

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040723\
 Data File : BN024813.D
 Acq On : 07 Apr 2023 15:42
 Operator : CG/JU
 Sample : SSTD0.490
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4204

Quant Time: Apr 08 00:37:45 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 18:05:25 2023
 Response via : Initial Calibration

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

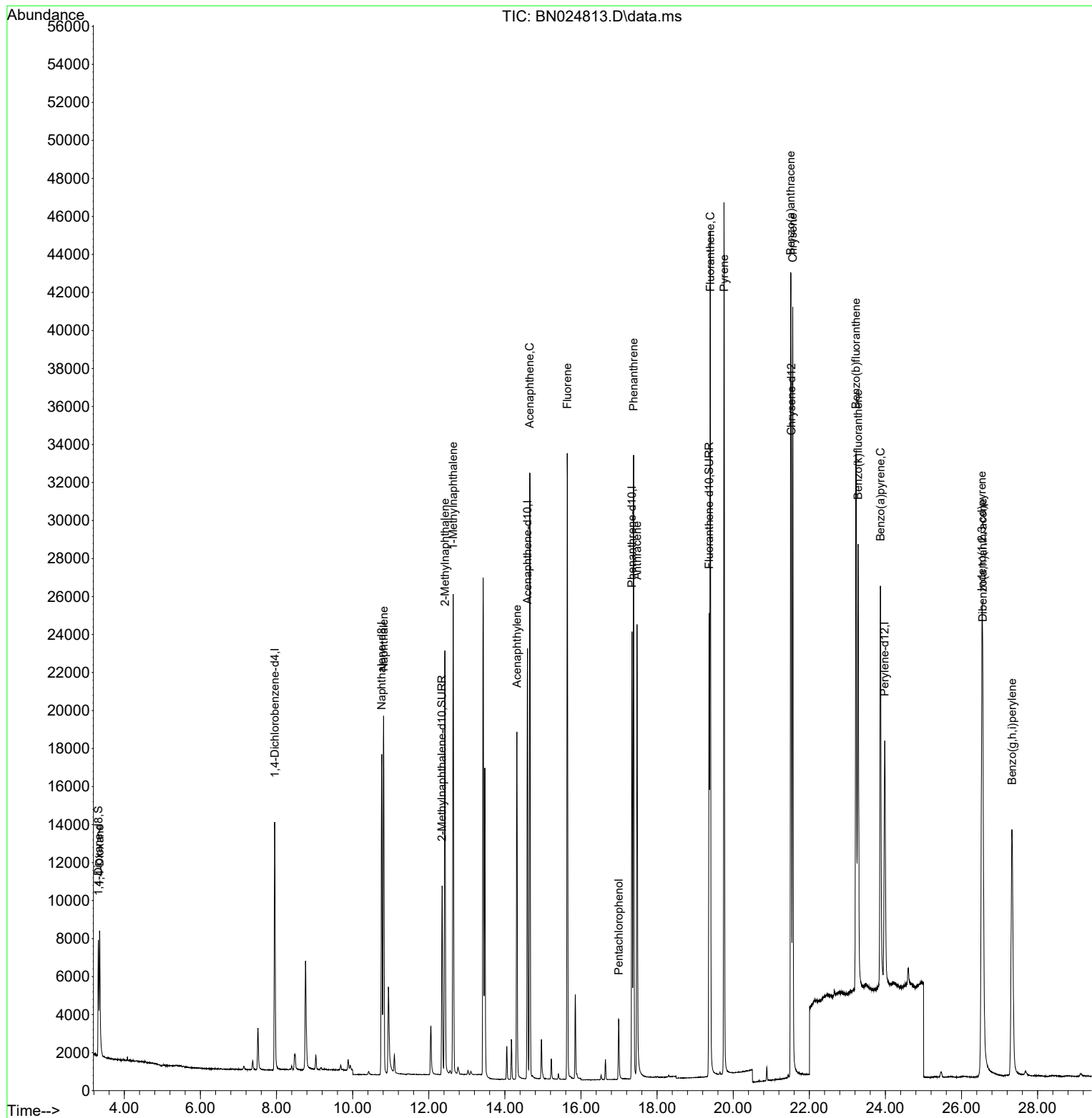
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7273	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	22098	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.594	164	12093	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.339	188	26416	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	22414	0.400	ng/ul	0.00
23) Perylene-d12	23.982	264	20671	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	3809	0.480	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	13239	0.467	ng/ul	0.00
18) Fluoranthene-d10	19.369	212	27151	0.488	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	4231	0.484	ng/ul	100
5) Naphthalene	10.814	128	26361	0.468	ng/ul	100
7) 2-Methylnaphthalene	12.425	142	16353	0.467	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	17138	0.462	ng/ul	100
10) Acenaphthylene	14.317	152	21292	0.469	ng/ul	100
11) Acenaphthene	14.654	153	18542	0.477	ng/ul	100
12) Fluorene	15.640	166	20812	0.478	ng/ul	100
14) Pentachlorophenol	16.993	266	2287	0.406	ng/ul	100
15) Phenanthrene	17.381	178	34457	0.463	ng/ul	100
16) Anthracene	17.474	178	28319	0.458	ng/ul	100
19) Fluoranthene	19.397	202	37981	0.492	ng/ul	100
20) Pyrene	19.759	202	38604	0.488	ng/ul	100
21) Benzo(a)anthracene	21.509	228	33581	0.474	ng/ul	100
22) Chrysene	21.565	228	37096	0.484	ng/ul	100
24) Benzo(b)fluoranthene	23.228	252	38889	0.469	ng/ul	100
25) Benzo(k)fluoranthene	23.281	252	37546	0.464	ng/ul	100
26) Benzo(a)pyrene	23.868	252	32222	0.469	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.535	276	37605	0.463	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.558	278	29310	0.460	ng/ul	100
29) Benzo(g,h,i)perylene	27.326	276	31451	0.458	ng/ul	100

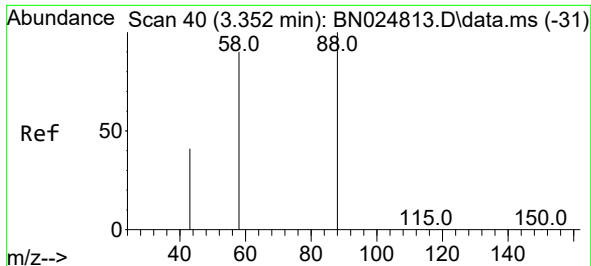
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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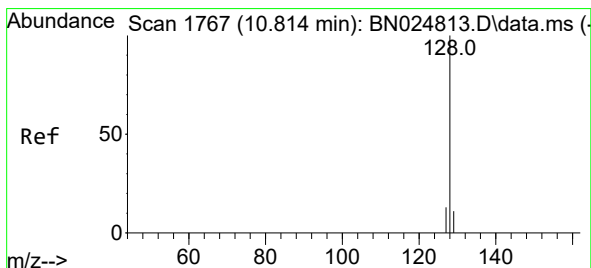
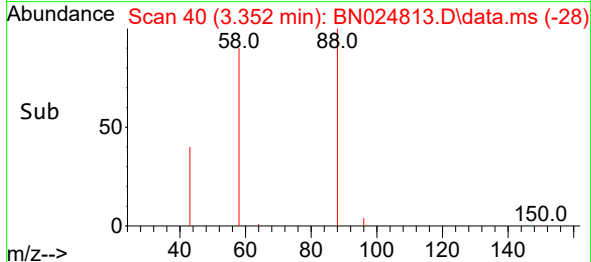
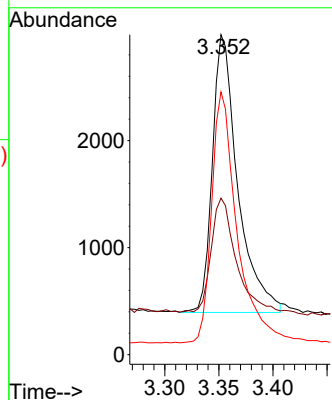
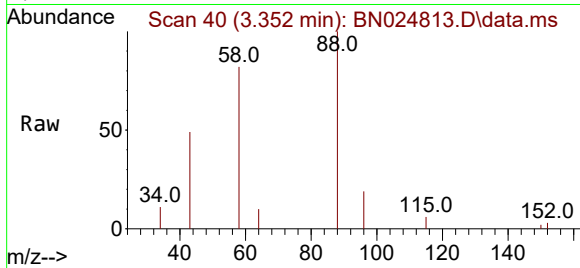




#2
1,4-Dioxane
Concen: 0.484 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

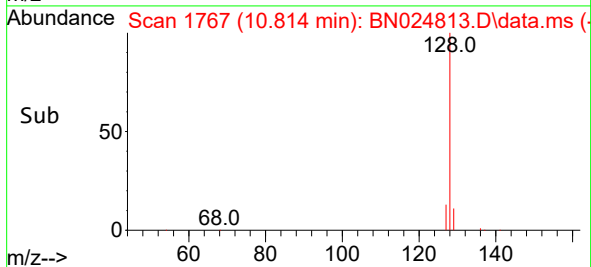
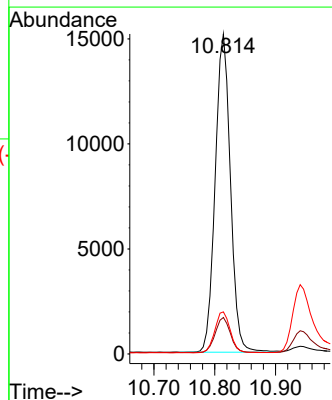
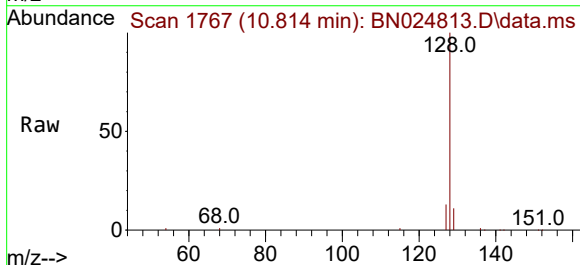
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

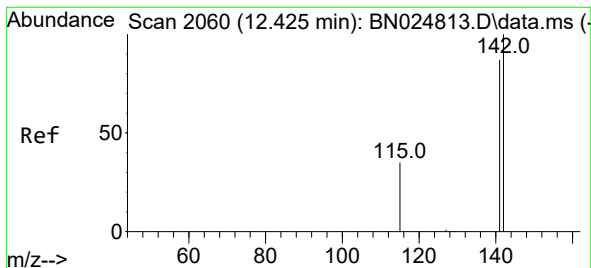
Tgt Ion: 88 Resp: 4231
Ion Ratio Lower Upper
88 100
43 48.9 39.1 58.7
58 82.1 65.7 98.5



#5
Naphthalene
Concen: 0.468 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

Tgt Ion: 128 Resp: 26361
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.1 10.5 15.7

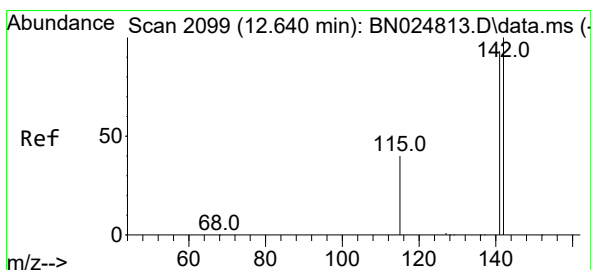
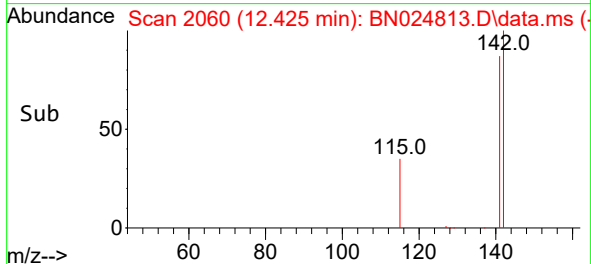
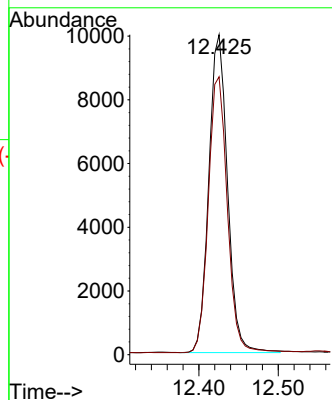
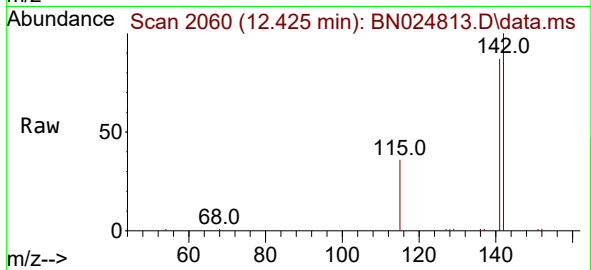




#7
2-Methylnaphthalene
Concen: 0.467 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

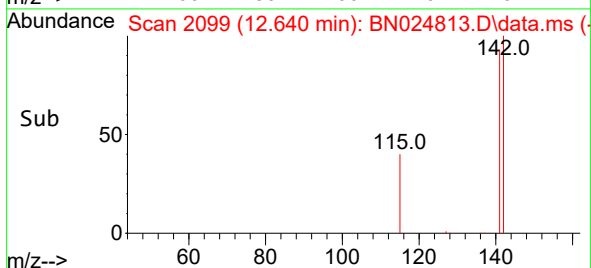
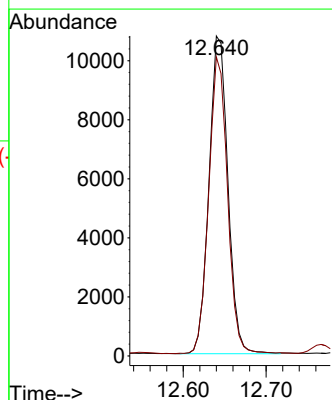
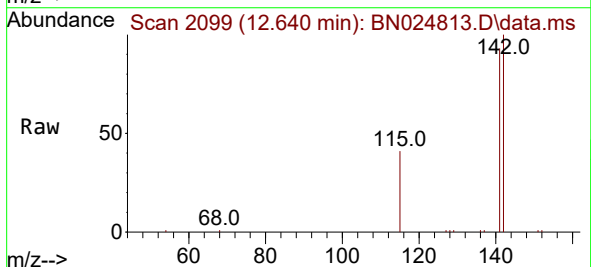
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

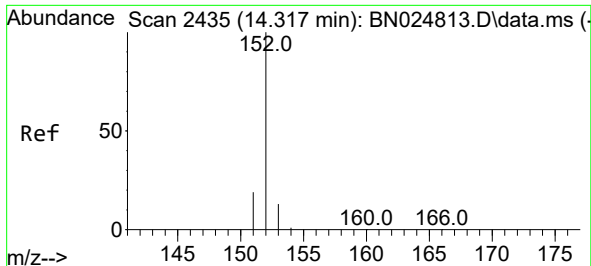
Tgt Ion:142 Resp: 16353
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.462 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

Tgt Ion:142 Resp: 17138
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0

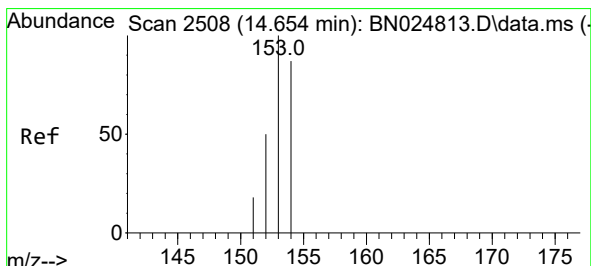
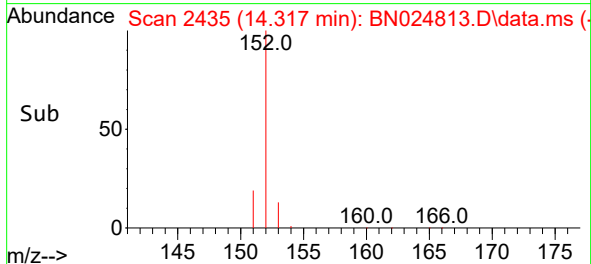
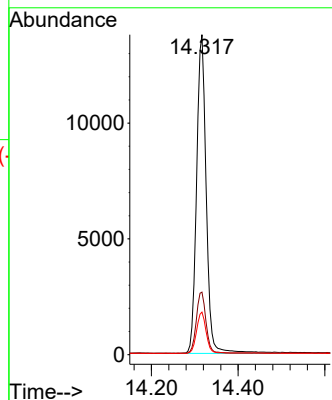
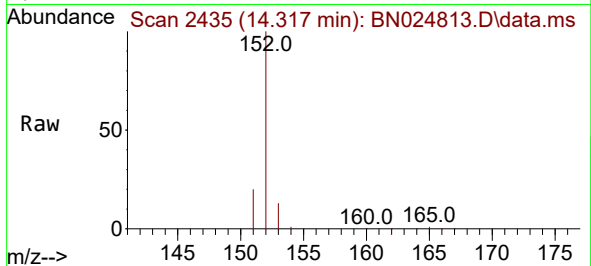




#10
Acenaphthylene
Concen: 0.469 ng/ul
RT: 14.317 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

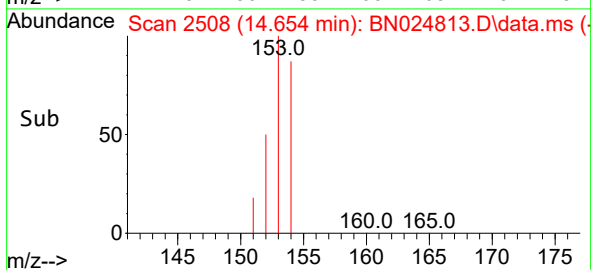
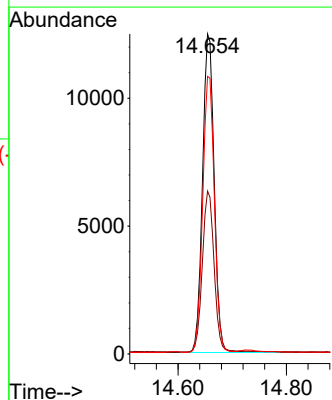
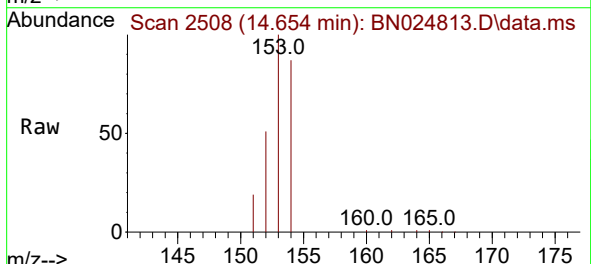
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

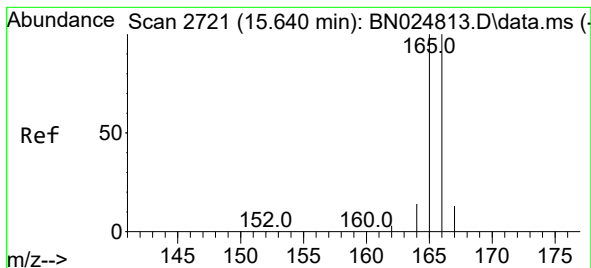
Tgt Ion:152 Resp: 21292
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.477 ng/ul
RT: 14.654 min Scan# 2508
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

Tgt Ion:153 Resp: 18542
Ion Ratio Lower Upper
153 100
152 50.9 40.7 61.1
154 86.8 69.4 104.2





#12

Fluorene

Concen: 0.478 ng/ul

RT: 15.640 min Scan# 2721

Delta R.T. 0.000 min

Lab File: BN024813.D

Acq: 07 Apr 2023 15:42

Instrument :

BNA_N

ClientSampleId :

SSTD0.4204

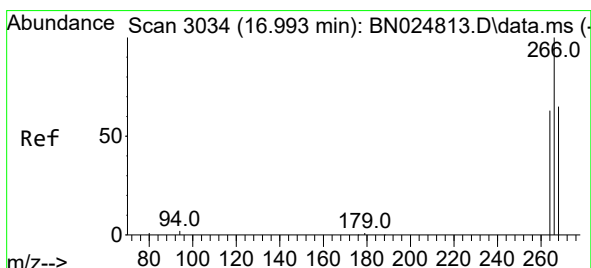
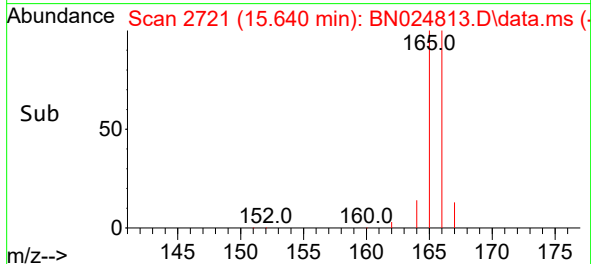
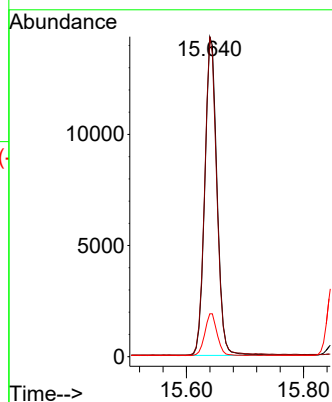
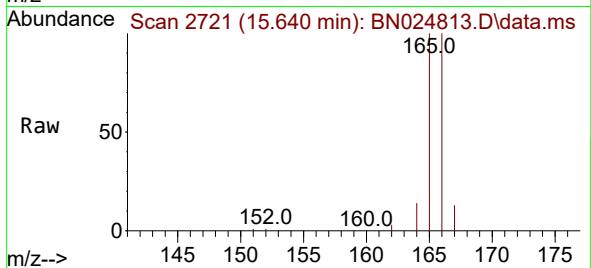
Tgt Ion:166 Resp: 20812

Ion Ratio Lower Upper

166 100

165 100.1 80.1 120.1

167 13.4 10.7 16.1



#14

Pentachlorophenol

Concen: 0.406 ng/ul

RT: 16.993 min Scan# 3034

Delta R.T. 0.000 min

Lab File: BN024813.D

Acq: 07 Apr 2023 15:42

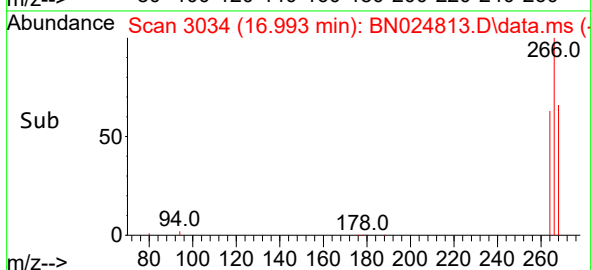
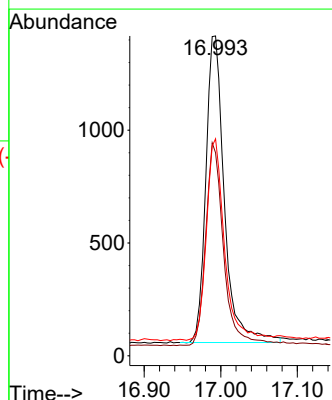
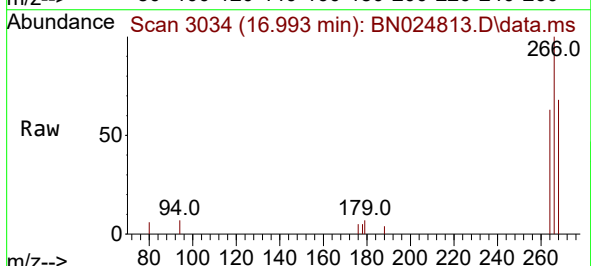
Tgt Ion:266 Resp: 2287

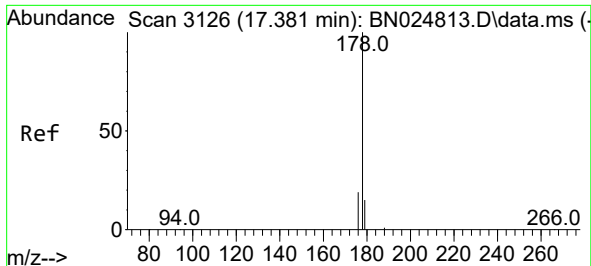
Ion Ratio Lower Upper

266 100

264 64.0 51.2 76.8

268 64.3 51.4 77.2

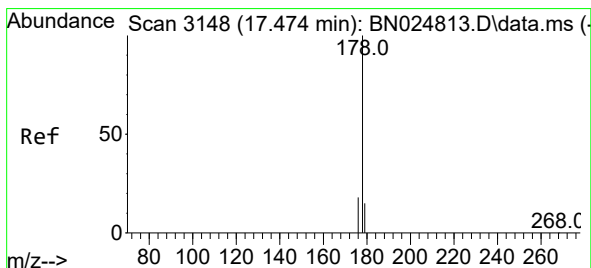
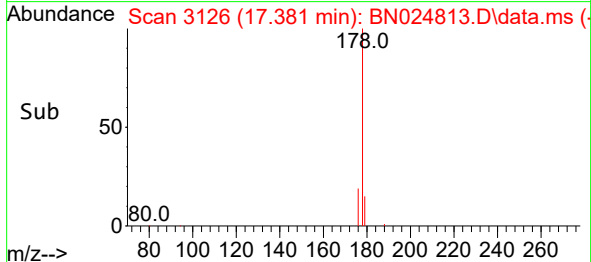
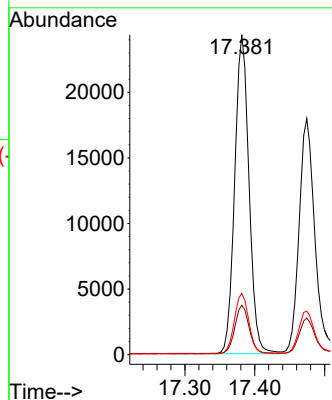
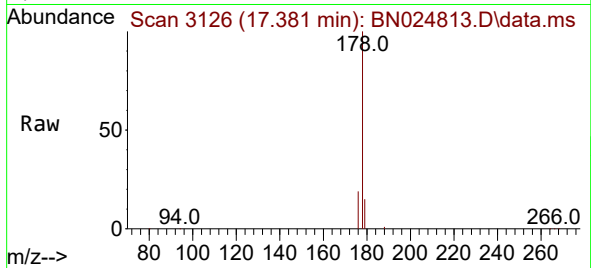




#15
Phenanthrene
Concen: 0.463 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

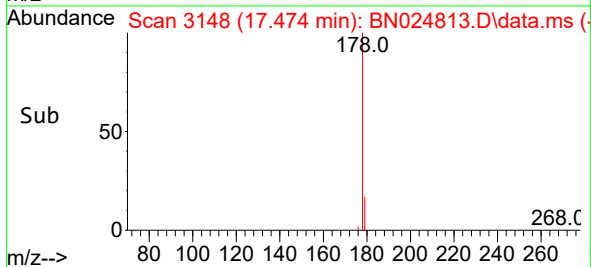
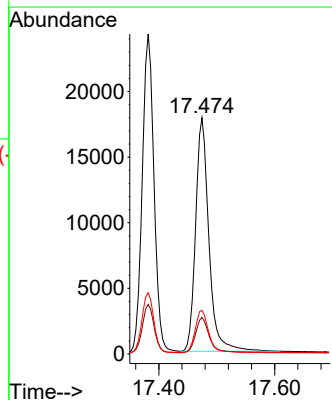
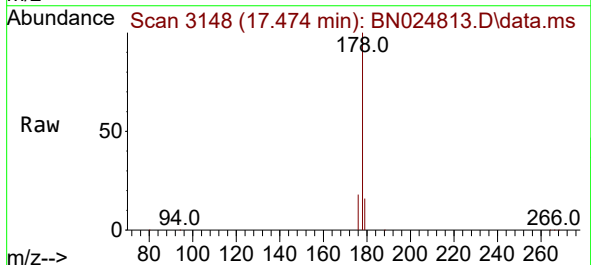
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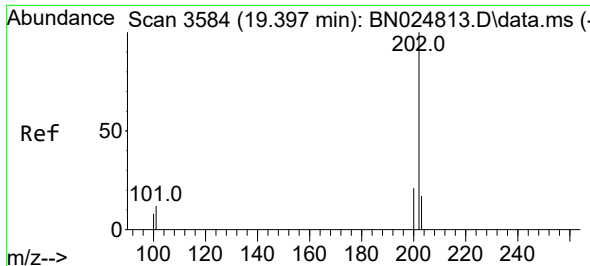
Tgt Ion:178 Resp: 34457
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.2 15.4 23.0



#16
Anthracene
Concen: 0.458 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

Tgt Ion:178 Resp: 28319
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 18.4 14.7 22.1

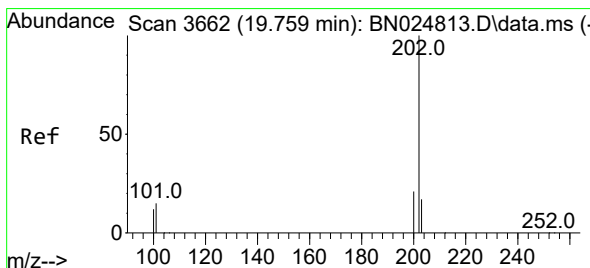
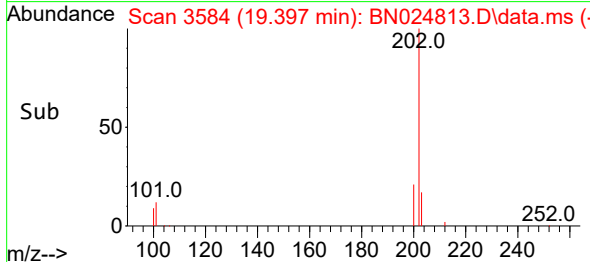
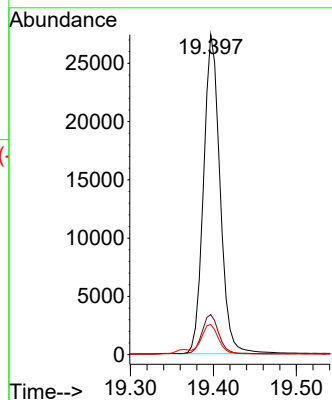
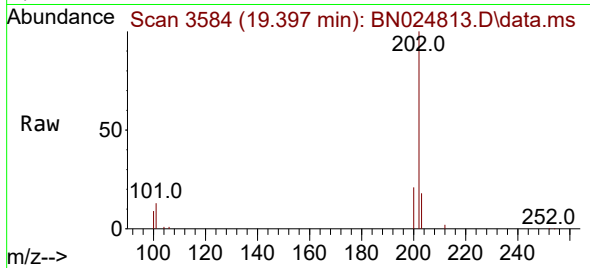




#19
Fluoranthene
Concen: 0.492 ng/ul
RT: 19.397 min Scan# 3584
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

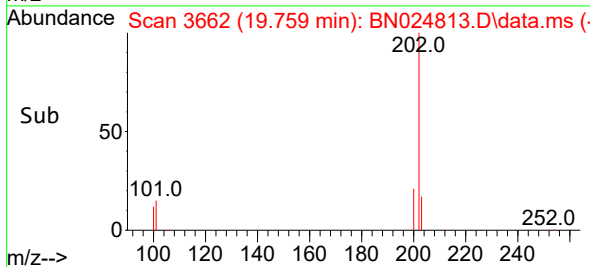
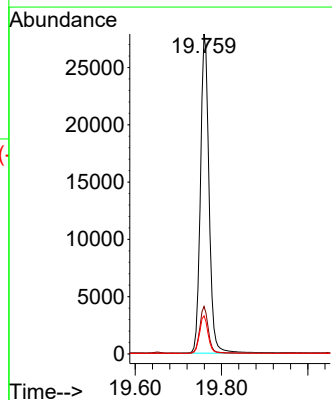
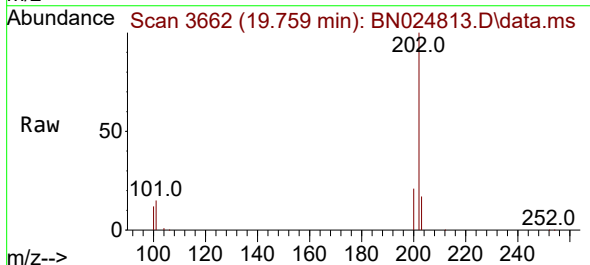
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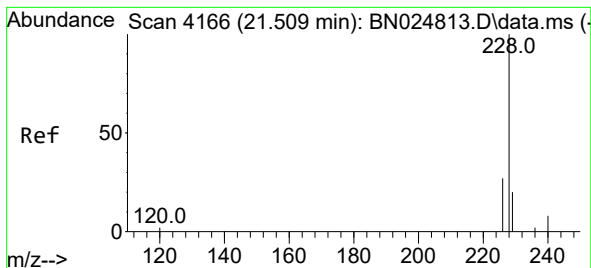
Tgt Ion:202 Resp: 37981
Ion Ratio Lower Upper
202 100
101 12.5 10.0 15.0
100 9.4 7.5 11.3



#20
Pyrene
Concen: 0.488 ng/ul
RT: 19.759 min Scan# 3662
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

Tgt Ion:202 Resp: 38604
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.8
100 11.9 9.5 14.3





#21

Benzo(a)anthracene

Concen: 0.474 ng/ul

RT: 21.509 min Scan# 4166

Delta R.T. 0.000 min

Lab File: BN024813.D

Acq: 07 Apr 2023 15:42

Instrument :

BNA_N

ClientSampleId :

SSTD0.4204

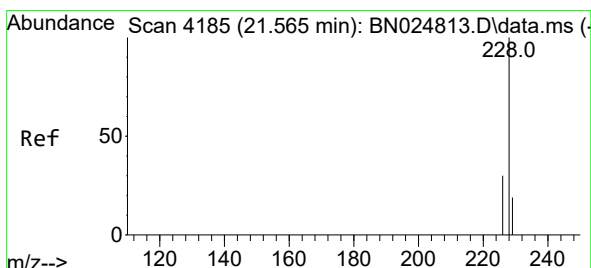
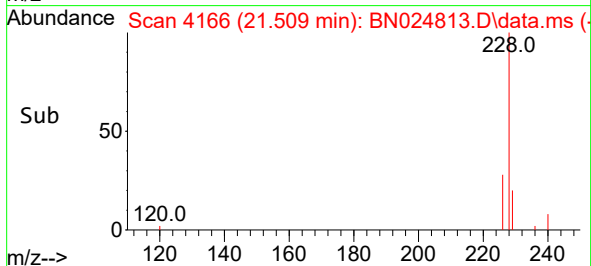
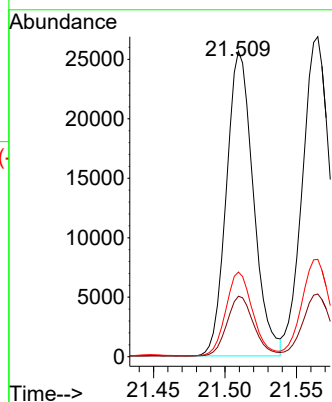
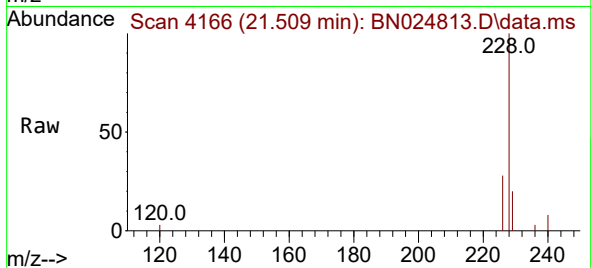
Tgt Ion:228 Resp: 33581

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.8

226 27.7 22.2 33.2



#22

Chrysene

Concen: 0.484 ng/ul

RT: 21.565 min Scan# 4185

Delta R.T. 0.000 min

Lab File: BN024813.D

Acq: 07 Apr 2023 15:42

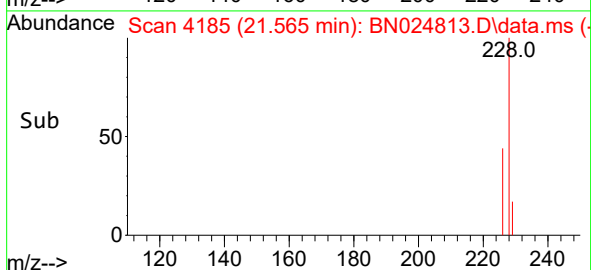
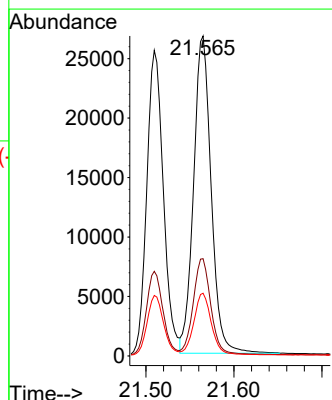
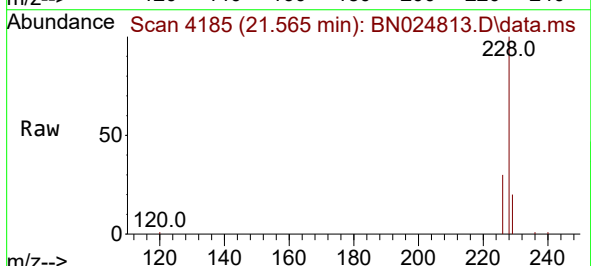
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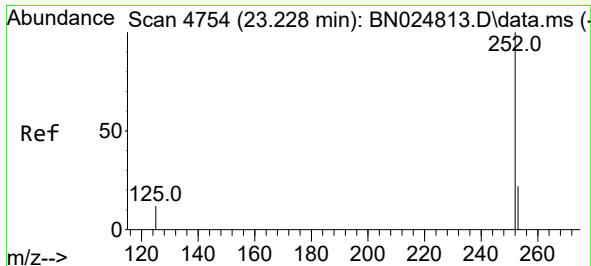
Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

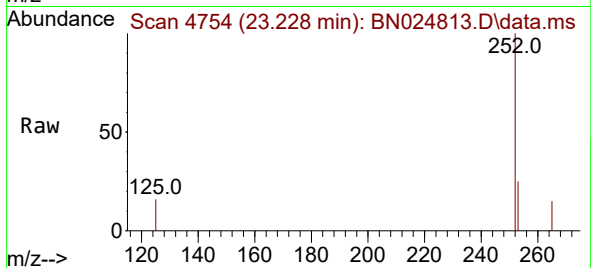
229 19.6 15.7 23.5



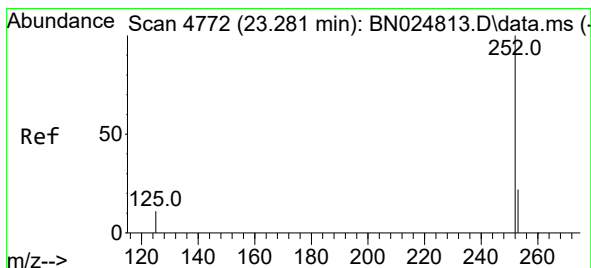
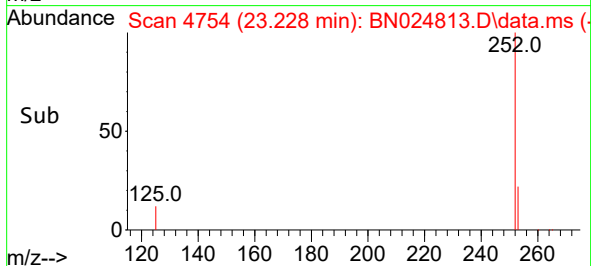
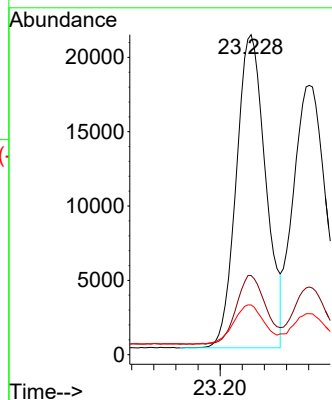


#24
Benzo(b)fluoranthene
Concen: 0.469 ng/ul
RT: 23.228 min Scan# 4754
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

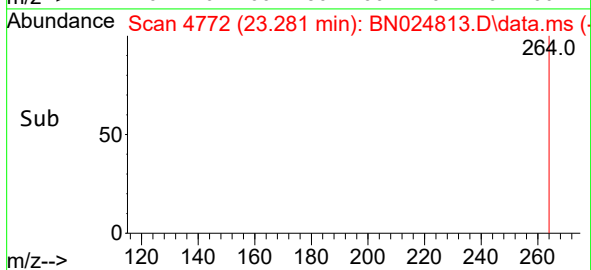
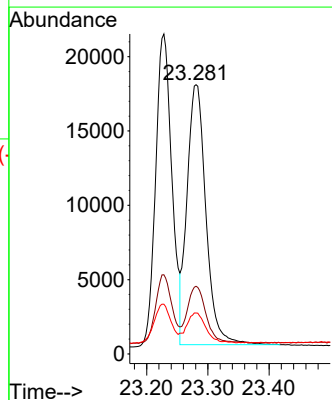
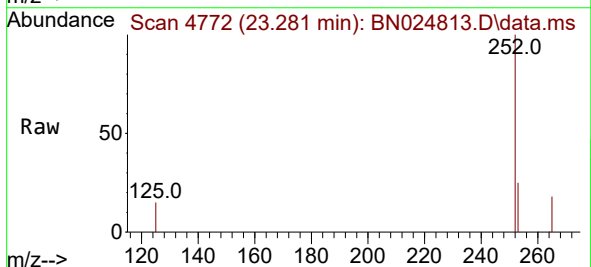


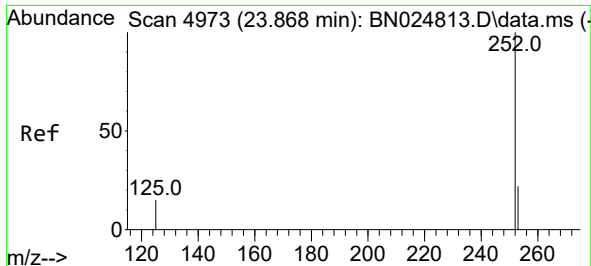
Tgt Ion:252 Resp: 38889
Ion Ratio Lower Upper
252 100
253 24.7 0.0 49.4
125 15.6 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.464 ng/ul
RT: 23.281 min Scan# 4772
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

Tgt Ion:252 Resp: 37546
Ion Ratio Lower Upper
252 100
253 25.1 20.1 30.1
125 15.2 12.2 18.2

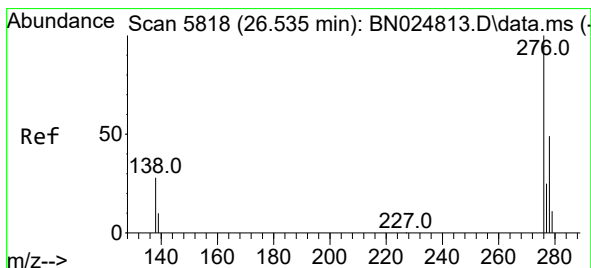
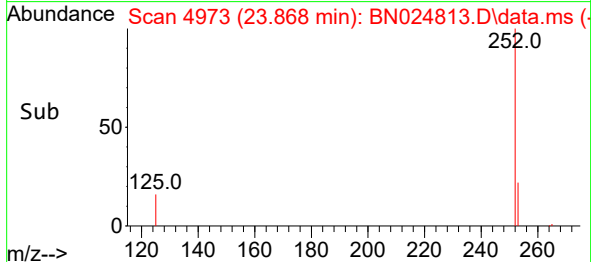
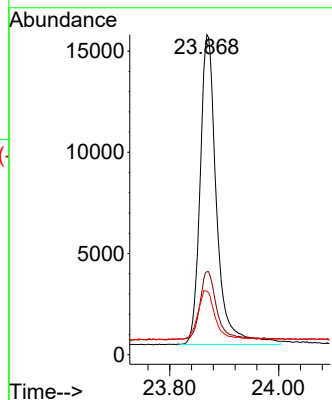
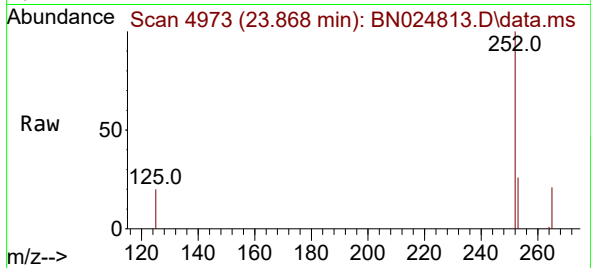




#26
Benzo(a)pyrene
Concen: 0.469 ng/ul
RT: 23.868 min Scan# 4973
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

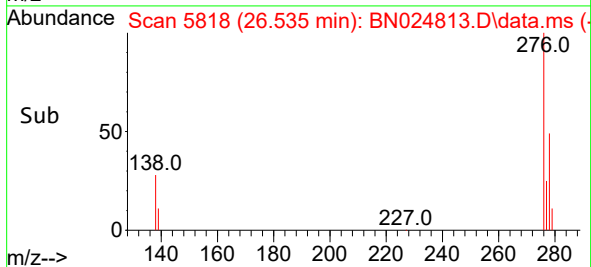
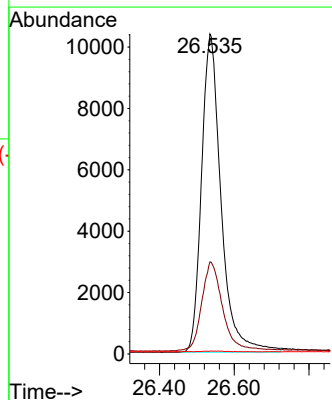
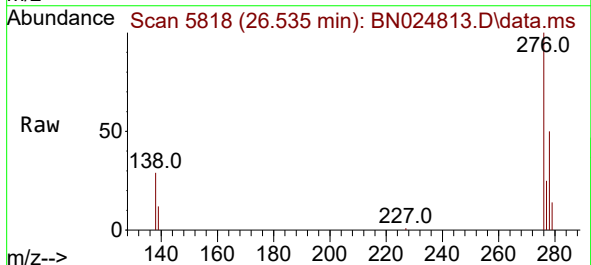
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

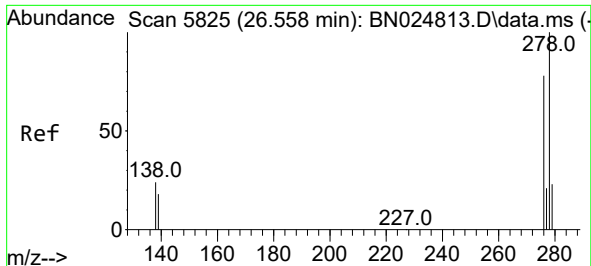
Tgt Ion:252 Resp: 32222
Ion Ratio Lower Upper
252 100
253 25.9 20.7 31.1
125 19.9 15.9 23.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng/ul
RT: 26.535 min Scan# 5818
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

Tgt Ion:276 Resp: 37605
Ion Ratio Lower Upper
276 100
138 30.3 24.2 36.2
227 0.0 0.0 0.0

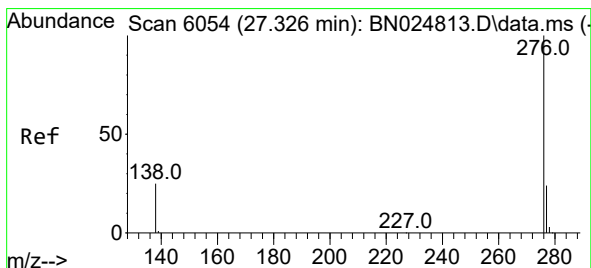
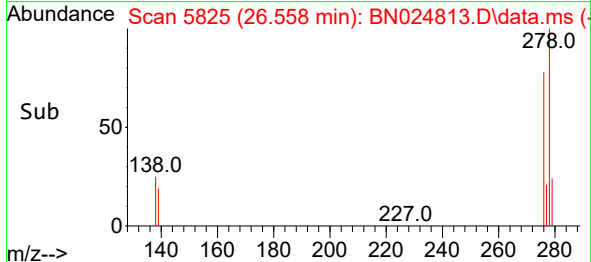
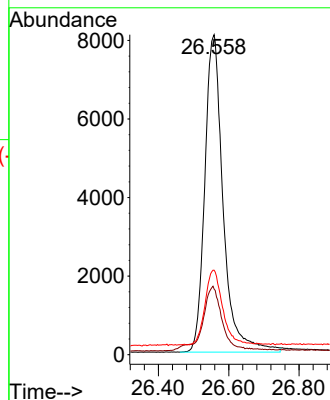
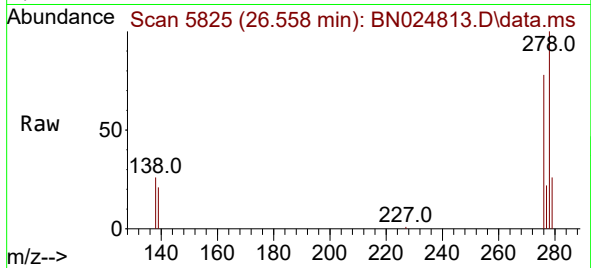




#28
Dibenzo(a,h)anthracene
Concen: 0.460 ng/ul
RT: 26.558 min Scan# 5825
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

Tgt Ion:278 Resp: 29310
Ion Ratio Lower Upper
278 100
139 20.5 16.4 24.6
279 26.4 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.458 ng/ul
RT: 27.326 min Scan# 6054
Delta R.T. 0.000 min
Lab File: BN024813.D
Acq: 07 Apr 2023 15:42

Tgt Ion:276 Resp: 31451
Ion Ratio Lower Upper
276 100
138 26.2 21.0 31.4
277 24.6 19.7 29.5

