

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031855.D
 Acq On : 08 Jun 2024 12:34
 Operator : MA/JU
 Sample : P2634-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX5

Quant Time: Jun 10 01:41:37 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)

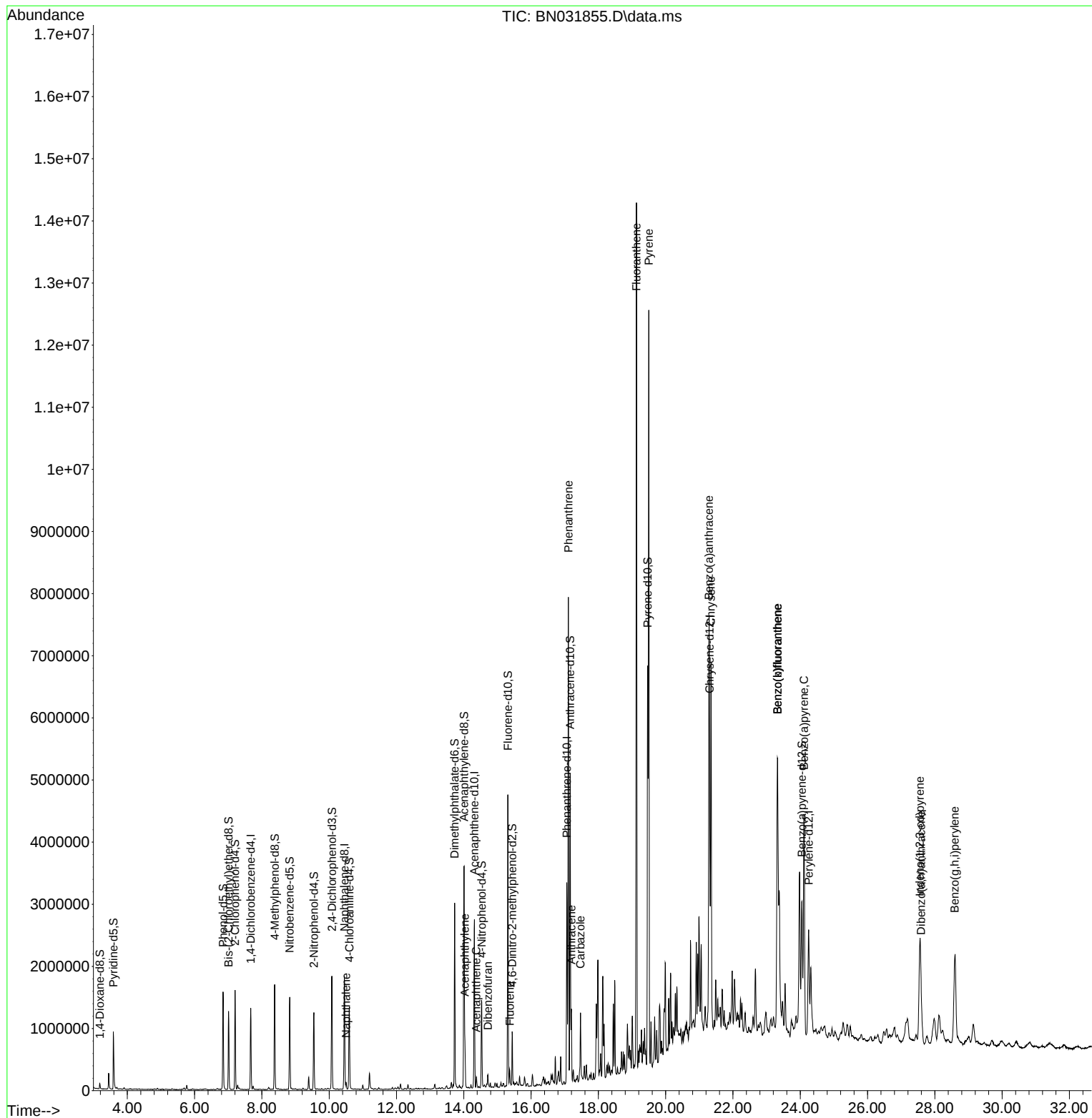
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	360544	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1550762	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	967667	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1972512	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1161110	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1344378	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	45748	5.249	ng/uL	-0.01
4) Pyridine-d5	3.587	84	529461	21.582	ng/u1	-0.01
7) Phenol-d5	6.846	99	959434	31.041	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	525877	29.087	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	789534	33.478	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	678317	26.922	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	395071	33.319	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	428780	35.007	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	722778	31.609	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	778227	22.922	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	2008812	29.798	ng/u1	-0.02
49) Acenaphthylene-d8	14.010	160	2538385	32.747	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	376923	27.925	ng/u1	0.00
60) Fluorene-d10	15.310	176	1808987	31.714	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	181372	18.293	ng/u1	0.00
73) Anthracene-d10	17.163	188	2729342	32.320	ng/u1	0.00
81) Pyrene-d10	19.469	212	2504255	40.304	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	2068715	32.226	ng/u1	0.01
Target Compounds						Qvalue
30) Naphthalene	10.504	128	92981	1.159	ng/u1	99
50) Acenaphthylene	14.034	152	510577	5.828	ng/u1	99
52) Acenaphthene	14.375	153	71196	1.228	ng/u1	97
56) Dibenzofuran	14.716	168	95317	1.210	ng/u1	99
61) Fluorene	15.369	166	130879	2.064	ng/u1	95
72) Phenanthrene	17.110	178	4867496	48.441	ng/u1	99
74) Anthracene	17.198	178	761378	7.478	ng/u1	98
77) Carbazole	17.469	167	683263	7.870	ng/u1	99
80) Fluoranthene	19.133	202	8501696	114.492	ng/u1	97
82) Pyrene	19.498	202	7612288	99.917	ng/u1	96
85) Benzo(a)anthracene	21.286	228	3535400	45.490	ng/u1	98
87) Chrysene	21.345	228	4007383	55.203	ng/u1	98
90) Benzo(b)fluoranthene	23.327	252	4719619	58.733	ng/u1	99
91) Benzo(k)fluoranthene	23.327	252	4719619	59.855	ng/u1	97
93) Benzo(a)pyrene	24.110	252	3359387	44.636	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.556	276	2536620	29.249	ng/u1	96
95) Dibenzo(a,h)anthracene	27.592	278	658516	9.300	ng/u1	95
96) Benzo(g,h,i)perylene	28.592	276	1354234	19.643	ng/u1	97

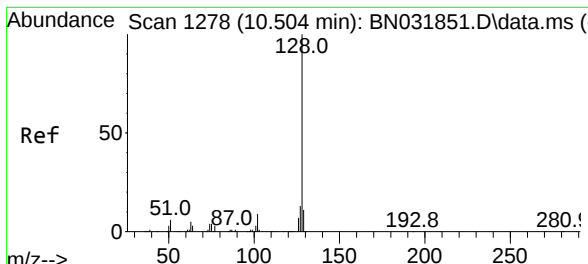
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
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Quant Title : SVOA CALIBRATION
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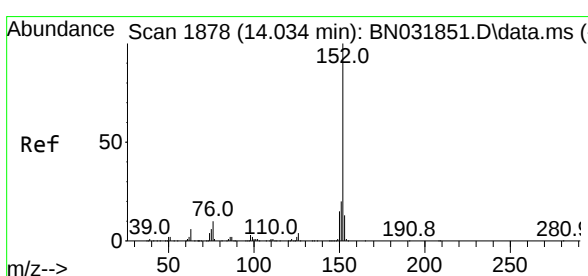
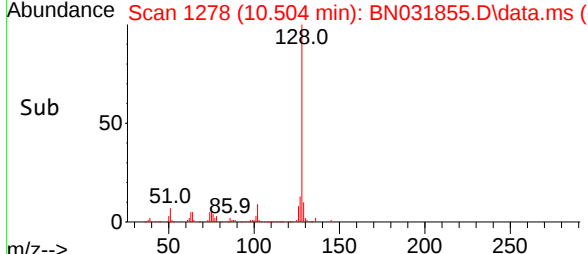
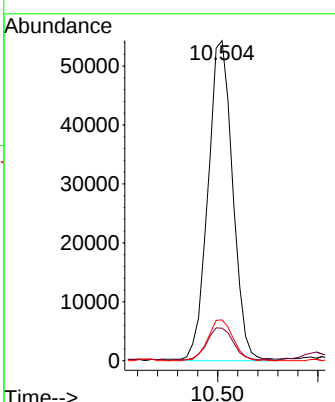
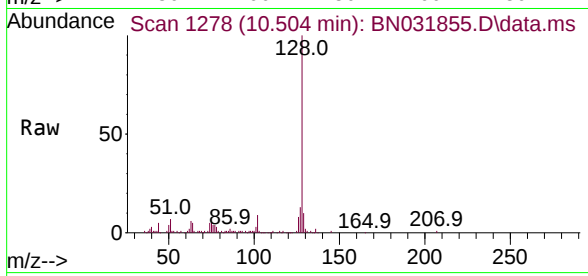




#30
 Naphthalene
 Concen: 1.159 ng/ul
 RT: 10.504 min Scan# 1278
 Delta R.T. -0.012 min
 Lab File: BN031855.D
 Acq: 08 Jun 2024 12:34

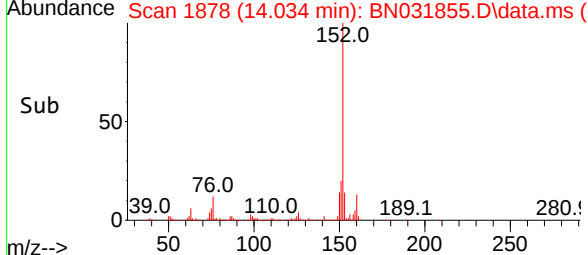
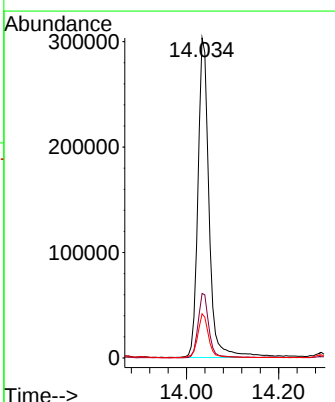
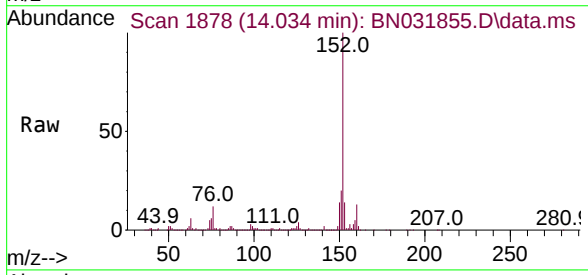
Instrument :
 BNA_N
 ClientSampleId :
 BHBX5

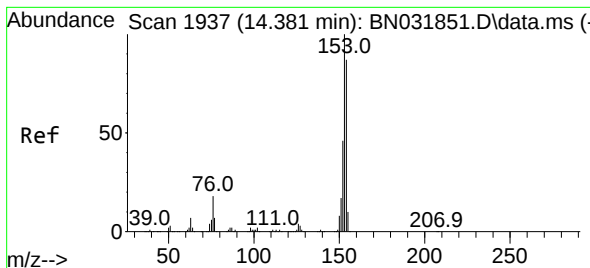
Tgt Ion:	128	Resp:	92981
Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.5	12.7
127	12.7	10.3	15.5



#50
 Acenaphthylene
 Concen: 5.828 ng/ul
 RT: 14.034 min Scan# 1878
 Delta R.T. -0.012 min
 Lab File: BN031855.D
 Acq: 08 Jun 2024 12:34

Tgt Ion:	152	Resp:	510577
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.8	10.4	15.6





#52

Acenaphthene

Concen: 1.228 ng/ul

RT: 14.375 min Scan# 1936

Delta R.T. -0.012 min

Lab File: BN031855.D

Acq: 08 Jun 2024 12:34

Instrument :

BNA_N

ClientSampleId :

BHBX5

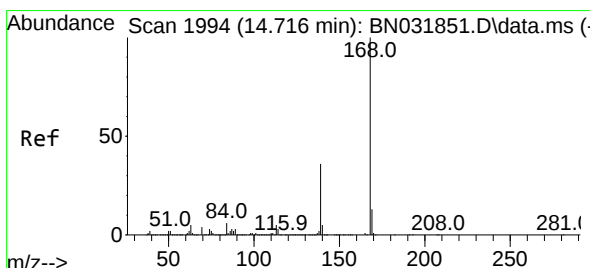
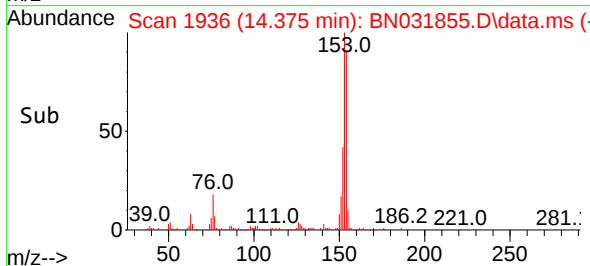
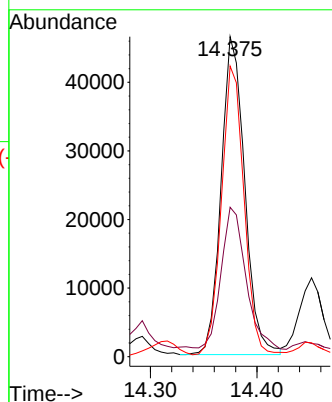
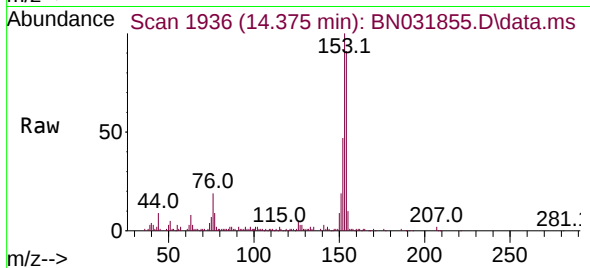
Tgt Ion:153 Resp: 71196

Ion Ratio Lower Upper

153 100

152 46.7 37.8 56.6

154 90.8 69.8 104.8



#56

Dibenzofuran

Concen: 1.210 ng/ul

RT: 14.716 min Scan# 1994

Delta R.T. -0.012 min

Lab File: BN031855.D

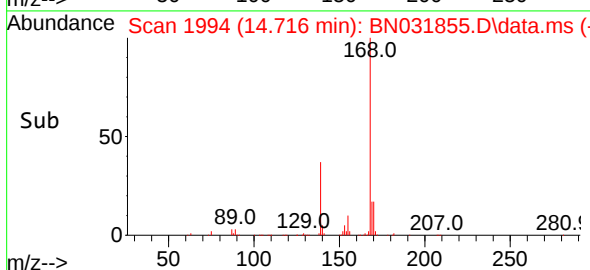
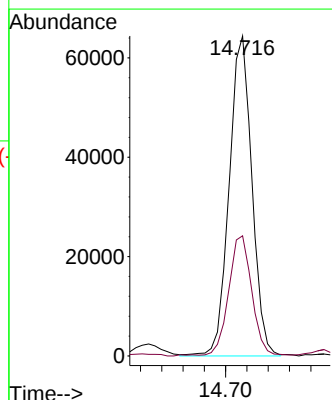
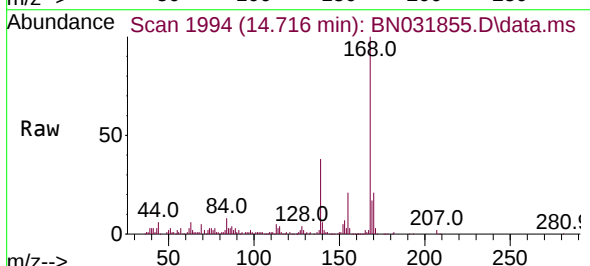
Acq: 08 Jun 2024 12:34

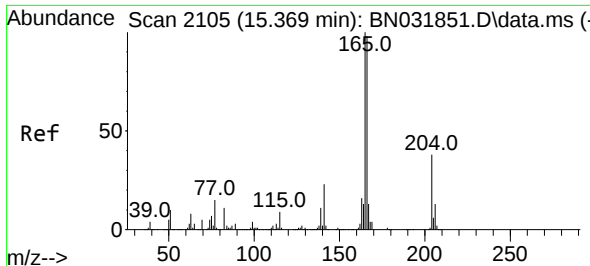
Tgt Ion:168 Resp: 95317

Ion Ratio Lower Upper

168 100

139 37.5 29.4 44.0

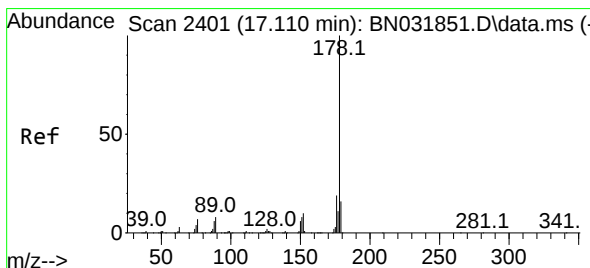
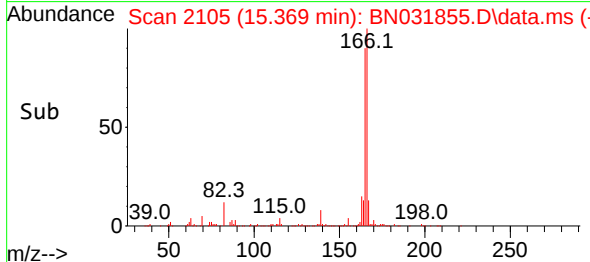
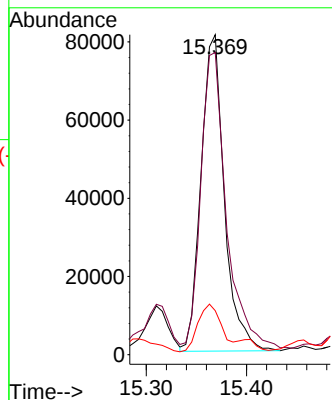
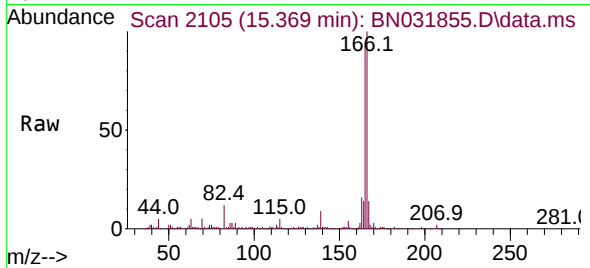




#61
Fluorene
Concen: 2.064 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN031855.D
Acq: 08 Jun 2024 12:34

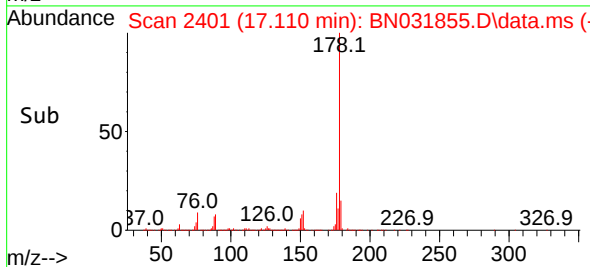
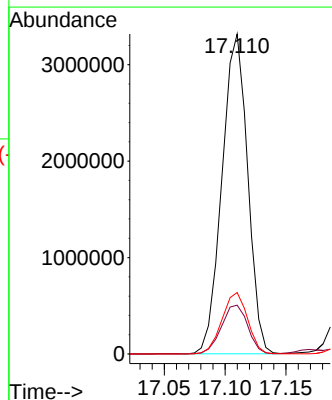
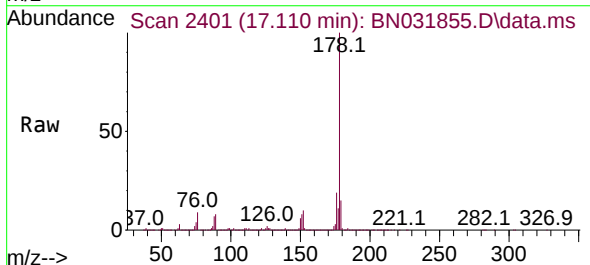
Instrument :
BNA_N
ClientSampleId :
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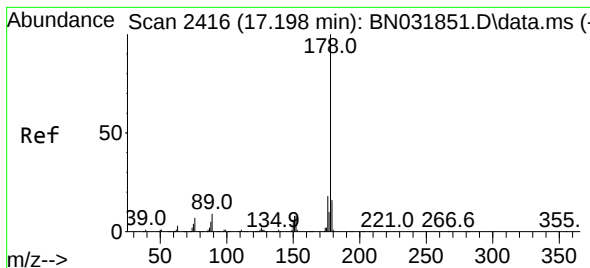
Tgt Ion:166 Resp: 130879
Ion Ratio Lower Upper
166 100
165 94.4 80.3 120.5
167 13.8 11.3 16.9



#72
Phenanthrene
Concen: 48.441 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031855.D
Acq: 08 Jun 2024 12:34

Tgt Ion:178 Resp: 4867496
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.2 15.8 23.6





#74

Anthracene

Concen: 7.478 ng/ul

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BN031855.D

Acq: 08 Jun 2024 12:34

Instrument :

BNA_N

ClientSampleId :

BHBX5

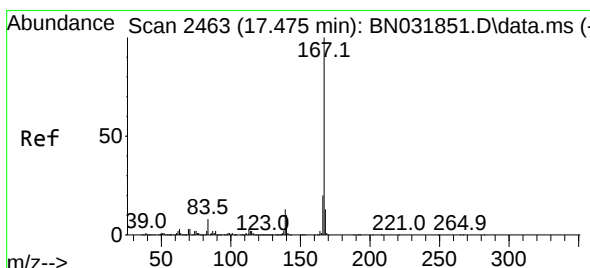
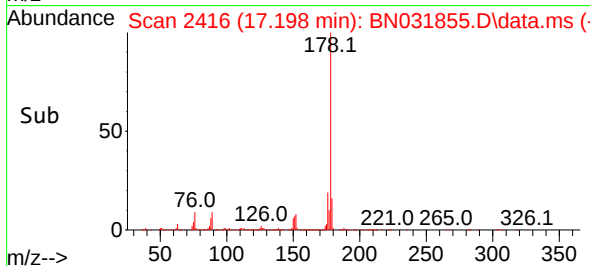
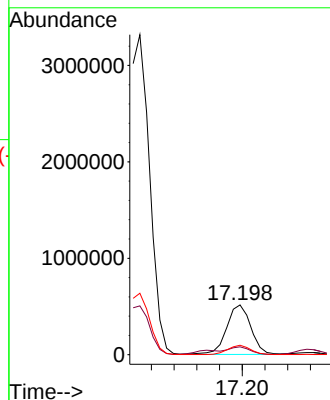
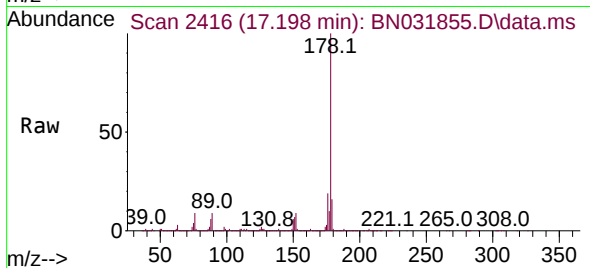
Tgt Ion:178 Resp: 761378

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.6

176 19.1 14.8 22.2



#77

Carbazole

Concen: 7.870 ng/ul

RT: 17.469 min Scan# 2462

Delta R.T. -0.006 min

Lab File: BN031855.D

Acq: 08 Jun 2024 12:34

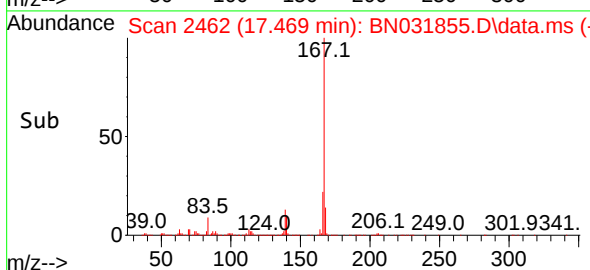
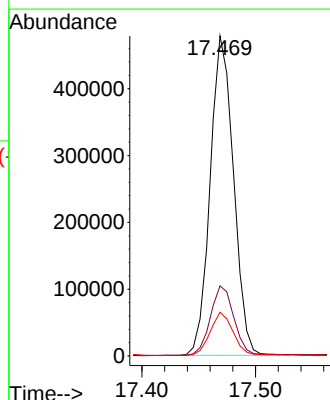
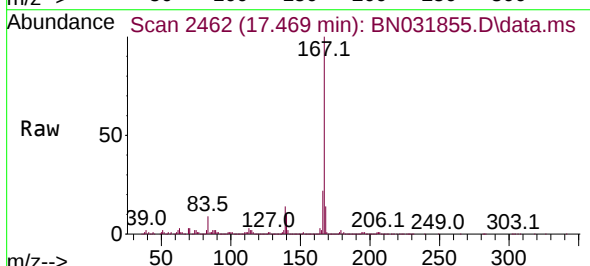
Tgt Ion:167 Resp: 683263

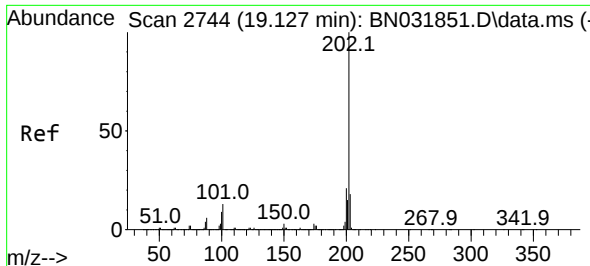
Ion Ratio Lower Upper

167 100

166 21.9 17.9 26.9

139 13.7 10.5 15.7

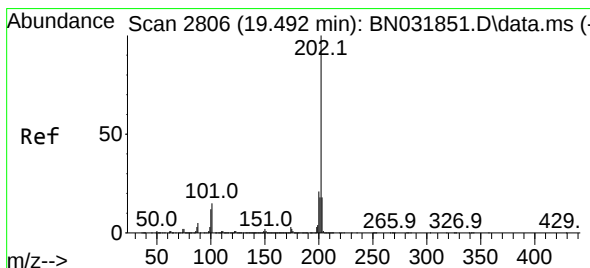
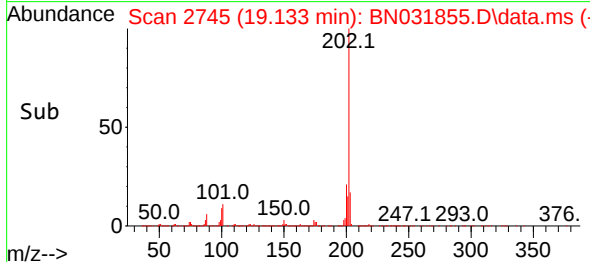
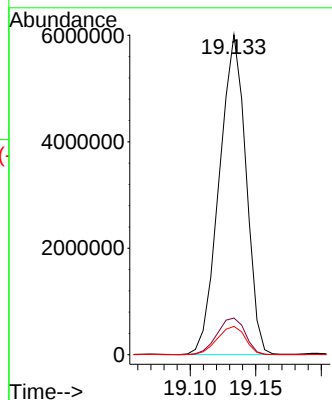
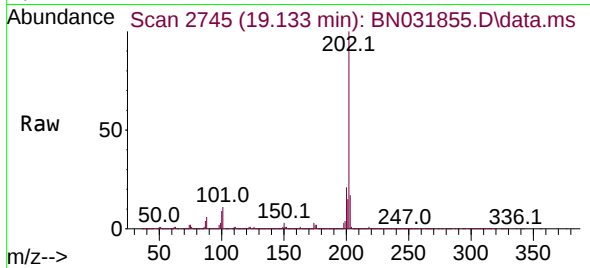




#80
Fluoranthene
Concen: 114.492 ng/ul
RT: 19.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031855.D
Acq: 08 Jun 2024 12:34

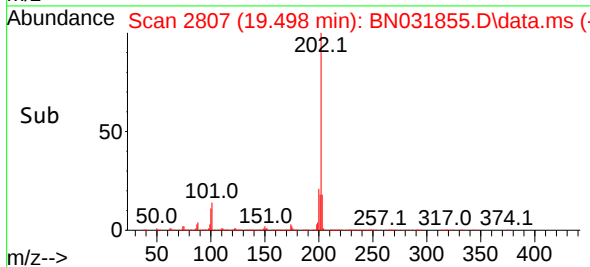
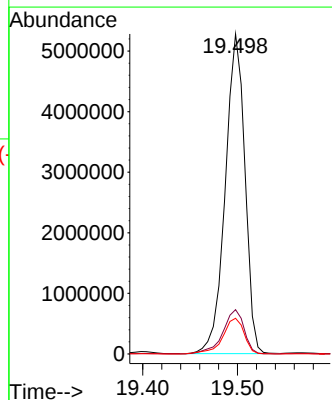
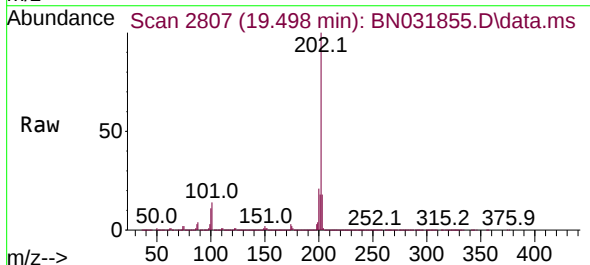
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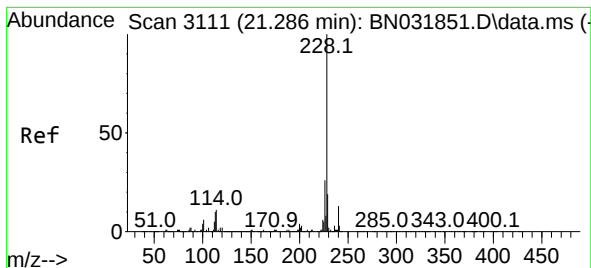
Tgt Ion:202 Resp: 8501696
Ion Ratio Lower Upper
202 100
101 11.4 10.3 15.5
100 8.8 8.0 12.0



#82
Pyrene
Concen: 99.917 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031855.D
Acq: 08 Jun 2024 12:34

Tgt Ion:202 Resp: 7612288
Ion Ratio Lower Upper
202 100
101 13.8 12.6 18.8
100 11.2 10.2 15.2





#85

Benzo(a)anthracene

Concen: 45.490 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031855.D

Acq: 08 Jun 2024 12:34

Instrument :

BNA_N

ClientSampleId :

BHBX5

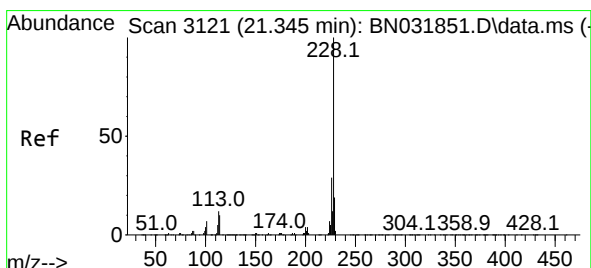
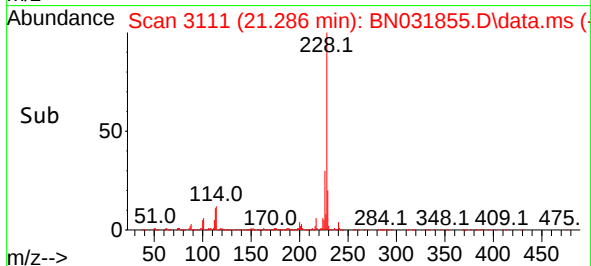
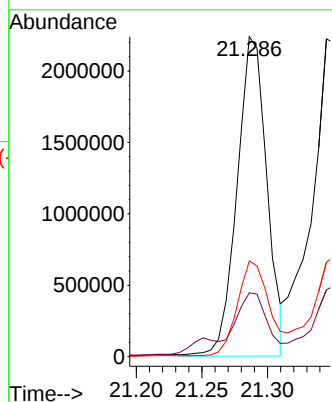
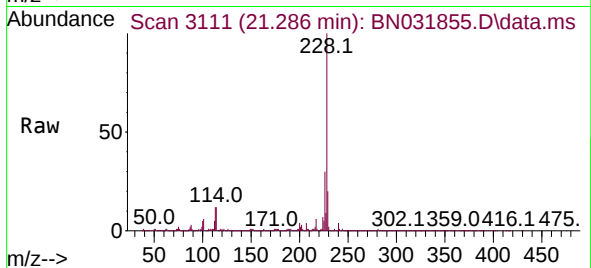
Tgt Ion:228 Resp: 3535400

Ion Ratio Lower Upper

228 100

229 20.0 16.7 25.1

226 29.9 22.8 34.2



#87

Chrysene

Concen: 55.203 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031855.D

Acq: 08 Jun 2024 12:34

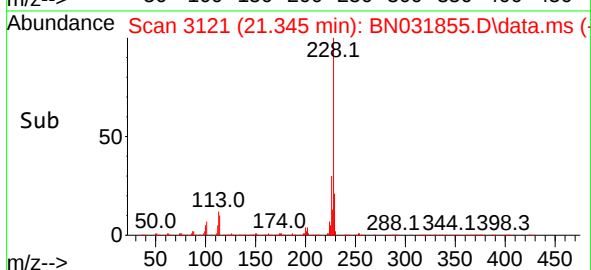
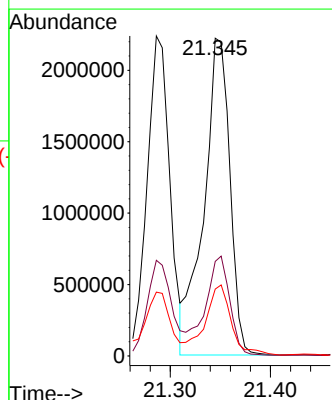
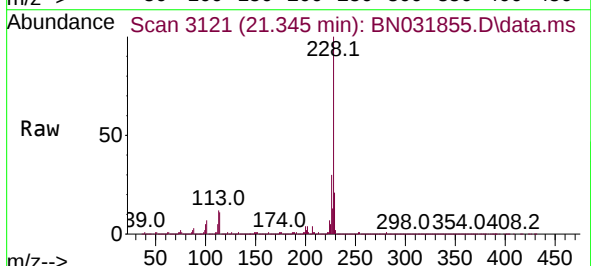
Tgt Ion:228 Resp: 4007383

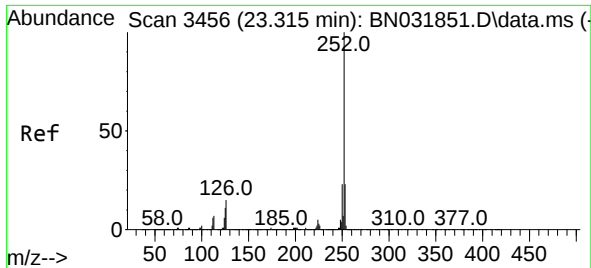
Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 21.0 15.1 22.7

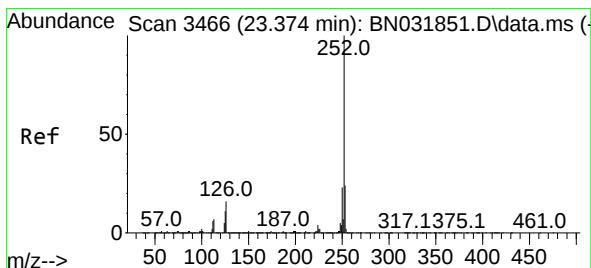
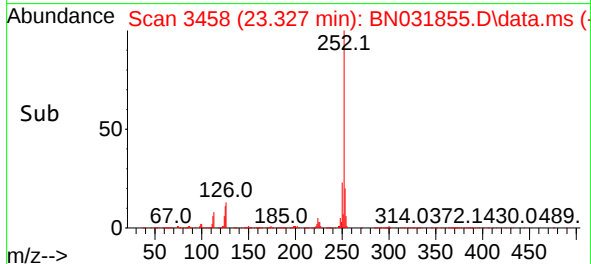
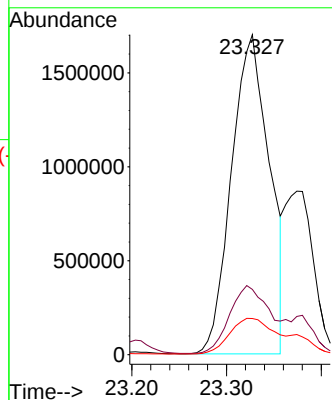
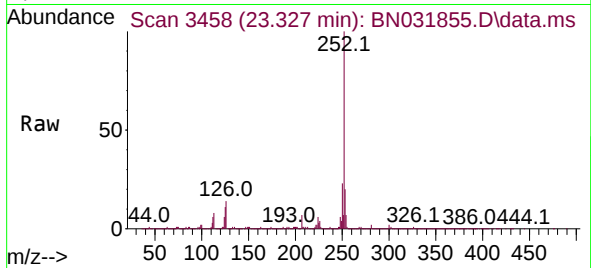




#90
Benzo(b)fluoranthene
Concen: 58.733 ng/ul
RT: 23.327 min Scan# 3458
Delta R.T. 0.017 min
Lab File: BN031855.D
Acq: 08 Jun 2024 12:34

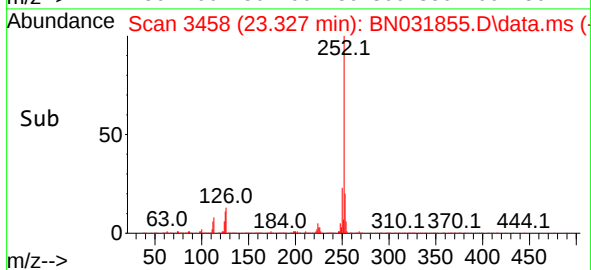
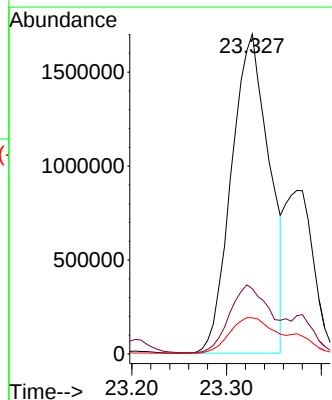
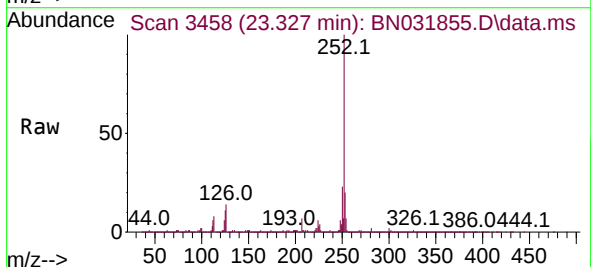
Instrument :
BNA_N
ClientSampleId :
BHBX5

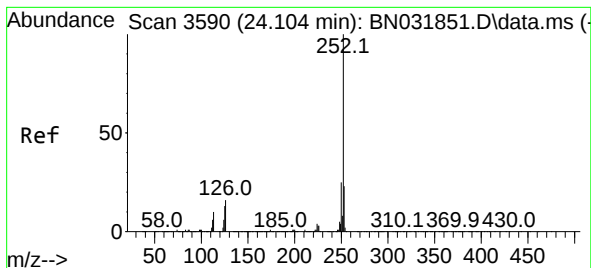
Tgt Ion:252 Resp: 4719619
Ion Ratio Lower Upper
252 100
253 20.4 17.0 25.6
125 11.3 9.2 13.8



#91
Benzo(k)fluoranthene
Concen: 59.855 ng/ul
RT: 23.327 min Scan# 3458
Delta R.T. -0.047 min
Lab File: BN031855.D
Acq: 08 Jun 2024 12:34

Tgt Ion:252 Resp: 4719619
Ion Ratio Lower Upper
252 100
253 20.4 17.6 26.4
125 11.3 9.4 14.2





#93

Benzo(a)pyrene

Concen: 44.636 ng/ul

RT: 24.110 min Scan# 3591

Delta R.T. 0.006 min

Lab File: BN031855.D

Acq: 08 Jun 2024 12:34

Instrument :

BNA_N

ClientSampleId :

BHBX5

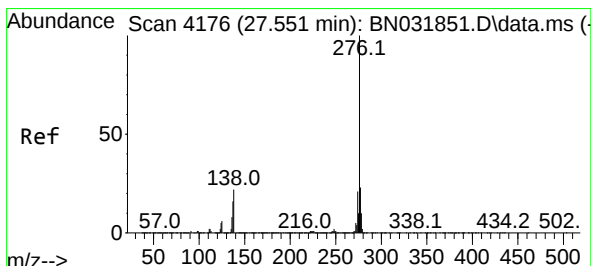
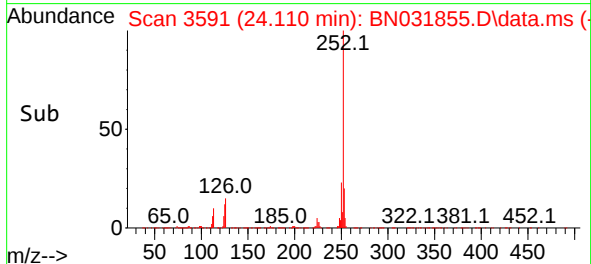
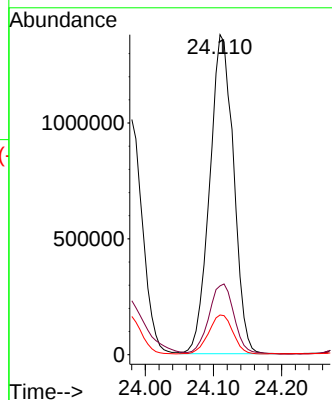
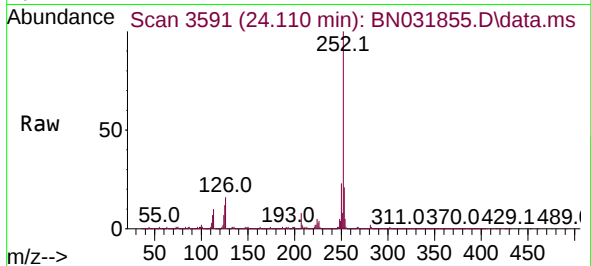
Tgt Ion:252 Resp: 3359387

Ion Ratio Lower Upper

252 100

253 21.5 16.6 24.8

125 12.4 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.249 ng/ul

RT: 27.556 min Scan# 4177

Delta R.T. 0.023 min

Lab File: BN031855.D

Acq: 08 Jun 2024 12:34

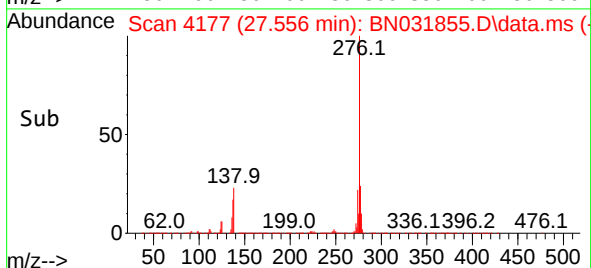
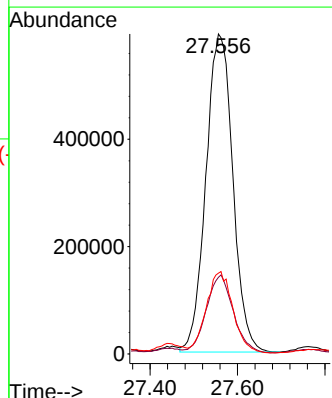
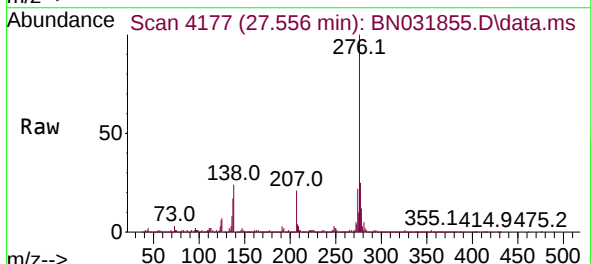
Tgt Ion:276 Resp: 2536620

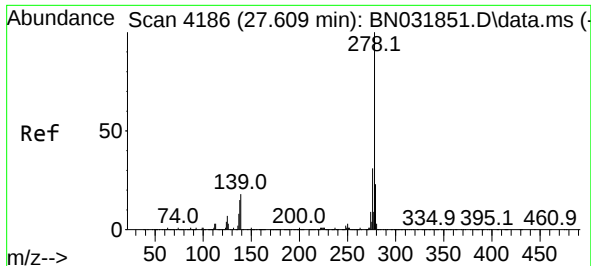
Ion Ratio Lower Upper

276 100

138 24.0 18.1 27.1

277 25.3 18.2 27.2

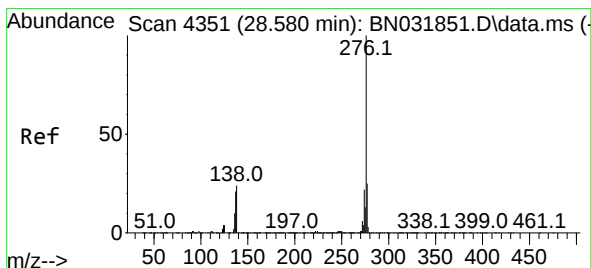
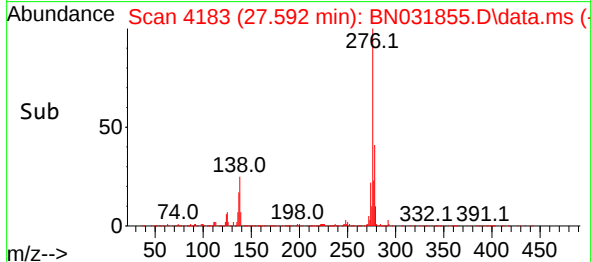
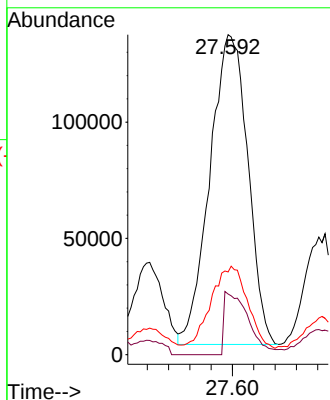
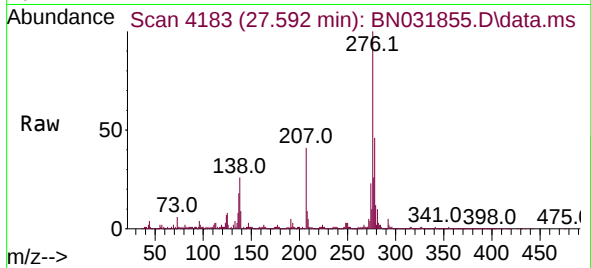




#95
Dibenzo(a,h)anthracene
Concen: 9.300 ng/ul
RT: 27.592 min Scan# 4186
Delta R.T. -0.012 min
Lab File: BN031855.D
Acq: 08 Jun 2024 12:34

Instrument :
BNA_N
ClientSampleId :
BHBX5

Tgt Ion:278 Resp: 658516
Ion Ratio Lower Upper
278 100
139 19.0 15.0 22.6
279 25.8 17.4 26.0



#96
Benzo(g,h,i)perylene
Concen: 19.643 ng/ul
RT: 28.592 min Scan# 4353
Delta R.T. 0.023 min
Lab File: BN031855.D
Acq: 08 Jun 2024 12:34

Tgt Ion:276 Resp: 1354234
Ion Ratio Lower Upper
276 100
138 25.3 20.9 31.3
277 24.7 18.0 27.0

