

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025231.D
 Acq On : 02 May 2023 22:10
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4289

Quant Time: May 03 02:31:25 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 : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

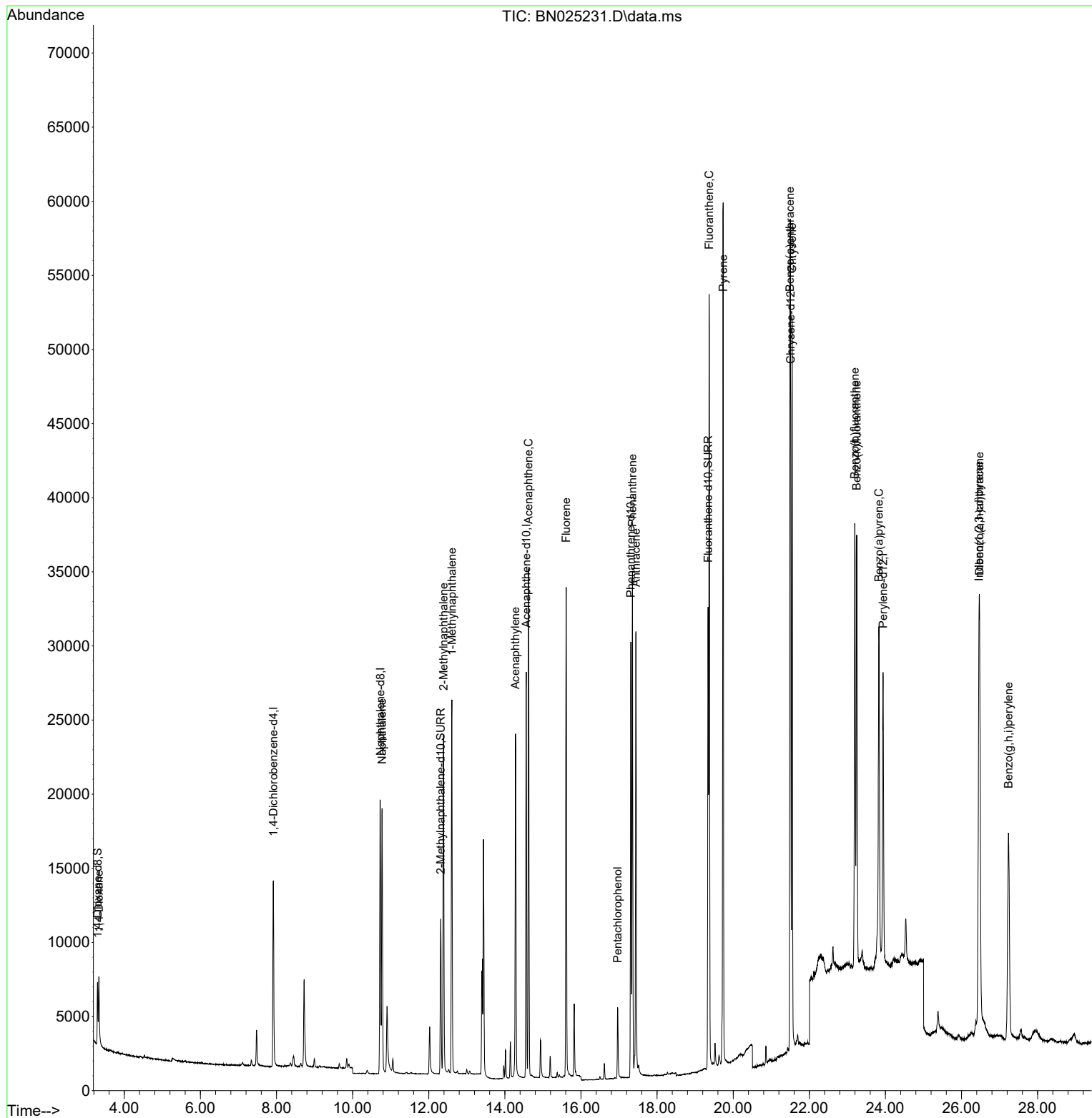
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7129	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	24866	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	15090	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	33295	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	30392	0.400	ng/ul	0.00
23) Perylene-d12	23.938	264	26832	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2657	0.360	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	13655	0.428	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	33078	0.413	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	2819	0.355	ng/ul#	85
5) Naphthalene	10.775	128	25327	0.398	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	16435	0.421	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	17335	0.417	ng/ul	100
10) Acenaphthylene	14.279	152	27461	0.489	ng/ul	100
11) Acenaphthene	14.622	153	19480	0.411	ng/ul	99
12) Fluorene	15.612	166	21458	0.405	ng/ul	100
14) Pentachlorophenol	16.963	266	3406	0.521	ng/ul	99
15) Phenanthrene	17.352	178	36578	0.389	ng/ul	100
16) Anthracene	17.445	178	34329	0.447	ng/ul	99
19) Fluoranthene	19.369	202	45047	0.410	ng/ul	98
20) Pyrene	19.736	202	47928	0.424	ng/ul	99
21) Benzo(a)anthracene	21.495	228	42744	0.467	ng/ul	97
22) Chrysene	21.547	228	41287	0.413	ng/ul	98
24) Benzo(b)fluoranthene	23.196	252	39846	0.366	ng/ul	94
25) Benzo(k)fluoranthene	23.245	252	37591	0.359	ng/ul#	95
26) Benzo(a)pyrene	23.830	252	32460	0.360	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.458	276	37887	0.365	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.474	278	30345	0.374	ng/ul#	95
29) Benzo(g,h,i)perylene	27.232	276	31659	0.359	ng/ul	94

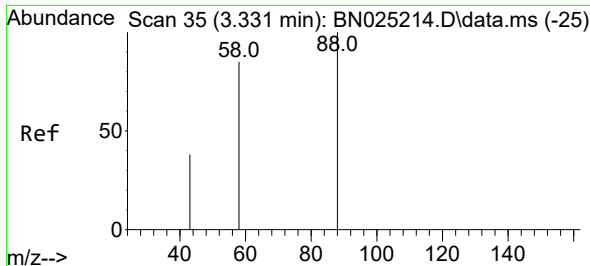
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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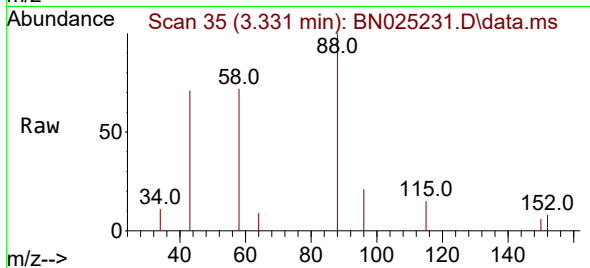
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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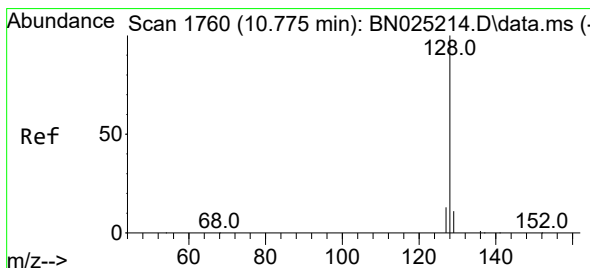
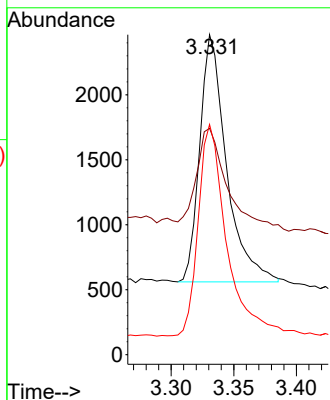
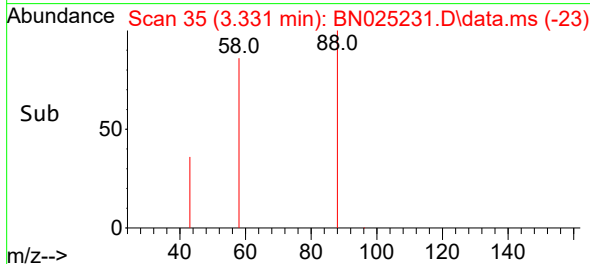


#2
1,4-Dioxane
Concen: 0.355 ng/ul
RT: 3.331 min Scan# 35
Delta R.T. 0.000 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

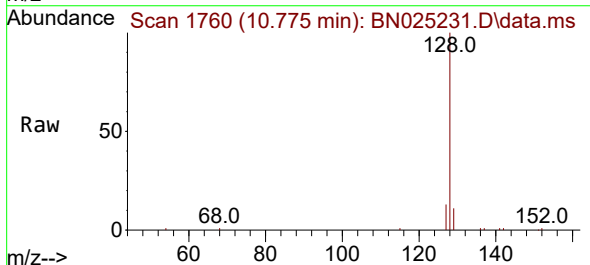
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ClientSampleId :
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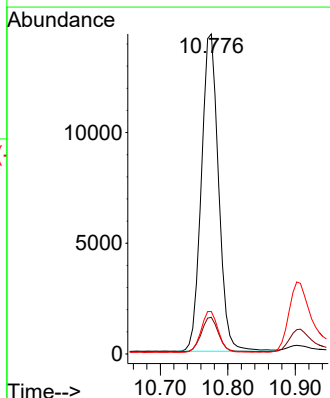
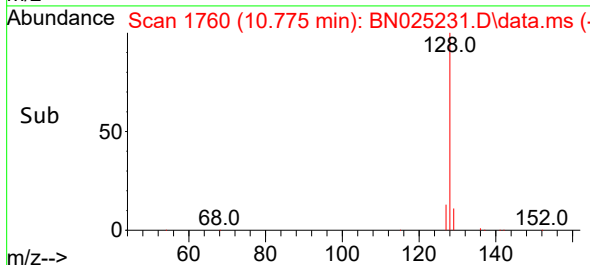
Tgt Ion: 88 Resp: 2819
Ion Ratio Lower Upper
88 100
43 70.7 37.0 55.4#
58 71.9 56.9 85.3

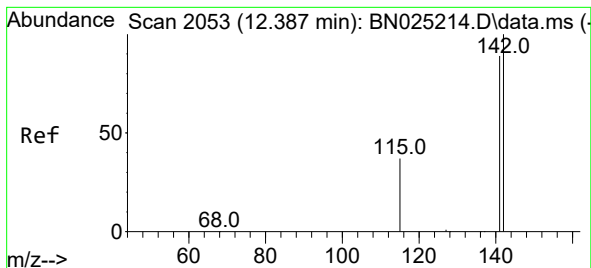


#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.775 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10



Tgt Ion: 128 Resp: 25327
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.3 10.7 16.1

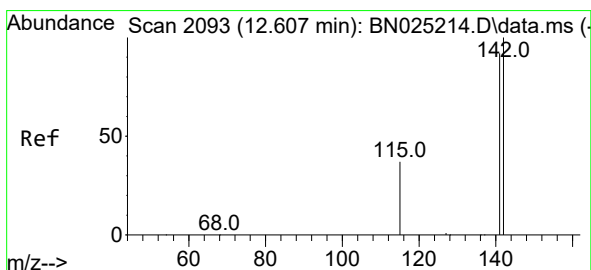
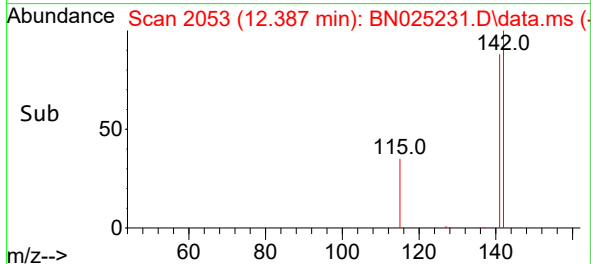
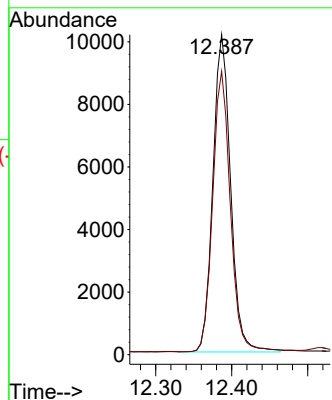
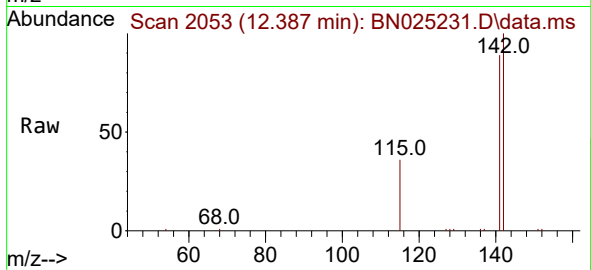




#7
2-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

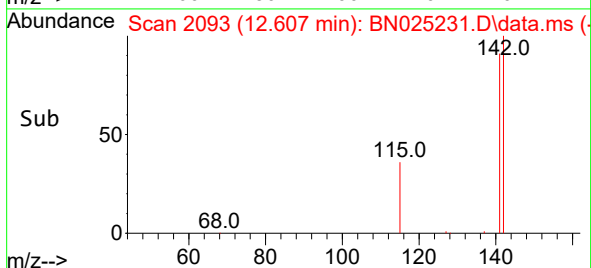
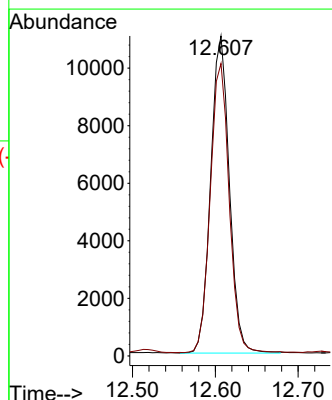
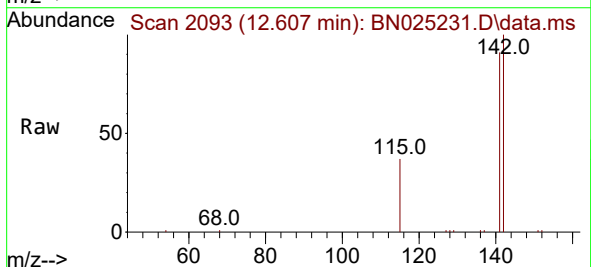
Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

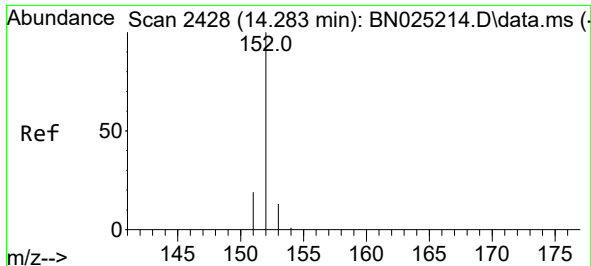
Tgt Ion:142 Resp: 16435
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

Tgt Ion:142 Resp: 17335
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6

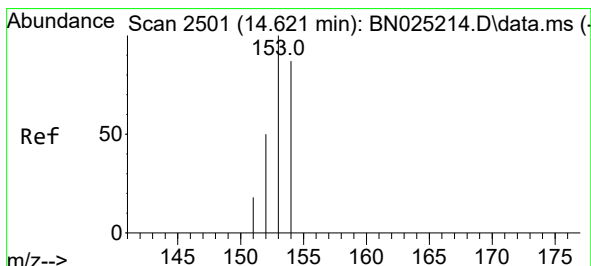
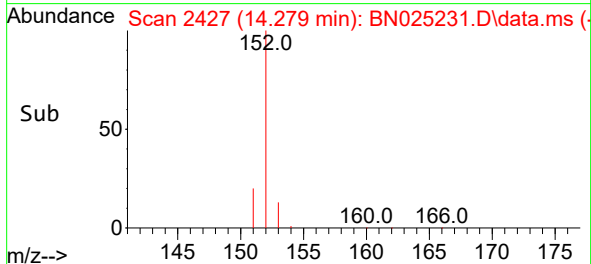
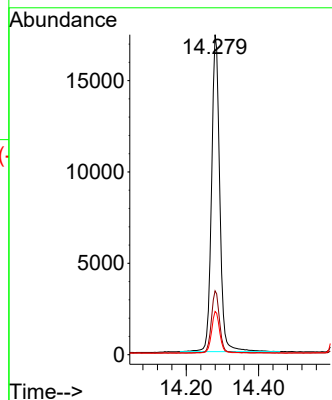
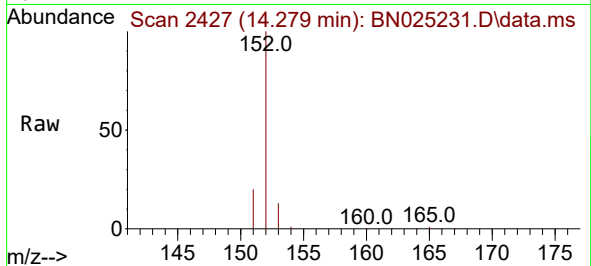




#10
Acenaphthylene
Concen: 0.489 ng/ul
RT: 14.279 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

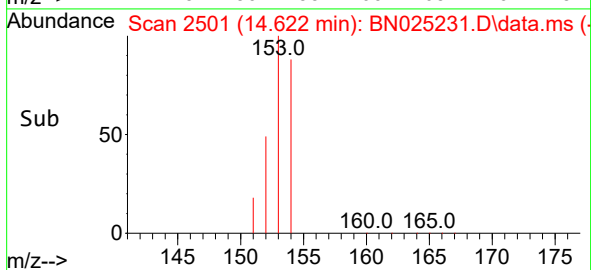
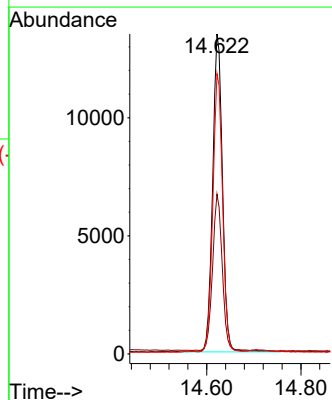
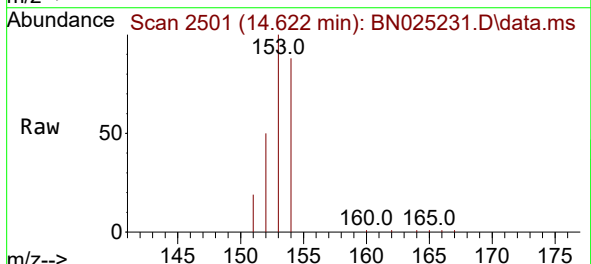
Instrument :
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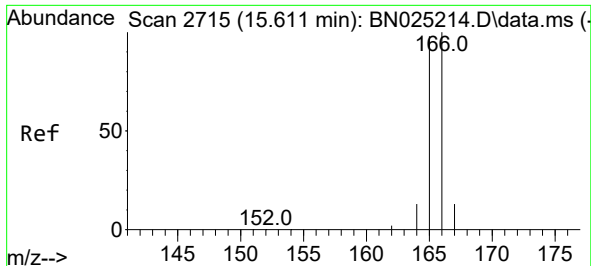
Tgt Ion:152 Resp: 27461
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.622 min Scan# 2501
Delta R.T. 0.001 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

Tgt Ion:153 Resp: 19480
Ion Ratio Lower Upper
153 100
152 49.9 40.2 60.4
154 87.6 69.4 104.2

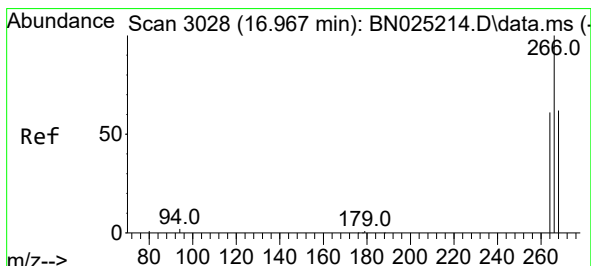
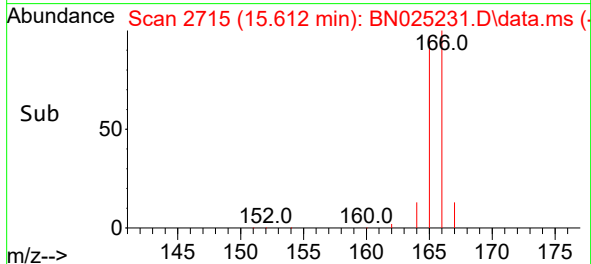
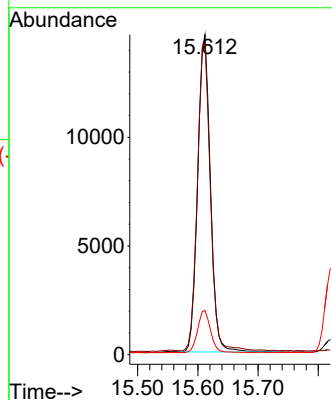
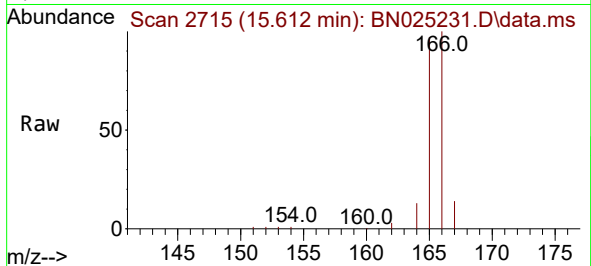




#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.612 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

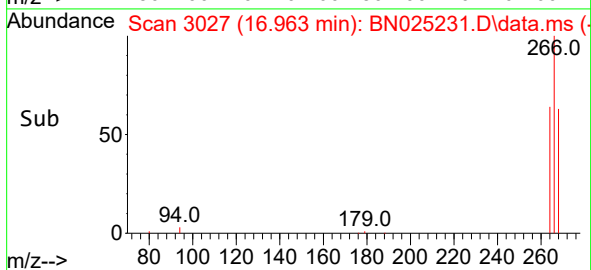
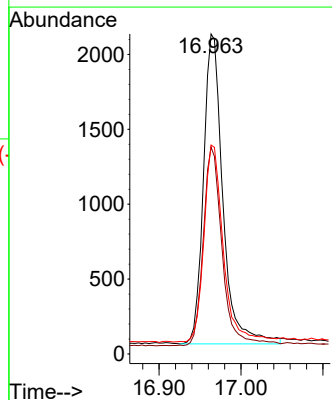
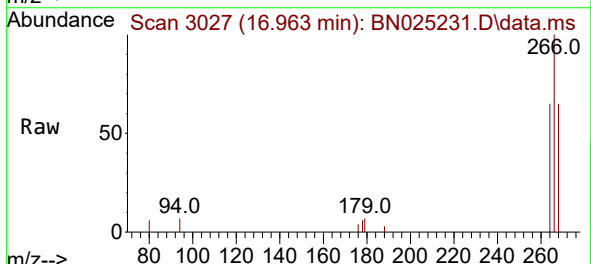
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ClientSampleId :
SSTD0.4289

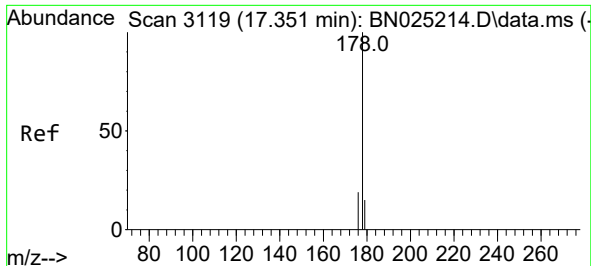
Tgt Ion:166 Resp: 21458
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.521 ng/ul
RT: 16.963 min Scan# 3027
Delta R.T. -0.003 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

Tgt Ion:266 Resp: 3406
Ion Ratio Lower Upper
266 100
264 62.3 49.6 74.4
268 63.6 51.3 76.9

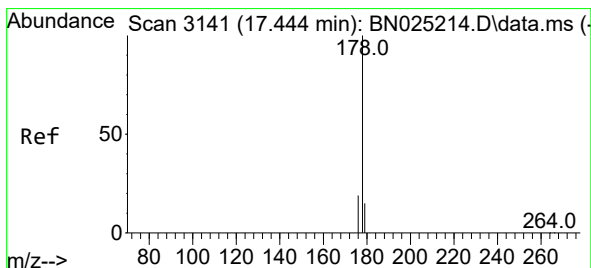
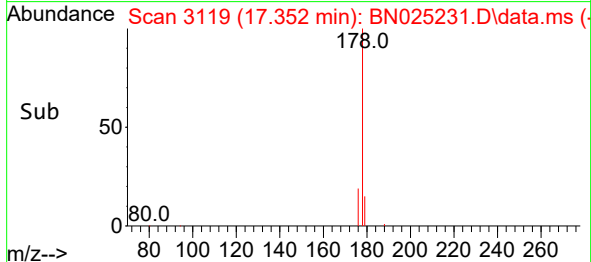
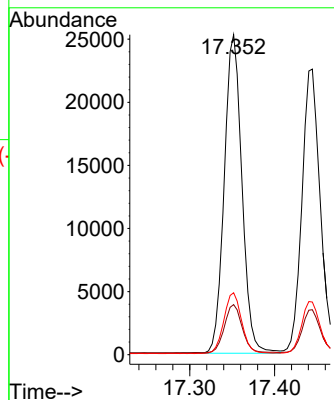
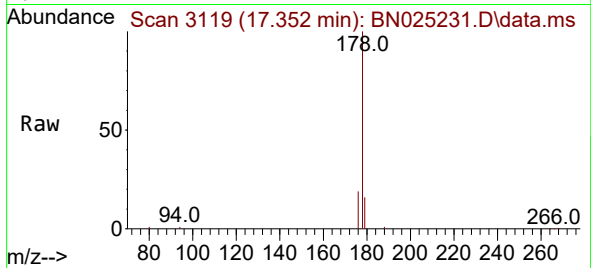




#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

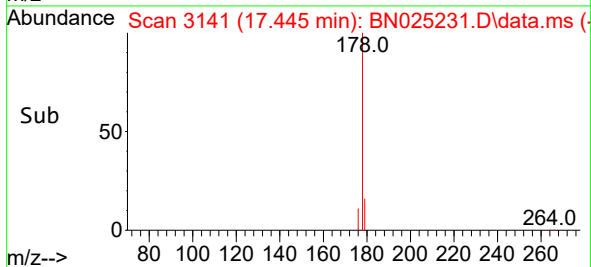
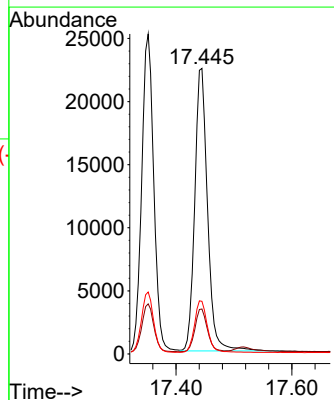
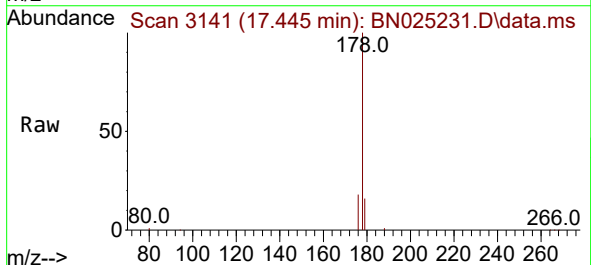
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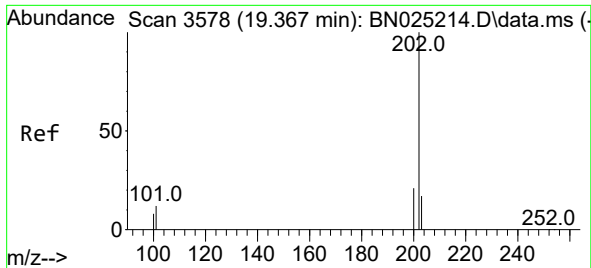
Tgt Ion:178 Resp: 36578
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.447 ng/ul
RT: 17.445 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

Tgt Ion:178 Resp: 34329
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 18.5 15.3 22.9

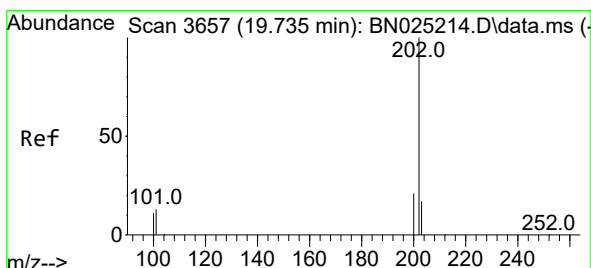
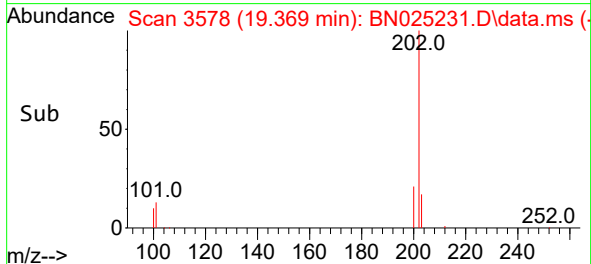
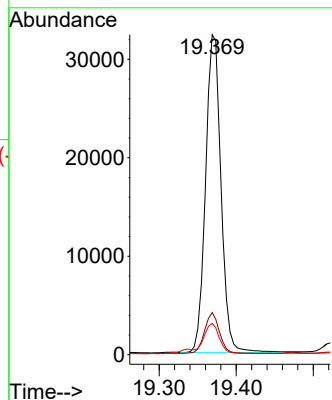
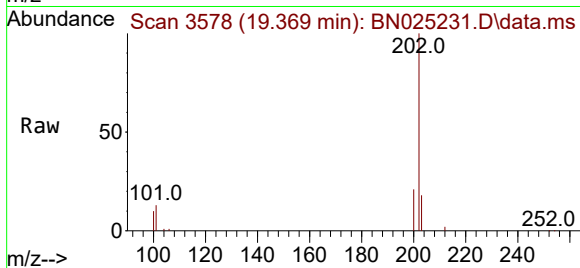




#19
Fluoranthene
Concen: 0.410 ng/ul
RT: 19.369 min Scan# 3578
Delta R.T. 0.001 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

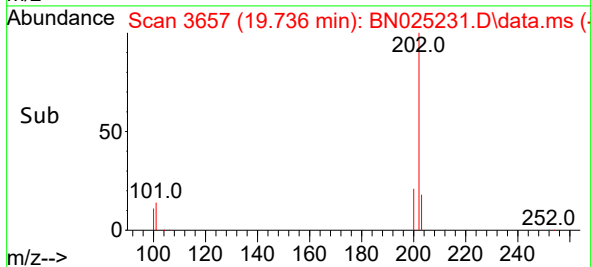
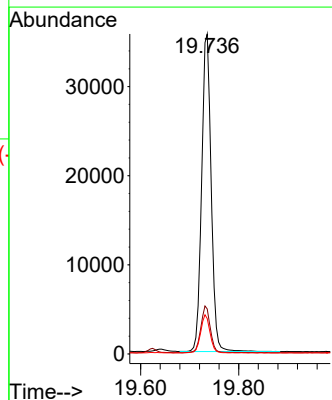
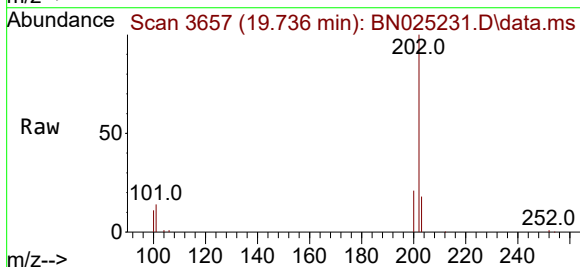
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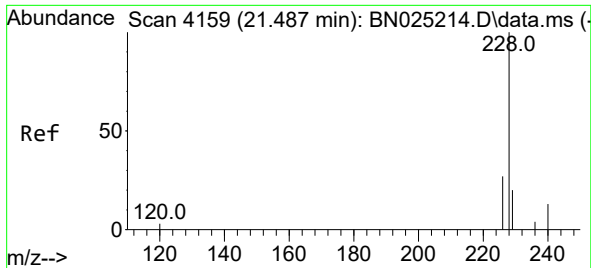
Tgt Ion:202 Resp: 45047
Ion Ratio Lower Upper
202 100
101 13.2 9.7 14.5
100 9.8 7.3 10.9



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.736 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

Tgt Ion:202 Resp: 47928
Ion Ratio Lower Upper
202 100
101 14.0 11.3 16.9
100 11.1 9.2 13.8

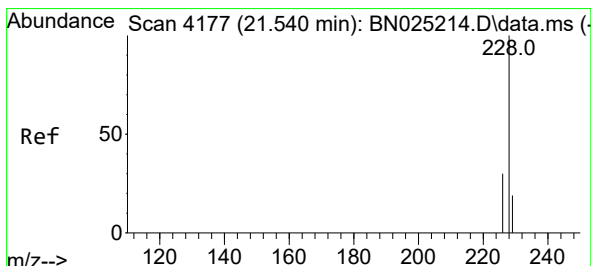
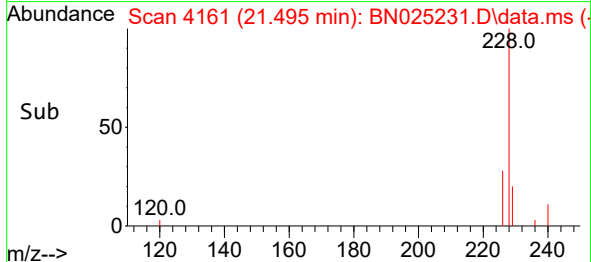
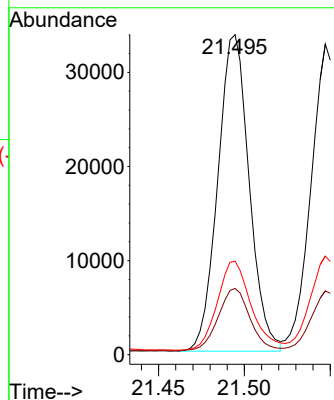
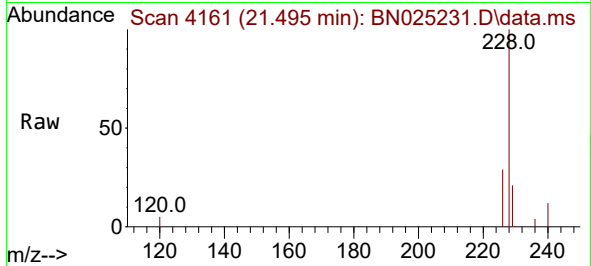




#21
Benzo(a)anthracene
Concen: 0.467 ng/ul
RT: 21.495 min Scan# 41
Delta R.T. 0.007 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

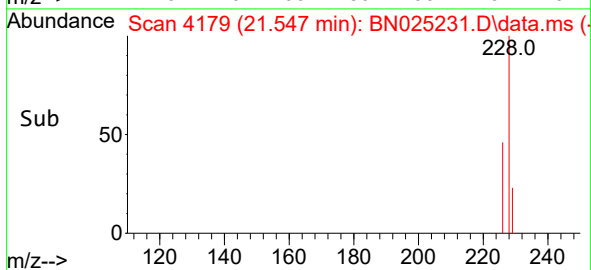
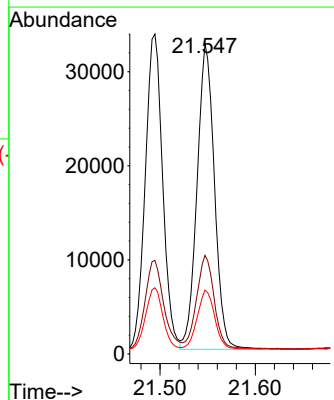
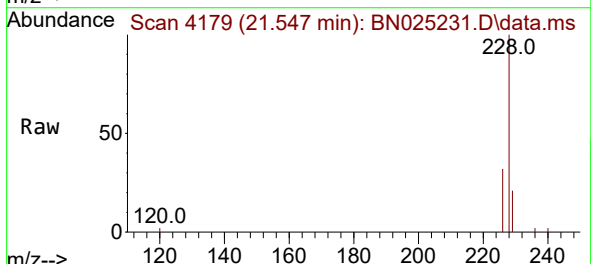
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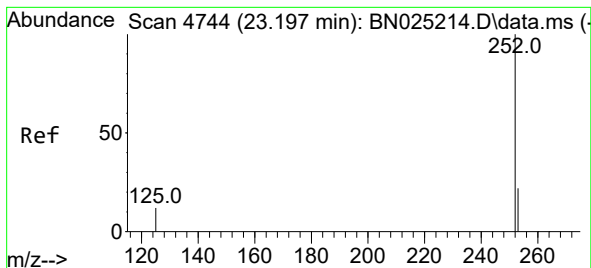
Tgt Ion:228 Resp: 42744
Ion Ratio Lower Upper
228 100
229 20.7 15.6 23.4
226 29.2 22.1 33.1



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.547 min Scan# 4179
Delta R.T. 0.007 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

Tgt Ion:228 Resp: 41287
Ion Ratio Lower Upper
228 100
226 31.7 24.5 36.7
229 20.5 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.366 ng/ul

RT: 23.196 min Scan# 41

Delta R.T. -0.002 min

Lab File: BN025231.D

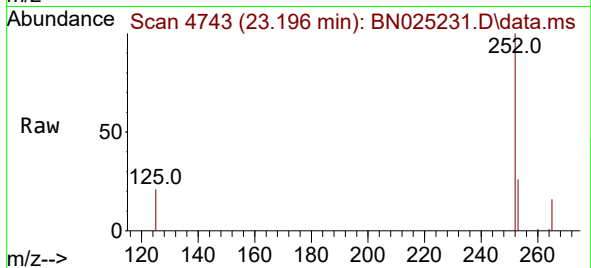
Acq: 02 May 2023 22:10

Instrument :

BNA_N

ClientSampleId :

SSTD0.4289



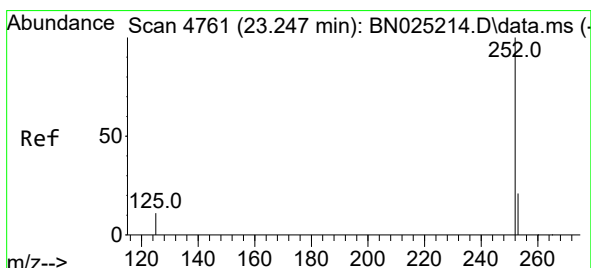
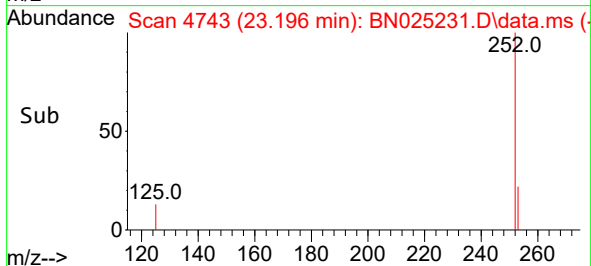
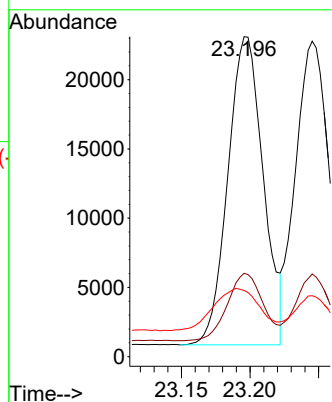
Tgt Ion:252 Resp: 39846

Ion Ratio Lower Upper

252 100

253 26.1 0.0 50.2

125 20.7 0.0 30.4



#25

Benzo(k)fluoranthene

Concen: 0.359 ng/ul

RT: 23.245 min Scan# 4760

Delta R.T. -0.002 min

Lab File: BN025231.D

Acq: 02 May 2023 22:10

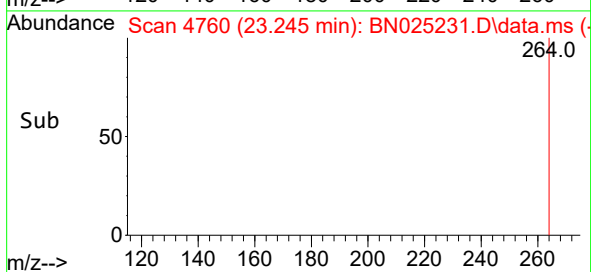
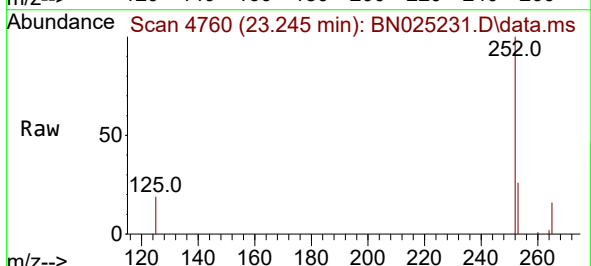
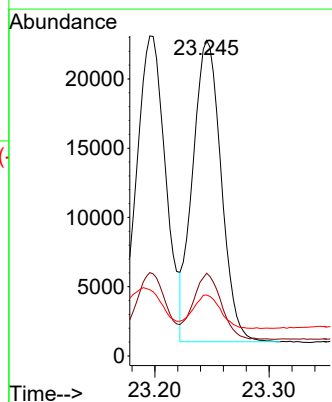
Tgt Ion:252 Resp: 37591

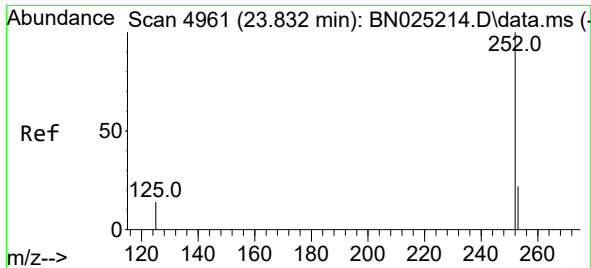
Ion Ratio Lower Upper

252 100

253 26.2 20.2 30.4

125 19.3 11.8 17.8#

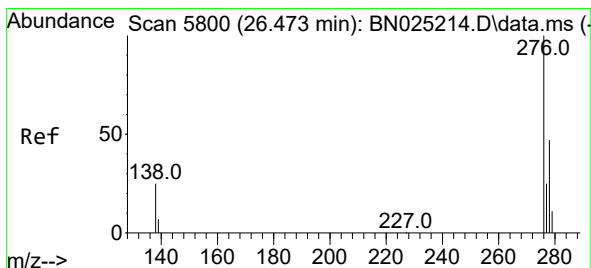
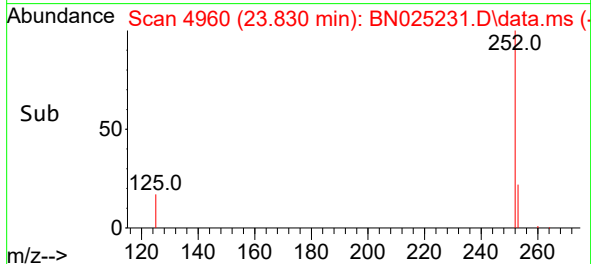
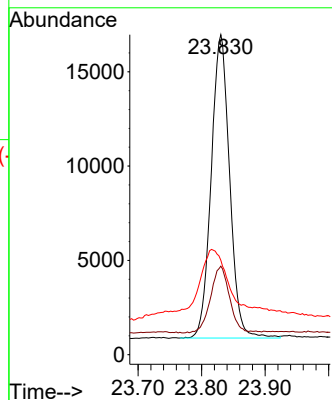
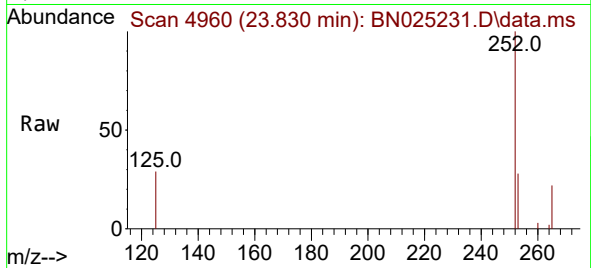




#26
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 23.830 min Scan# 4961
Delta R.T. -0.002 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

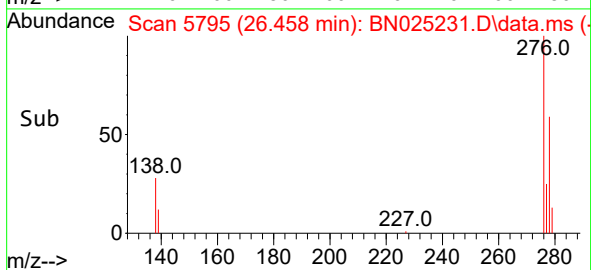
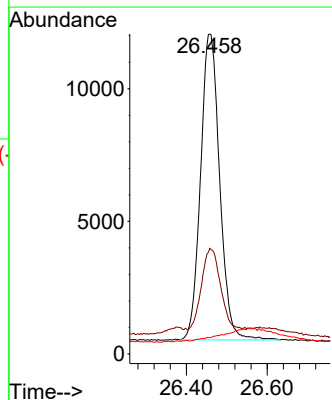
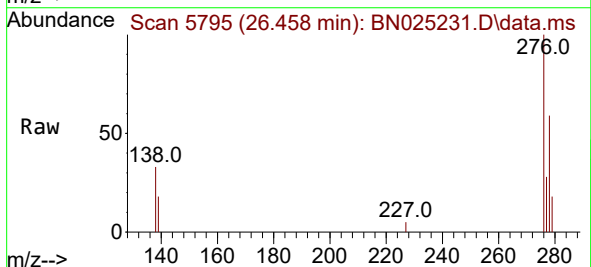
Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

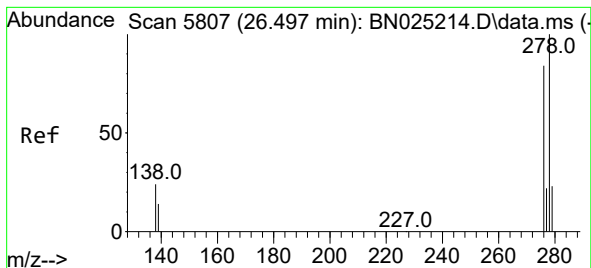
Tgt Ion:252 Resp: 32460
Ion Ratio Lower Upper
252 100
253 27.7 21.4 32.2
125 29.5 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.458 min Scan# 5795
Delta R.T. -0.015 min
Lab File: BN025231.D
Acq: 02 May 2023 22:10

Tgt Ion:276 Resp: 37887
Ion Ratio Lower Upper
276 100
138 31.0 21.9 32.9
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.374 ng/ul

RT: 26.474 min Scan# 5807

Delta R.T. -0.022 min

Lab File: BN025231.D

Acq: 02 May 2023 22:10

Instrument :

BNA_N

ClientSampleId :

SSTD0.4289

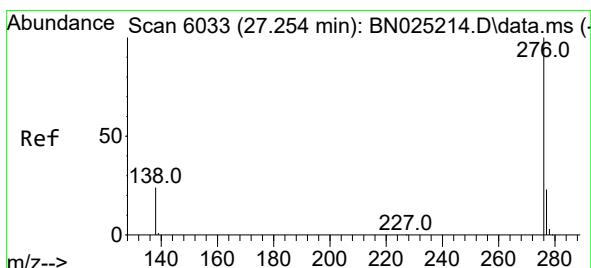
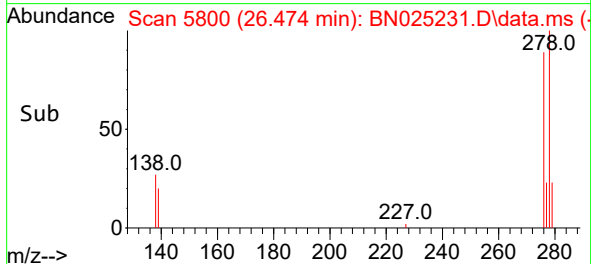
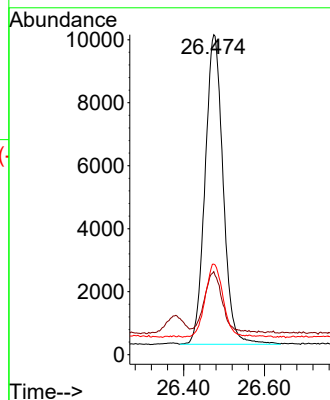
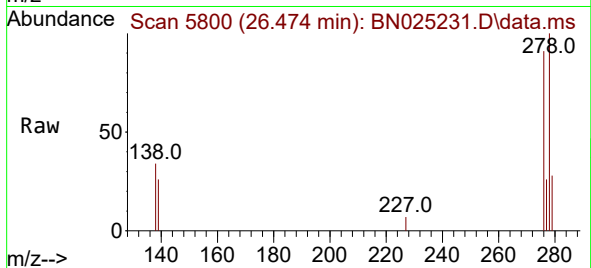
Tgt Ion:278 Resp: 30345

Ion Ratio Lower Upper

278 100

139 26.0 17.0 25.6#

279 28.3 21.8 32.8



#29

Benzo(g,h,i)perylene

Concen: 0.359 ng/ul

RT: 27.232 min Scan# 6026

Delta R.T. -0.022 min

Lab File: BN025231.D

Acq: 02 May 2023 22:10

Tgt Ion:276 Resp: 31659

Ion Ratio Lower Upper

276 100

138 29.8 20.3 30.5

277 26.3 19.8 29.6

