

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031859.D
 Acq On : 08 Jun 2024 15:12
 Operator : MA/JU
 Sample : P2647-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBT3

Quant Time: Jun 10 01:43:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

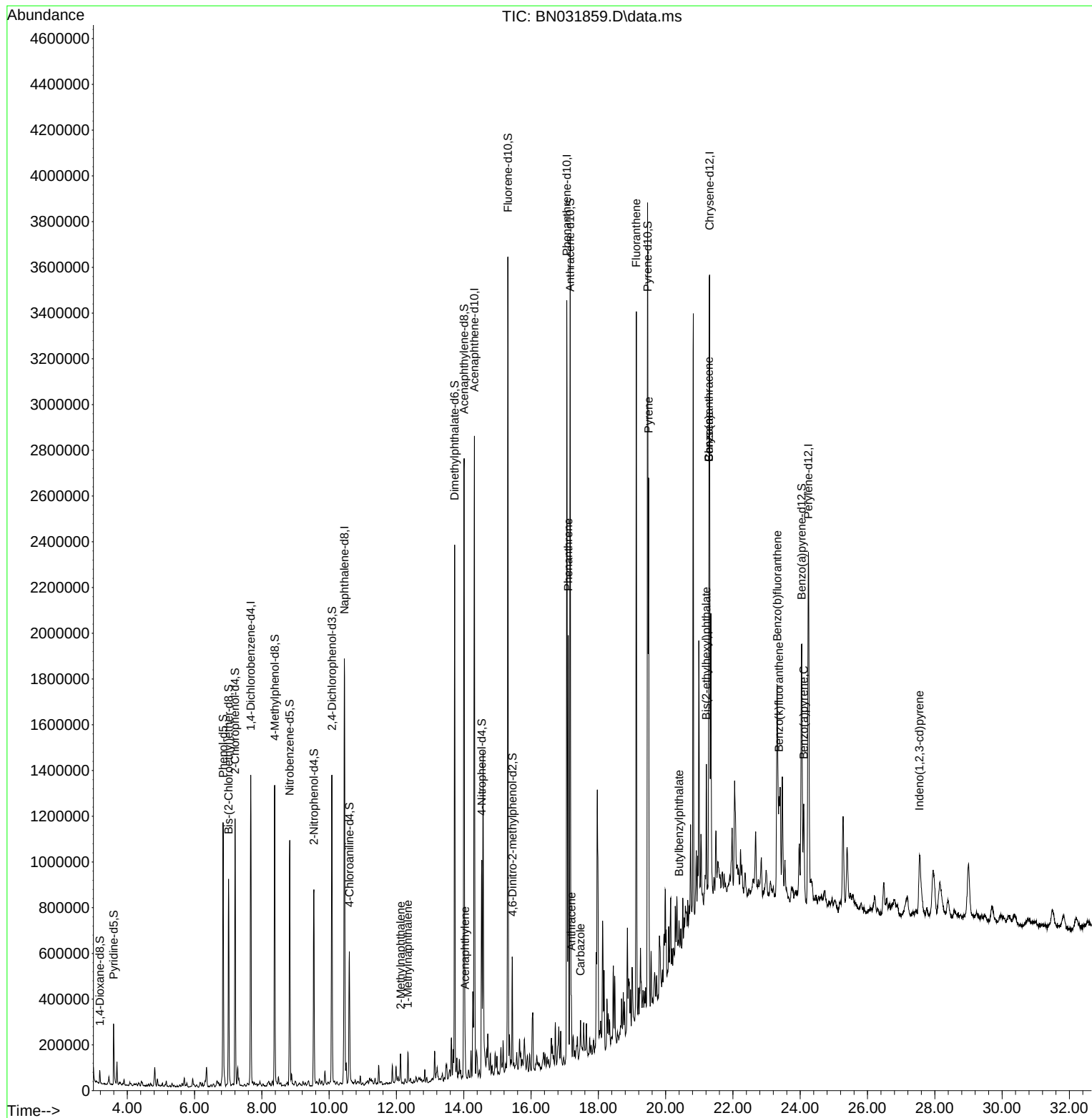
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	372125	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.452	136	1606465	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	987850	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1907563	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1166294	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1327972	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	29989	3.334	ng/uL	-0.01
4) Pyridine-d5	3.593	84	146336	5.779	ng/u1	0.00
7) Phenol-d5	6.846	99	707117	22.166	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	379028	20.312	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	571217	23.467	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	520213	20.005	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	283579	23.087	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	304673	24.012	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	524466	22.141	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	337241	9.589	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	1539836	22.375	ng/u1	-0.02
49) Acenaphthylene-d8	14.010	160	1867230	23.596	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	254851	18.495	ng/u1	0.00
60) Fluorene-d10	15.310	176	1384688	23.780	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	108228	11.287	ng/u1	0.00
73) Anthracene-d10	17.163	188	1933504	23.675	ng/u1	0.00
81) Pyrene-d10	19.463	212	1641867	26.307	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1053774	16.618	ng/u1	0.00
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.122	142	64136	1.129	ng/u1	95
37) 1-Methylnaphthalene	12.340	142	68632	1.204	ng/u1	99
50) Acenaphthylene	14.040	152	104839	1.172	ng/u1	95
72) Phenanthrene	17.104	178	1121698	11.543	ng/u1	99
74) Anthracene	17.198	178	182953	1.858	ng/u1	98
77) Carbazole	17.469	167	90058	1.073	ng/u1	97
80) Fluoranthene	19.128	202	1728038	23.168	ng/u1	99
82) Pyrene	19.492	202	1325509	17.321	ng/u1	97
83) Butylbenzylphthalate	20.398	149	42806	1.184	ng/u1	99
85) Benzo(a)anthracene	21.286	228	688929	8.825	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.210	149	236859	4.495	ng/u1	97
87) Chrysene	21.286	228	683073	9.368	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	1029353	12.968	ng/u1	97
91) Benzo(k)fluoranthene	23.369	252	306086	3.930	ng/u1	98
93) Benzo(a)pyrene	24.104	252	403575	5.429	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.545	276	379289	4.427	ng/u1	97

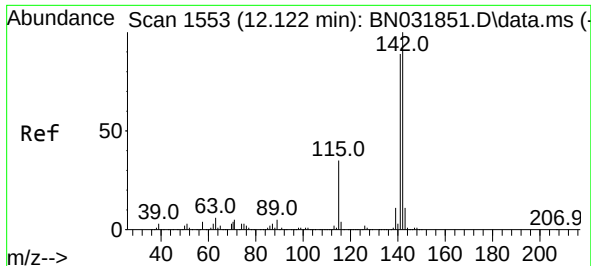
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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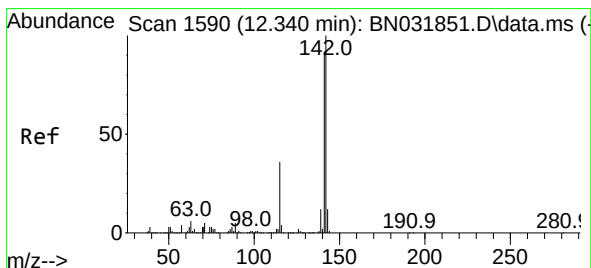
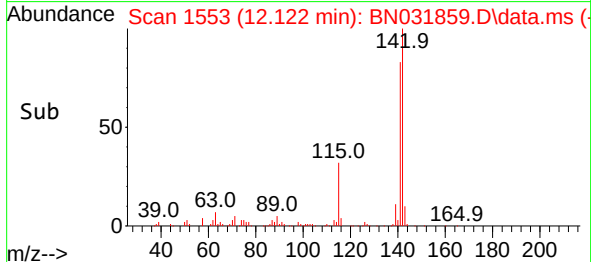
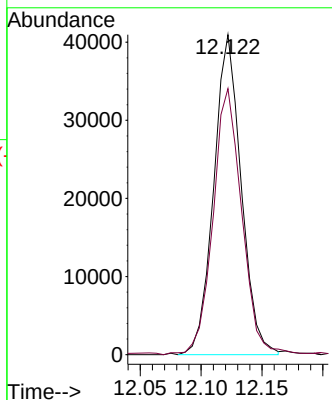
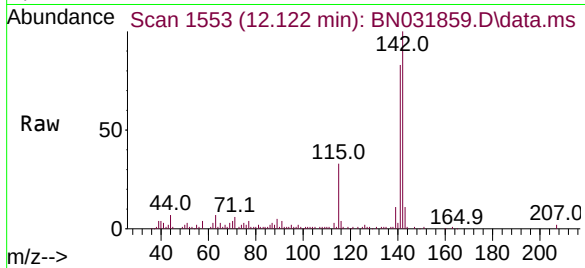




#36
2-Methylnaphthalene
Concen: 1.129 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12

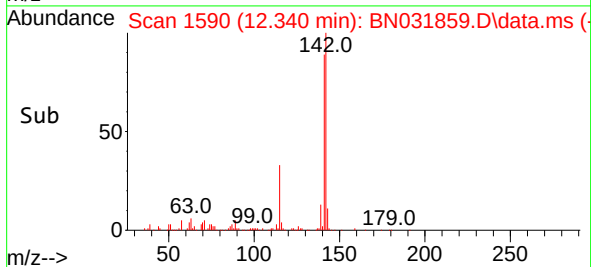
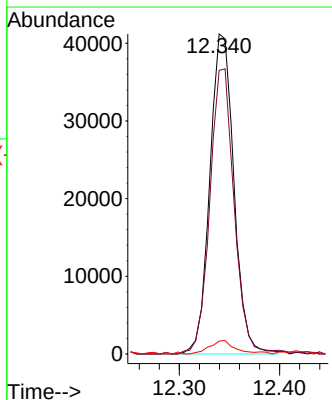
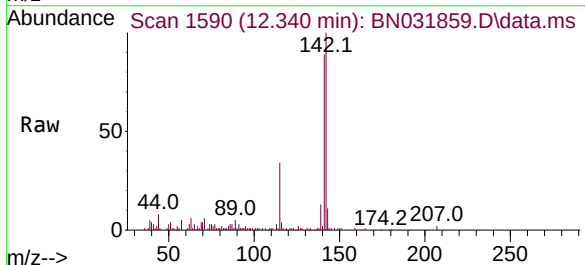
Instrument :
BNA_N
ClientSampleId :
BHBT3

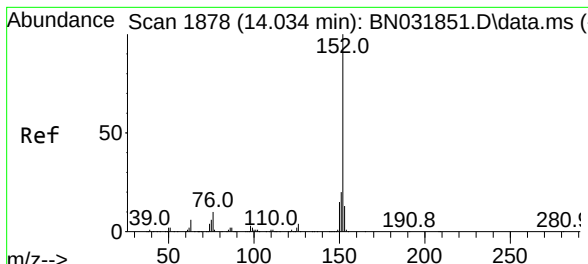
Tgt Ion:142 Resp: 64136
Ion Ratio Lower Upper
142 100
141 83.1 70.1 105.1



#37
1-Methylnaphthalene
Concen: 1.204 ng/ul
RT: 12.340 min Scan# 1590
Delta R.T. -0.018 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12

Tgt Ion:142 Resp: 68632
Ion Ratio Lower Upper
142 100
141 88.6 71.7 107.5
116 4.0 3.0 4.4

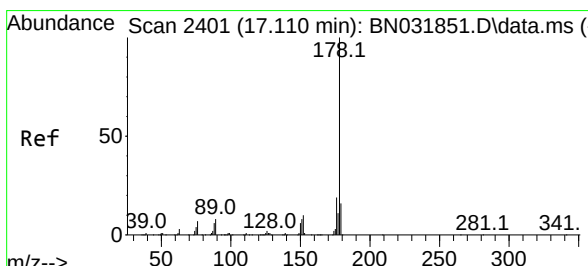
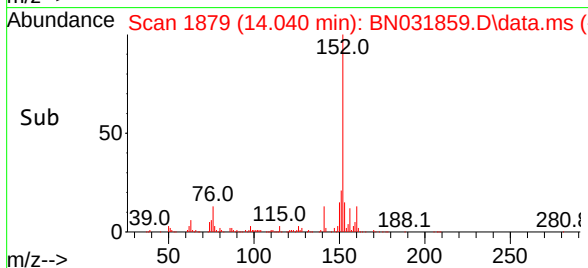
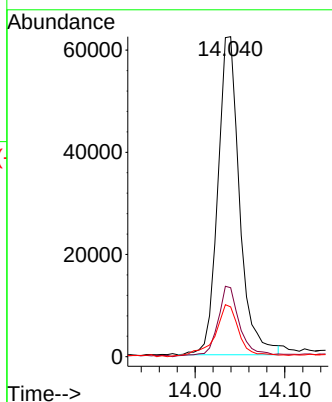
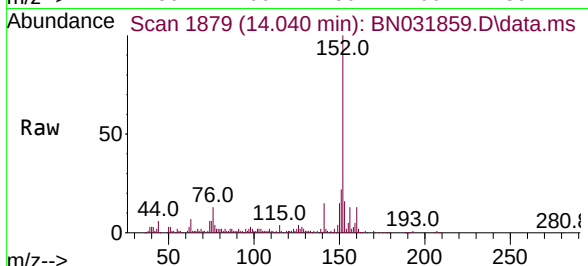




#50
Acenaphthylene
Concen: 1.172 ng/ul
RT: 14.040 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12

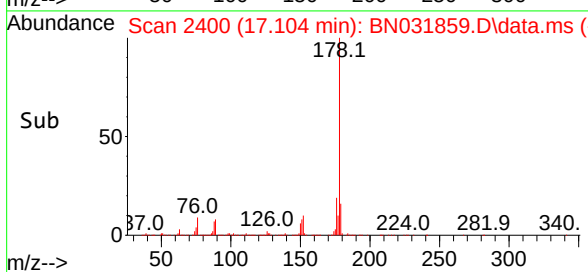
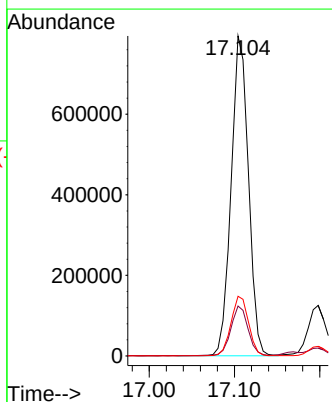
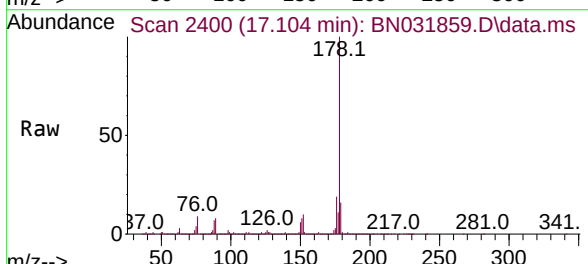
Instrument :
BNA_N
ClientSampleId :
BHBT3

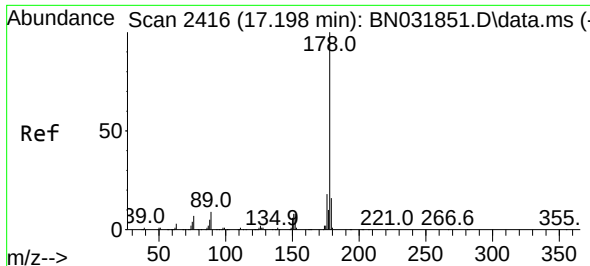
Tgt Ion:152 Resp: 104839
Ion Ratio Lower Upper
152 100
151 21.6 15.9 23.9
153 15.6 10.4 15.6



#72
Phenanthrene
Concen: 11.543 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12

Tgt Ion:178 Resp: 1121698
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.7 15.8 23.6

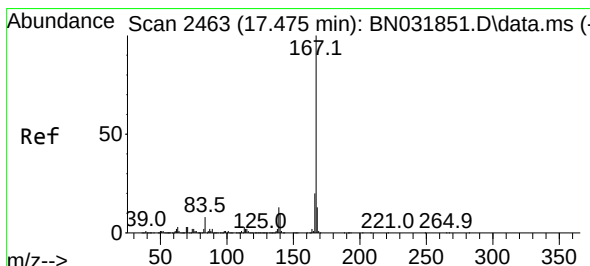
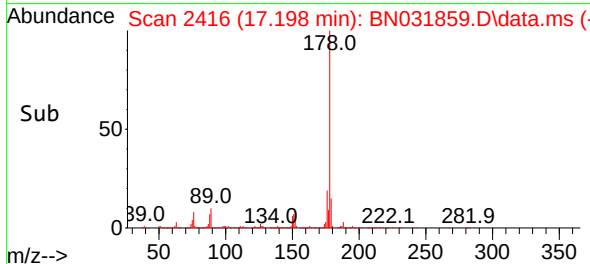
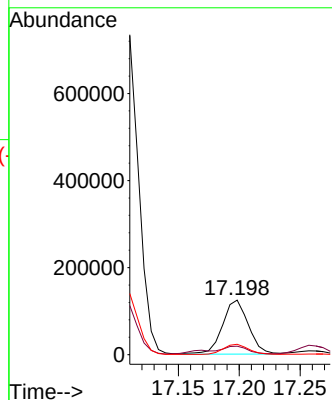
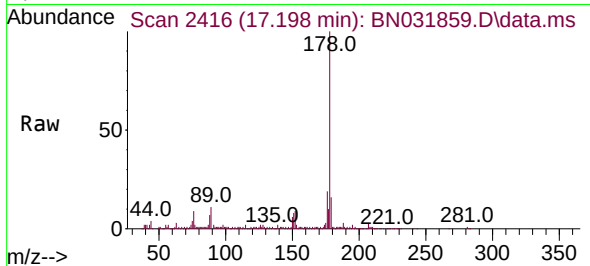




#74
 Anthracene
 Concen: 1.858 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031859.D
 Acq: 08 Jun 2024 15:12

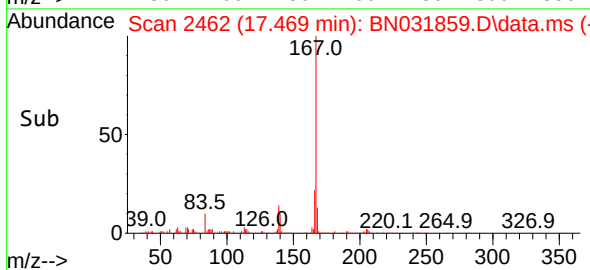
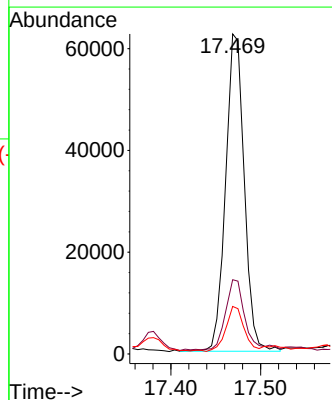
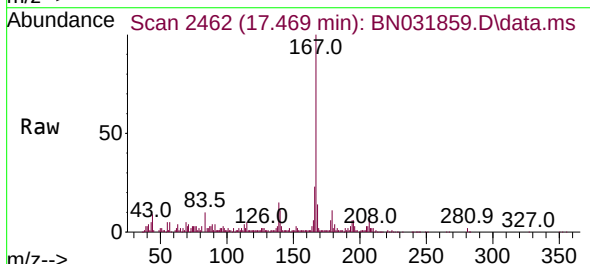
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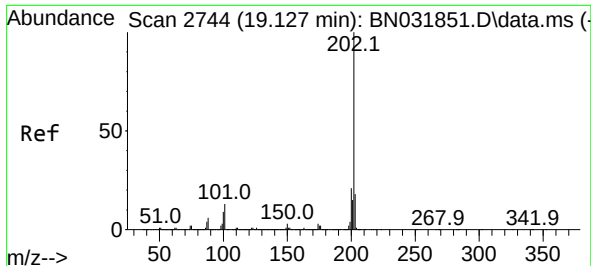
Tgt Ion:178 Resp: 182953
 Ion Ratio Lower Upper
 178 100
 179 15.6 11.8 17.6
 176 19.0 14.8 22.2



#77
 Carbazole
 Concen: 1.073 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031859.D
 Acq: 08 Jun 2024 15:12

Tgt Ion:167 Resp: 90058
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.9 26.9
 139 14.8 10.5 15.7

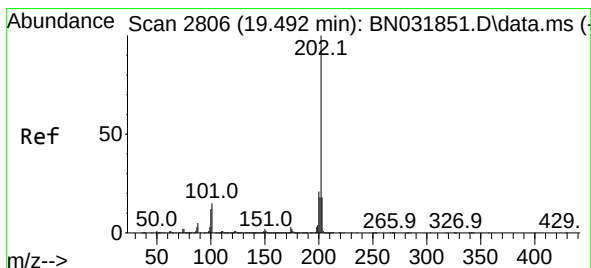
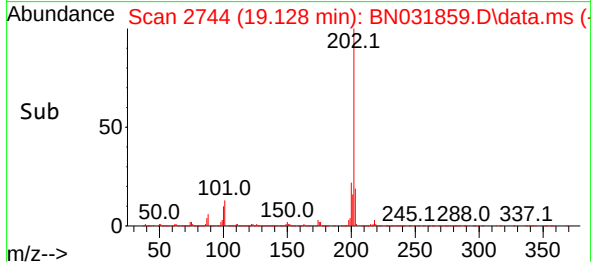
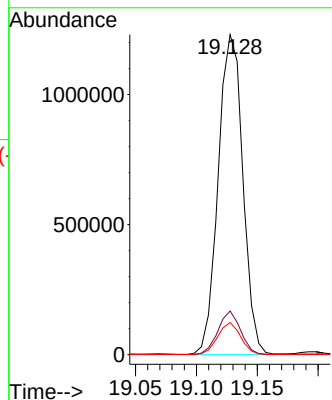
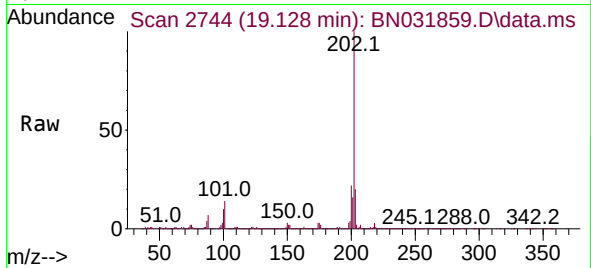




#80
Fluoranthene
Concen: 23.168 ng/u1
RT: 19.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12

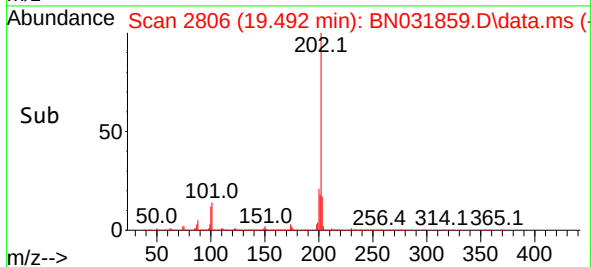
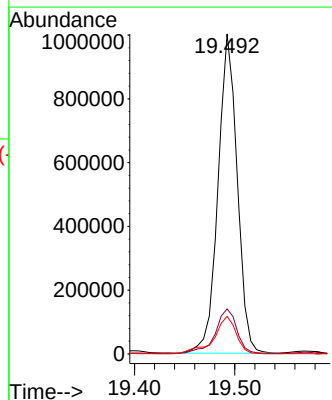
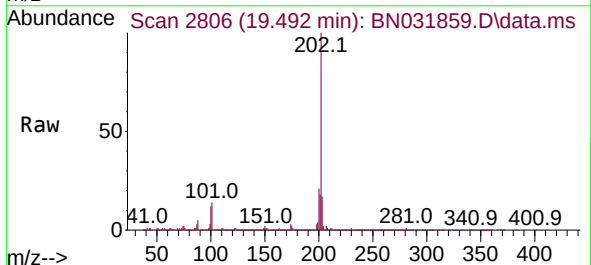
Instrument :
BNA_N
ClientSampleId :
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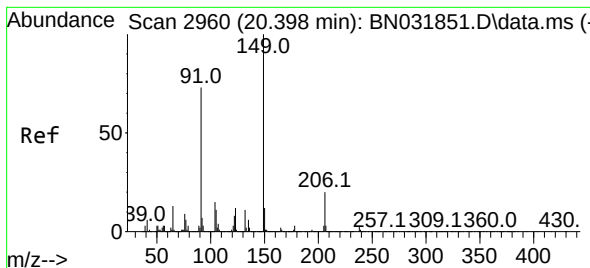
Tgt Ion:202 Resp: 1728038
Ion Ratio Lower Upper
202 100
101 13.6 10.3 15.5
100 10.0 8.0 12.0



#82
Pyrene
Concen: 17.321 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12

Tgt Ion:202 Resp: 1325509
Ion Ratio Lower Upper
202 100
101 14.1 12.6 18.8
100 11.7 10.2 15.2





#83

Butylbenzylphthalate

Concen: 1.184 ng/ul

RT: 20.398 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BN031859.D

Acq: 08 Jun 2024 15:12

Instrument :

BNA_N

ClientSampleId :

BHBT3

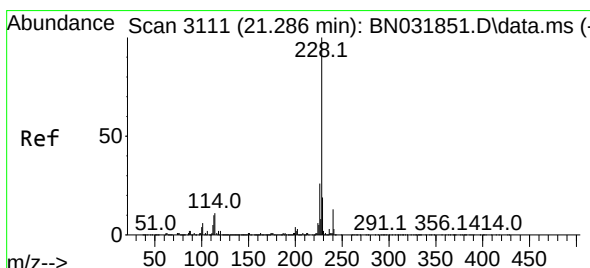
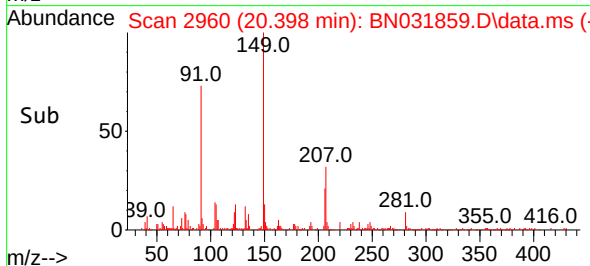
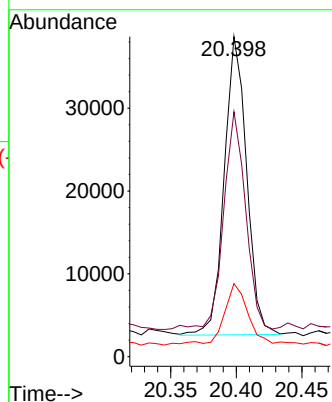
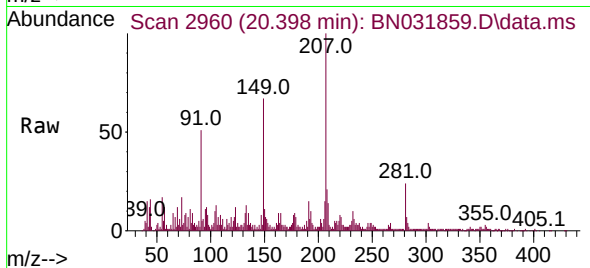
Tgt Ion:149 Resp: 42806

Ion Ratio Lower Upper

149 100

91 76.5 61.0 91.4

206 22.8 16.5 24.7



#85

Benzo(a)anthracene

Concen: 8.825 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031859.D

Acq: 08 Jun 2024 15:12

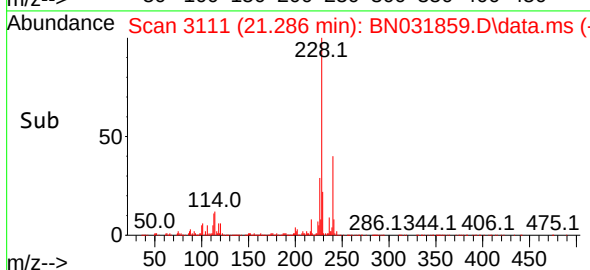
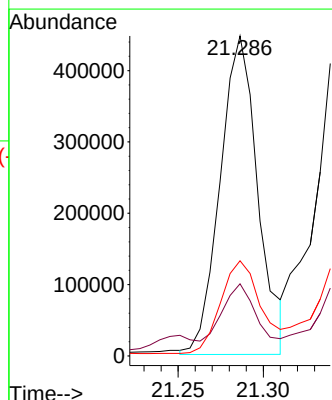
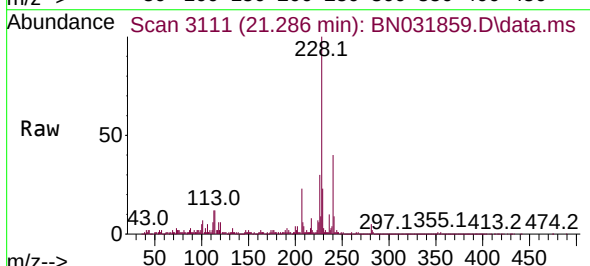
Tgt Ion:228 Resp: 688929

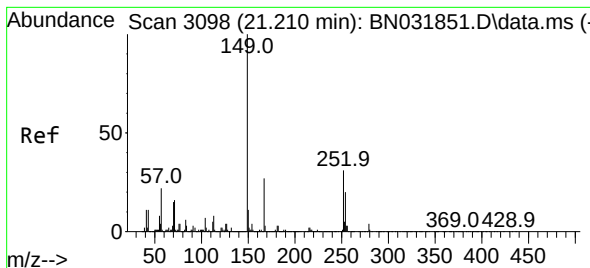
Ion Ratio Lower Upper

228 100

229 22.6 16.7 25.1

226 29.7 22.8 34.2

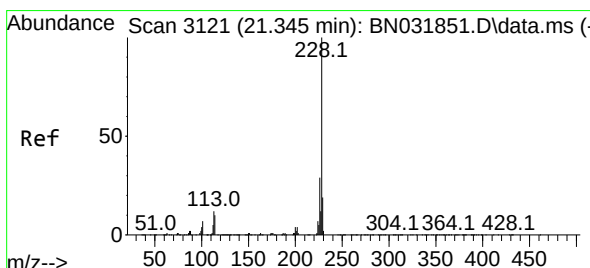
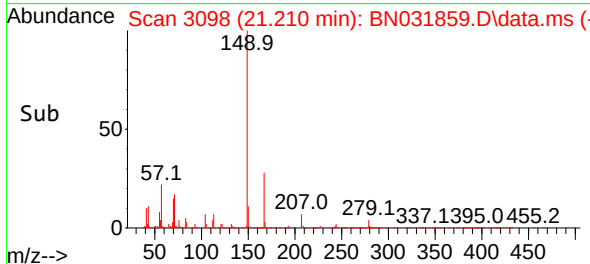
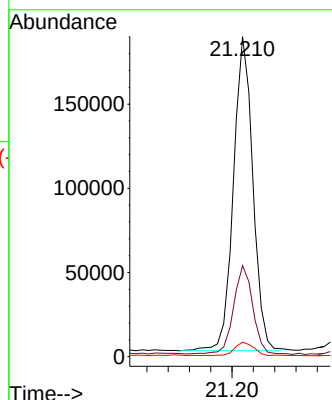
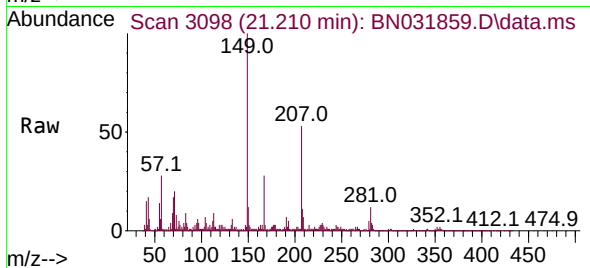




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.495 ng/ul
 RT: 21.210 min Scan# 3098
 Delta R.T. -0.012 min
 Lab File: BN031859.D
 Acq: 08 Jun 2024 15:12

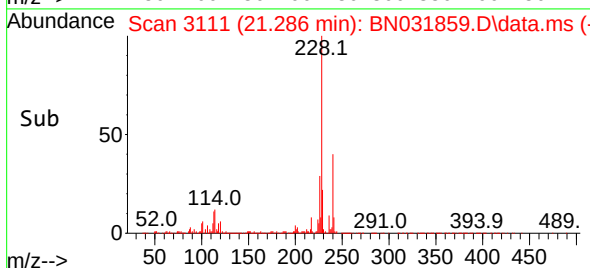
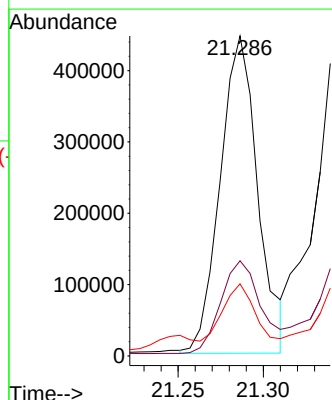
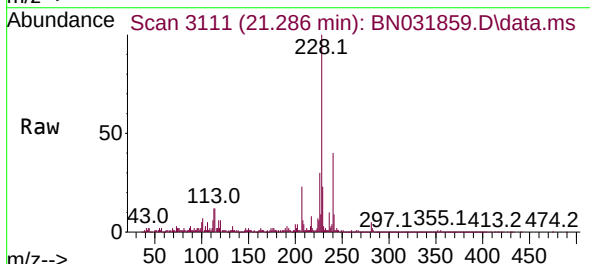
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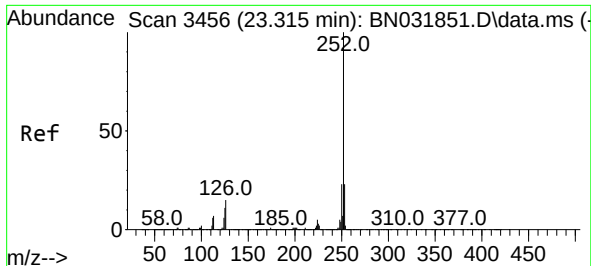
Tgt Ion:149 Resp: 236859
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.4 32.0
 279 4.6 3.3 4.9



#87
 Chrysene
 Concen: 9.368 ng/ul
 RT: 21.286 min Scan# 3111
 Delta R.T. -0.065 min
 Lab File: BN031859.D
 Acq: 08 Jun 2024 15:12

Tgt Ion:228 Resp: 683073
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.7 35.5
 229 22.6 15.1 22.7

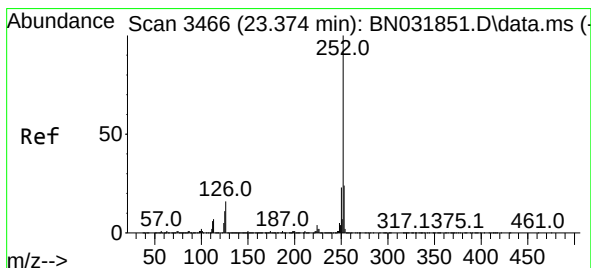
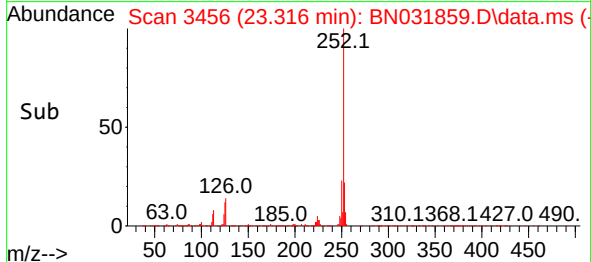
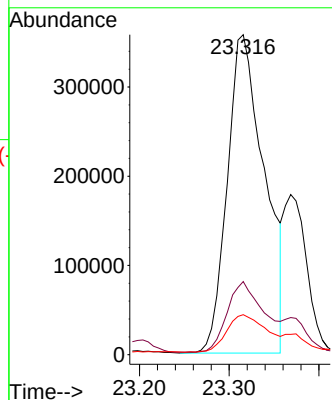
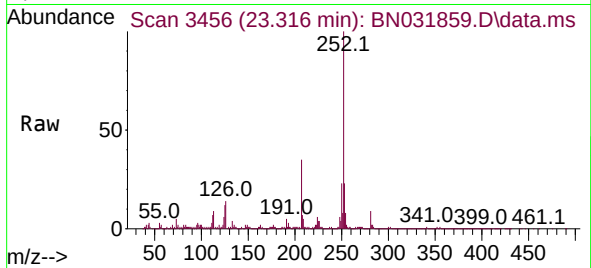




#90
Benzo(b)fluoranthene
Concen: 12.968 ng/ul
RT: 23.316 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12

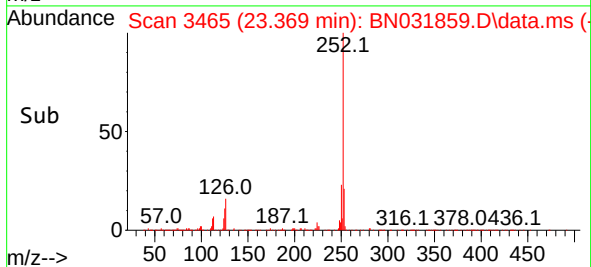
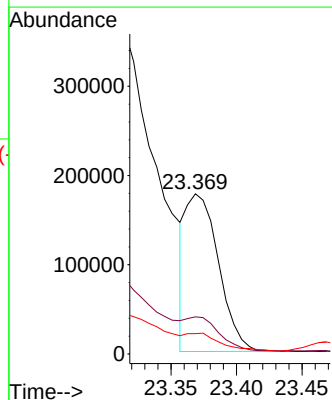
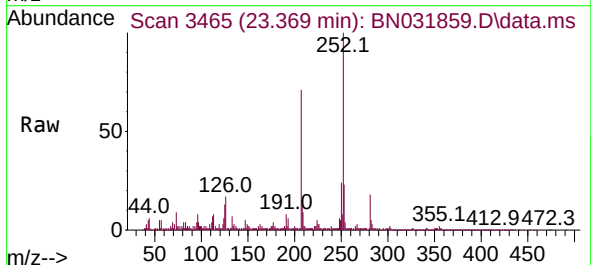
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ClientSampleId :
BHBT3

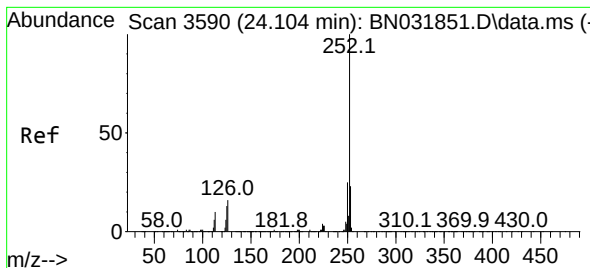
Tgt Ion:252 Resp: 1029353
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 12.5 9.2 13.8



#91
Benzo(k)fluoranthene
Concen: 3.930 ng/ul
RT: 23.369 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12

Tgt Ion:252 Resp: 306086
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 12.6 9.4 14.2





#93

Benzo(a)pyrene

Concen: 5.429 ng/ul

RT: 24.104 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN031859.D

Acq: 08 Jun 2024 15:12

Instrument :

BNA_N

ClientSampleId :

BHBT3

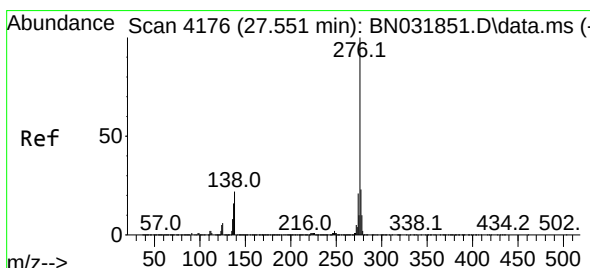
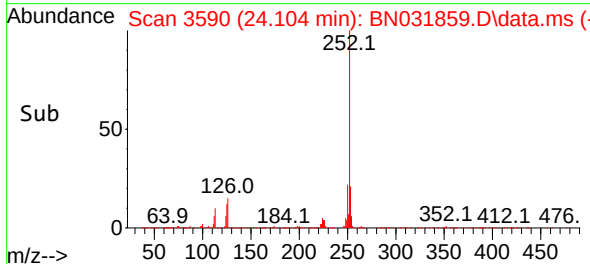
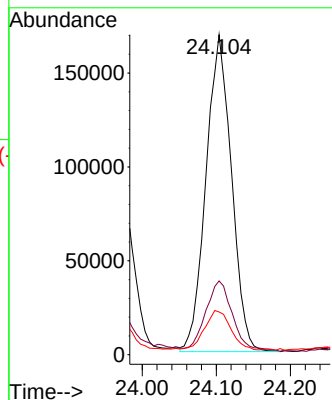
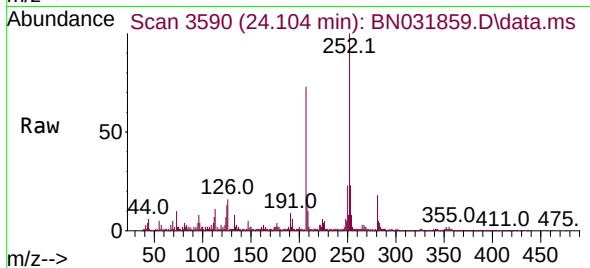
Tgt Ion:252 Resp: 403575

Ion Ratio Lower Upper

252 100

253 23.1 16.6 24.8

125 13.4 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.427 ng/ul

RT: 27.545 min Scan# 4175

Delta R.T. 0.012 min

Lab File: BN031859.D

Acq: 08 Jun 2024 15:12

Tgt Ion:276 Resp: 379289

Ion Ratio Lower Upper

276 100

138 24.3 18.1 27.1

277 23.8 18.2 27.2

