

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025167.D
 Acq On : 27 Apr 2023 08:50
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4282

Quant Time: Apr 28 01:19:17 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

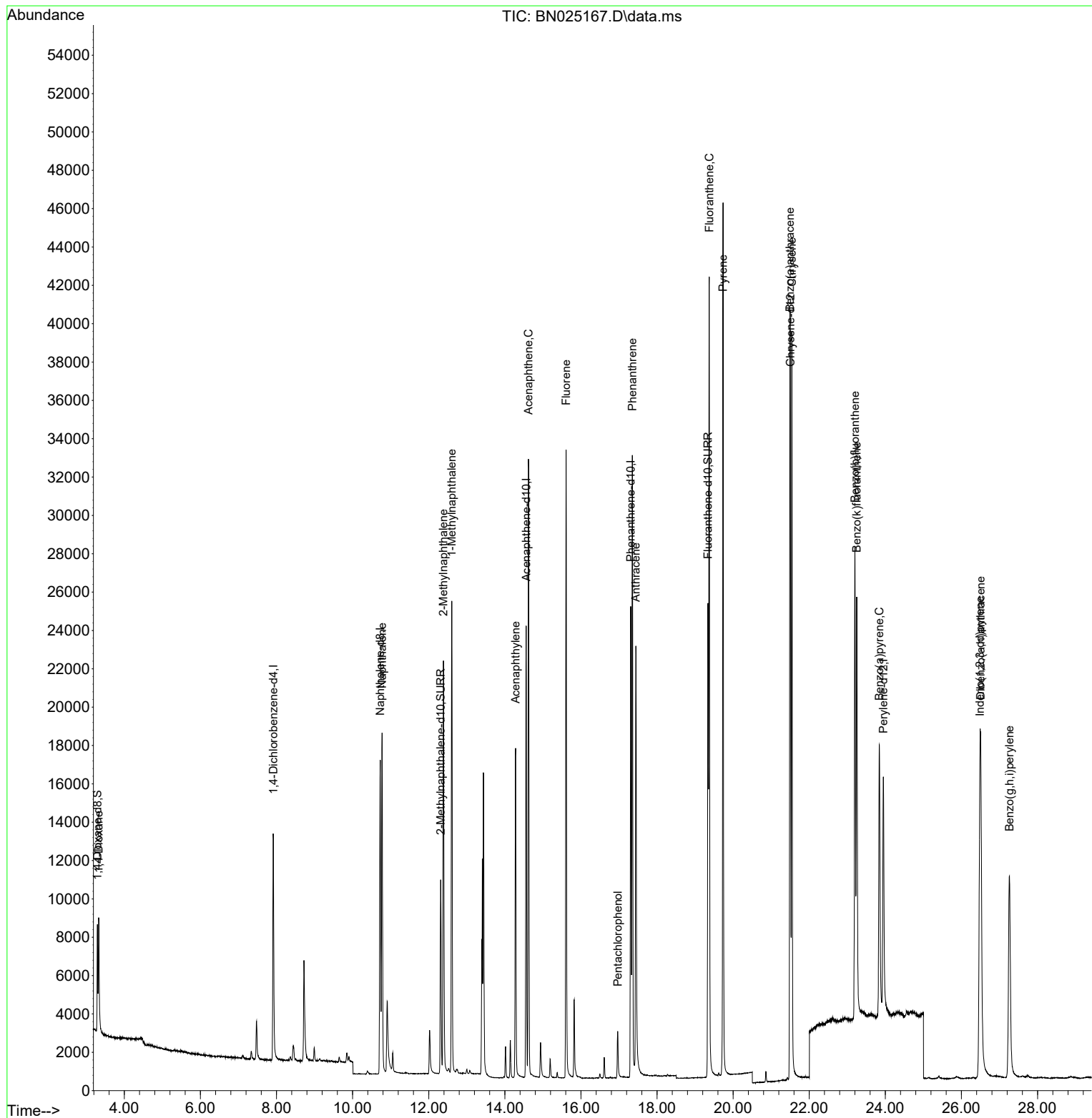
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	6972	0.400	ng/ul	0.00
4) Naphthalene-d8	10.725	136	22154	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.560	164	12994	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	28550	0.400	ng/ul	0.00
17) Chrysene-d12	21.504	240	22201	0.400	ng/ul	0.00
23) Perylene-d12	23.945	264	17902	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	3462	0.480	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.314	152	13357	0.470	ng/ul	0.00
18) Fluoranthene-d10	19.339	212	27760	0.474	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.326	88	3623	0.466	ng/ul	94
5) Naphthalene	10.774	128	25388	0.447	ng/ul	100
7) 2-Methylnaphthalene	12.385	142	16201	0.466	ng/ul	99
8) 1-Methylnaphthalene	12.605	142	17091	0.461	ng/ul	100
10) Acenaphthylene	14.283	152	21207	0.438	ng/ul	99
11) Acenaphthene	14.620	153	18841	0.462	ng/ul	99
12) Fluorene	15.610	166	21200	0.465	ng/ul	100
14) Pentachlorophenol	16.966	266	1951	0.348	ng/ul	99
15) Phenanthrene	17.350	178	35051	0.435	ng/ul	100
16) Anthracene	17.443	178	28485	0.432	ng/ul	100
19) Fluoranthene	19.372	202	37820	0.471	ng/ul	99
20) Pyrene	19.734	202	38217	0.463	ng/ul	99
21) Benzo(a)anthracene	21.490	228	31205	0.466	ng/ul	99
22) Chrysene	21.542	228	34321	0.470	ng/ul	99
24) Benzo(b)fluoranthene	23.200	252	31558	0.435	ng/ul	98
25) Benzo(k)fluoranthene	23.246	252	31671	0.453	ng/ul	99
26) Benzo(a)pyrene	23.843	252	25009	0.416	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.483	276	29454	0.425	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.506	278	23370	0.432	ng/ul	98
29) Benzo(g,h,i)perylene	27.261	276	25535	0.434	ng/ul	99

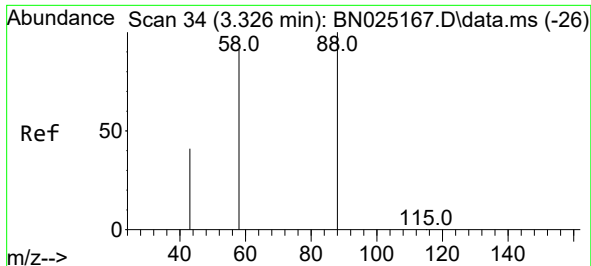
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN025167.D
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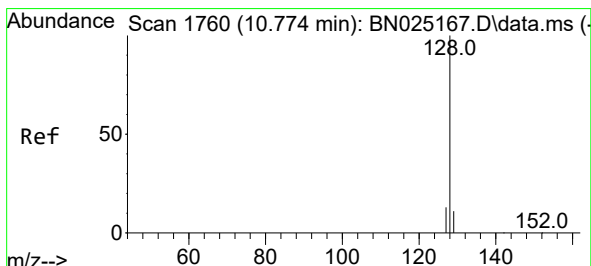
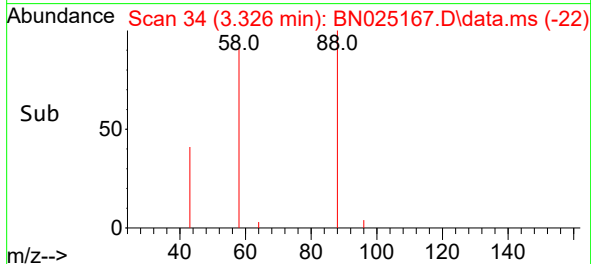
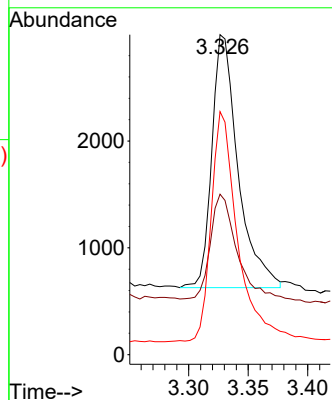
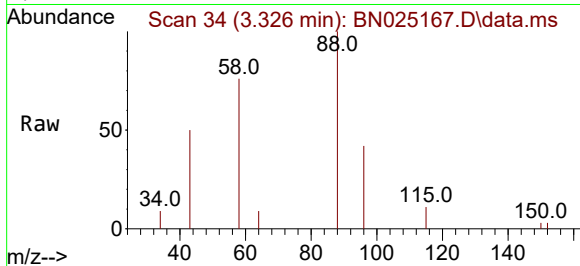




#2
1,4-Dioxane
Concen: 0.466 ng/ul
RT: 3.326 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

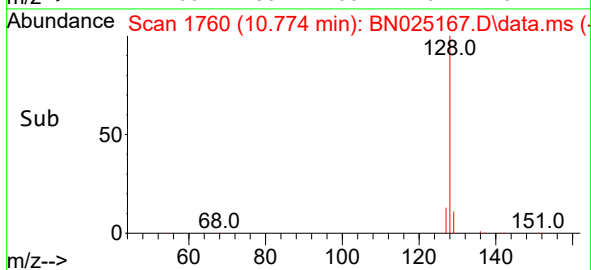
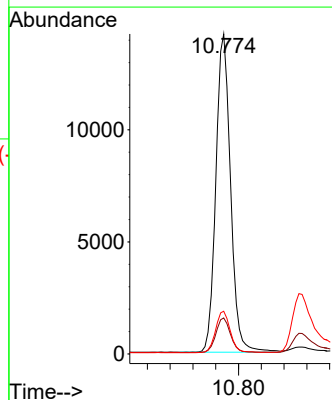
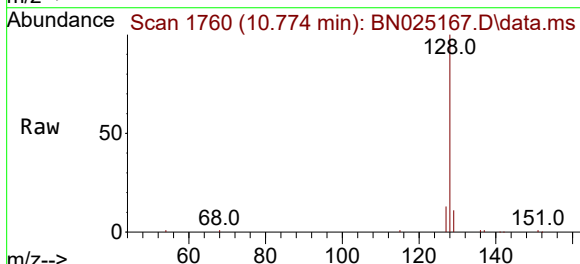
Instrument :
BNA_N
ClientSampleId :
SSTD0.4282

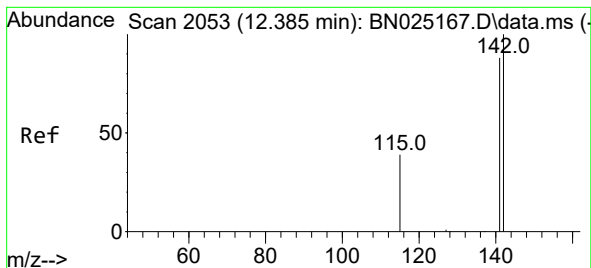
Tgt Ion: 88 Resp: 3623
Ion Ratio Lower Upper
88 100
43 50.1 37.0 55.4
58 75.9 56.9 85.3



#5
Naphthalene
Concen: 0.447 ng/ul
RT: 10.774 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

Tgt Ion: 128 Resp: 25388
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.7 16.1

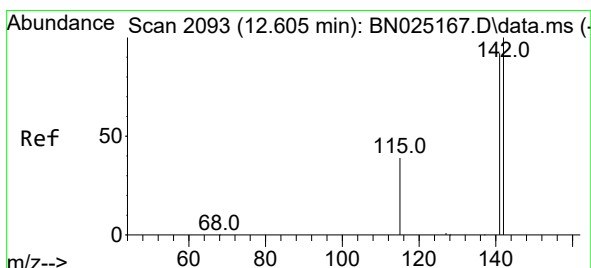
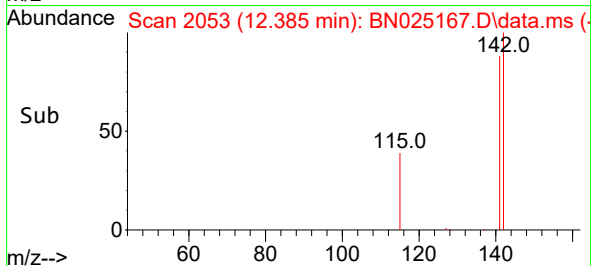
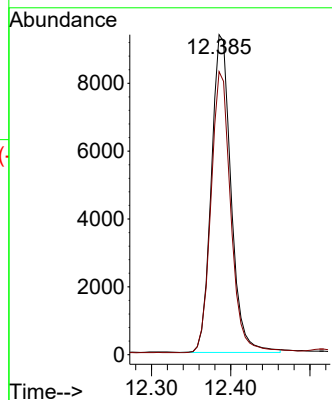
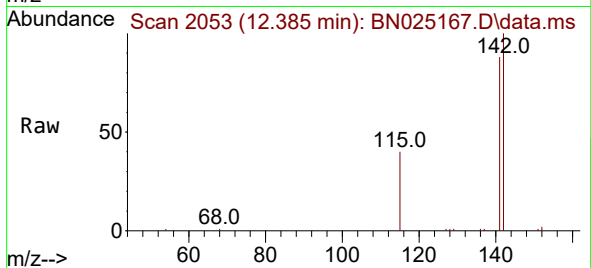




#7
2-Methylnaphthalene
Concen: 0.466 ng/ul
RT: 12.385 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

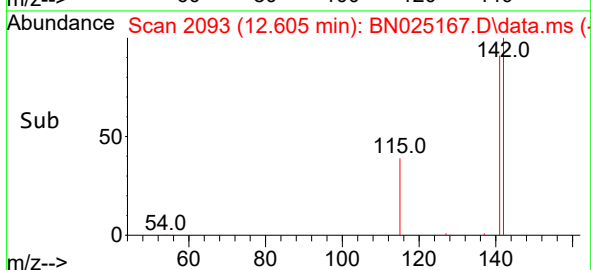
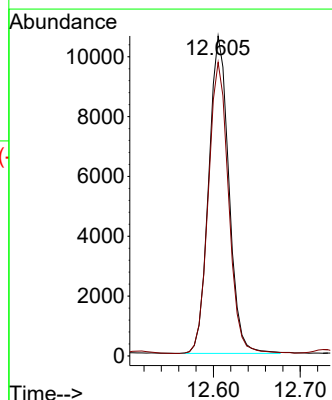
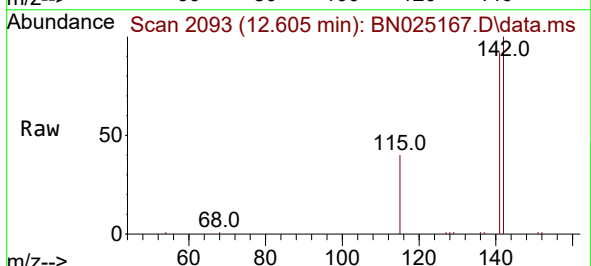
Instrument :
BNA_N
ClientSampleId :
SSTD0.4282

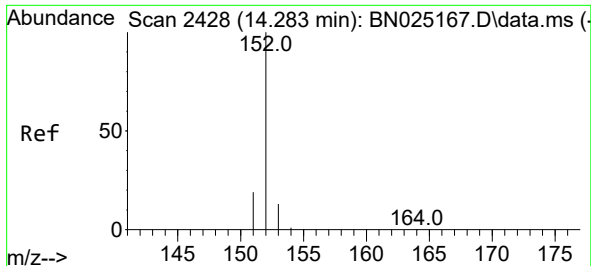
Tgt Ion:142 Resp: 16201
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.461 ng/ul
RT: 12.605 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

Tgt Ion:142 Resp: 17091
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6

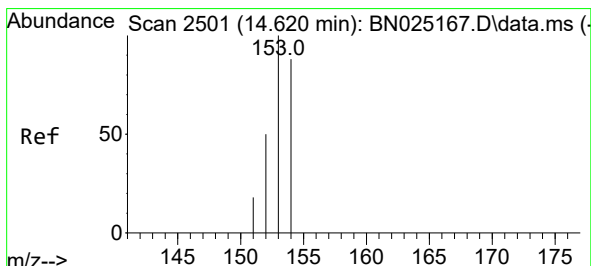
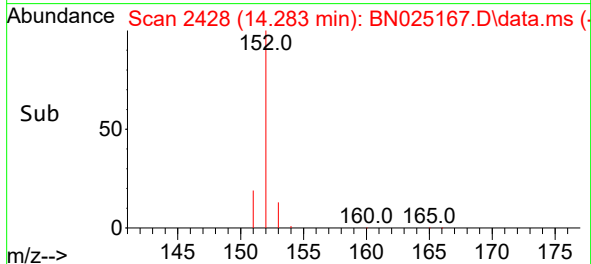
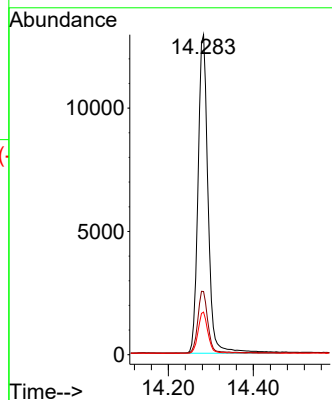
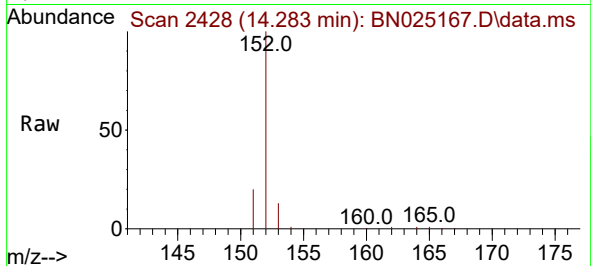




#10
Acenaphthylene
Concen: 0.438 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

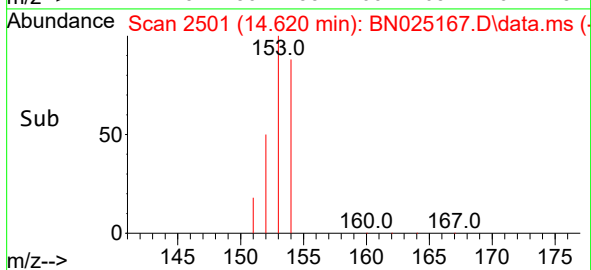
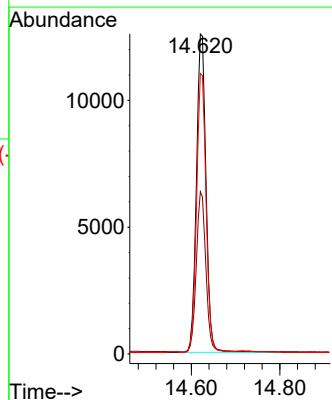
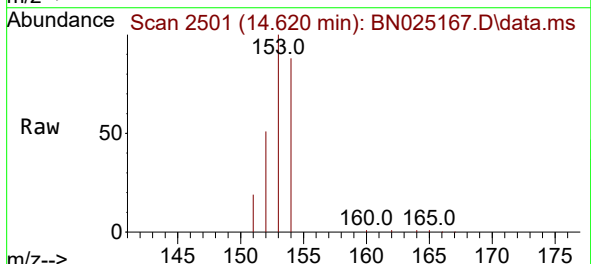
Instrument :
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ClientSampleId :
SSTD0.4282

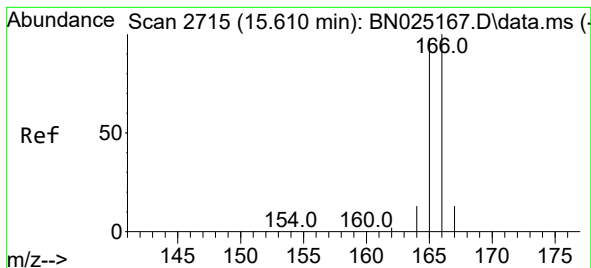
Tgt Ion:152 Resp: 21207
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.3 10.8 16.2



#11
Acenaphthene
Concen: 0.462 ng/ul
RT: 14.620 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

Tgt Ion:153 Resp: 18841
Ion Ratio Lower Upper
153 100
152 50.7 40.2 60.4
154 87.6 69.4 104.2





#12

Fluorene

Concen: 0.465 ng/ul

RT: 15.610 min Scan# 2715

Delta R.T. 0.000 min

Lab File: BN025167.D

Acq: 27 Apr 2023 08:50

Instrument :

BNA_N

ClientSampleId :

SSTD0.4282

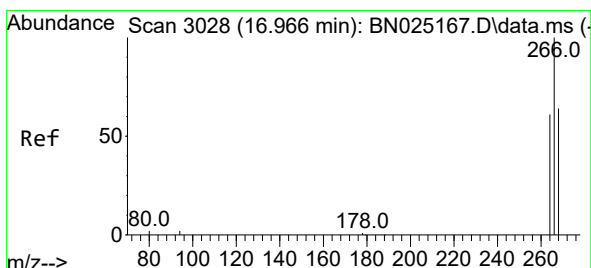
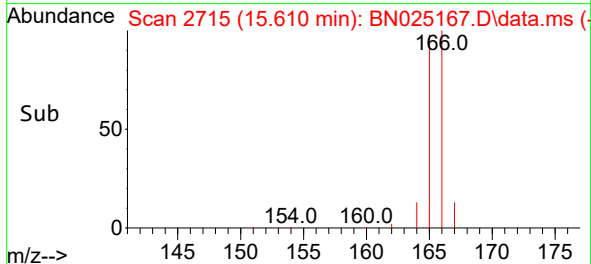
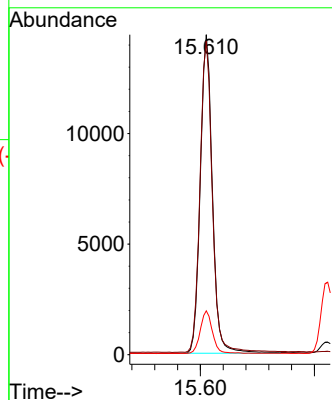
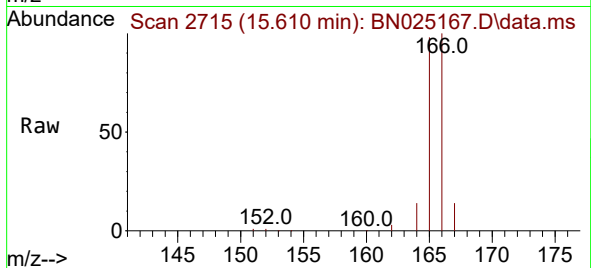
Tgt Ion:166 Resp: 21200

Ion Ratio Lower Upper

166 100

165 98.1 78.1 117.1

167 13.7 11.0 16.6



#14

Pentachlorophenol

Concen: 0.348 ng/ul

RT: 16.966 min Scan# 3028

Delta R.T. 0.000 min

Lab File: BN025167.D

Acq: 27 Apr 2023 08:50

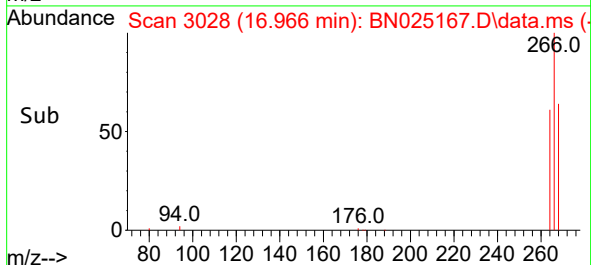
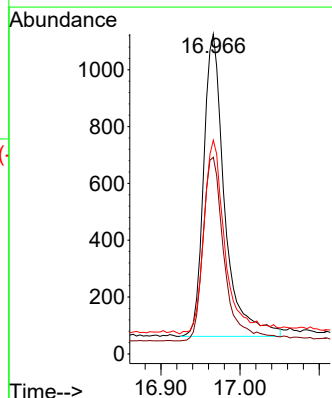
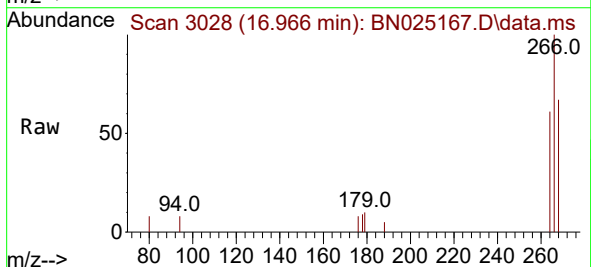
Tgt Ion:266 Resp: 1951

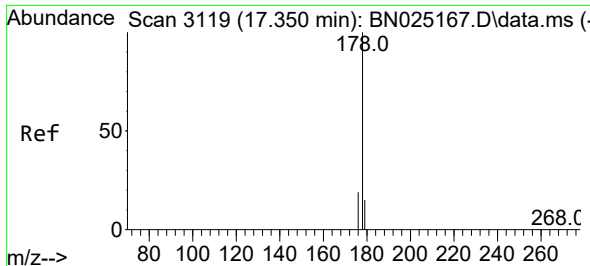
Ion Ratio Lower Upper

266 100

264 61.9 49.6 74.4

268 65.8 51.3 76.9

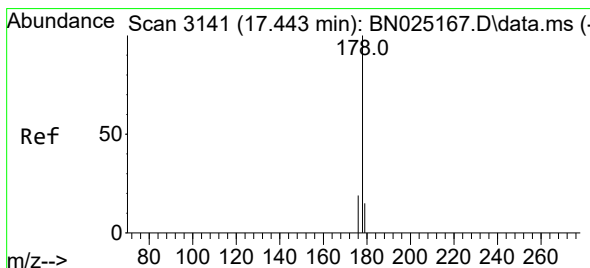
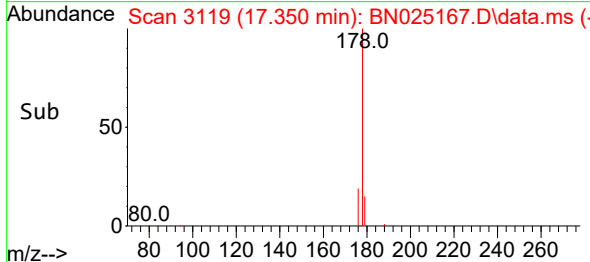
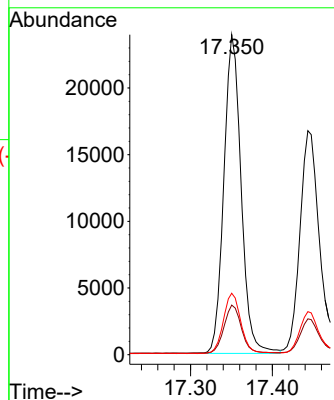
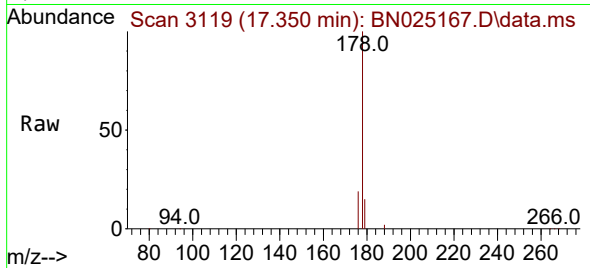




#15
Phenanthrene
Concen: 0.435 ng/ul
RT: 17.350 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

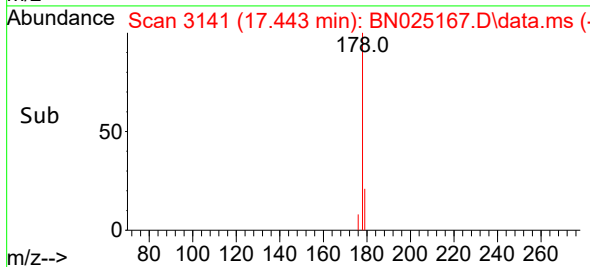
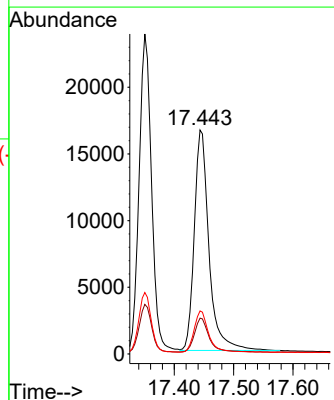
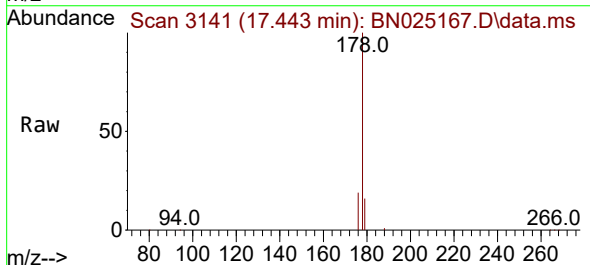
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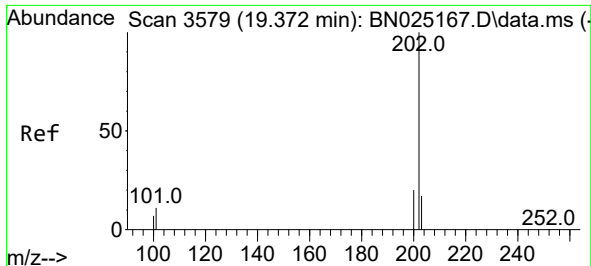
Tgt Ion:178 Resp: 35051
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.2 15.6 23.4



#16
Anthracene
Concen: 0.432 ng/ul
RT: 17.443 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

Tgt Ion:178 Resp: 28485
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.2 15.3 22.9

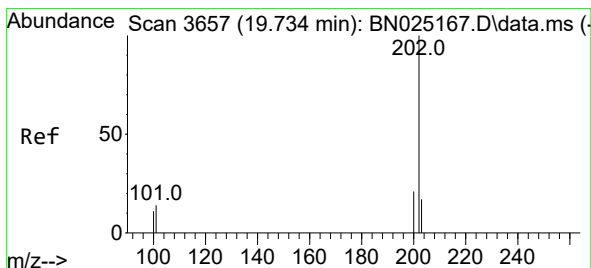
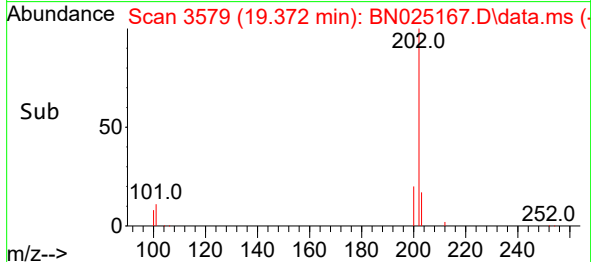
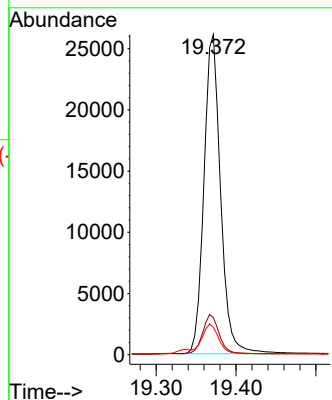
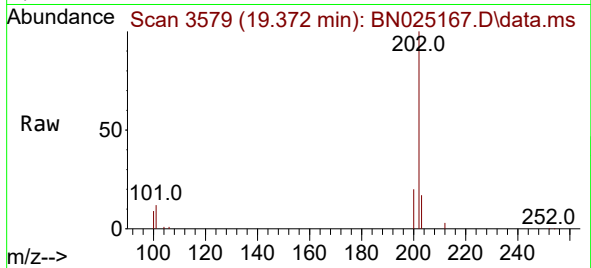




#19
Fluoranthene
Concen: 0.471 ng/ul
RT: 19.372 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

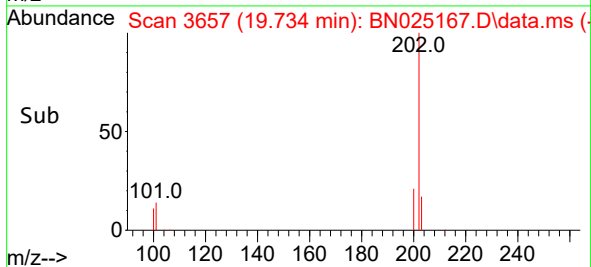
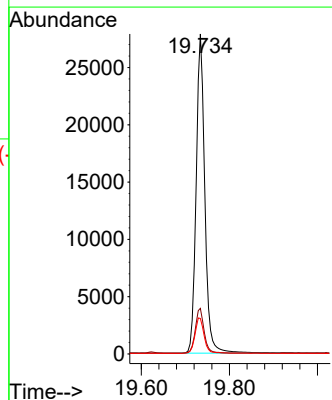
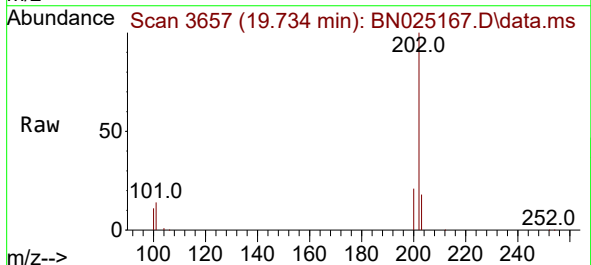
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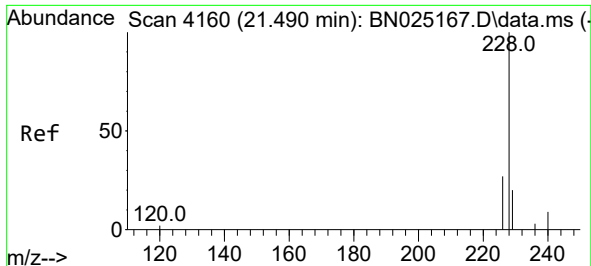
Tgt Ion:202 Resp: 37820
Ion Ratio Lower Upper
202 100
101 11.6 9.7 14.5
100 8.6 7.3 10.9



#20
Pyrene
Concen: 0.463 ng/ul
RT: 19.734 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

Tgt Ion:202 Resp: 38217
Ion Ratio Lower Upper
202 100
101 14.3 11.3 16.9
100 11.1 9.2 13.8

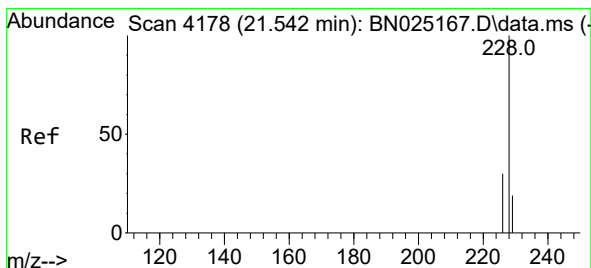
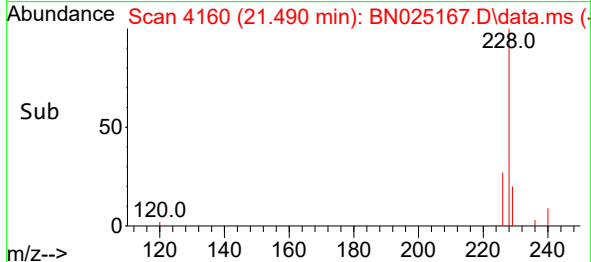
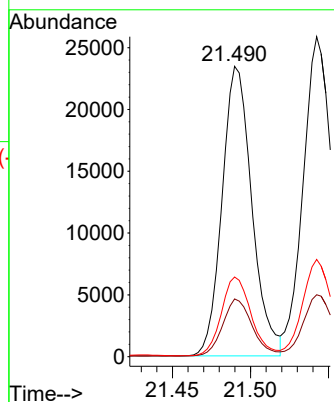
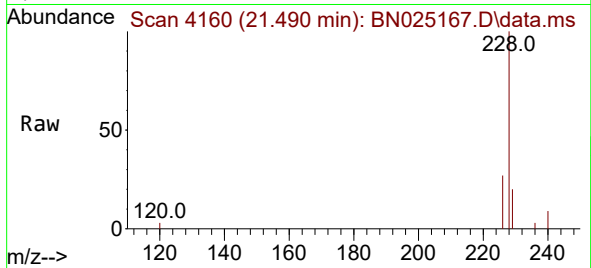




#21
Benzo(a)anthracene
Concen: 0.466 ng/ul
RT: 21.490 min Scan# 4160
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

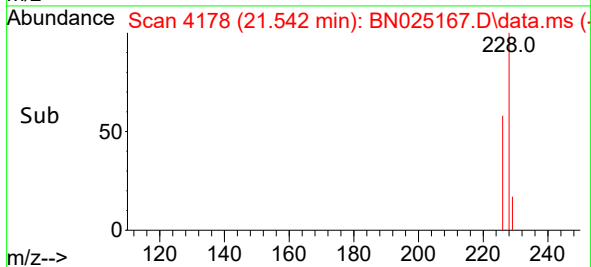
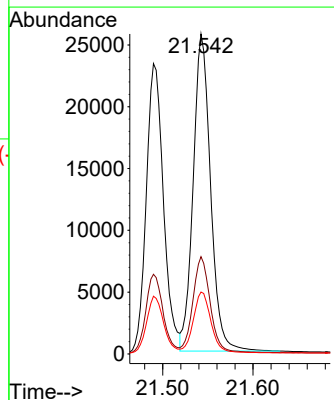
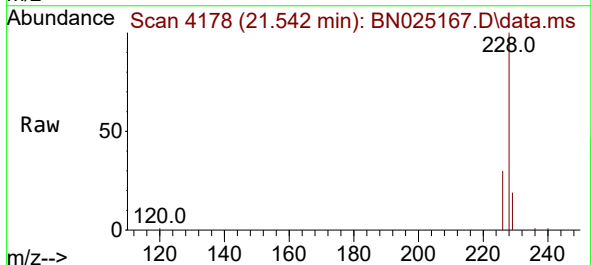
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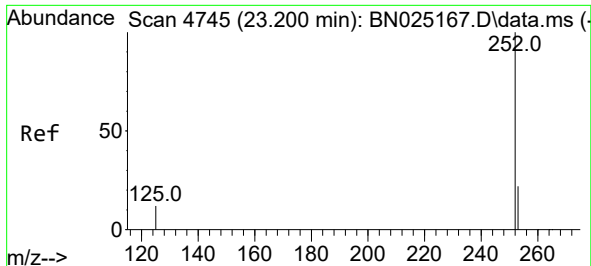
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Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.470 ng/ul
RT: 21.542 min Scan# 4178
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

Tgt Ion:228 Resp: 34321
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 19.3 15.8 23.6

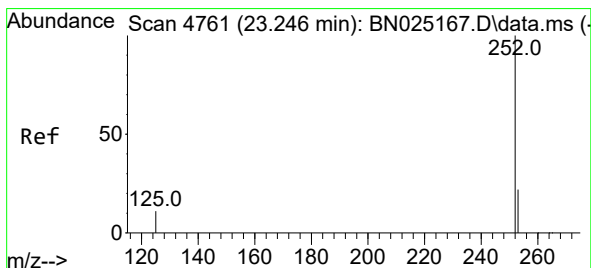
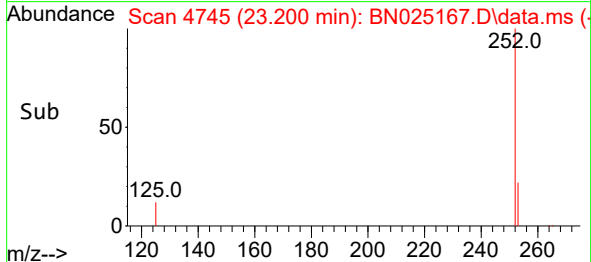
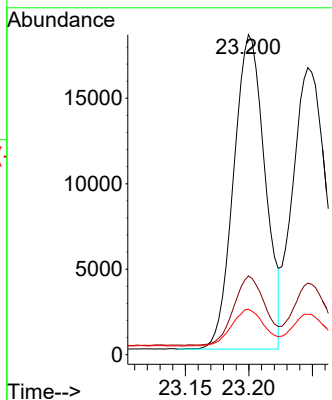
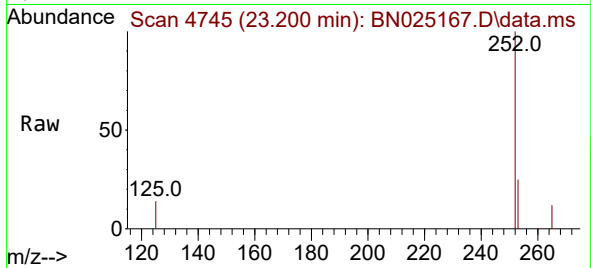




#24
Benzo(b)fluoranthene
Concen: 0.435 ng/ul
RT: 23.200 min Scan# 4745
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

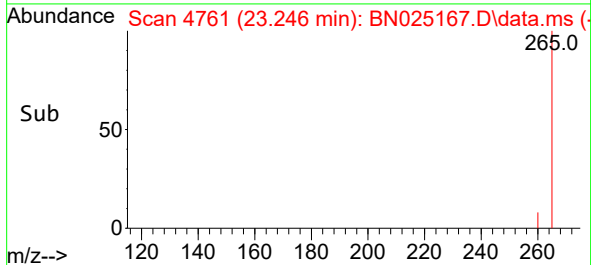
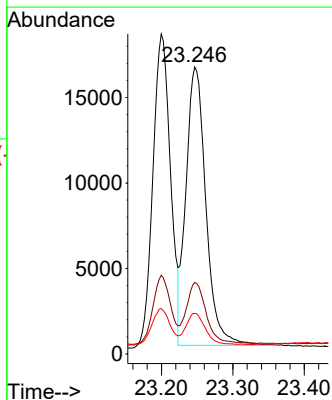
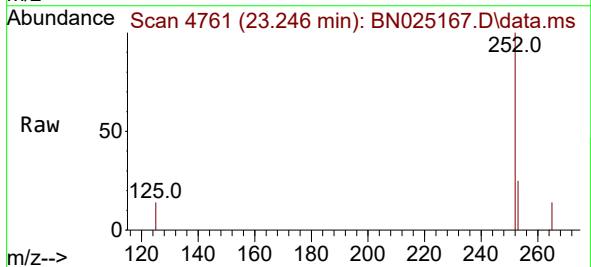
Instrument :
BNA_N
ClientSampleId :
SSTD0.4282

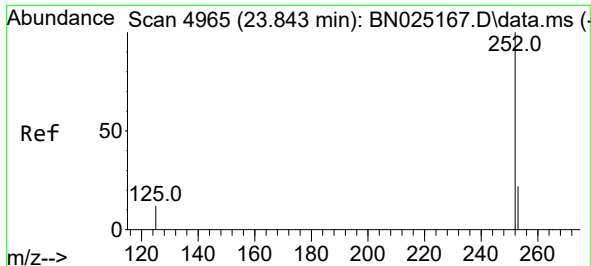
Tgt Ion:252 Resp: 31558
Ion Ratio Lower Upper
252 100
253 24.6 0.0 50.2
125 14.2 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.453 ng/ul
RT: 23.246 min Scan# 4761
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

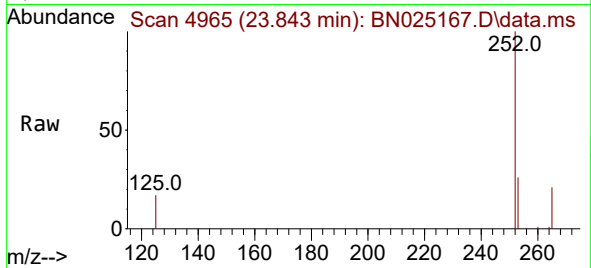
Tgt Ion:252 Resp: 31671
Ion Ratio Lower Upper
252 100
253 24.9 20.2 30.4
125 14.1 11.8 17.8



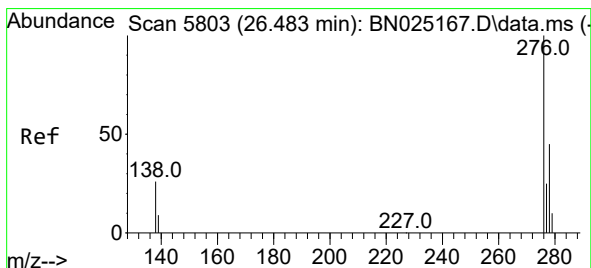
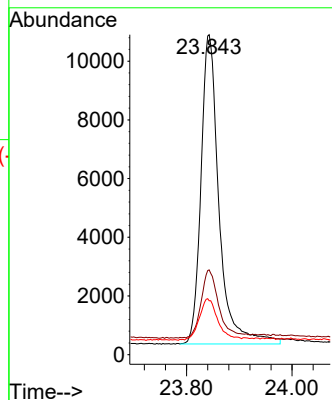
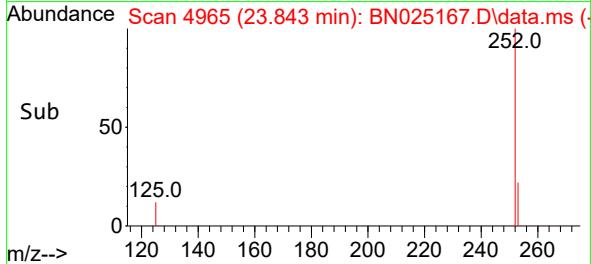


#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.843 min Scan# 4965
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4282

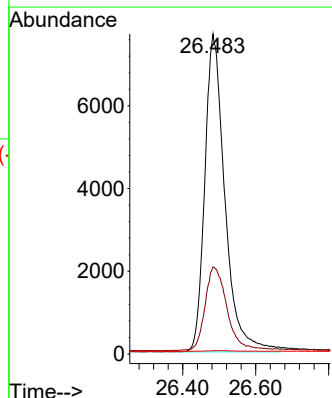
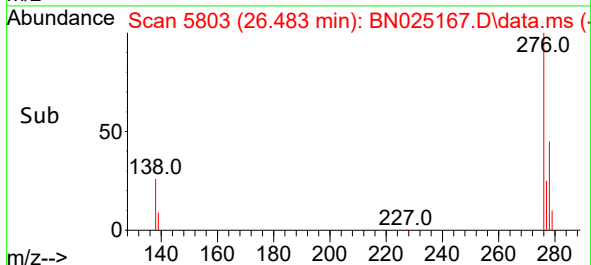
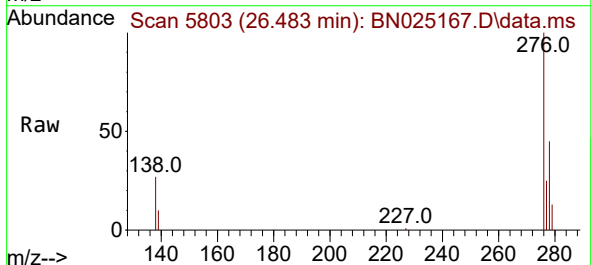


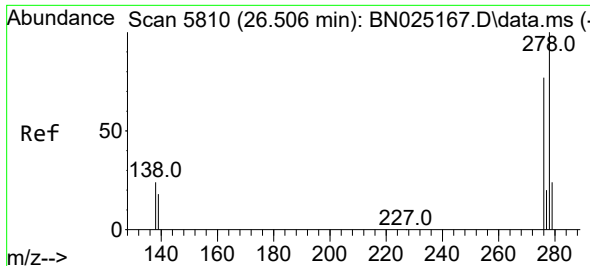
Tgt Ion:252 Resp: 25009
Ion Ratio Lower Upper
252 100
253 26.5 21.4 32.2
125 16.8 14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng/ul
RT: 26.483 min Scan# 5803
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

Tgt Ion:276 Resp: 29454
Ion Ratio Lower Upper
276 100
138 29.2 21.9 32.9
227 0.2 0.1 0.1#

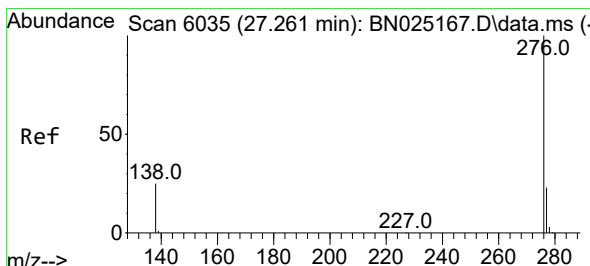
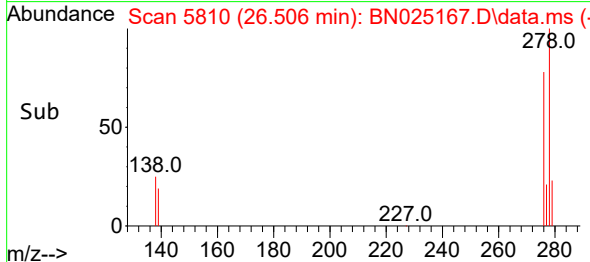
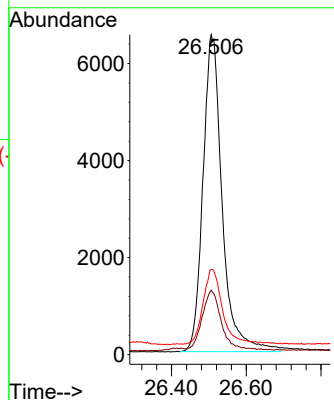
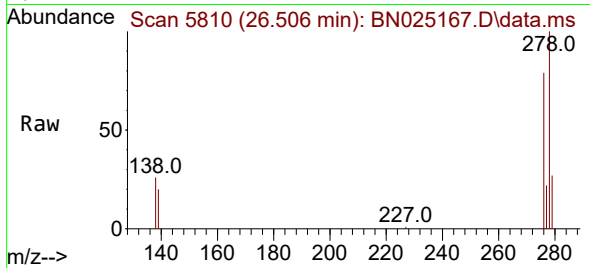




#28
Dibenzo(a,h)anthracene
Concen: 0.432 ng/ul
RT: 26.506 min Scan# 5810
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4282

Tgt Ion:278 Resp: 23370
Ion Ratio Lower Upper
278 100
139 20.2 17.0 25.6
279 26.7 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.434 ng/ul
RT: 27.261 min Scan# 6035
Delta R.T. 0.000 min
Lab File: BN025167.D
Acq: 27 Apr 2023 08:50

Tgt Ion:276 Resp: 25535
Ion Ratio Lower Upper
276 100
138 25.7 20.3 30.5
277 24.0 19.8 29.6

