

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025819.D
 Acq On : 13 Jun 2023 23:24
 Operator : MA/JU
 Sample : 02950-13MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW990MS

Quant Time: Jun 14 00:03:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

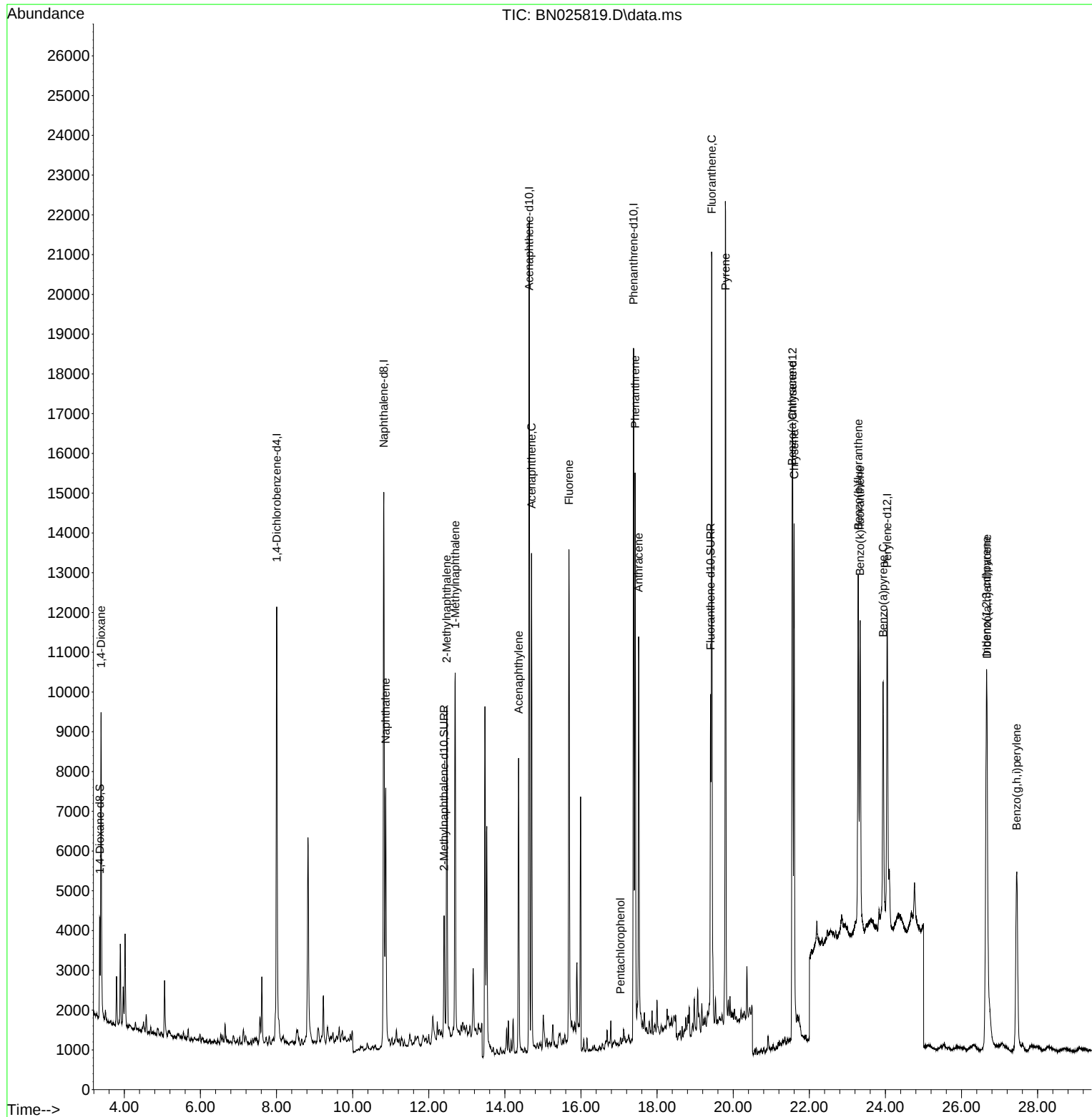
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	6686	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	20689	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	11780	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	21797	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	11114	0.400	ng/ul	0.00
23) Perylene-d12	24.049	264	11301	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	1698	0.258	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	4137	0.158	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	8794	0.251	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	5511	0.783	ng/ul	97
5) Naphthalene	10.869	128	9607	0.183	ng/ul	98
7) 2-Methylnaphthalene	12.475	142	6221	0.196	ng/ul	100
8) 1-Methylnaphthalene	12.695	142	6583	0.189	ng/ul	100
10) Acenaphthylene	14.362	152	9060	0.195	ng/ul	96
11) Acenaphthene	14.700	153	7493	0.193	ng/ul	98
12) Fluorene	15.685	166	8424	0.195	ng/ul	98
14) Pentachlorophenol	17.039	266	116	0.049	ng/ul#	80
15) Phenanthrene	17.423	178	15702	0.247	ng/ul	98
16) Anthracene	17.516	178	11476	0.214	ng/ul	96
19) Fluoranthene	19.438	202	17441	0.343	ng/ul	99
20) Pyrene	19.800	202	17829	0.339	ng/ul	98
21) Benzo(a)anthracene	21.546	228	11036	0.311	ng/ul	96
22) Chrysene	21.602	228	12493	0.308	ng/ul	97
24) Benzo(b)fluoranthene	23.286	252	11860	0.257	ng/ul	86
25) Benzo(k)fluoranthene	23.335	252	11199	0.242	ng/ul#	88
26) Benzo(a)pyrene	23.940	252	9526	0.243	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.651	276	15268	0.342	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.668	278	10090	0.298	ng/ul	96
29) Benzo(g,h,i)perylene	27.450	276	10148	0.253	ng/ul	95

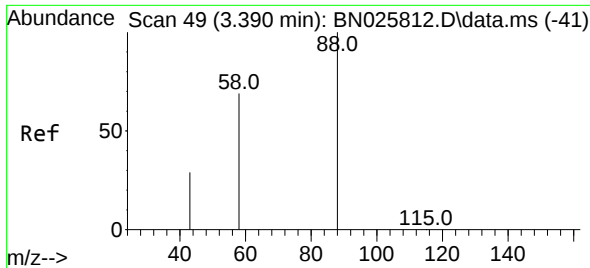
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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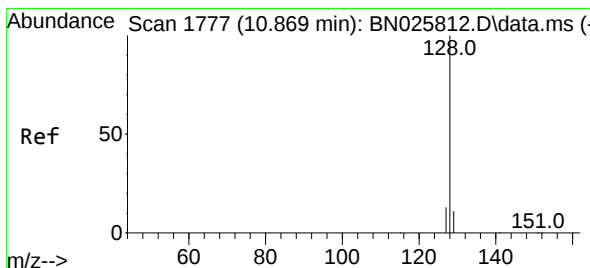
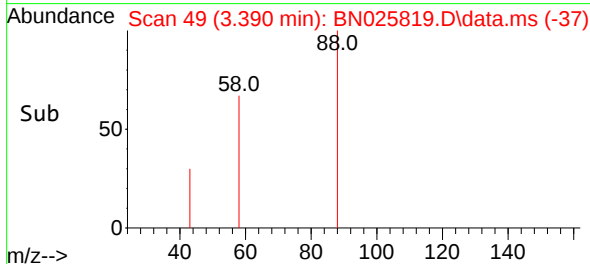
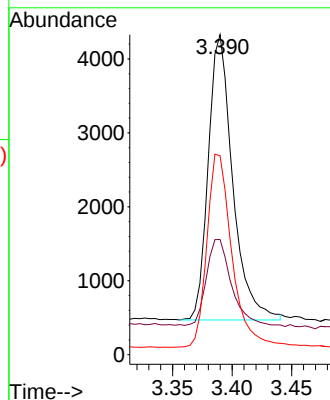
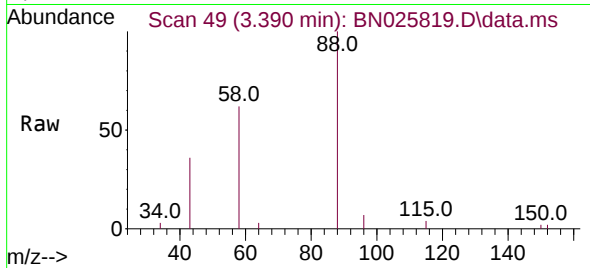




#2
1,4-Dioxane
Concen: 0.783 ng/ul
RT: 3.390 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

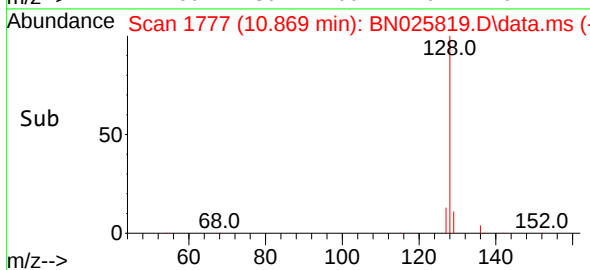
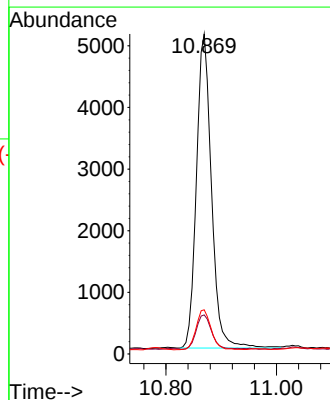
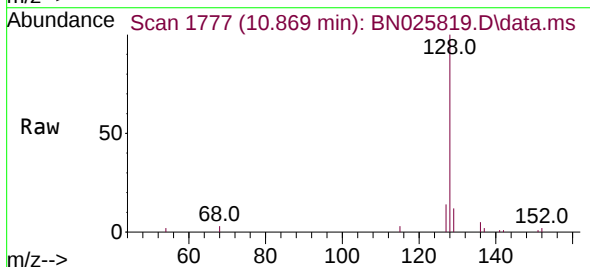
Instrument :
BNA_N
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EW990MS

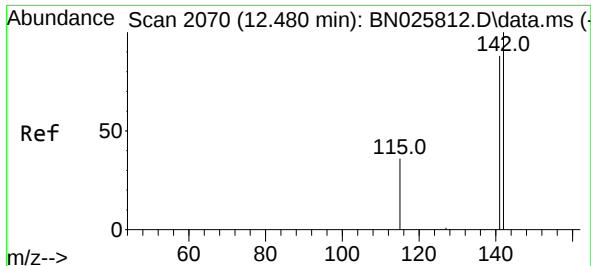
Tgt Ion: 88 Resp: 5511
Ion Ratio Lower Upper
88 100
43 36.0 26.5 39.7
58 62.2 49.0 73.6



#5
Naphthalene
Concen: 0.183 ng/ul
RT: 10.869 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

Tgt Ion: 128 Resp: 9607
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.8 10.5 15.7

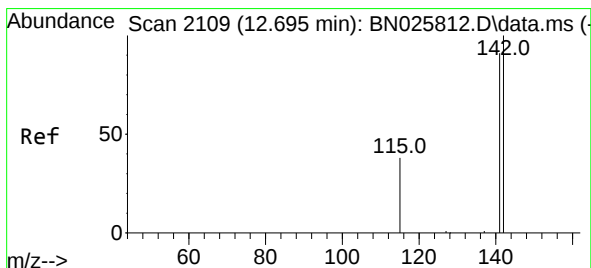
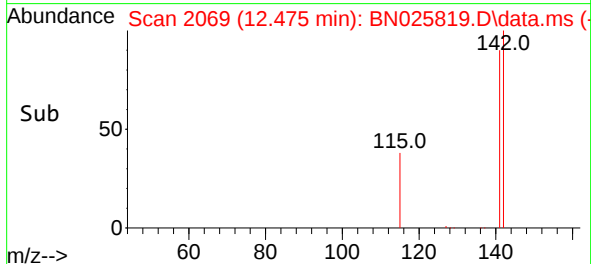
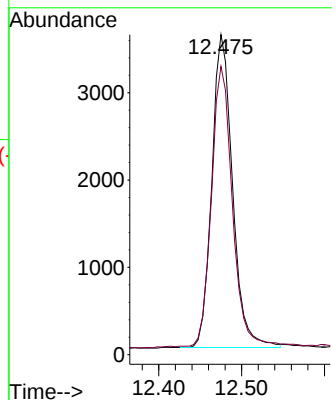
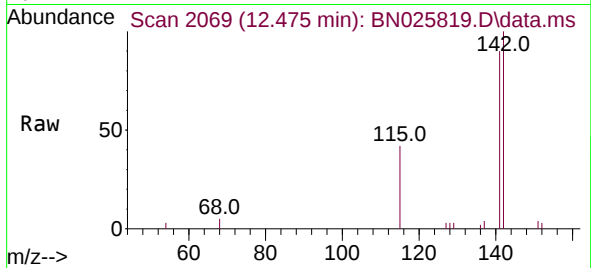




#7
2-Methylnaphthalene
Concen: 0.196 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

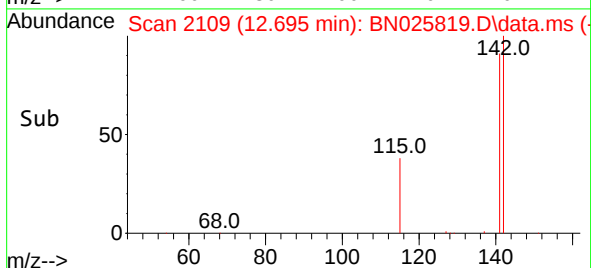
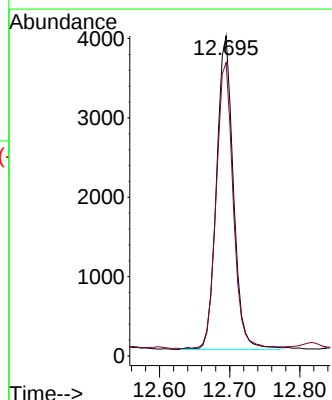
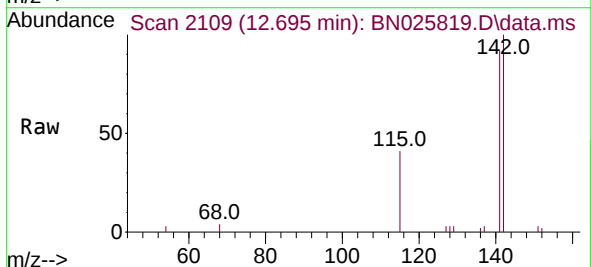
Instrument :
BNA_N
ClientSampleId :
EW990MS

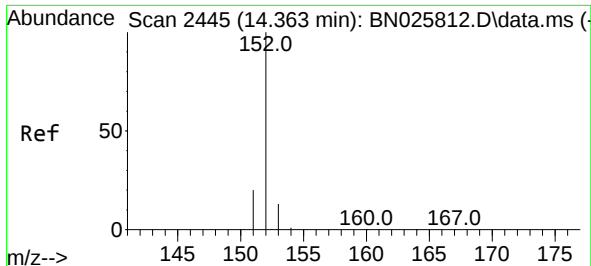
Tgt Ion:142 Resp: 6221
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 12.695 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

Tgt Ion:142 Resp: 6583
Ion Ratio Lower Upper
142 100
141 92.3 74.0 111.0

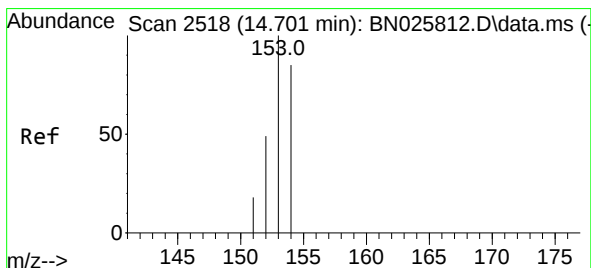
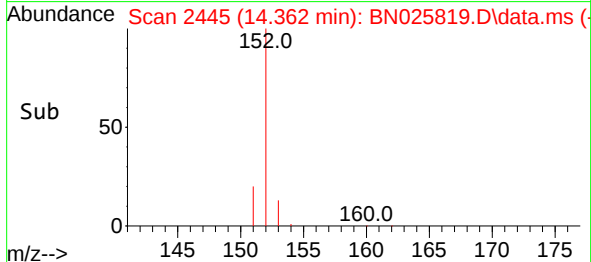
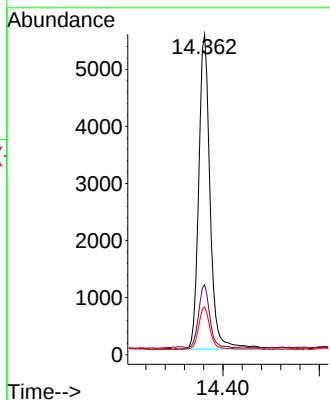
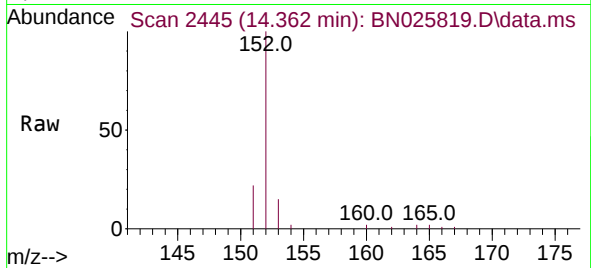




#10
Acenaphthylene
Concen: 0.195 ng/ul
RT: 14.362 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

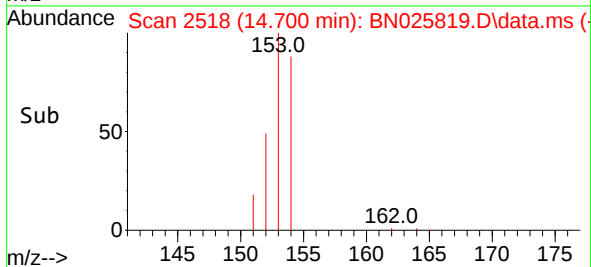
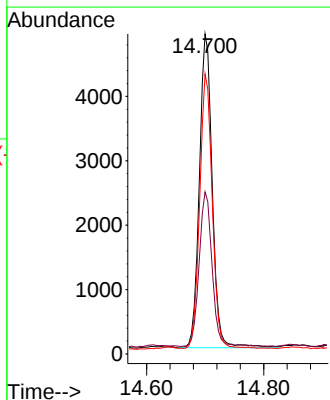
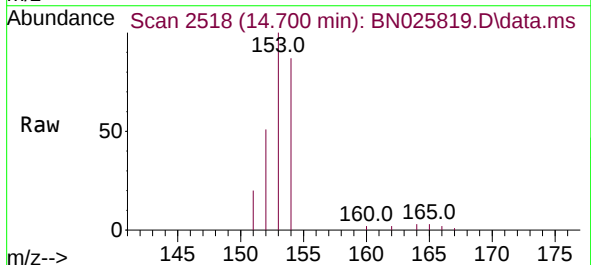
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BNA_N
ClientSampleId :
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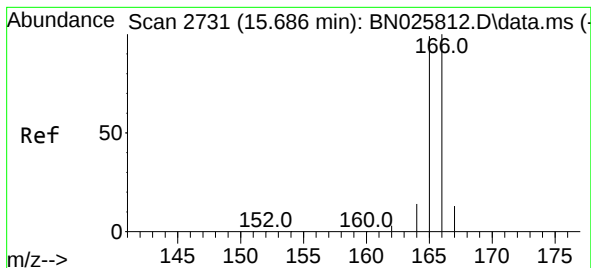
Tgt Ion:152 Resp: 9060
Ion Ratio Lower Upper
152 100
151 21.9 16.0 24.0
153 14.9 10.7 16.1



#11
Acenaphthene
Concen: 0.193 ng/ul
RT: 14.700 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

Tgt Ion:153 Resp: 7493
Ion Ratio Lower Upper
153 100
152 50.7 39.5 59.3
154 87.5 68.8 103.2





#12

Fluorene

Concen: 0.195 ng/ul

RT: 15.685 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN025819.D

Acq: 13 Jun 2023 23:24

Instrument :

BNA_N

ClientSampleId :

EW990MS

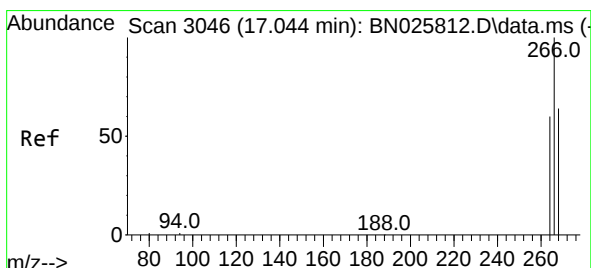
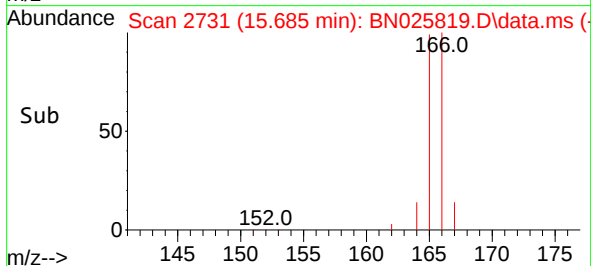
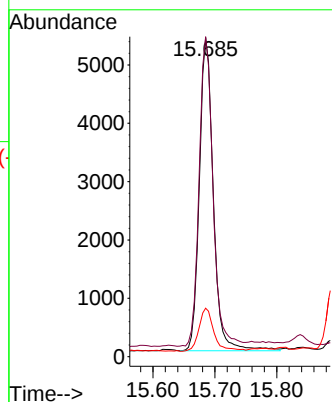
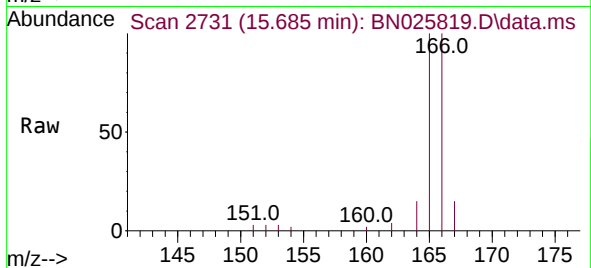
Tgt Ion:166 Resp: 8424

Ion Ratio Lower Upper

166 100

165 100.3 79.2 118.8

167 15.2 11.0 16.6



#14

Pentachlorophenol

Concen: 0.049 ng/ul

RT: 17.039 min Scan# 3045

Delta R.T. -0.017 min

Lab File: BN025819.D

Acq: 13 Jun 2023 23:24

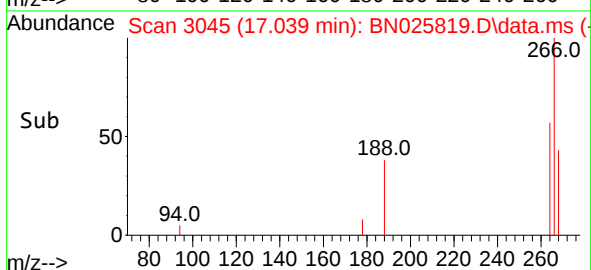
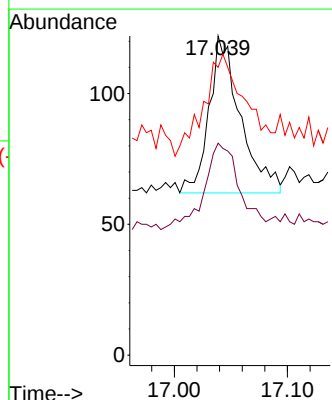
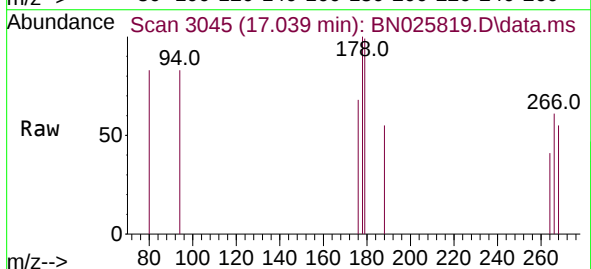
Tgt Ion:266 Resp: 116

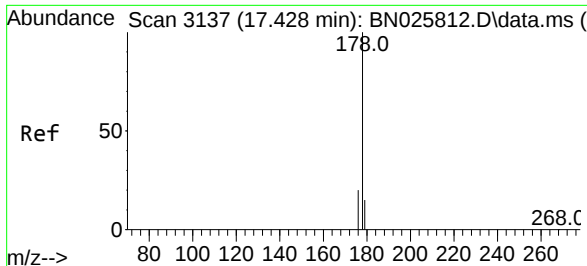
Ion Ratio Lower Upper

266 100

264 62.9 48.2 72.4

268 87.9 48.2 72.4#

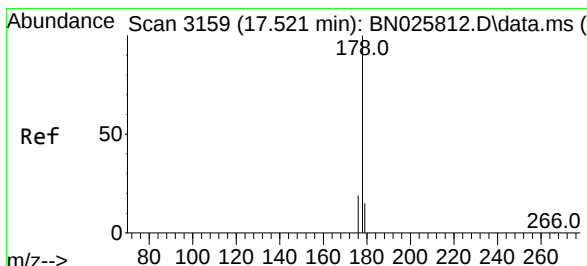
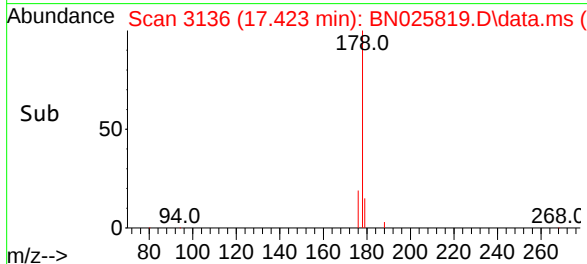
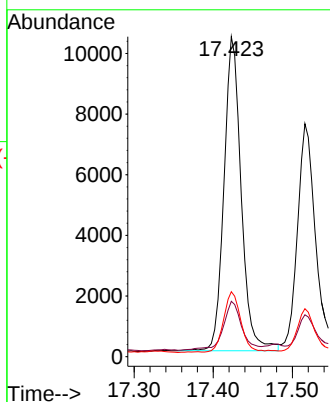
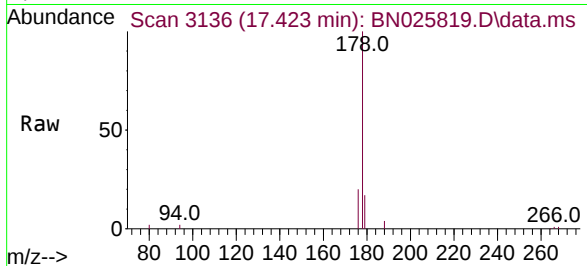




#15
Phenanthrene
Concen: 0.247 ng/ul
RT: 17.423 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

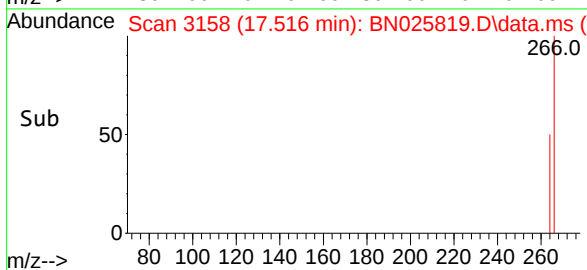
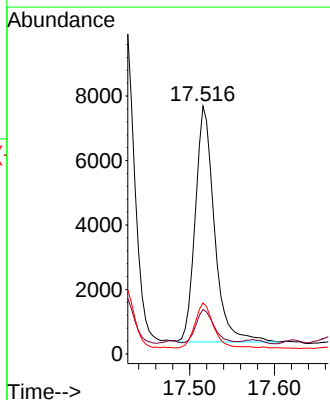
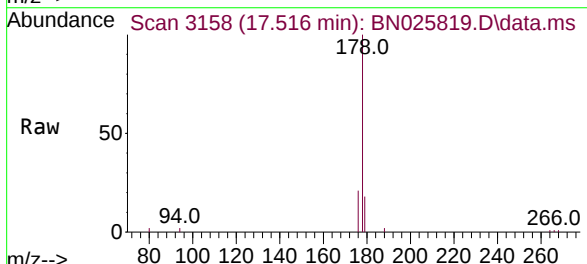
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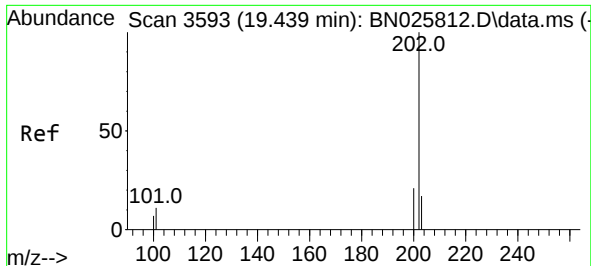
Tgt Ion:178 Resp: 15702
Ion Ratio Lower Upper
178 100
179 17.3 12.6 18.8
176 20.3 15.8 23.8



#16
Anthracene
Concen: 0.214 ng/ul
RT: 17.516 min Scan# 3158
Delta R.T. -0.008 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

Tgt Ion:178 Resp: 11476
Ion Ratio Lower Upper
178 100
179 18.0 12.6 19.0
176 20.6 15.4 23.2

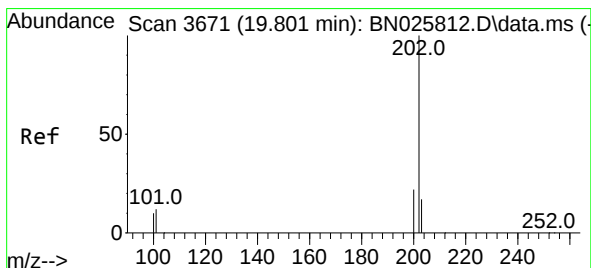
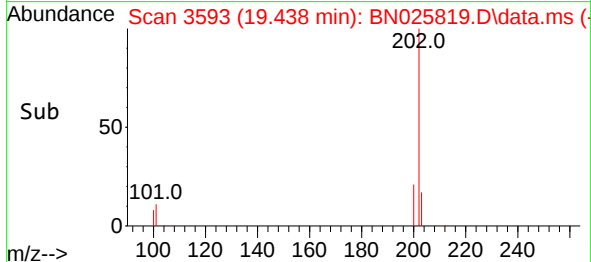
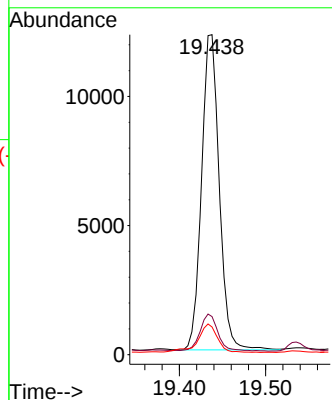
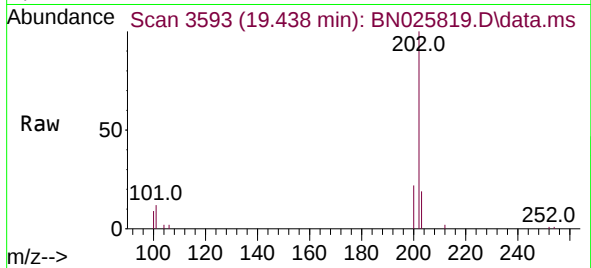




#19
Fluoranthene
Concen: 0.343 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

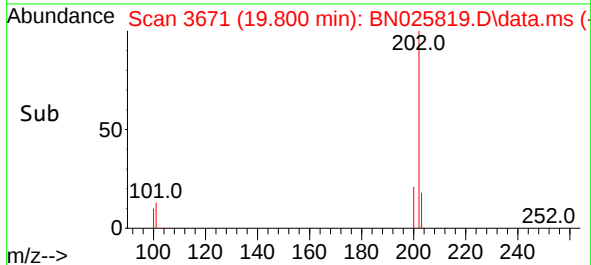
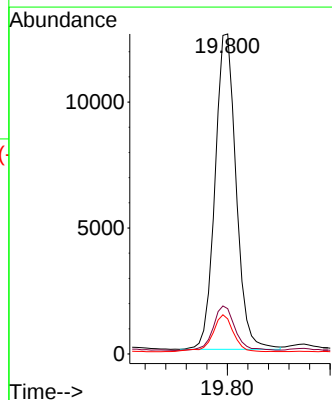
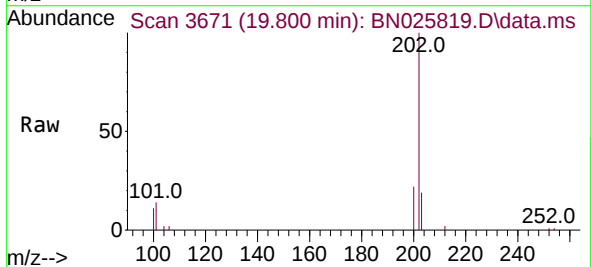
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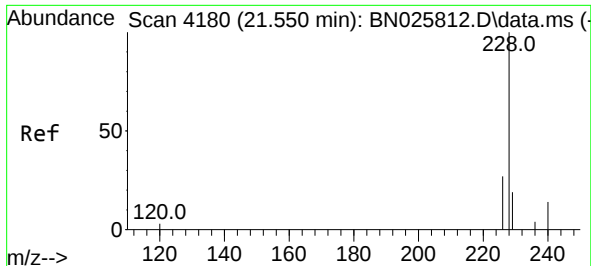
Tgt Ion:202 Resp: 17441
Ion Ratio Lower Upper
202 100
101 11.9 9.1 13.7
100 8.7 7.0 10.6



#20
Pyrene
Concen: 0.339 ng/ul
RT: 19.800 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

Tgt Ion:202 Resp: 17829
Ion Ratio Lower Upper
202 100
101 14.2 10.4 15.6
100 11.0 8.8 13.2

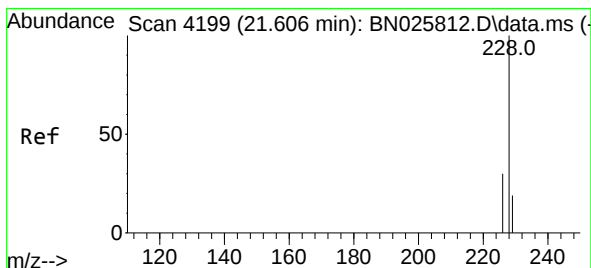
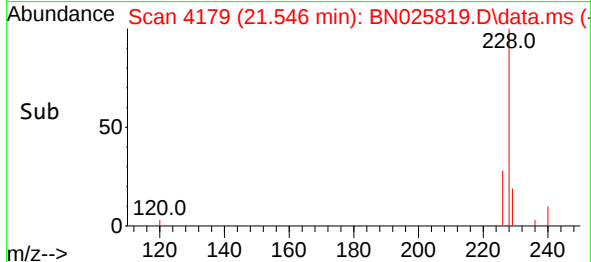
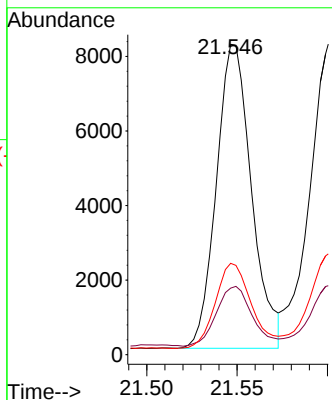
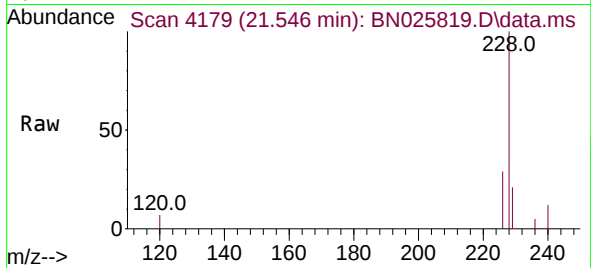




#21
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.546 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

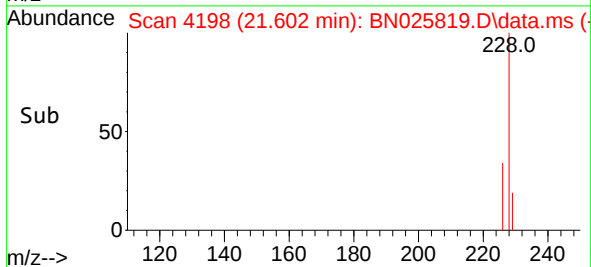
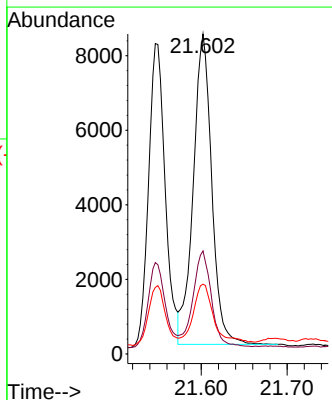
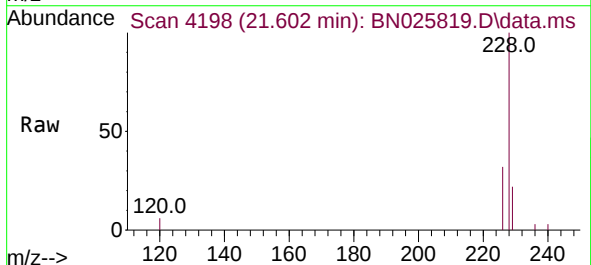
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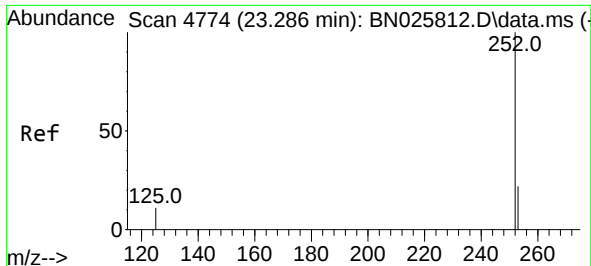
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Ion Ratio Lower Upper
228 100
229 21.4 15.5 23.3
226 29.4 22.0 33.0



#22
Chrysene
Concen: 0.308 ng/ul
RT: 21.602 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

Tgt Ion:228 Resp: 12493
Ion Ratio Lower Upper
228 100
226 32.2 24.7 37.1
229 21.8 15.7 23.5

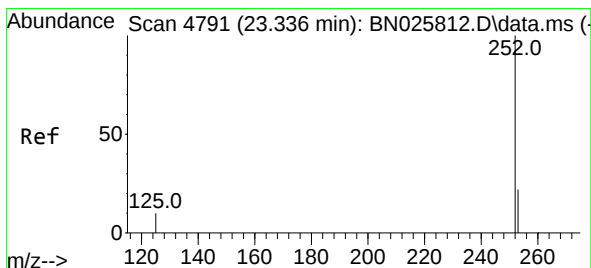
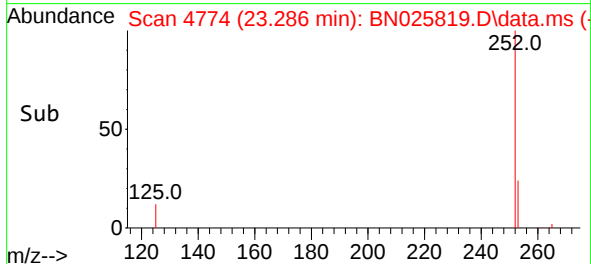
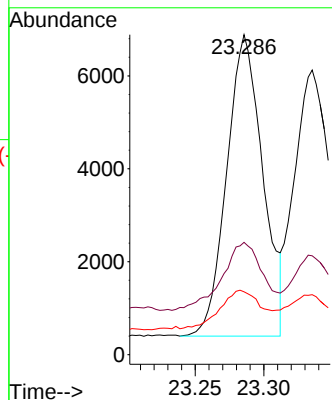
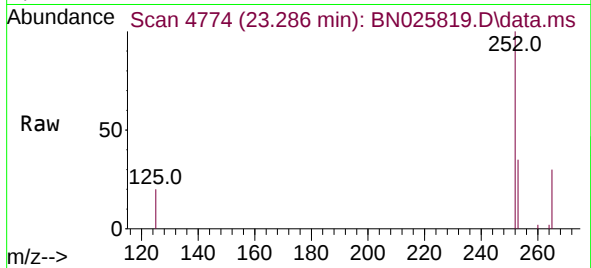




#24
Benzo(b)fluoranthene
Concen: 0.257 ng/ul
RT: 23.286 min Scan# 4774
Delta R.T. -0.005 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

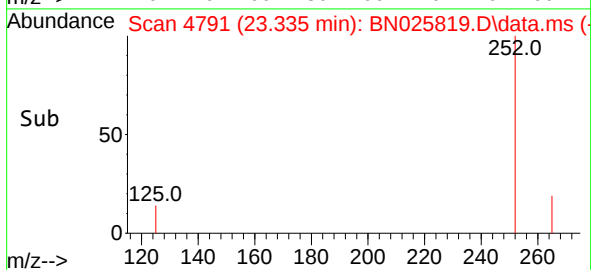
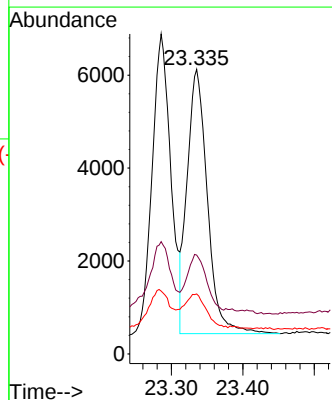
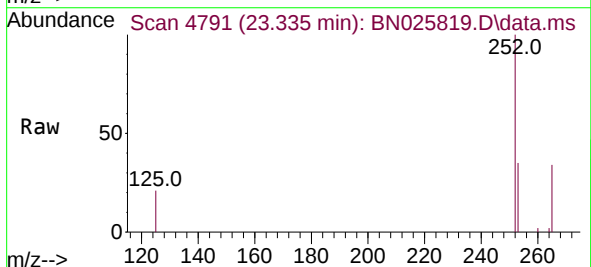
Instrument :
BNA_N
ClientSampleId :
EW990MS

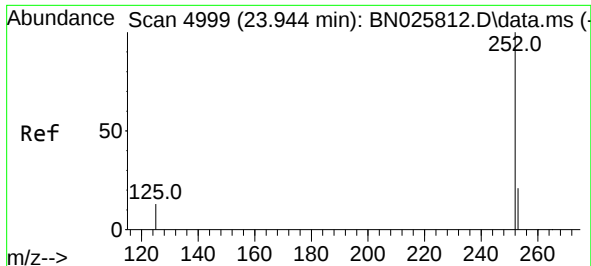
Tgt Ion:252 Resp: 11860
Ion Ratio Lower Upper
252 100
253 35.1 0.0 56.0
125 19.6 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.242 ng/ul
RT: 23.335 min Scan# 4791
Delta R.T. -0.006 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

Tgt Ion:252 Resp: 11199
Ion Ratio Lower Upper
252 100
253 34.7 23.3 34.9
125 21.1 11.6 17.4#

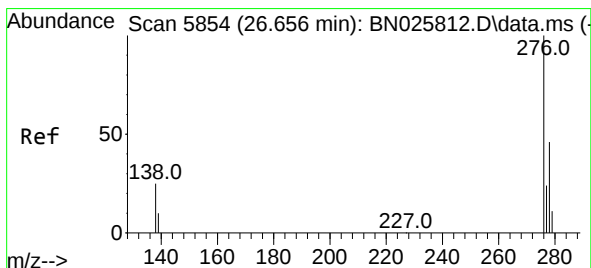
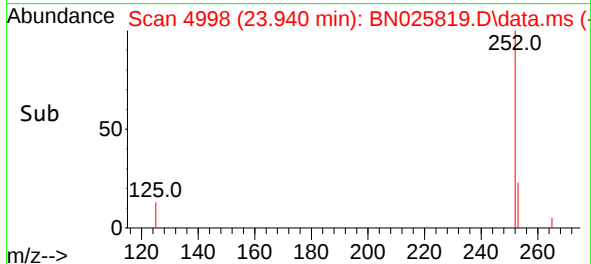
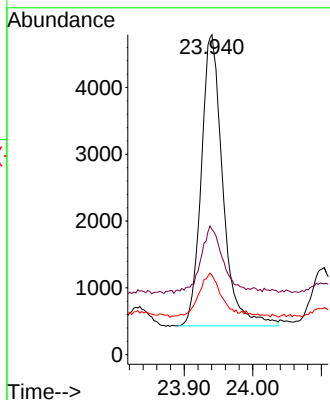
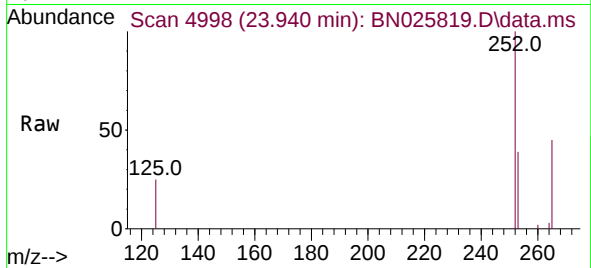




#26
Benzo(a)pyrene
Concen: 0.243 ng/ul
RT: 23.940 min Scan# 4999
Delta R.T. -0.003 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

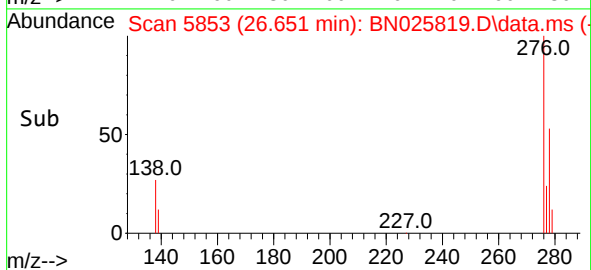
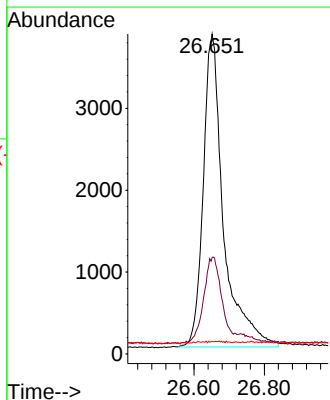
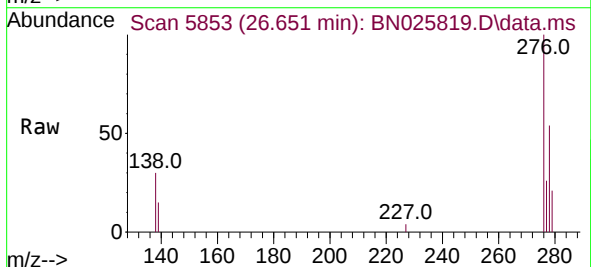
Instrument :
BNA_N
ClientSampleId :
EW990MS

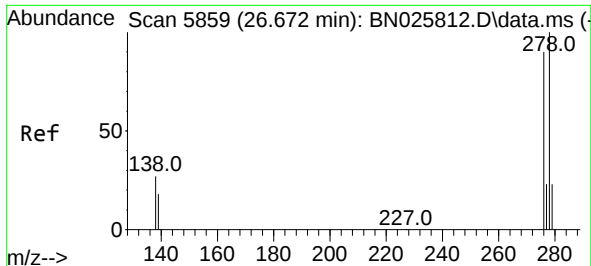
Tgt Ion:252 Resp: 9526
Ion Ratio Lower Upper
252 100
253 39.1 25.8 38.8#
125 24.9 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/ul
RT: 26.651 min Scan# 5853
Delta R.T. -0.007 min
Lab File: BN025819.D
Acq: 13 Jun 2023 23:24

Tgt Ion:276 Resp: 15268
Ion Ratio Lower Upper
276 100
138 26.0 24.6 36.8
227 0.0 0.0 0.0

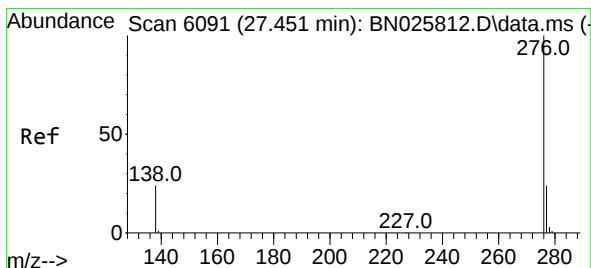
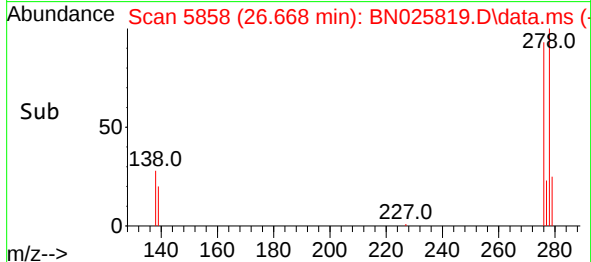
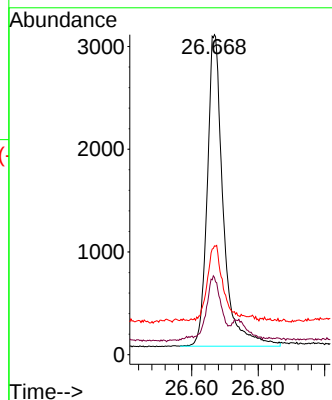
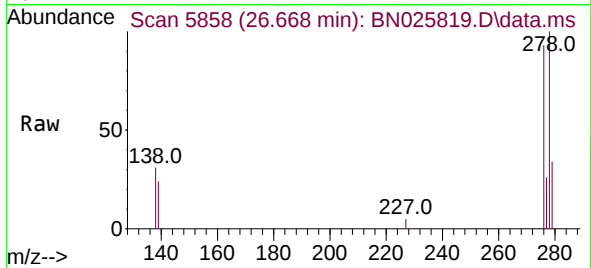




#28
 Dibenzo(a,h)anthracene
 Concen: 0.298 ng/ul
 RT: 26.668 min Scan# 5859
 Delta R.T. -0.017 min
 Lab File: BN025819.D
 Acq: 13 Jun 2023 23:24

Instrument :
 BNA_N
 ClientSampleId :
 EW990MS

Tgt Ion:278 Resp: 10090
 Ion Ratio Lower Upper
 278 100
 139 24.1 17.9 26.9
 279 34.0 25.3 37.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.253 ng/ul
 RT: 27.450 min Scan# 6091
 Delta R.T. 0.001 min
 Lab File: BN025819.D
 Acq: 13 Jun 2023 23:24

Tgt Ion:276 Resp: 10148
 Ion Ratio Lower Upper
 276 100
 138 30.9 21.8 32.8
 277 26.2 19.4 29.2

