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 Data File : BN025148.D
 Acq On : 26 Apr 2023 16:18
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4280

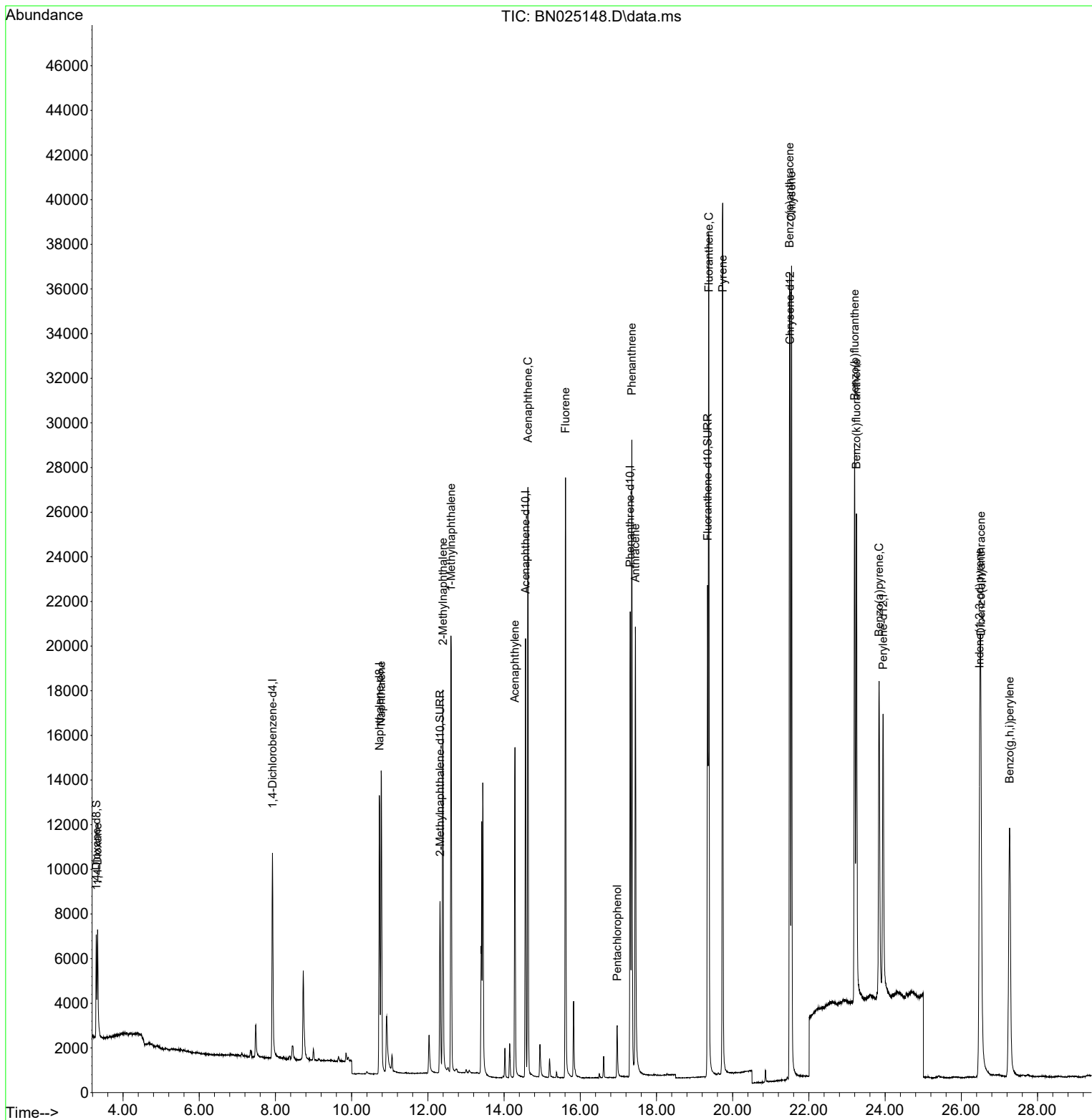
Quant Time: Apr 27 00:14:07 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 26 15:32:47 2023
 Response via : Initial Calibration

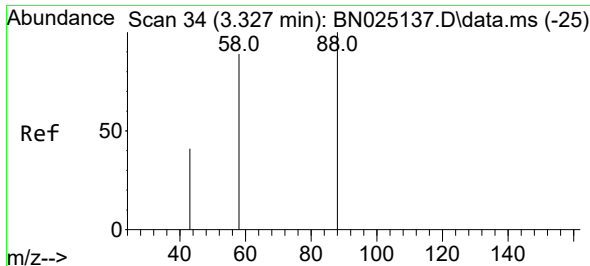
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	5685	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	17221	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	10750	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	24654	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	20788	0.400	ng/ul	0.00
23) Perylene-d12	23.947	264	17841	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2949	0.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	10731	0.485	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	24948	0.455	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	3025	0.477	ng/ul	89
5) Naphthalene	10.776	128	19718	0.447	ng/ul	99
7) 2-Methylnaphthalene	12.392	142	13046	0.483	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	13999	0.486	ng/ul	99
10) Acenaphthylene	14.284	152	17648	0.441	ng/ul	100
11) Acenaphthene	14.627	153	15554	0.461	ng/ul	99
12) Fluorene	15.612	166	17776	0.471	ng/ul	99
14) Pentachlorophenol	16.968	266	1816	0.375	ng/ul	100
15) Phenanthrene	17.352	178	30268	0.435	ng/ul	99
16) Anthracene	17.445	178	24969	0.439	ng/ul	100
19) Fluoranthene	19.374	202	34133	0.454	ng/ul	98
20) Pyrene	19.736	202	34656	0.449	ng/ul	99
21) Benzo(a)anthracene	21.492	228	28795	0.460	ng/ul	100
22) Chrysene	21.544	228	32639	0.478	ng/ul	99
24) Benzo(b)fluoranthene	23.199	252	31947	0.441	ng/ul	99
25) Benzo(k)fluoranthene	23.245	252	30638	0.440	ng/ul	99
26) Benzo(a)pyrene	23.842	252	24841	0.415	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.481	276	30614	0.444	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.511	278	24519	0.455	ng/ul	98
29) Benzo(g,h,i)perylene	27.266	276	26757	0.456	ng/ul	99

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

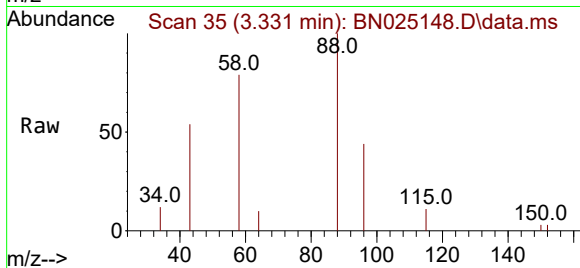
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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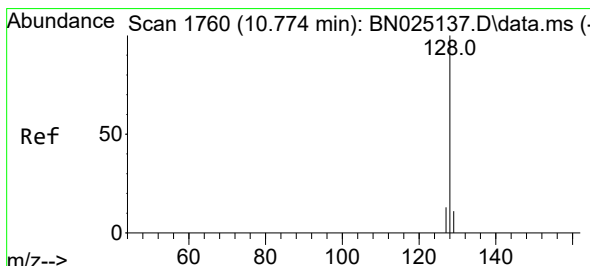
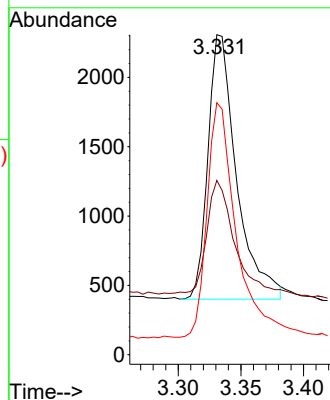
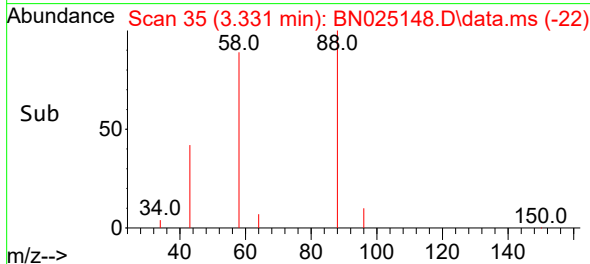


#2
1,4-Dioxane
Concen: 0.477 ng/ul
RT: 3.331 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

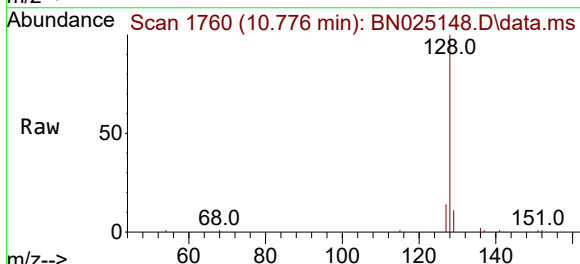
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SSTD0.4280



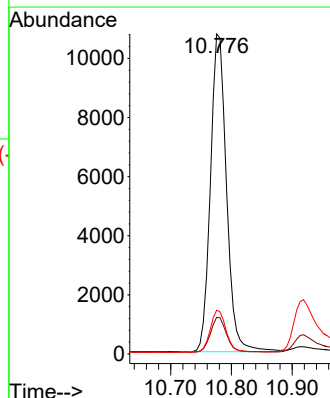
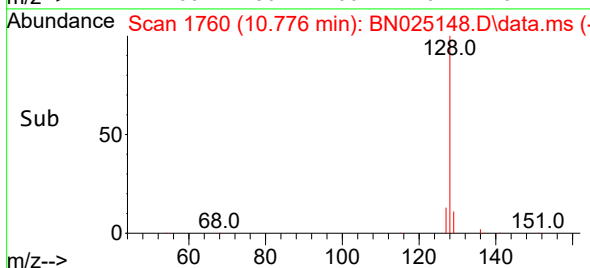
Tgt Ion: 88 Resp: 3025
Ion Ratio Lower Upper
88 100
43 54.5 37.0 55.4
58 78.8 56.9 85.3

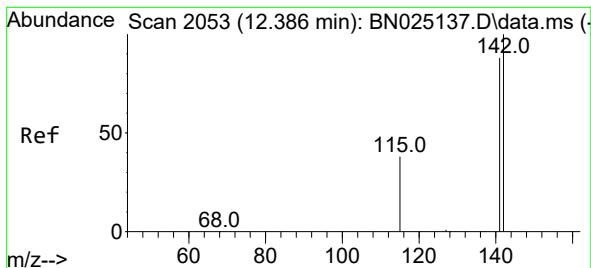


#5
Naphthalene
Concen: 0.447 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.001 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18



Tgt Ion: 128 Resp: 19718
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.7 10.7 16.1

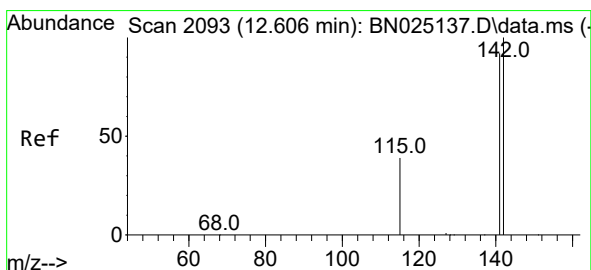
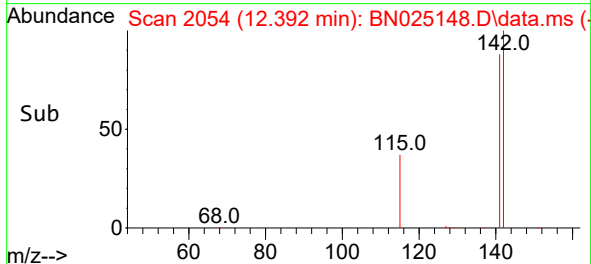
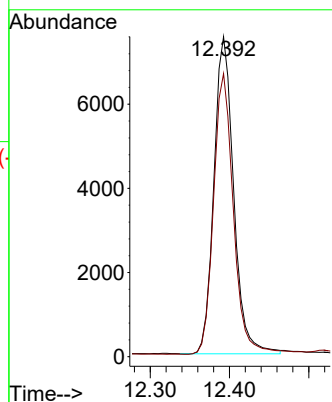
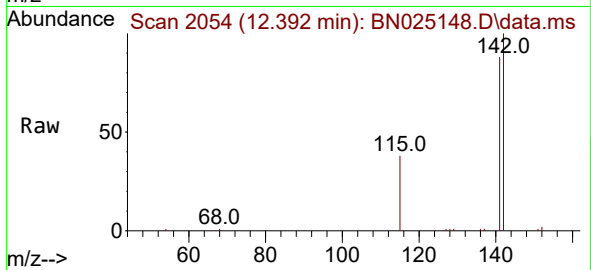




#7
2-Methylnaphthalene
Concen: 0.483 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. 0.007 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

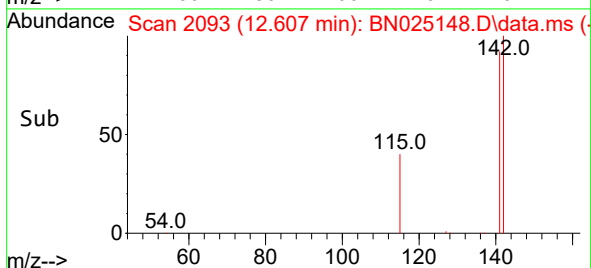
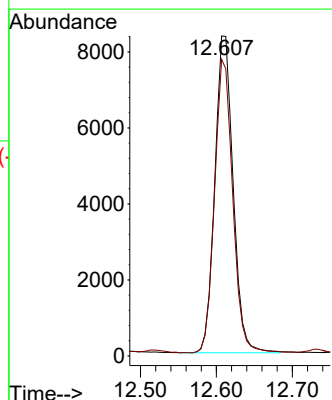
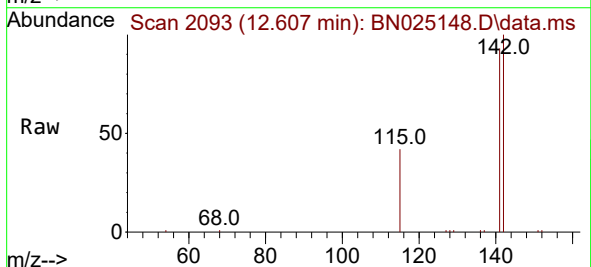
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BNA_N
ClientSampleId :
SSTD0.4280

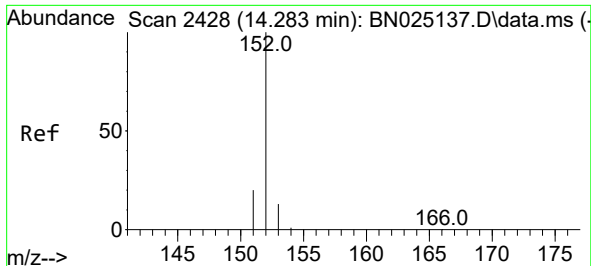
Tgt Ion:142 Resp: 13046
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.486 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

Tgt Ion:142 Resp: 13999
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.6

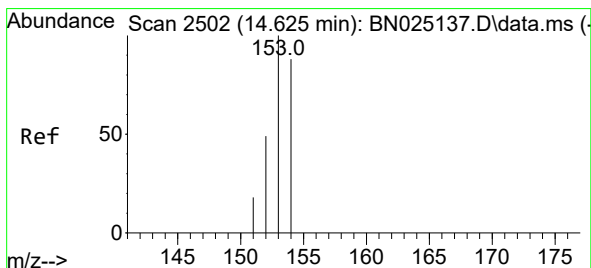
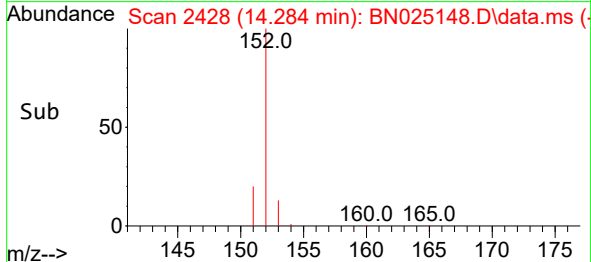
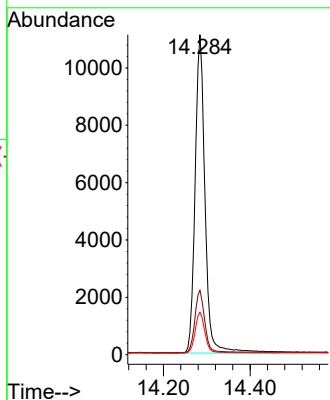
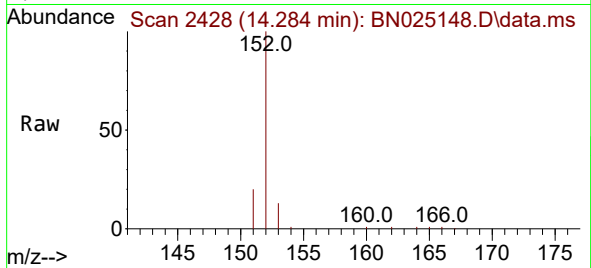




#10
Acenaphthylene
Concen: 0.441 ng/ul
RT: 14.284 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

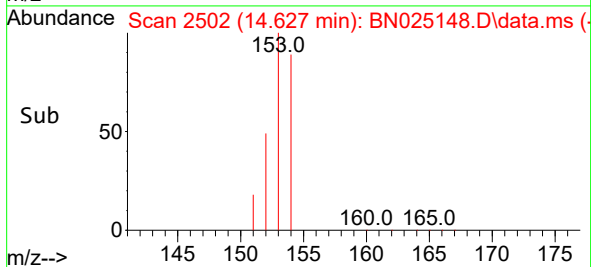
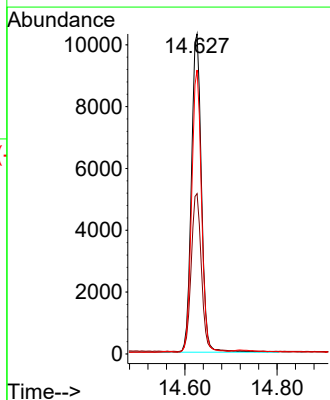
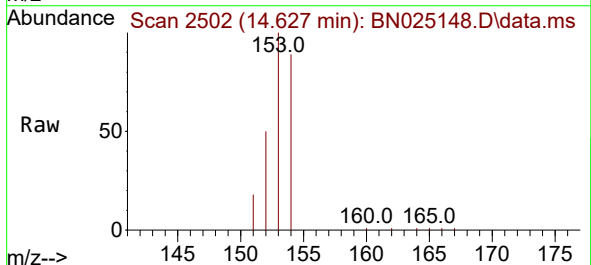
Instrument :
BNA_N
ClientSampleId :
SSTD0.4280

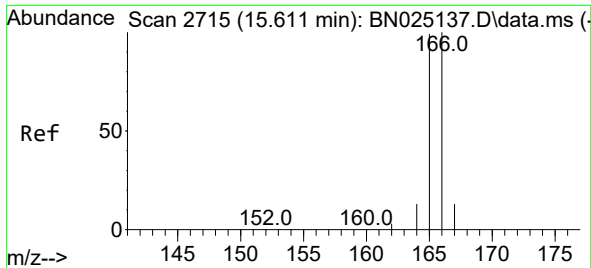
Tgt Ion:152 Resp: 17648
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.3 10.8 16.2



#11
Acenaphthene
Concen: 0.461 ng/ul
RT: 14.627 min Scan# 2502
Delta R.T. 0.001 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

Tgt Ion:153 Resp: 15554
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 88.8 69.4 104.2

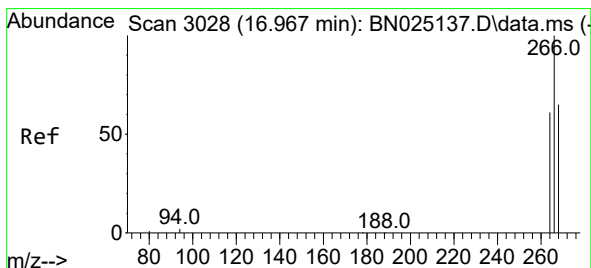
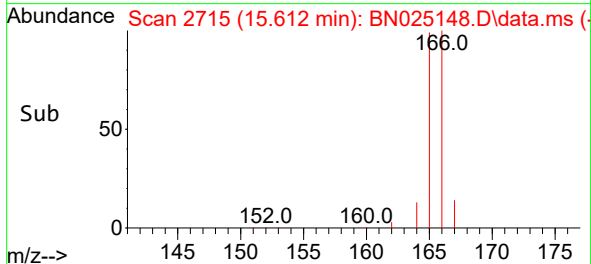
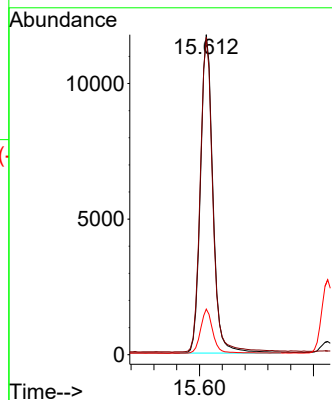
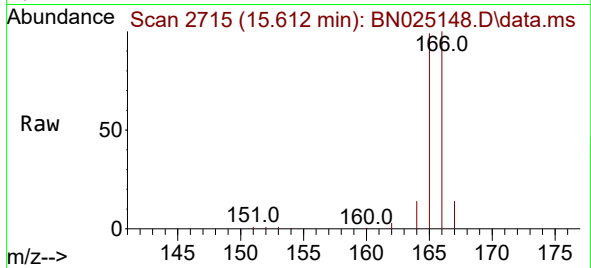




#12
Fluorene
Concen: 0.471 ng/ul
RT: 15.612 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

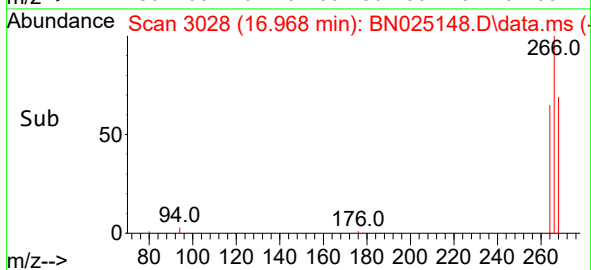
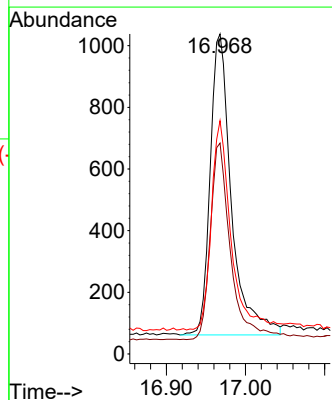
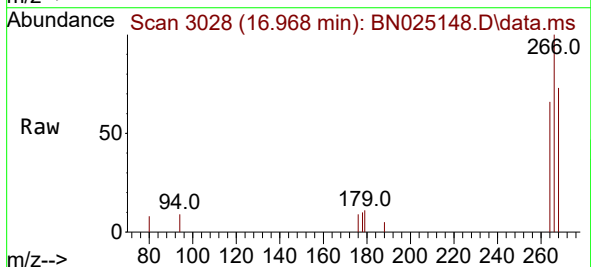
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BNA_N
ClientSampleId :
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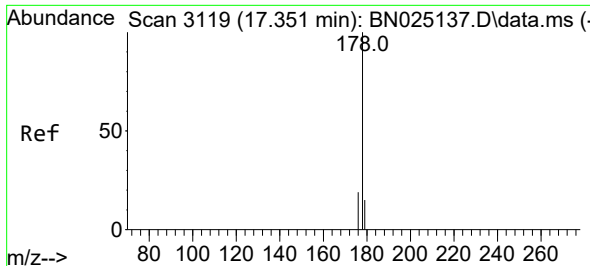
Tgt Ion:166 Resp: 17776
Ion Ratio Lower Upper
166 100
165 99.1 78.1 117.1
167 14.2 11.0 16.6



#14
Pentachlorophenol
Concen: 0.375 ng/ul
RT: 16.968 min Scan# 3028
Delta R.T. 0.001 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

Tgt Ion:266 Resp: 1816
Ion Ratio Lower Upper
266 100
264 62.1 49.6 74.4
268 64.7 51.3 76.9

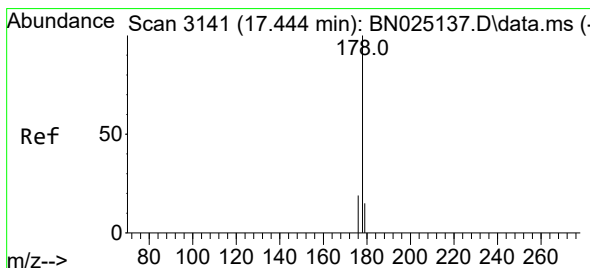
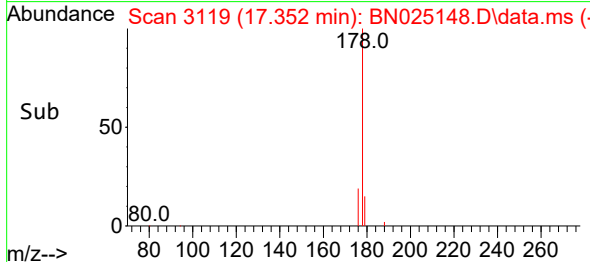
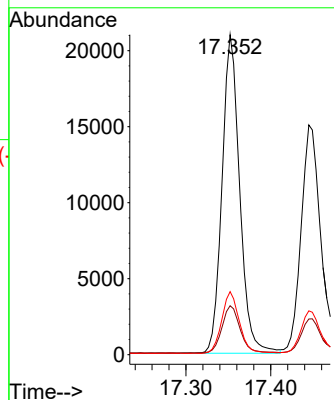
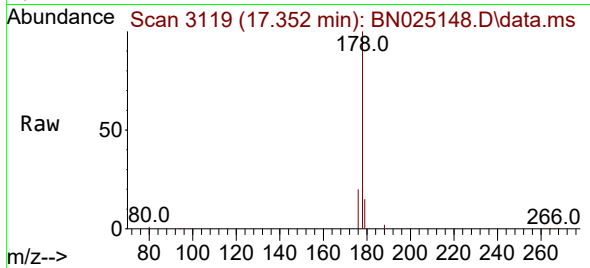




#15
Phenanthrene
Concen: 0.435 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

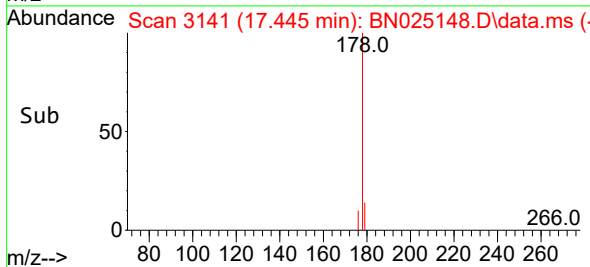
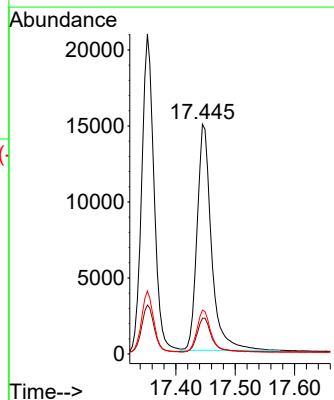
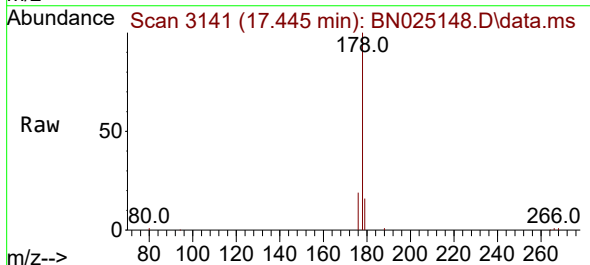
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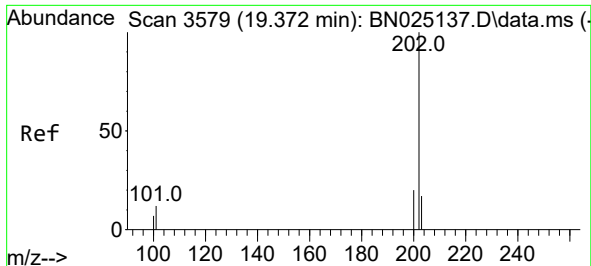
Tgt Ion:178 Resp: 30268
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.439 ng/ul
RT: 17.445 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

Tgt Ion:178 Resp: 24969
Ion Ratio Lower Upper
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179 15.6 12.7 19.1
176 19.1 15.3 22.9

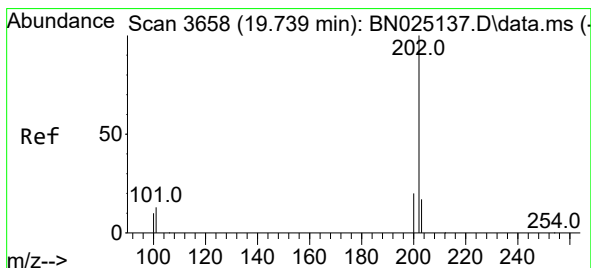
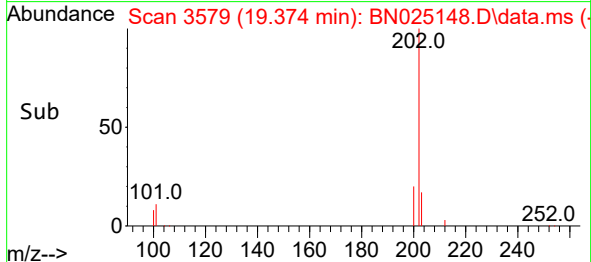
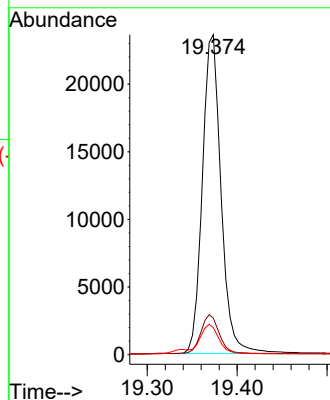
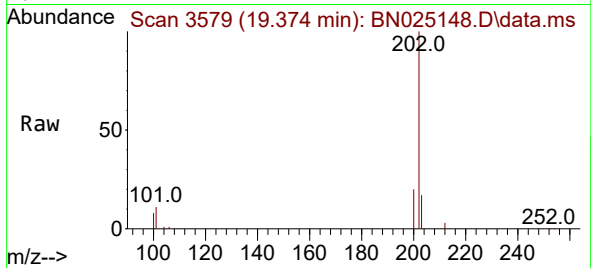




#19
Fluoranthene
Concen: 0.454 ng/ul
RT: 19.374 min Scan# 3579
Delta R.T. 0.002 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

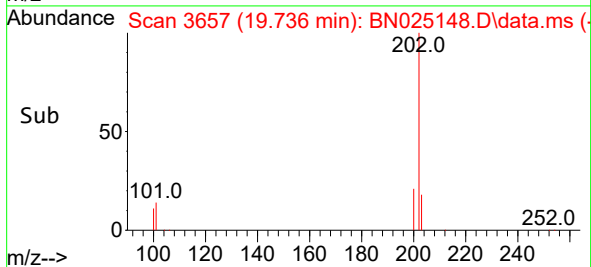
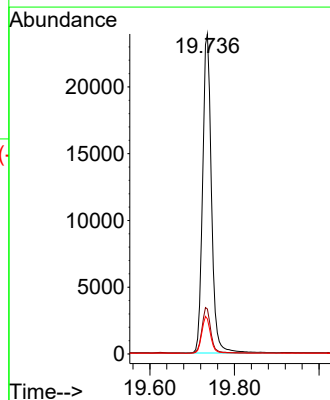
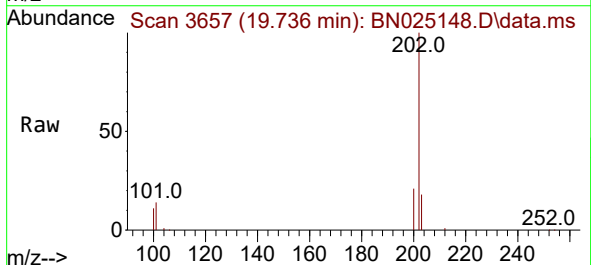
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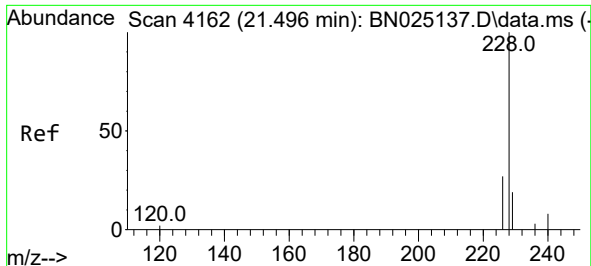
Tgt Ion:202 Resp: 34133
Ion Ratio Lower Upper
202 100
101 11.5 9.7 14.5
100 8.4 7.3 10.9



#20
Pyrene
Concen: 0.449 ng/ul
RT: 19.736 min Scan# 3657
Delta R.T. -0.003 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

Tgt Ion:202 Resp: 34656
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.0 9.2 13.8

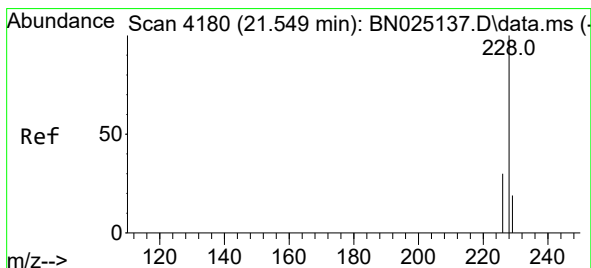
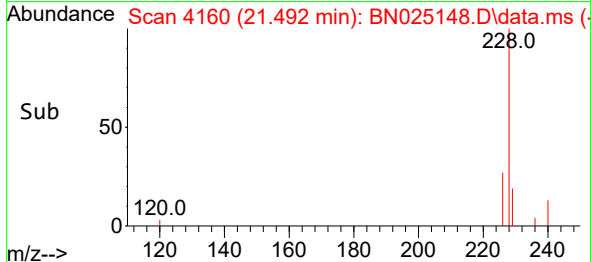
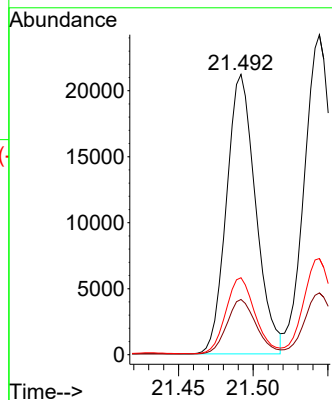
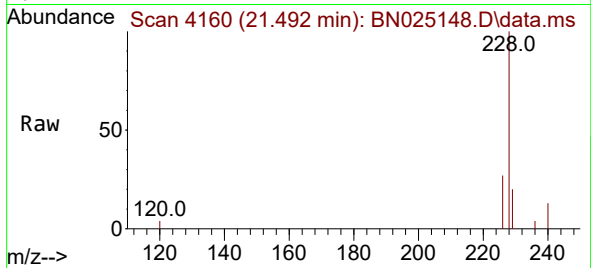




#21
Benzo(a)anthracene
Concen: 0.460 ng/ul
RT: 21.492 min Scan# 4162
Delta R.T. -0.004 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

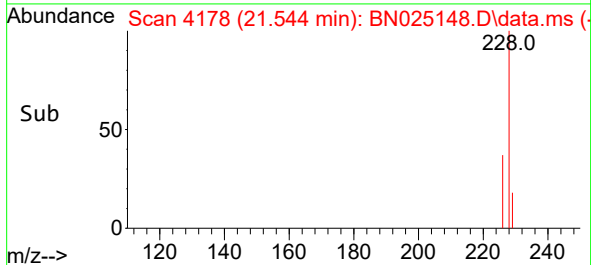
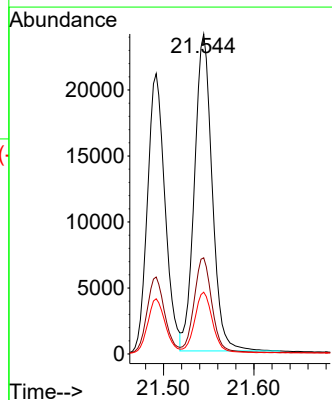
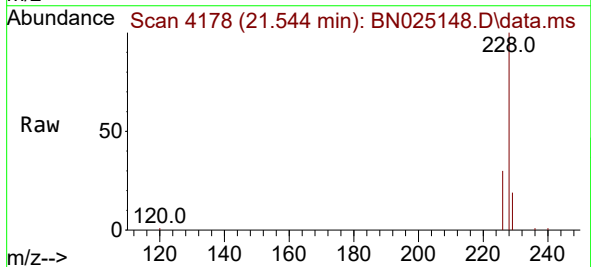
Instrument :
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ClientSampleId :
SSTD0.4280

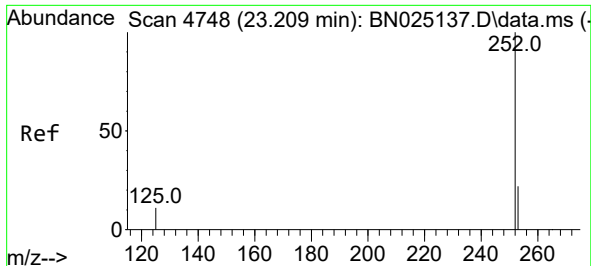
Tgt Ion:228 Resp: 28795
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.478 ng/ul
RT: 21.544 min Scan# 4178
Delta R.T. -0.004 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

Tgt Ion:228 Resp: 32639
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 19.3 15.8 23.6

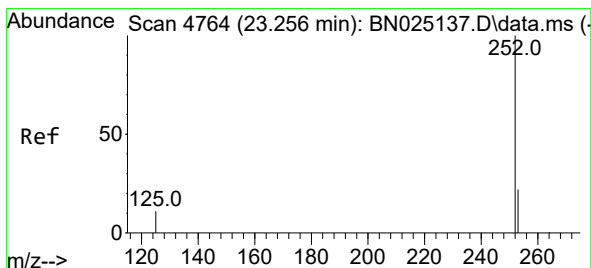
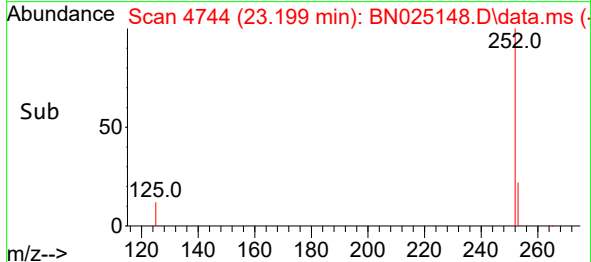
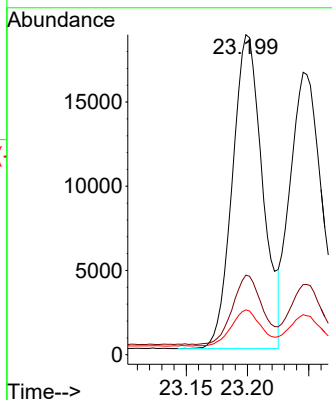
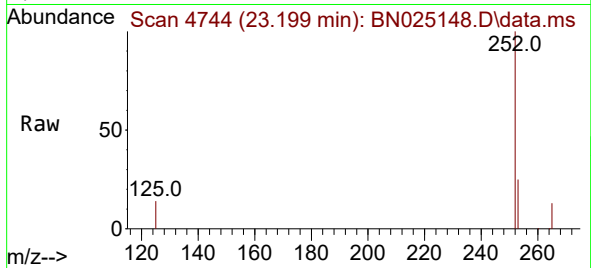




#24
Benzo(b)fluoranthene
Concen: 0.441 ng/ul
RT: 23.199 min Scan# 4744
Delta R.T. -0.010 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

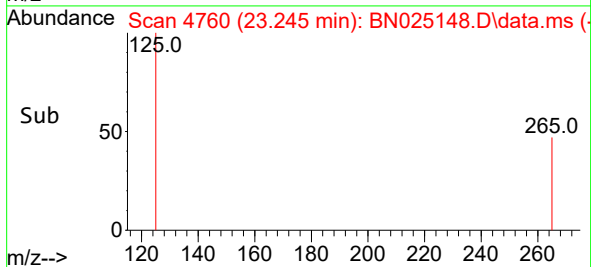
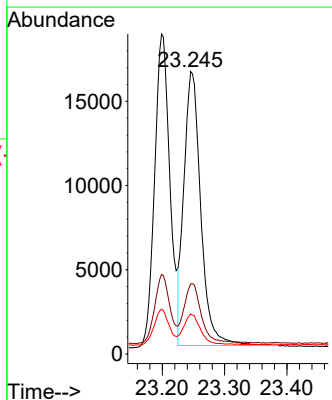
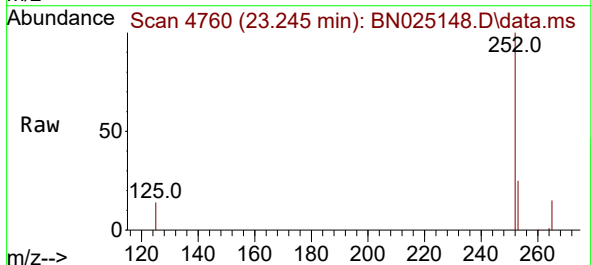
Instrument :
BNA_N
ClientSampleId :
SSTD0.4280

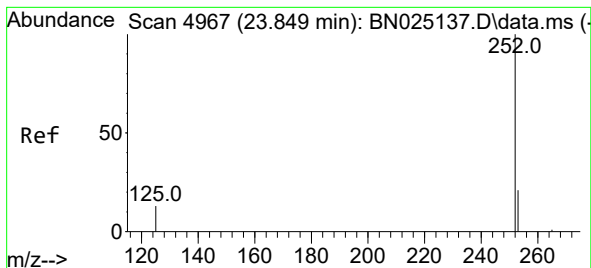
Tgt Ion:252 Resp: 31947
Ion Ratio Lower Upper
252 100
253 24.8 0.0 50.2
125 14.0 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.440 ng/ul
RT: 23.245 min Scan# 4760
Delta R.T. -0.010 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

Tgt Ion:252 Resp: 30638
Ion Ratio Lower Upper
252 100
253 24.8 20.2 30.4
125 14.2 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.415 ng/ul

RT: 23.842 min Scan# 4964

Delta R.T. -0.007 min

Lab File: BN025148.D

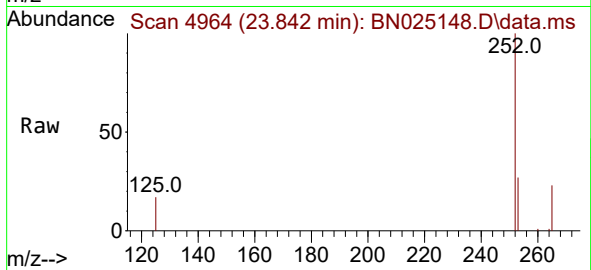
Acq: 26 Apr 2023 16:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.4280



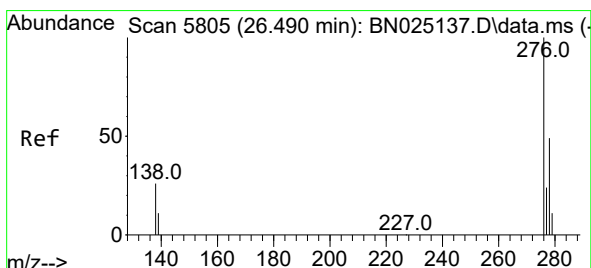
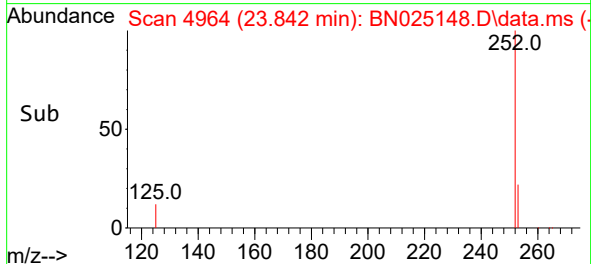
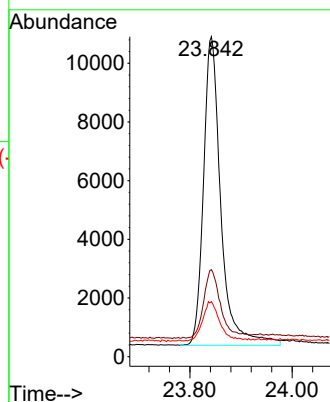
Tgt Ion:252 Resp: 24841

Ion Ratio Lower Upper

252 100

253 27.2 21.4 32.2

125 17.2 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.444 ng/ul

RT: 26.481 min Scan# 5802

Delta R.T. -0.008 min

Lab File: BN025148.D

Acq: 26 Apr 2023 16:18

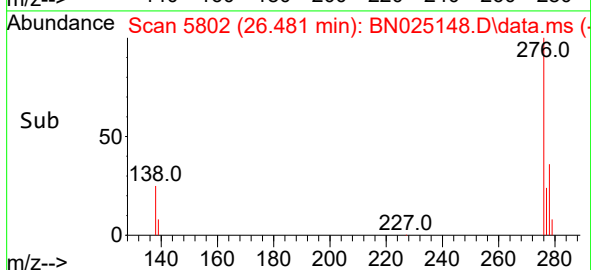
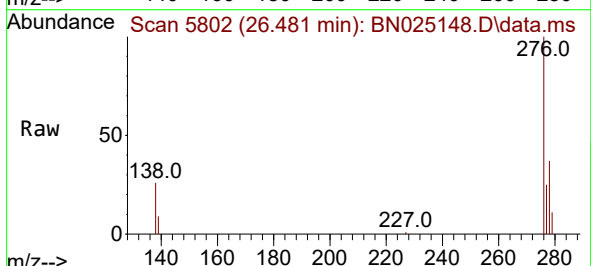
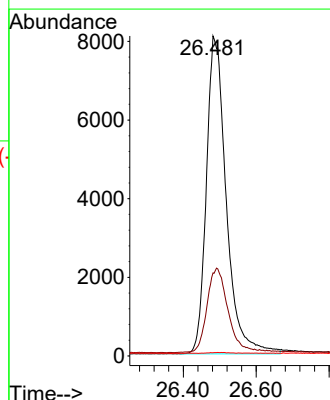
Tgt Ion:276 Resp: 30614

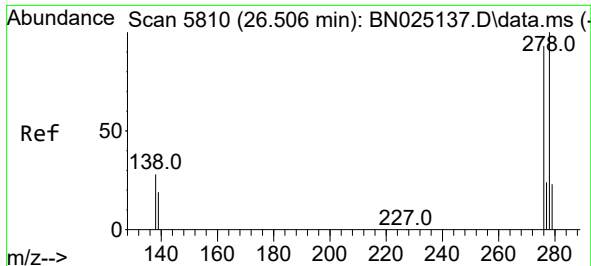
Ion Ratio Lower Upper

276 100

138 28.4 21.9 32.9

227 0.3 0.1 0.1#

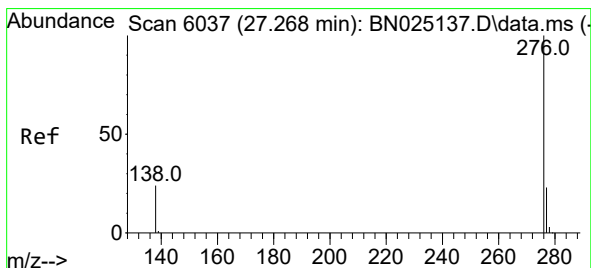
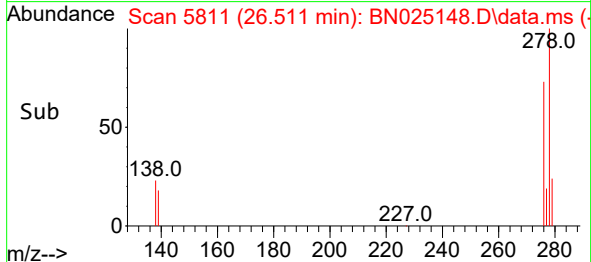
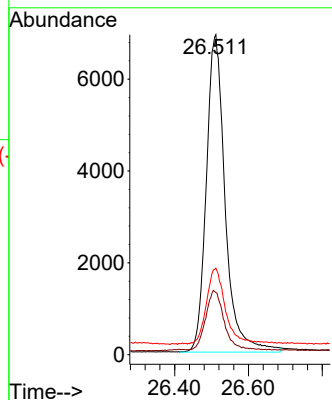
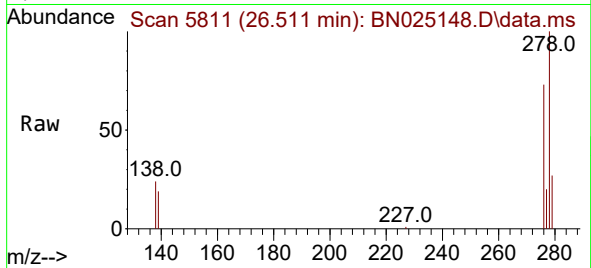




#28
Dibenzo(a,h)anthracene
Concen: 0.455 ng/ul
RT: 26.511 min Scan# 5811
Delta R.T. 0.005 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTD0.4280

Tgt Ion:278 Resp: 24519
Ion Ratio Lower Upper
278 100
139 19.4 17.0 25.6
279 27.1 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.456 ng/ul
RT: 27.266 min Scan# 6036
Delta R.T. -0.002 min
Lab File: BN025148.D
Acq: 26 Apr 2023 16:18

Tgt Ion:276 Resp: 26757
Ion Ratio Lower Upper
276 100
138 24.8 20.3 30.5
277 24.7 19.8 29.6

