

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025244.D
 Acq On : 03 May 2023 17:55
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4291

Quant Time: May 04 04:30:19 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 May 03 15:28:32 2023
 Response via : Initial Calibration

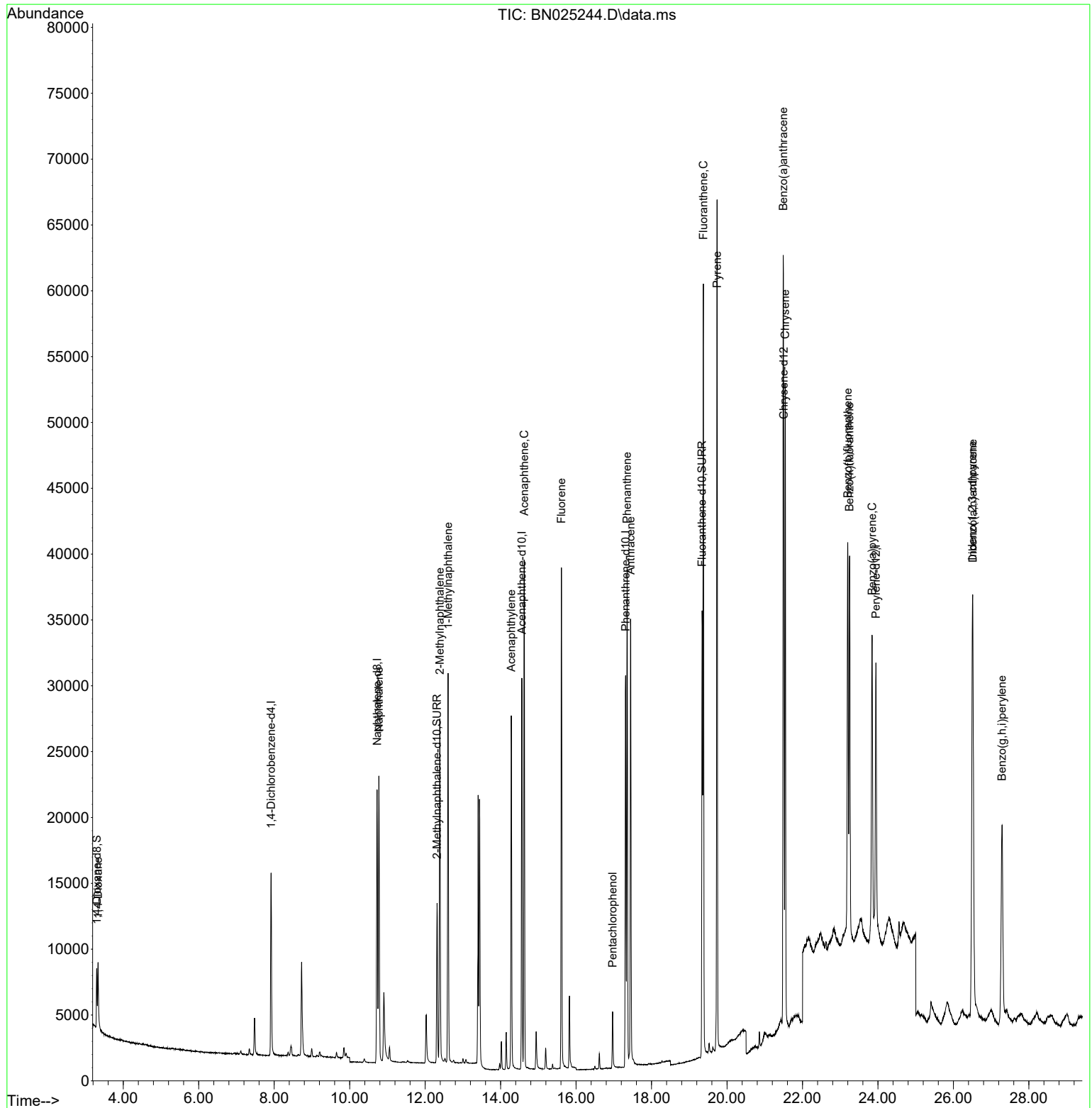
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7674	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	27765	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	16224	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	34819	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	29327	0.400	ng/ul	# 0.00
23) Perylene-d12	23.946	264	26078	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2816	0.354	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	15963	0.448	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	36371	0.470	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	3149	0.368	ng/ul#	64
5) Naphthalene	10.776	128	29951	0.421	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	19273	0.442	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	20354	0.438	ng/ul	99
10) Acenaphthylene	14.283	152	30800	0.510	ng/ul	100
11) Acenaphthene	14.626	153	22062	0.433	ng/ul	99
12) Fluorene	15.611	166	24460	0.429	ng/ul	98
14) Pentachlorophenol	16.967	266	3108	0.455	ng/ul	100
15) Phenanthrene	17.351	178	40446	0.412	ng/ul	99
16) Anthracene	17.444	178	38295	0.476	ng/ul	100
19) Fluoranthene	19.373	202	49606	0.468	ng/ul	99
20) Pyrene	19.735	202	51884	0.476	ng/ul	100
21) Benzo(a)anthracene	21.491	228	44635	0.505	ng/ul	97
22) Chrysene	21.543	228	43340	0.450	ng/ul	98
24) Benzo(b)fluoranthene	23.201	252	39336	0.372	ng/ul	88
25) Benzo(k)fluoranthene	23.247	252	38991	0.383	ng/ul#	90
26) Benzo(a)pyrene	23.847	252	34666	0.396	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.504	276	39942	0.396	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.514	278	31806	0.404	ng/ul#	90
29) Benzo(g,h,i)perylene	27.289	276	33020	0.385	ng/ul#	91

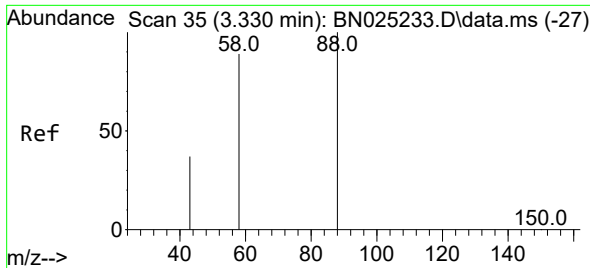
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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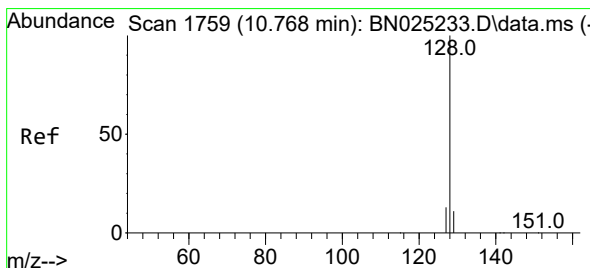
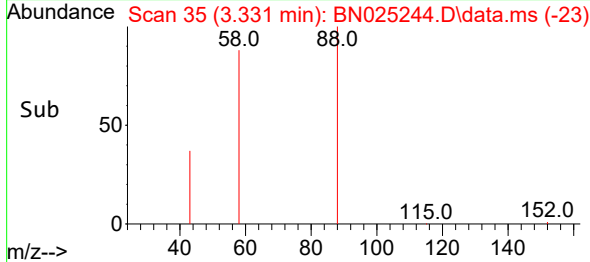
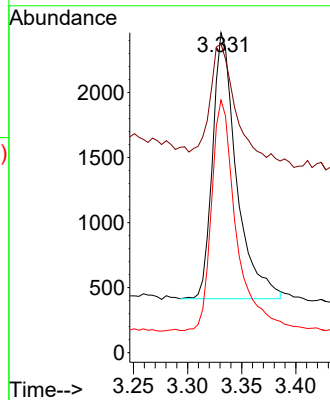
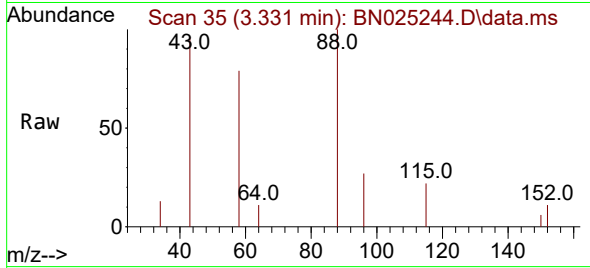




#2
1,4-Dioxane
Concen: 0.368 ng/ul
RT: 3.331 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

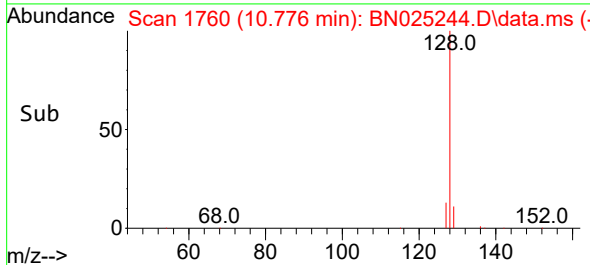
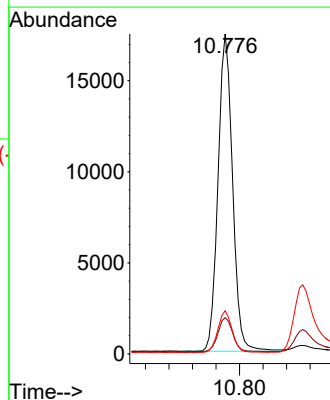
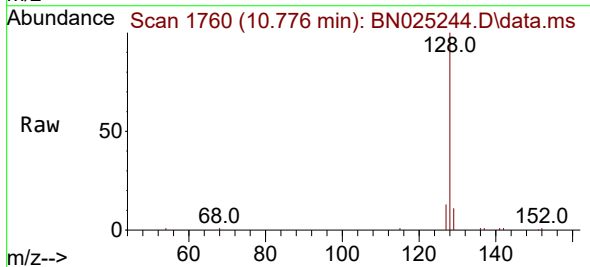
Instrument :
BNA_N
ClientSampleId :
SSTD0.4291

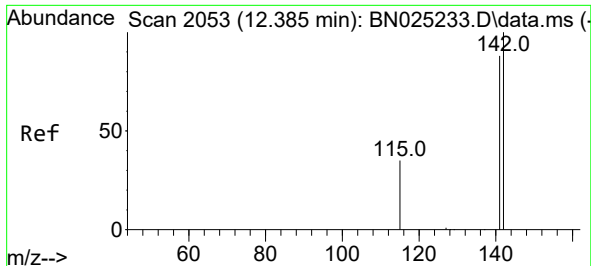
Tgt Ion: 88 Resp: 3149
Ion Ratio Lower Upper
88 100
43 96.4 37.0 55.4#
58 78.9 56.9 85.3



#5
Naphthalene
Concen: 0.421 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.007 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

Tgt Ion: 128 Resp: 29951
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.7 16.1

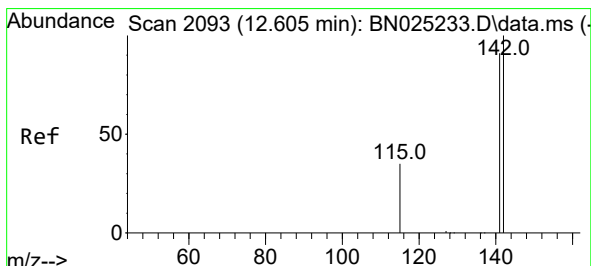
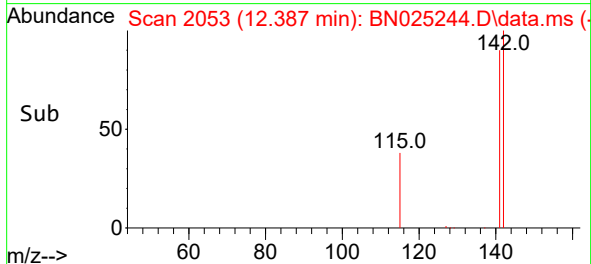
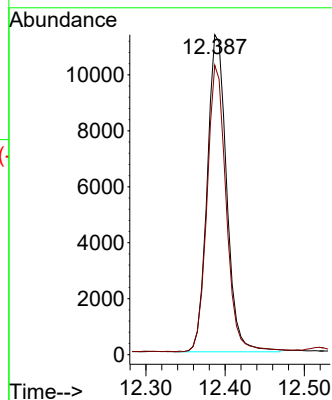
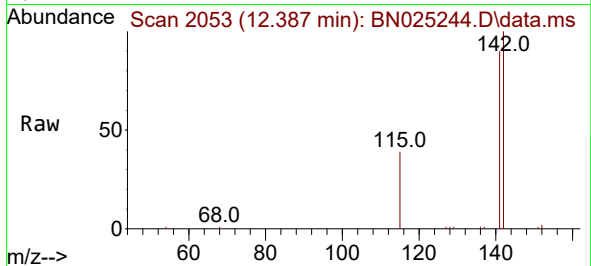




#7
2-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

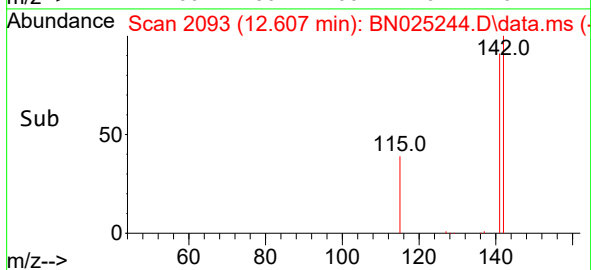
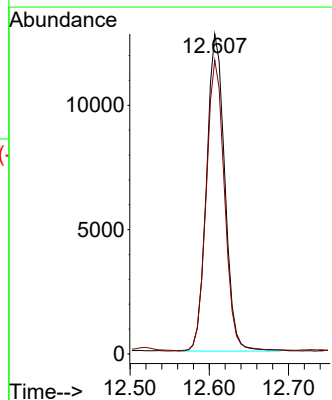
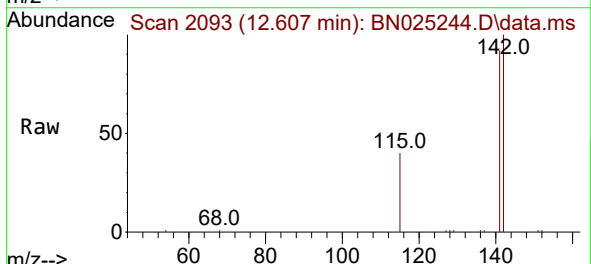
Instrument :
BNA_N
ClientSampleId :
SSTD0.4291

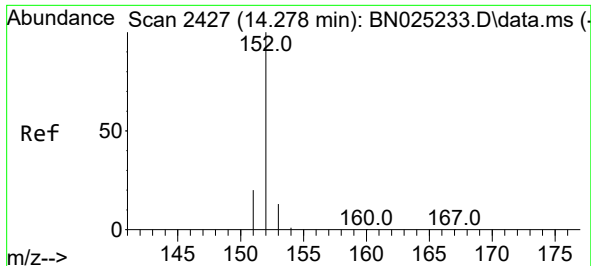
Tgt Ion:142 Resp: 19273
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

Tgt Ion:142 Resp: 20354
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.6

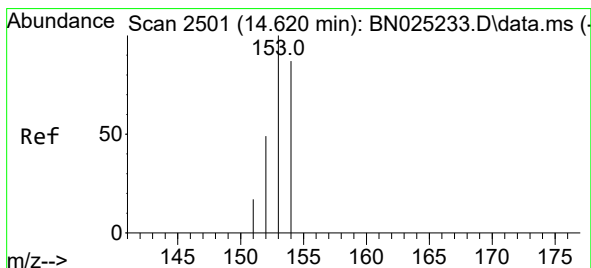
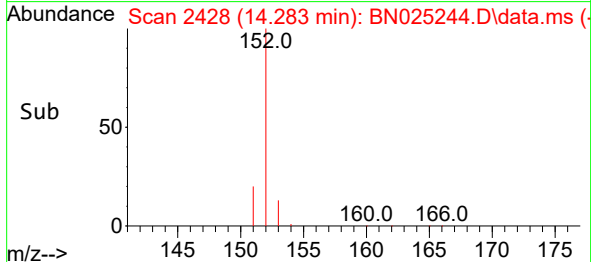
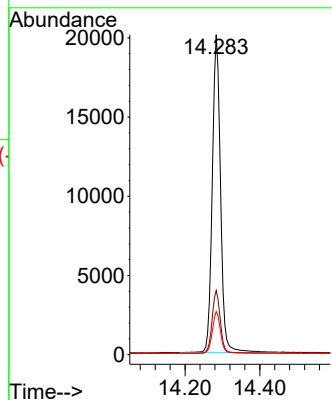
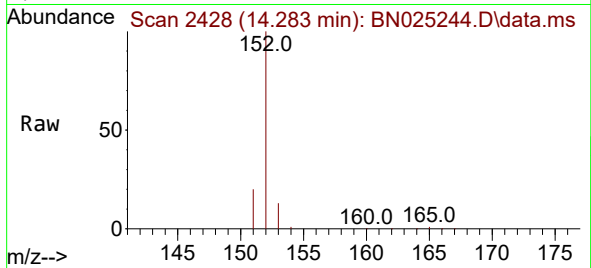




#10
Acenaphthylene
Concen: 0.510 ng/ul
RT: 14.283 min Scan# 2427
Delta R.T. 0.005 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

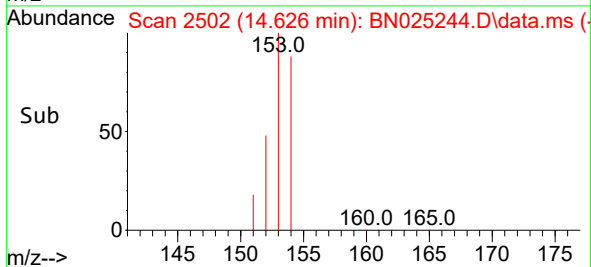
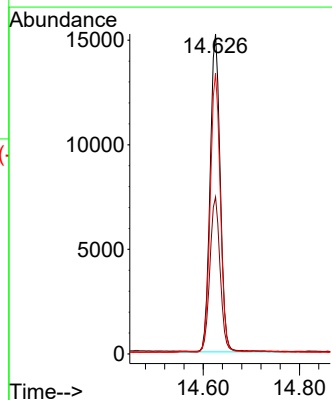
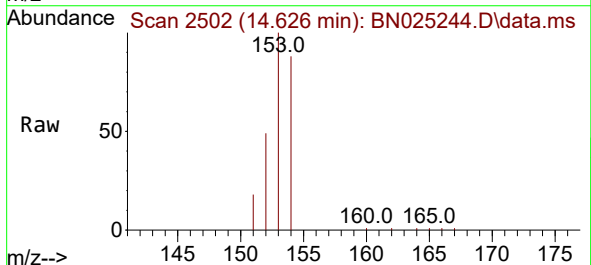
Instrument :
BNA_N
ClientSampleId :
SSTD0.4291

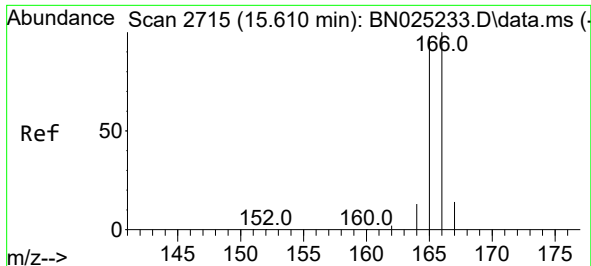
Tgt Ion:152 Resp: 30800
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.626 min Scan# 2502
Delta R.T. 0.005 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

Tgt Ion:153 Resp: 22062
Ion Ratio Lower Upper
153 100
152 49.1 40.2 60.4
154 87.8 69.4 104.2

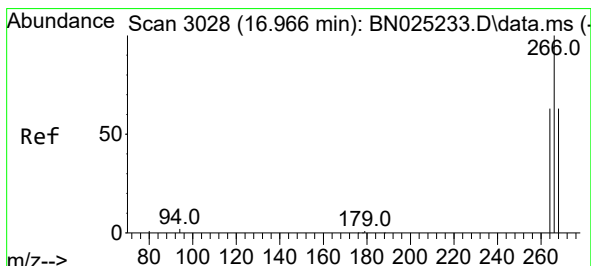
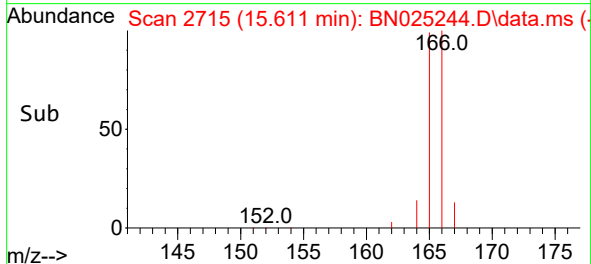
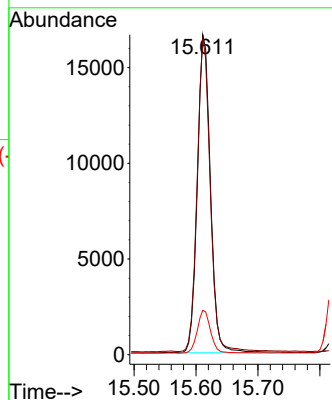
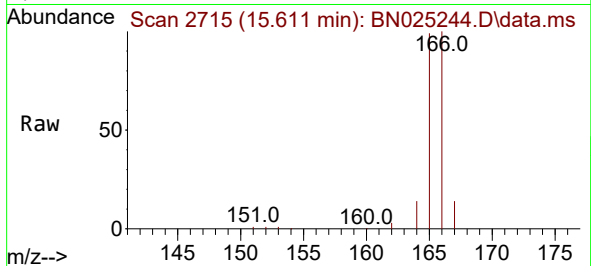




#12
Fluorene
Concen: 0.429 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

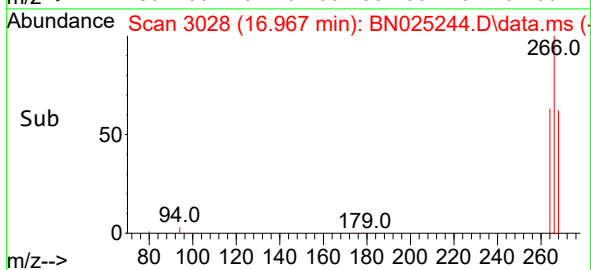
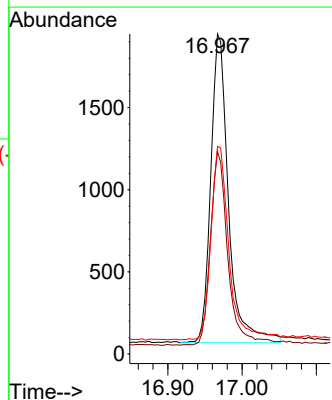
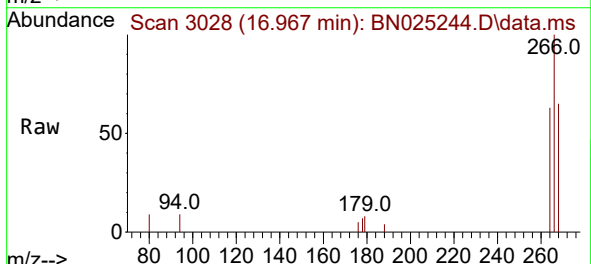
Instrument :
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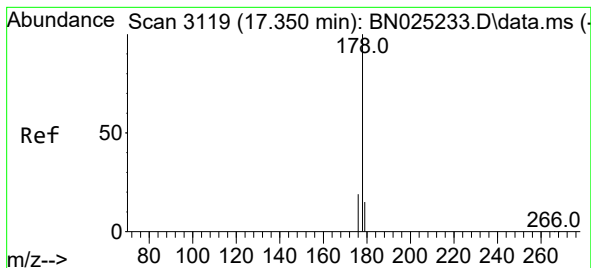
Tgt Ion:166 Resp: 24460
Ion Ratio Lower Upper
166 100
165 99.3 78.1 117.1
167 13.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.455 ng/ul
RT: 16.967 min Scan# 3028
Delta R.T. 0.001 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

Tgt Ion:266 Resp: 3108
Ion Ratio Lower Upper
266 100
264 62.2 49.6 74.4
268 64.2 51.3 76.9





#15

Phenanthrene

Concen: 0.412 ng/ul

RT: 17.351 min Scan# 3119

Delta R.T. 0.001 min

Lab File: BN025244.D

Acq: 03 May 2023 17:55

Instrument :

BNA_N

ClientSampleId :

SSTD0.4291

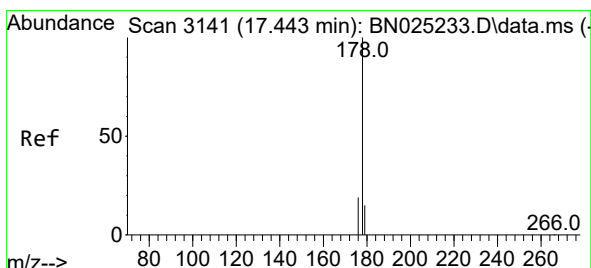
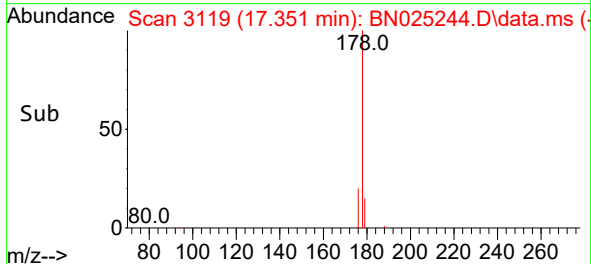
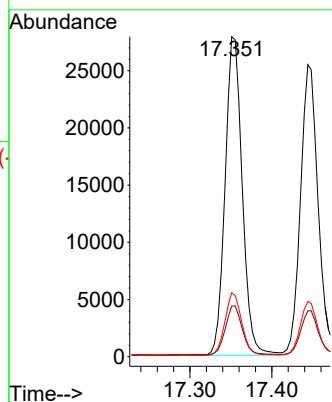
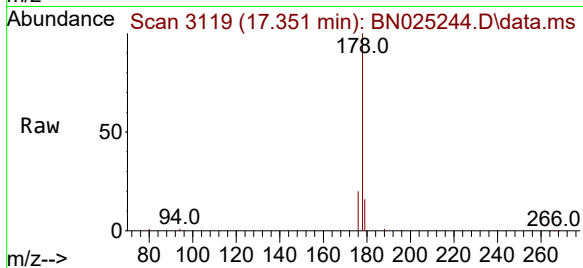
Tgt Ion:178 Resp: 40446

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 19.9 15.6 23.4



#16

Anthracene

Concen: 0.476 ng/ul

RT: 17.444 min Scan# 3141

Delta R.T. 0.001 min

Lab File: BN025244.D

Acq: 03 May 2023 17:55

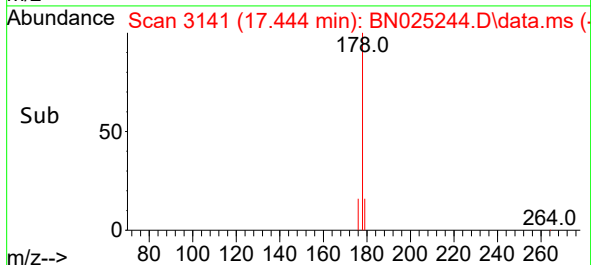
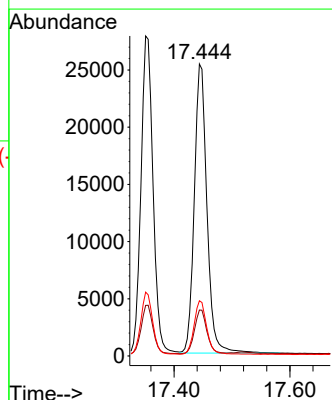
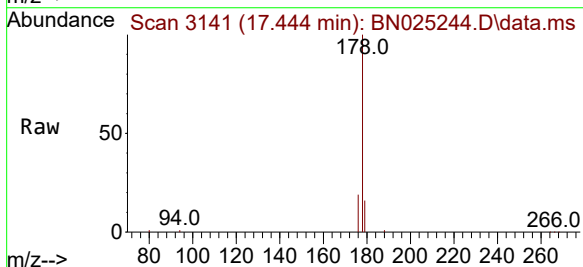
Tgt Ion:178 Resp: 38295

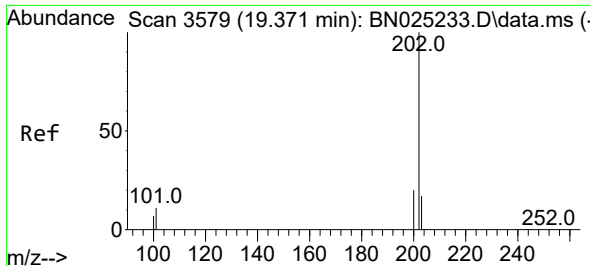
Ion Ratio Lower Upper

178 100

179 15.7 12.7 19.1

176 18.9 15.3 22.9

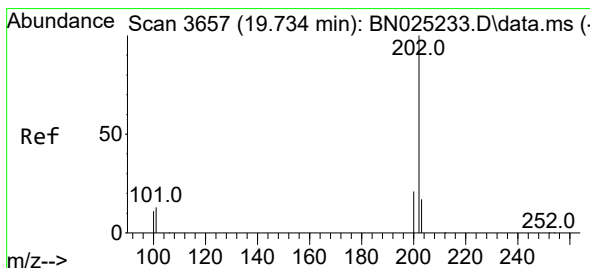
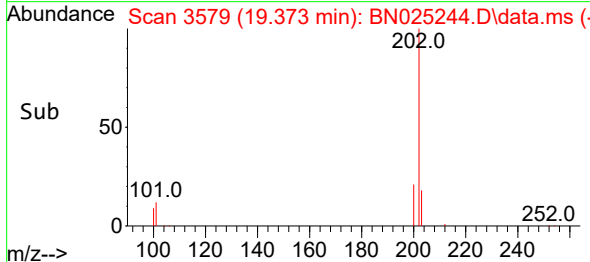
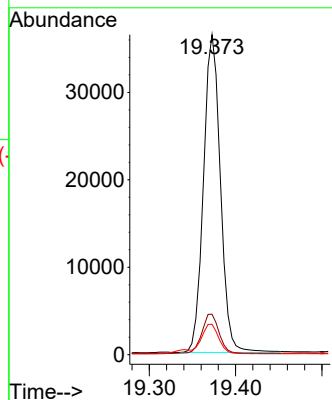
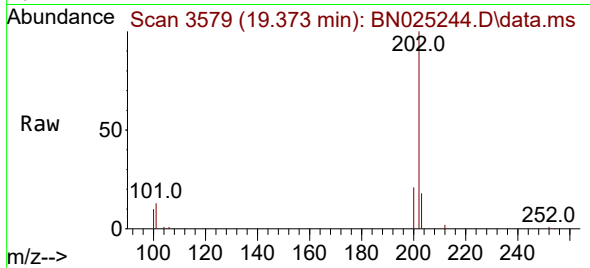




#19
Fluoranthene
Concen: 0.468 ng/ul
RT: 19.373 min Scan# 3579
Delta R.T. 0.001 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

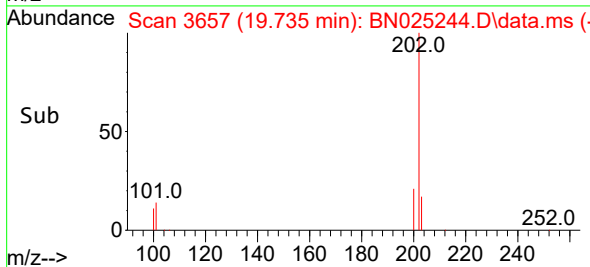
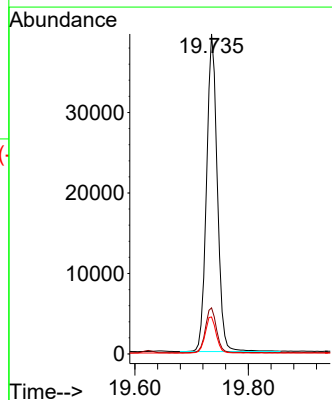
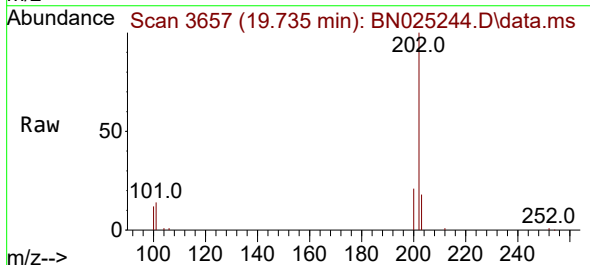
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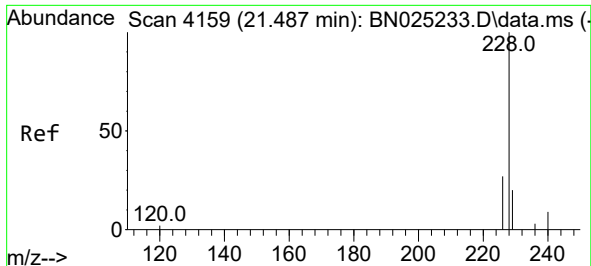
Tgt Ion:202 Resp: 49606
Ion Ratio Lower Upper
202 100
101 12.6 9.7 14.5
100 9.5 7.3 10.9



#20
Pyrene
Concen: 0.476 ng/ul
RT: 19.735 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

Tgt Ion:202 Resp: 51884
Ion Ratio Lower Upper
202 100
101 14.4 11.3 16.9
100 11.6 9.2 13.8

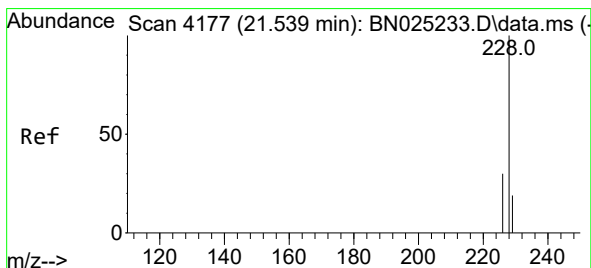
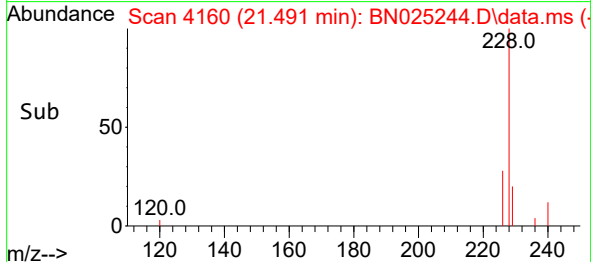
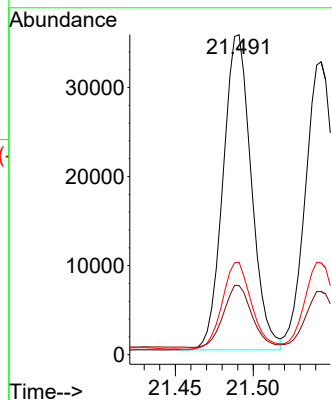
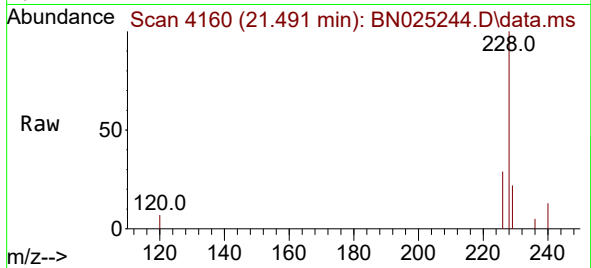




#21
Benzo(a)anthracene
Concen: 0.505 ng/ul
RT: 21.491 min Scan# 4159
Delta R.T. 0.004 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

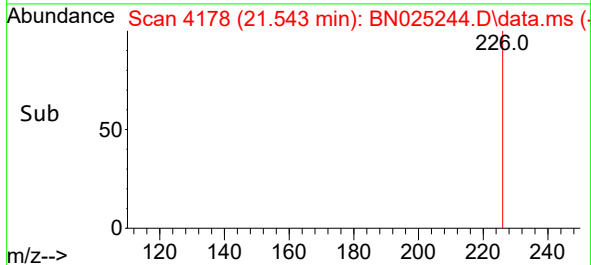
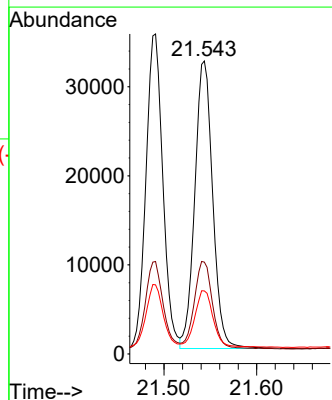
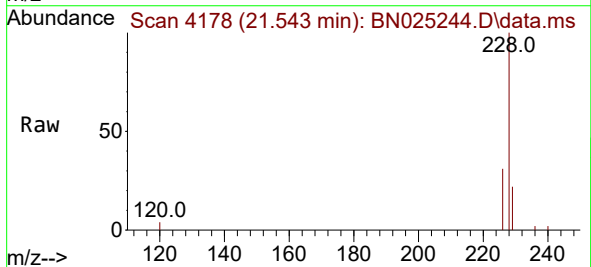
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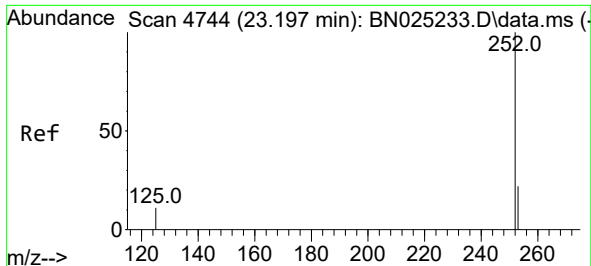
Tgt Ion:228 Resp: 44635
Ion Ratio Lower Upper
228 100
229 21.6 15.6 23.4
226 28.9 22.1 33.1



#22
Chrysene
Concen: 0.450 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. 0.004 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

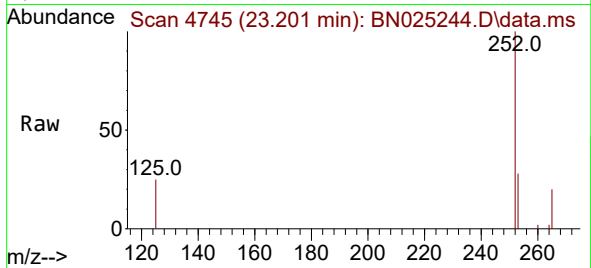
Tgt Ion:228 Resp: 43340
Ion Ratio Lower Upper
228 100
226 31.4 24.5 36.7
229 21.5 15.8 23.6



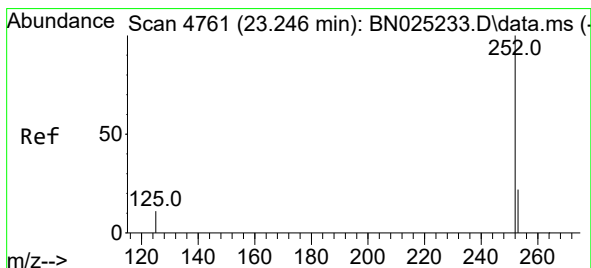
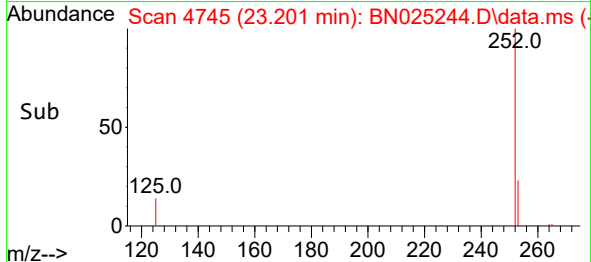
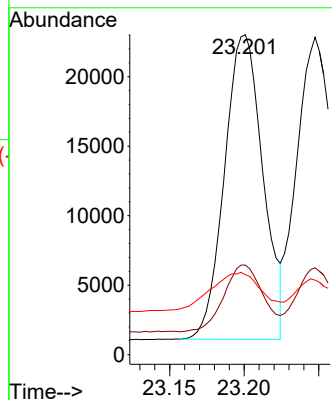


#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.201 min Scan# 4745
Delta R.T. 0.004 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4291

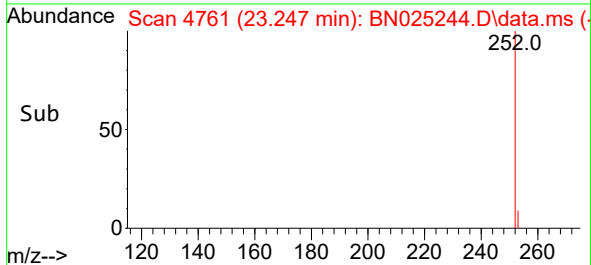
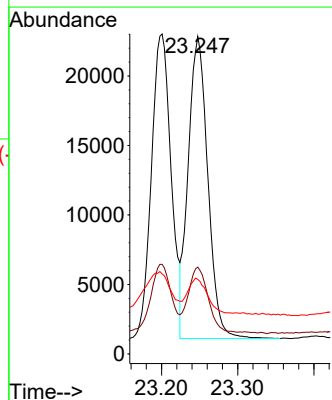
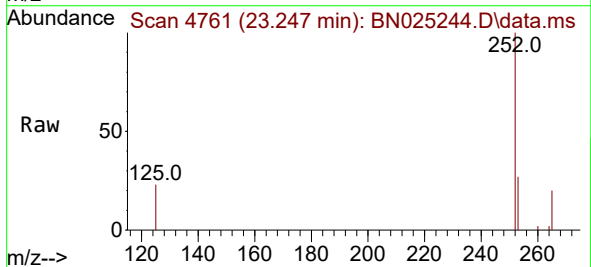


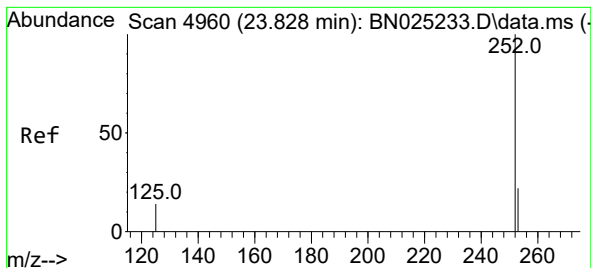
Tgt Ion:252 Resp: 39336
Ion Ratio Lower Upper
252 100
253 28.0 0.0 50.2
125 25.0 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 23.247 min Scan# 4761
Delta R.T. 0.001 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

Tgt Ion:252 Resp: 38991
Ion Ratio Lower Upper
252 100
253 27.4 20.2 30.4
125 23.5 11.8 17.8#





#26

Benzo(a)pyrene

Concen: 0.396 ng/ul

RT: 23.847 min Scan# 4966

Delta R.T. 0.019 min

Lab File: BN025244.D

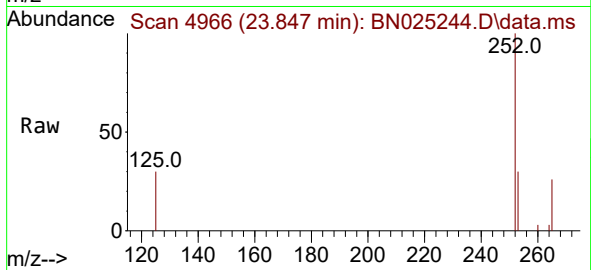
Acq: 03 May 2023 17:55

Instrument :

BNA_N

ClientSampleId :

SSTD0.4291



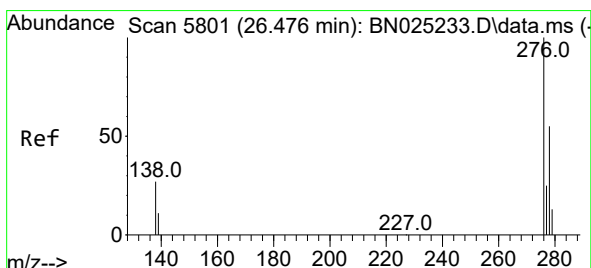
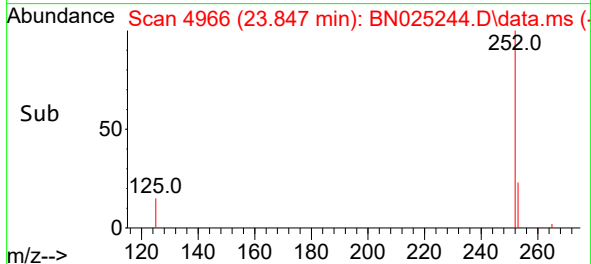
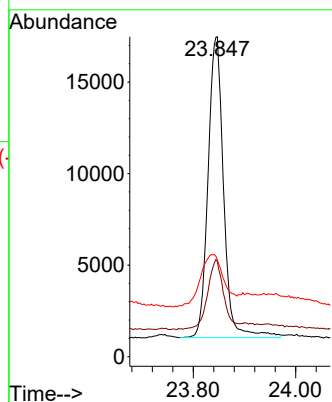
Tgt Ion:252 Resp: 34666

Ion Ratio Lower Upper

252 100

253 29.8 21.4 32.2

125 30.3 14.6 22.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.396 ng/ul

RT: 26.504 min Scan# 5809

Delta R.T. 0.028 min

Lab File: BN025244.D

Acq: 03 May 2023 17:55

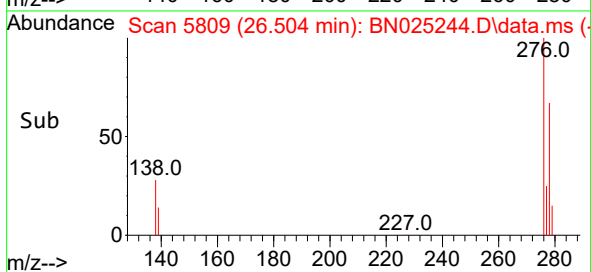
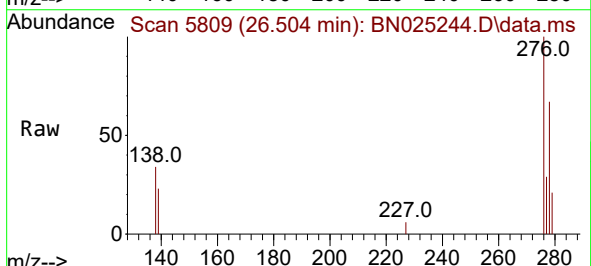
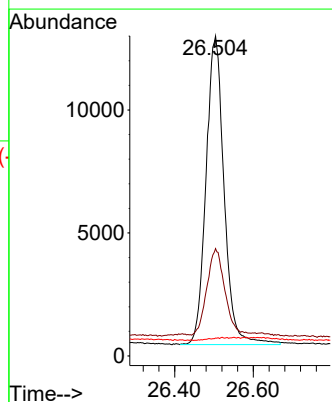
Tgt Ion:276 Resp: 39942

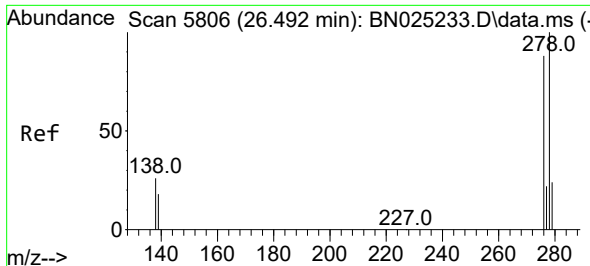
Ion Ratio Lower Upper

276 100

138 29.0 21.9 32.9

227 0.3 0.1 0.1#

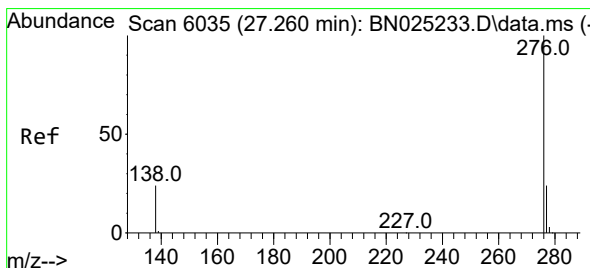
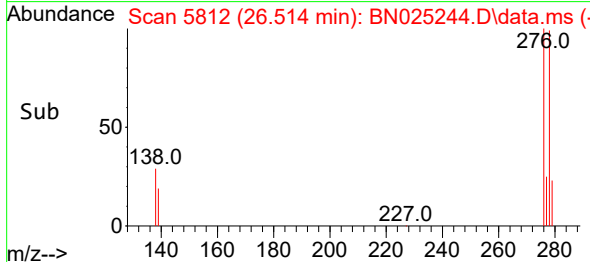
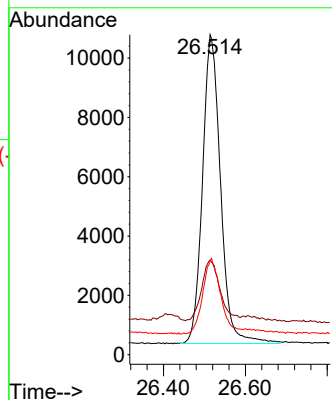
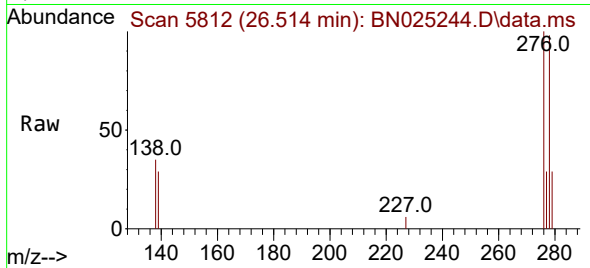




#28
Dibenzo(a,h)anthracene
Concen: 0.404 ng/ul
RT: 26.514 min Scan# 5812
Delta R.T. 0.021 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4291

Tgt Ion:278 Resp: 31806
Ion Ratio Lower Upper
278 100
139 29.4 17.0 25.6#
279 29.5 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 27.289 min Scan# 6043
Delta R.T. 0.028 min
Lab File: BN025244.D
Acq: 03 May 2023 17:55

Tgt Ion:276 Resp: 33020
Ion Ratio Lower Upper
276 100
138 31.2 20.3 30.5#
277 27.9 19.8 29.6

