

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040723\
 Data File : BN024815.D
 Acq On : 07 Apr 2023 16:55
 Operator : CG/JU
 Sample : SSTD1.692
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6206

Quant Time: Apr 08 00:38:09 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)

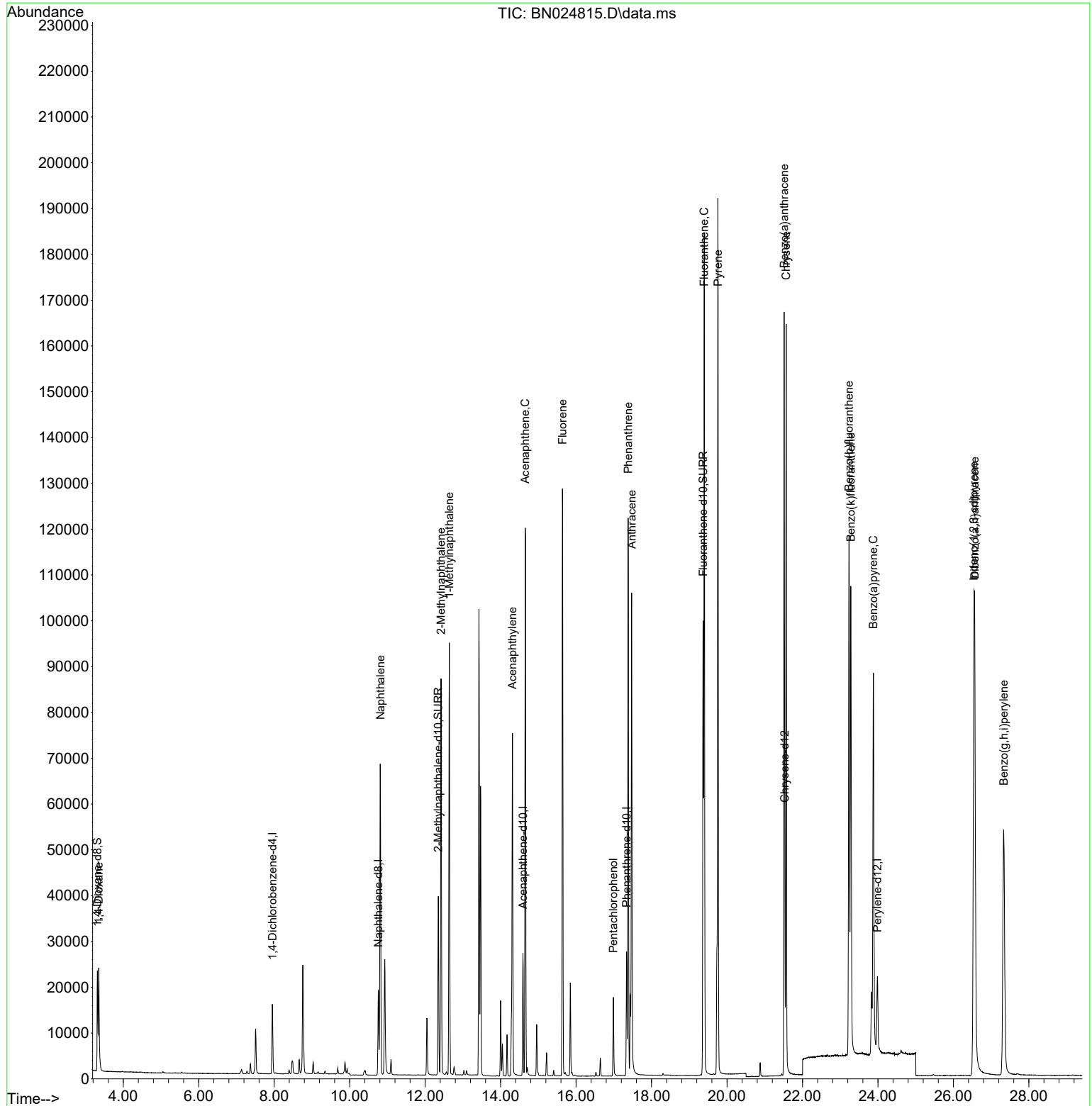
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8172	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	24445	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	14227	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	29973	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	28386	0.400	ng/ul	0.00
23) Perylene-d12	23.984	264	23658	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	13282	1.488	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	48506	1.546	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	105909	1.502	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	14482	1.473	ng/ul	95
5) Naphthalene	10.814	128	93387	1.499	ng/ul	99
7) 2-Methylnaphthalene	12.420	142	59846	1.545	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	62128	1.513	ng/ul	99
10) Acenaphthylene	14.316	152	84762	1.589	ng/ul	100
11) Acenaphthene	14.653	153	68187	1.491	ng/ul	100
12) Fluorene	15.639	166	79057	1.543	ng/ul	100
14) Pentachlorophenol	16.988	266	11066	1.731	ng/ul	99
15) Phenanthrene	17.381	178	127703	1.512	ng/ul	100
16) Anthracene	17.473	178	116128	1.654	ng/ul	100
19) Fluoranthene	19.396	202	148054	1.515	ng/ul	99
20) Pyrene	19.758	202	151112	1.509	ng/ul	100
21) Benzo(a)anthracene	21.514	228	136006	1.517	ng/ul	99
22) Chrysene	21.567	228	142337	1.467	ng/ul	100
24) Benzo(b)fluoranthene	23.233	252	144825	1.526	ng/ul	95
25) Benzo(k)fluoranthene	23.280	252	145628	1.573	ng/ul	94
26) Benzo(a)pyrene	23.879	252	123276	1.566	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.544	276	146960	1.583	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.564	278	116905	1.603	ng/ul	97
29) Benzo(g,h,i)perylene	27.332	276	120732	1.537	ng/ul	99

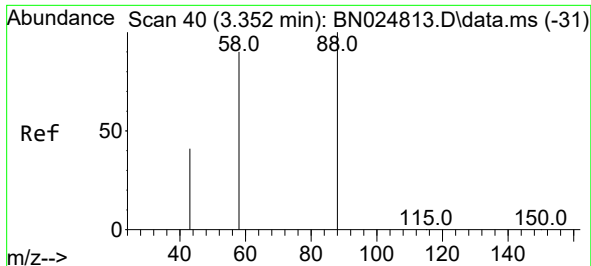
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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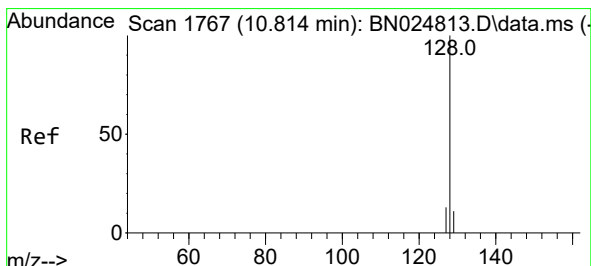
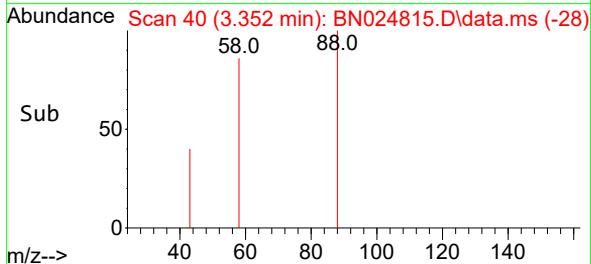
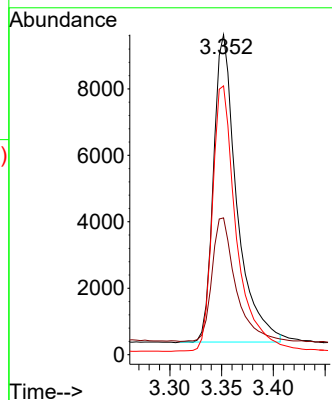
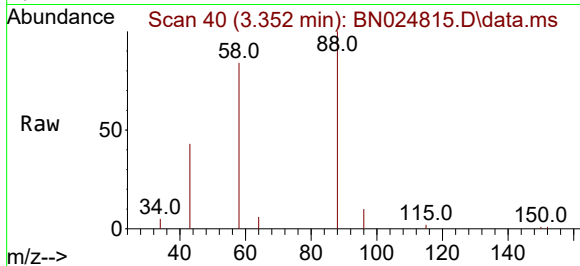




#2
1,4-Dioxane
Concen: 1.473 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. -0.000 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

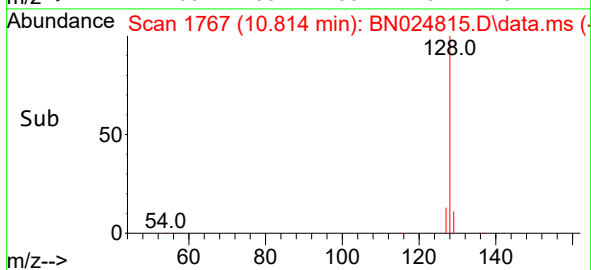
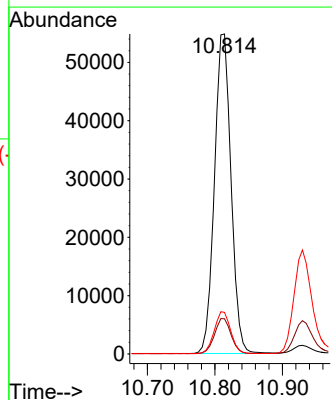
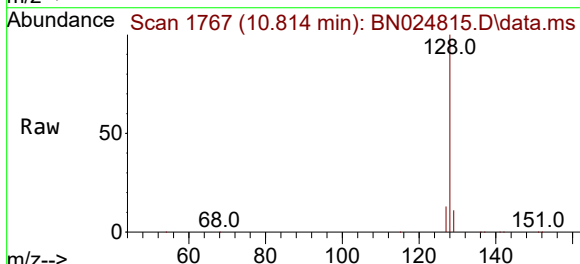
Instrument :
BNA_N
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SSTD1.6206

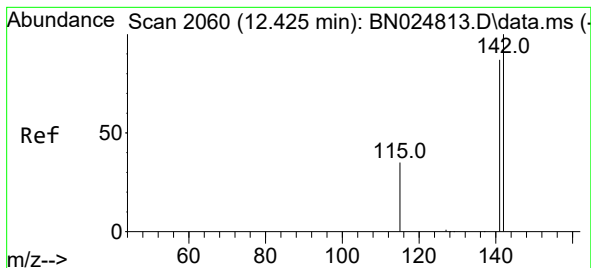
Tgt Ion: 88 Resp: 14482
Ion Ratio Lower Upper
88 100
43 42.8 39.1 58.7
58 84.0 65.7 98.5



#5
Naphthalene
Concen: 1.499 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

Tgt Ion: 128 Resp: 93387
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.0 10.5 15.7

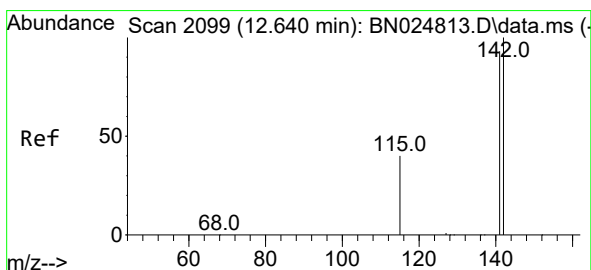
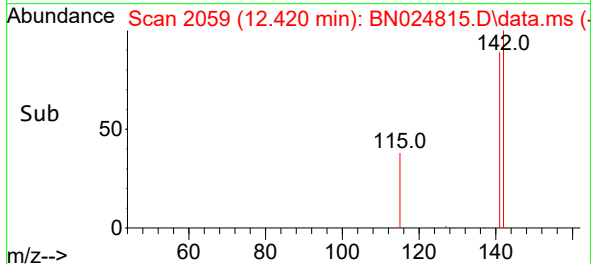
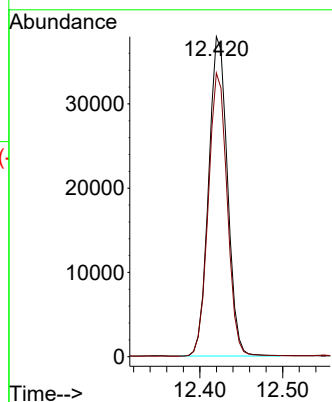
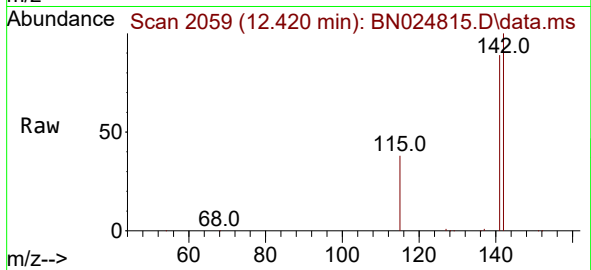




#7
2-Methylnaphthalene
Concen: 1.545 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

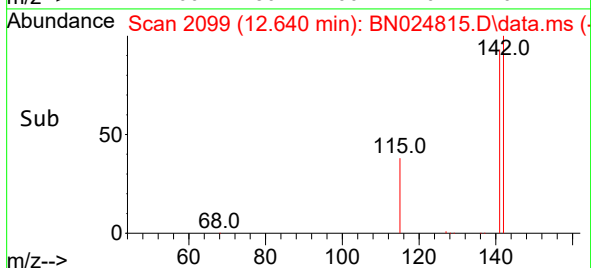
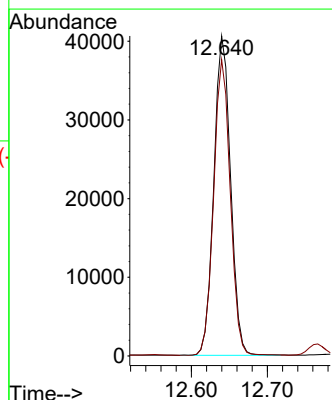
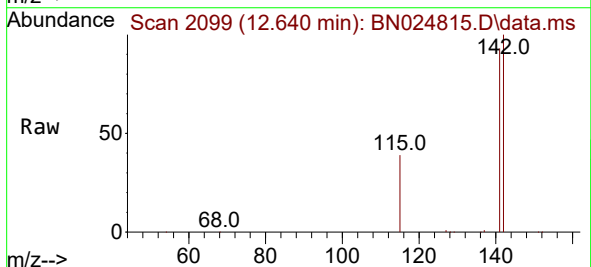
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

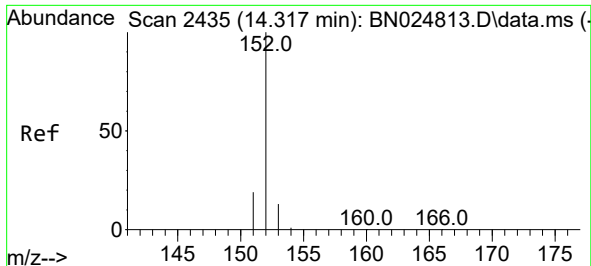
Tgt Ion:142 Resp: 59846
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1



#8
1-Methylnaphthalene
Concen: 1.513 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

Tgt Ion:142 Resp: 62128
Ion Ratio Lower Upper
142 100
141 92.0 74.0 111.0

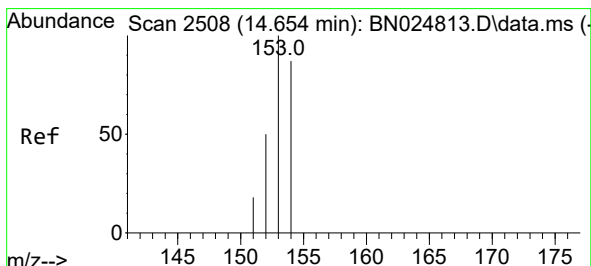
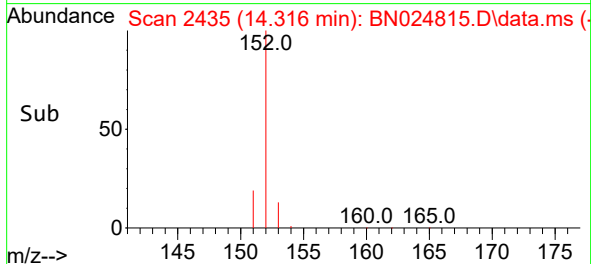
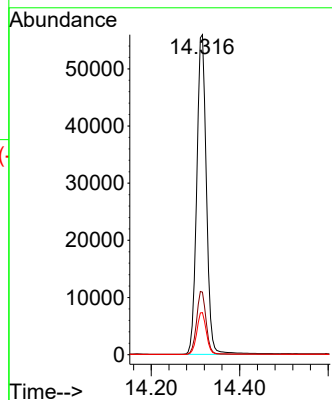
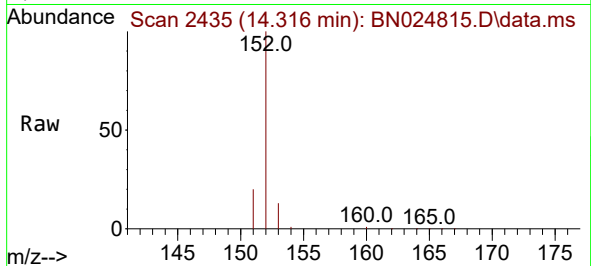




#10
Acenaphthylene
Concen: 1.589 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

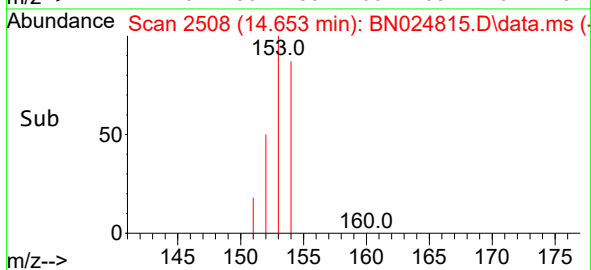
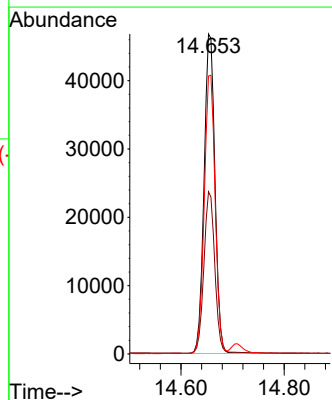
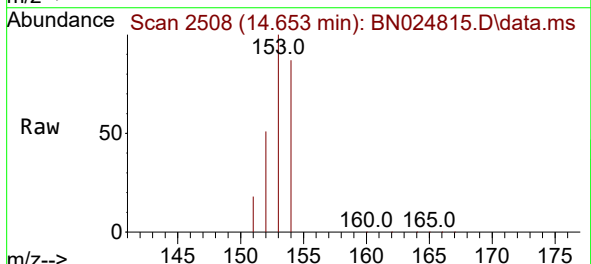
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

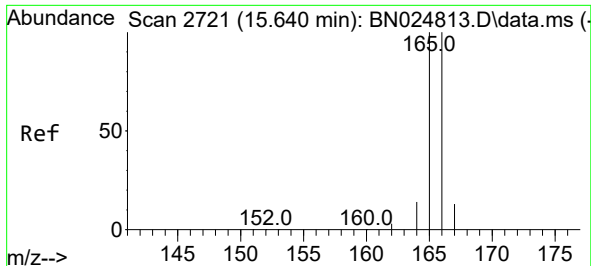
Tgt Ion:152 Resp: 84762
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.2 10.6 16.0



#11
Acenaphthene
Concen: 1.491 ng/ul
RT: 14.653 min Scan# 2508
Delta R.T. -0.001 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

Tgt Ion:153 Resp: 68187
Ion Ratio Lower Upper
153 100
152 50.7 40.7 61.1
154 86.8 69.4 104.2

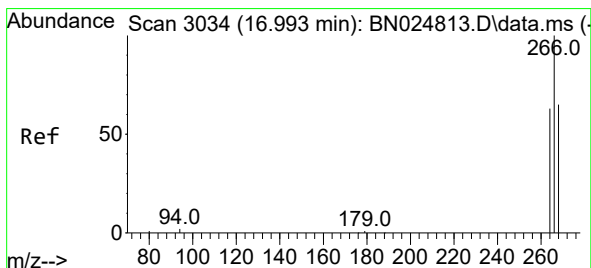
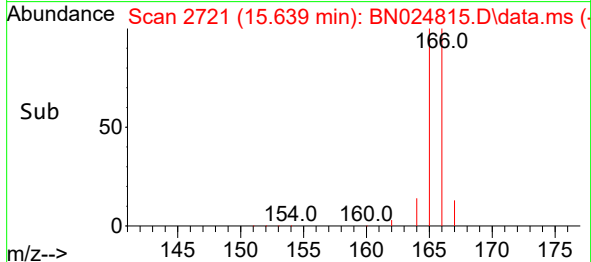
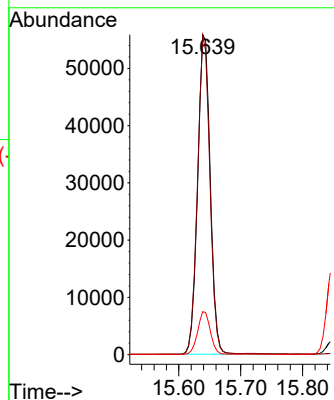
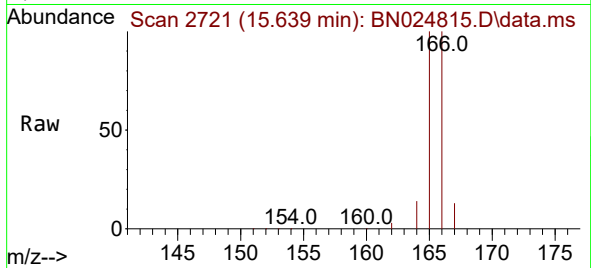




#12
 Fluorene
 Concen: 1.543 ng/ul
 RT: 15.639 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BN024815.D
 Acq: 07 Apr 2023 16:55

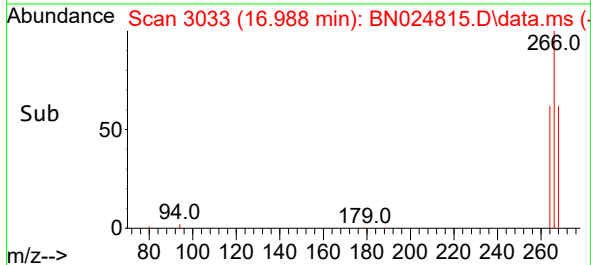
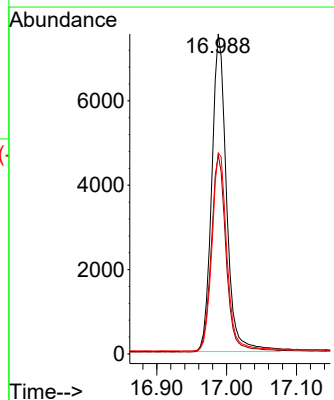
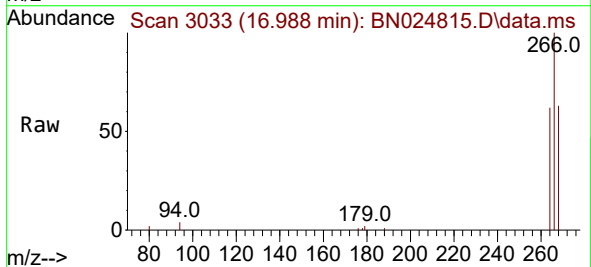
Instrument :
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 ClientSampleId :
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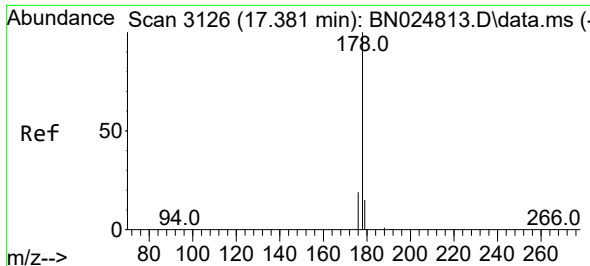
Tgt Ion:166 Resp: 79057
 Ion Ratio Lower Upper
 166 100
 165 99.7 80.1 120.1
 167 13.5 10.7 16.1



#14
 Pentachlorophenol
 Concen: 1.731 ng/ul
 RT: 16.988 min Scan# 3033
 Delta R.T. -0.005 min
 Lab File: BN024815.D
 Acq: 07 Apr 2023 16:55

Tgt Ion:266 Resp: 11066
 Ion Ratio Lower Upper
 266 100
 264 62.6 51.2 76.8
 268 63.6 51.4 77.2

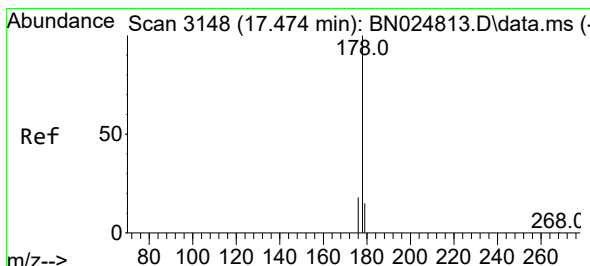
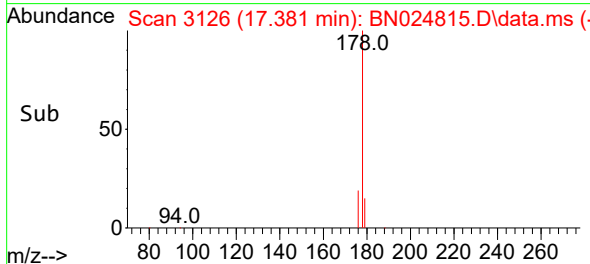
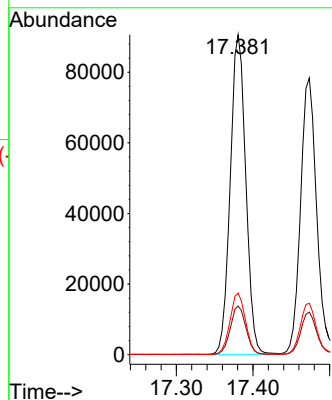
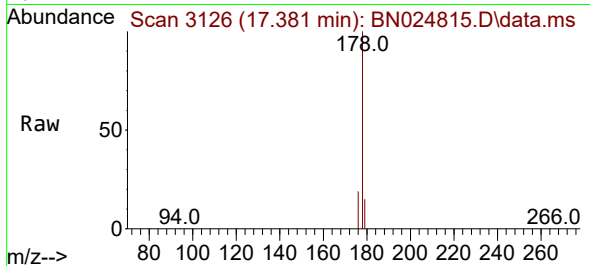




#15
Phenanthrene
Concen: 1.512 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

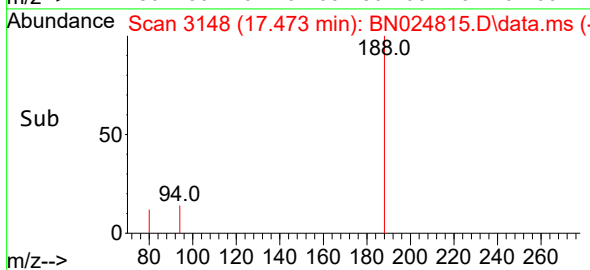
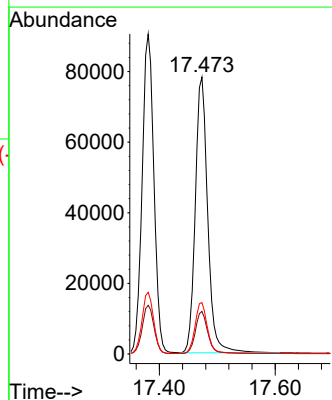
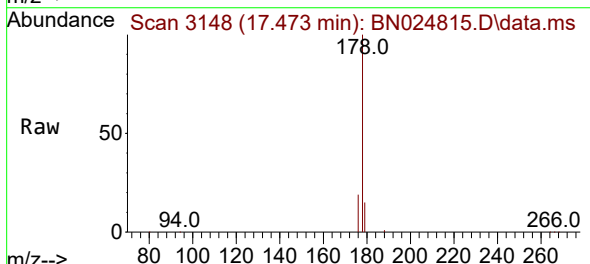
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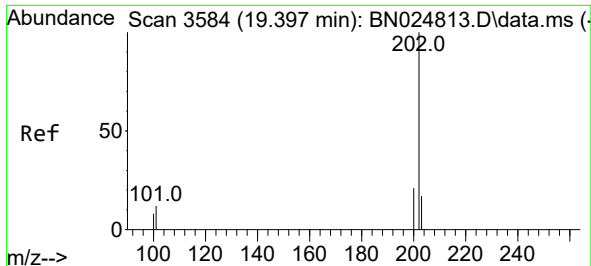
Tgt Ion:178 Resp: 127703
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.2 15.4 23.0



#16
Anthracene
Concen: 1.654 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

Tgt Ion:178 Resp: 116128
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 18.5 14.7 22.1

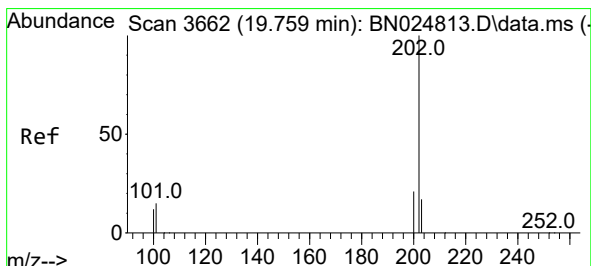
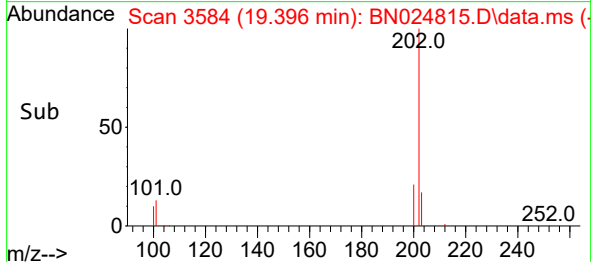
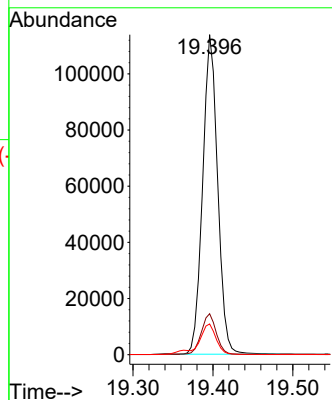
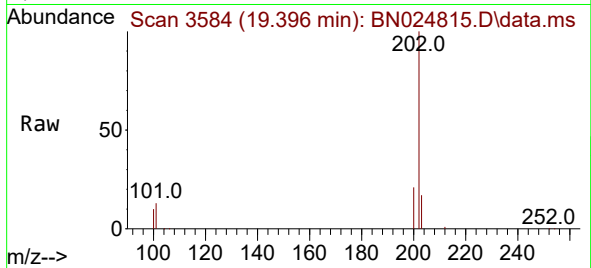




#19
Fluoranthene
Concen: 1.515 ng/ul
RT: 19.396 min Scan# 3584
Delta R.T. -0.001 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

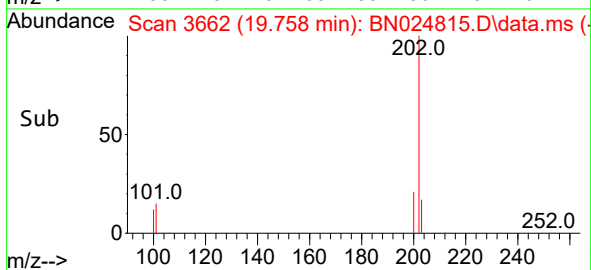
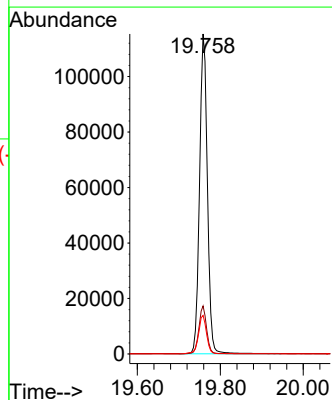
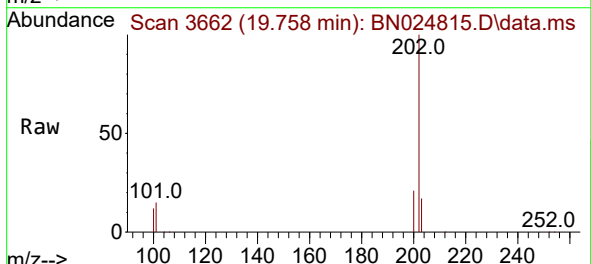
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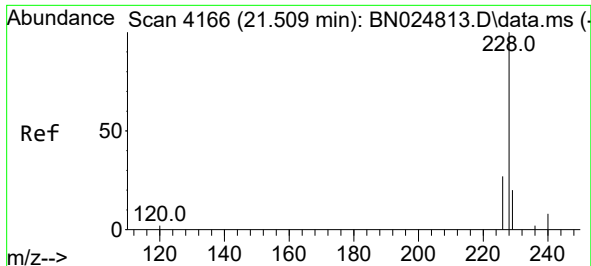
Tgt Ion:202 Resp: 148054
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 9.6 7.5 11.3



#20
Pyrene
Concen: 1.509 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.001 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

Tgt Ion:202 Resp: 151112
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.8
100 12.0 9.5 14.3

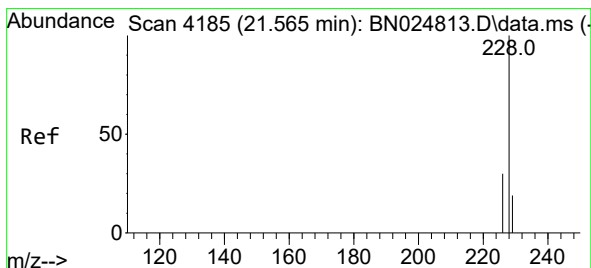
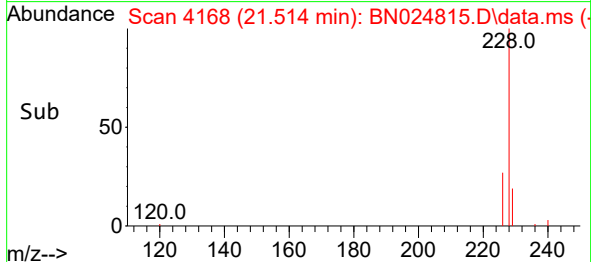
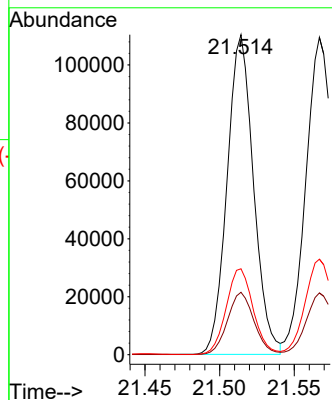
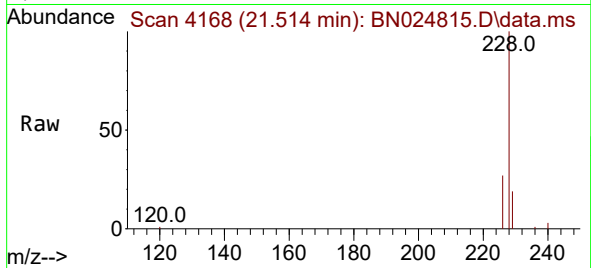




#21
Benzo(a)anthracene
Concen: 1.517 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. 0.005 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

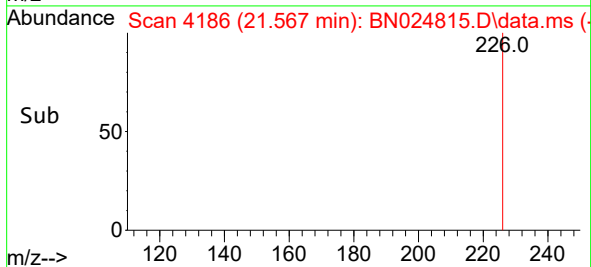
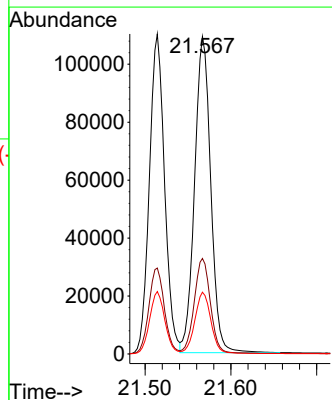
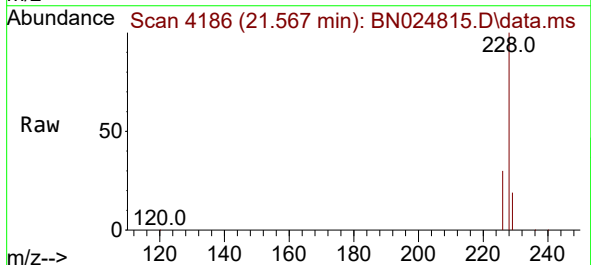
Instrument :
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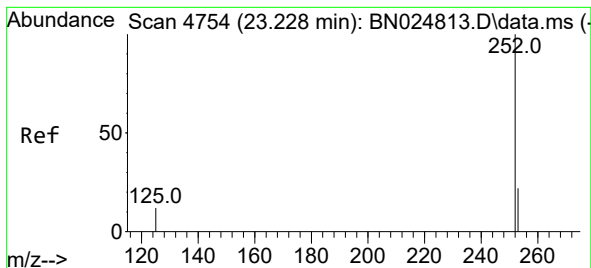
Tgt Ion:228 Resp: 136006
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.8
226 26.9 22.2 33.2



#22
Chrysene
Concen: 1.467 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. 0.002 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

Tgt Ion:228 Resp: 142337
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 19.4 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 1.526 ng/ul

RT: 23.233 min Scan# 4754

Delta R.T. 0.005 min

Lab File: BN024815.D

Acq: 07 Apr 2023 16:55

Instrument :

BNA_N

ClientSampleId :

SSTD1.6206

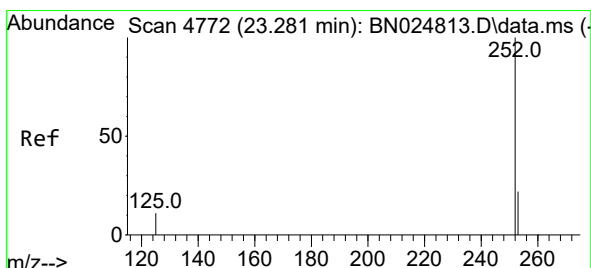
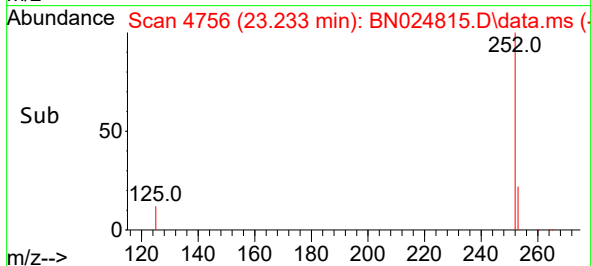
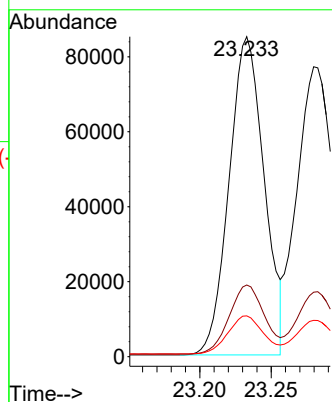
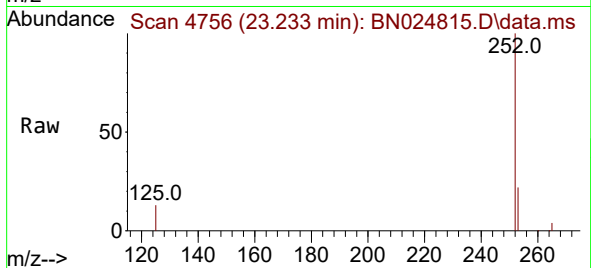
Tgt Ion:252 Resp: 144825

Ion Ratio Lower Upper

252 100

253 22.4 0.0 49.4

125 12.8 0.0 31.2



#25

Benzo(k)fluoranthene

Concen: 1.573 ng/ul

RT: 23.280 min Scan# 4772

Delta R.T. -0.001 min

Lab File: BN024815.D

Acq: 07 Apr 2023 16:55

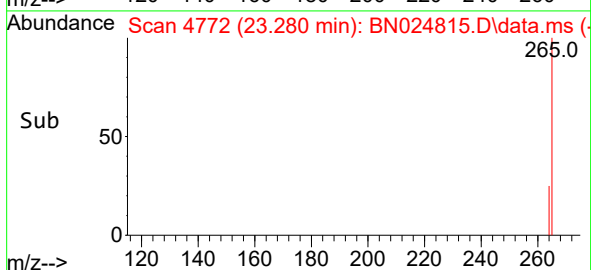
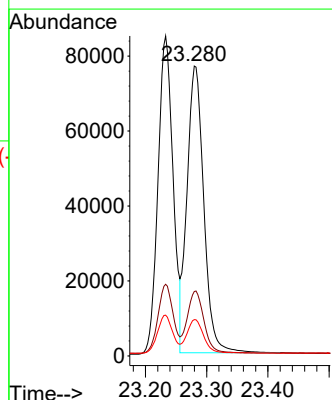
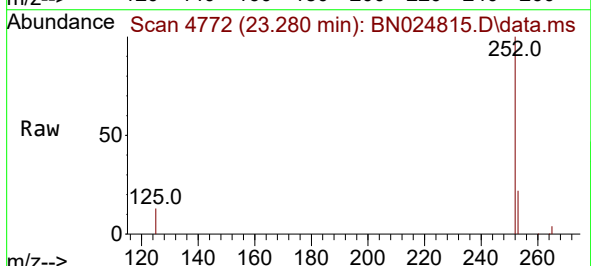
Tgt Ion:252 Resp: 145628

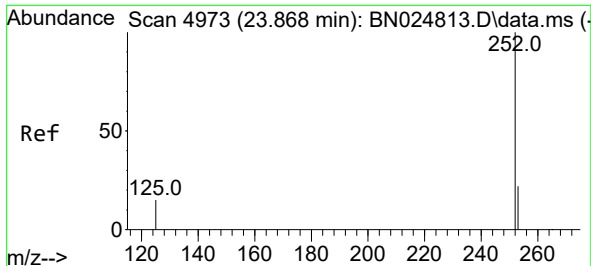
Ion Ratio Lower Upper

252 100

253 22.2 20.1 30.1

125 12.6 12.2 18.2

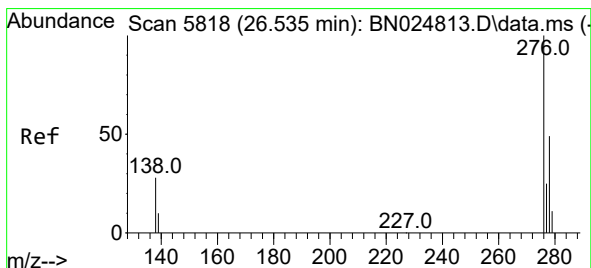
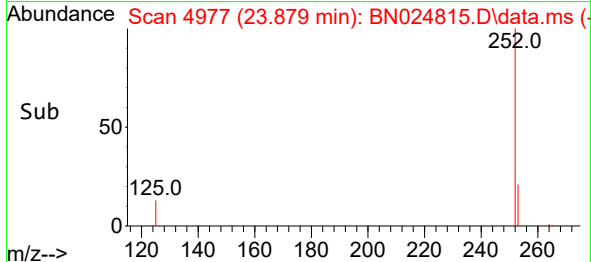
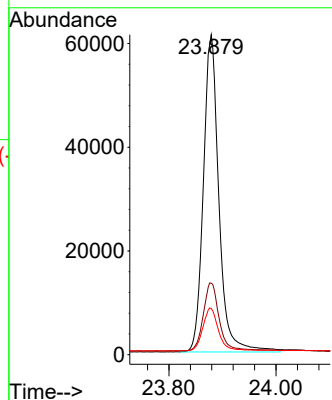
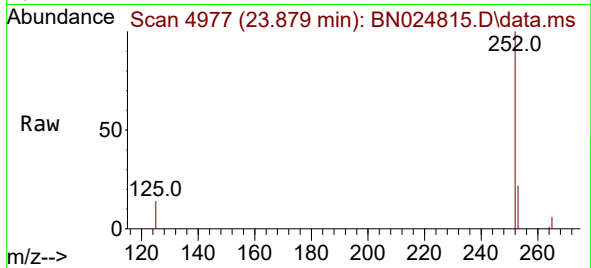




#26
Benzo(a)pyrene
Concen: 1.566 ng/ul
RT: 23.879 min Scan# 4973
Delta R.T. 0.011 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

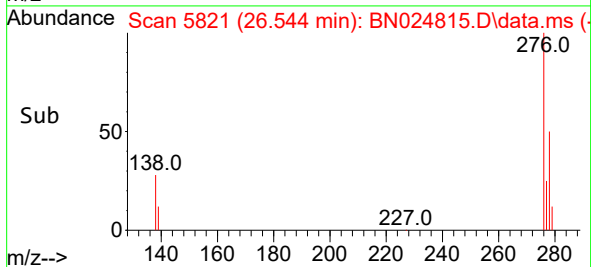
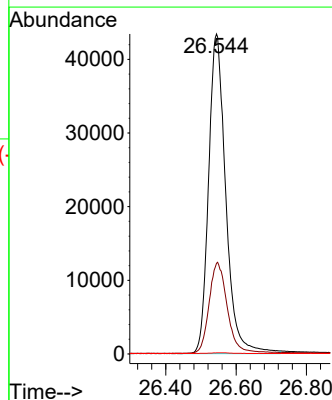
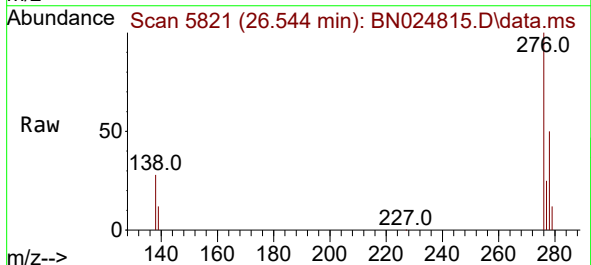
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

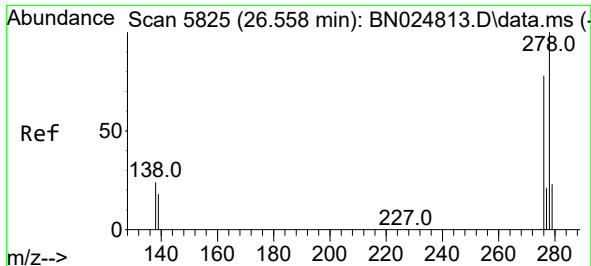
Tgt Ion:252 Resp: 123276
Ion Ratio Lower Upper
252 100
253 22.3 20.7 31.1
125 14.5 15.9 23.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.583 ng/ul
RT: 26.544 min Scan# 5821
Delta R.T. 0.009 min
Lab File: BN024815.D
Acq: 07 Apr 2023 16:55

Tgt Ion:276 Resp: 146960
Ion Ratio Lower Upper
276 100
138 30.2 24.2 36.2
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 1.603 ng/ul

RT: 26.564 min Scan# 5827

Delta R.T. 0.006 min

Lab File: BN024815.D

Acq: 07 Apr 2023 16:55

Instrument :

BNA_N

ClientSampleId :

SSTD1.6206

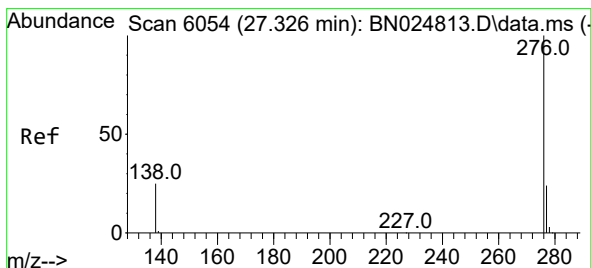
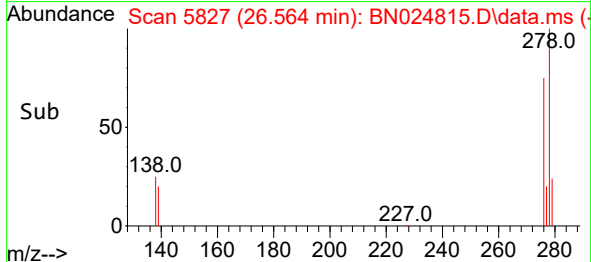
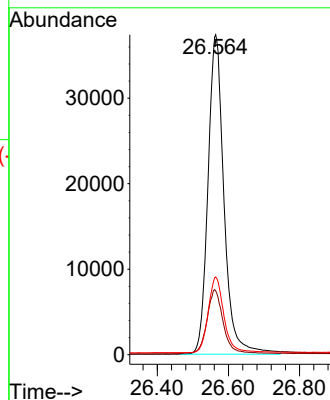
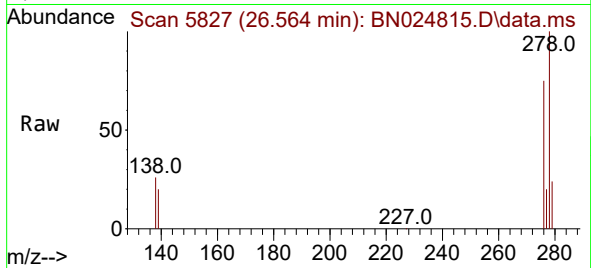
Tgt Ion:278 Resp: 116905

Ion Ratio Lower Upper

278 100

139 19.9 16.4 24.6

279 24.3 21.1 31.7



#29

Benzo(g,h,i)perylene

Concen: 1.537 ng/ul

RT: 27.332 min Scan# 6056

Delta R.T. 0.006 min

Lab File: BN024815.D

Acq: 07 Apr 2023 16:55

Tgt Ion:276 Resp: 120732

Ion Ratio Lower Upper

276 100

138 26.0 21.0 31.4

277 23.9 19.7 29.5

