ion:252 Resp: 1108331

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

125 12.2 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 4.489 ng/ul

RT: 23.357 min Scan# 3463

Delta R.T. 0.006 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

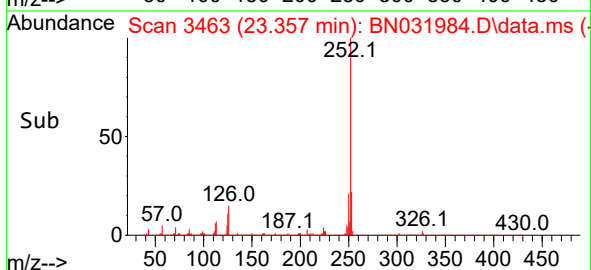
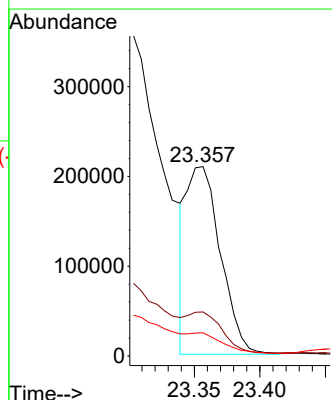
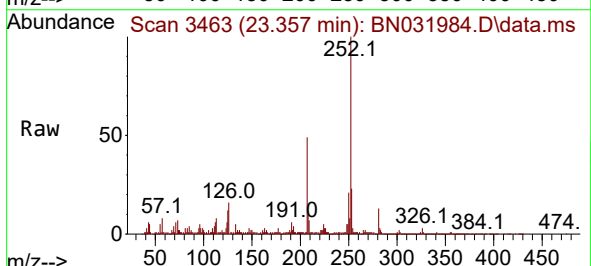
Tgt Ion:252 Resp: 375836

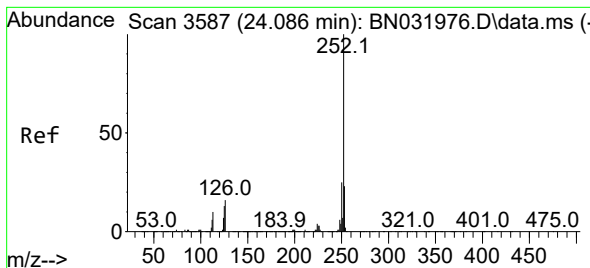
Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 12.3 9.4 14.2





#93

Benzo(a)pyrene

Concen: 5.809 ng/ul

RT: 24.086 min Scan# 3

Delta R.T. 0.006 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

Instrument :

BNA_N

ClientSampleId :

BH6B7

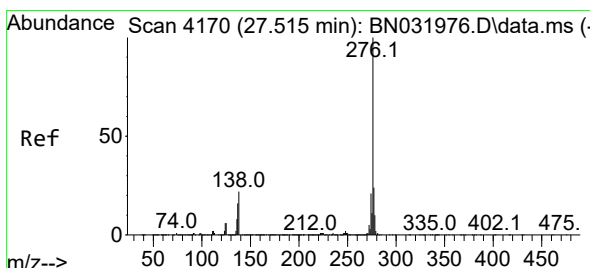
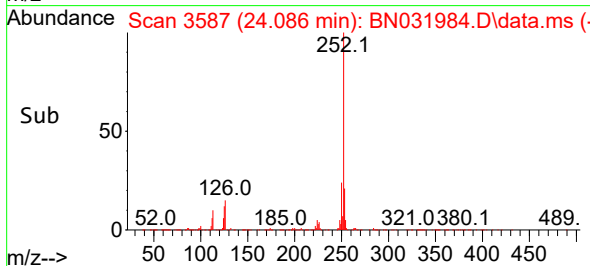
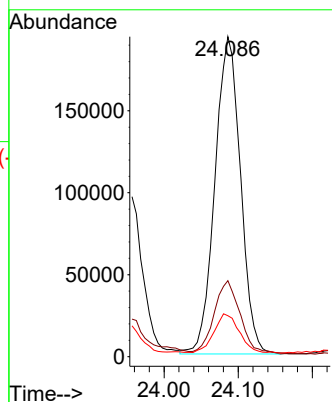
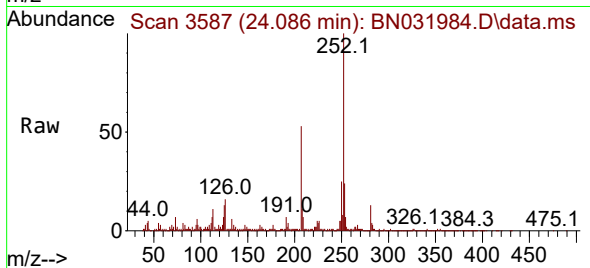
Tgt Ion:252 Resp: 464234

Ion Ratio Lower Upper

252 100

253 23.7 16.6 24.8

125 12.8 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.452 ng/ul

RT: 27.515 min Scan# 4170

Delta R.T. 0.000 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

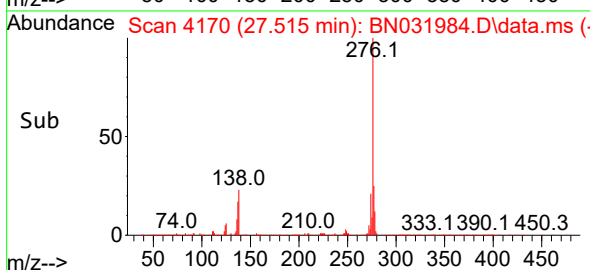
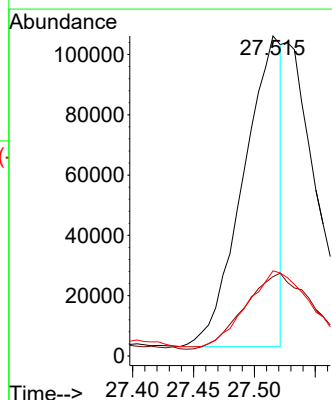
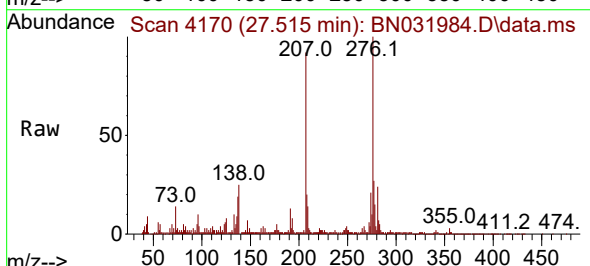
Tgt Ion:276 Resp: 225772

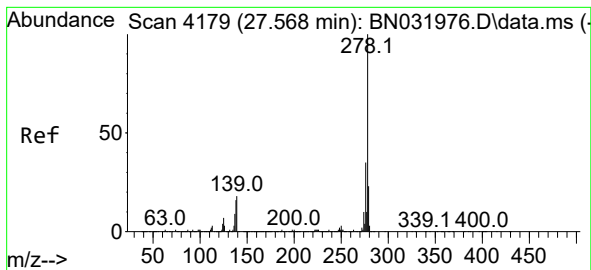
Ion Ratio Lower Upper

276 100

138 24.8 18.1 27.1

277 26.6 18.2 27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 2.047 ng/ul
 RT: 27.562 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BN031984.D
 Acq: 13 Jun 2024 19:34

Instrument :
 BNA_N
 ClientSampleId :
 BH6B7

Tgt Ion:278 Resp: 153863
 Ion Ratio Lower Upper
 278 100
 139 22.3 15.0 22.6
 279 31.3 17.4 26.0#

