

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040723\
 Data File : BN024814.D
 Acq On : 07 Apr 2023 16:18
 Operator : CG/JU
 Sample : SST0.891
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8205

Quant Time: Apr 08 00:37:57 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)

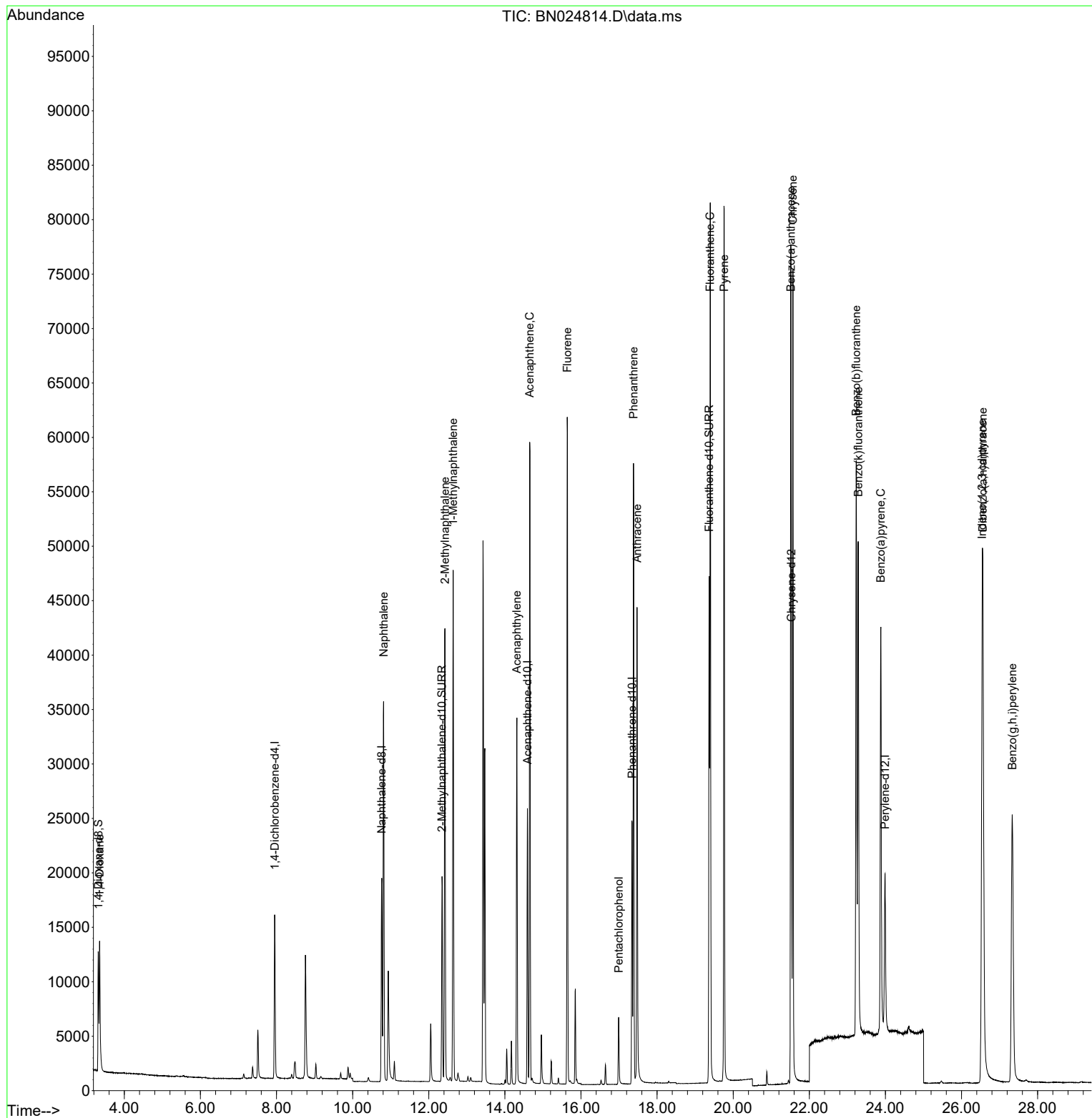
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	8192	0.400	ng/ul	0.00
4) Naphthalene-d8	10.764	136	24448	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	13666	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	27717	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	26240	0.400	ng/ul	0.00
23) Perylene-d12	23.990	264	22348	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	6938	0.776	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	24097	0.768	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	48736	0.748	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	7635	0.775	ng/ul	97
5) Naphthalene	10.814	128	47896	0.769	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	29916	0.772	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	31313	0.762	ng/ul	99
10) Acenaphthylene	14.316	152	39179	0.764	ng/ul	100
11) Acenaphthene	14.653	153	33699	0.767	ng/ul	99
12) Fluorene	15.639	166	38173	0.776	ng/ul	100
14) Pentachlorophenol	16.992	266	4324	0.732	ng/ul	99
15) Phenanthrene	17.380	178	60047	0.769	ng/ul	100
16) Anthracene	17.473	178	50941	0.785	ng/ul	100
19) Fluoranthene	19.396	202	68185	0.755	ng/ul	98
20) Pyrene	19.763	202	68427	0.739	ng/ul	98
21) Benzo(a)anthracene	21.514	228	62796	0.758	ng/ul	99
22) Chrysene	21.567	228	67603	0.754	ng/ul	100
24) Benzo(b)fluoranthene	23.233	252	69831	0.779	ng/ul	96
25) Benzo(k)fluoranthene	23.285	252	68377	0.782	ng/ul	96
26) Benzo(a)pyrene	23.879	252	57361	0.771	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.544	276	69316	0.790	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.561	278	54923	0.797	ng/ul	98
29) Benzo(g,h,i)perylene	27.332	276	58133	0.784	ng/ul	99

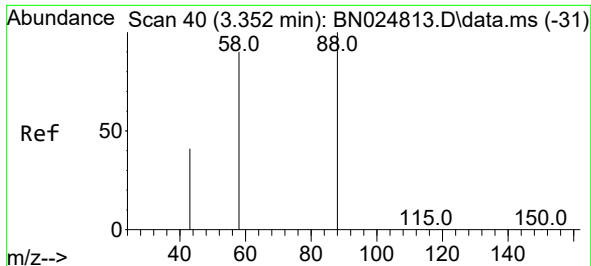
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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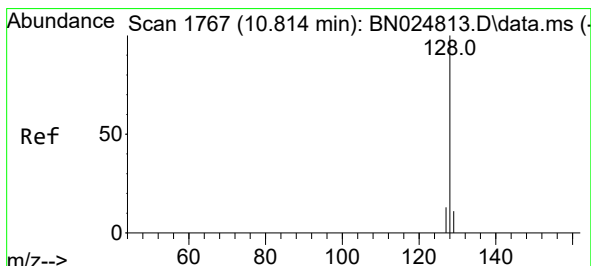
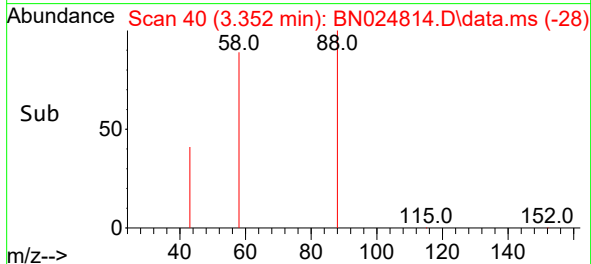
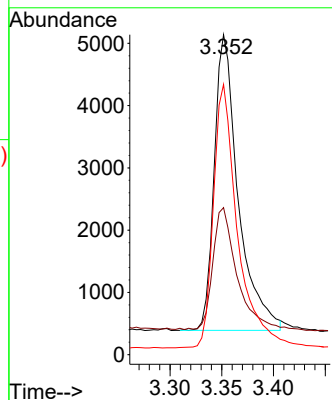
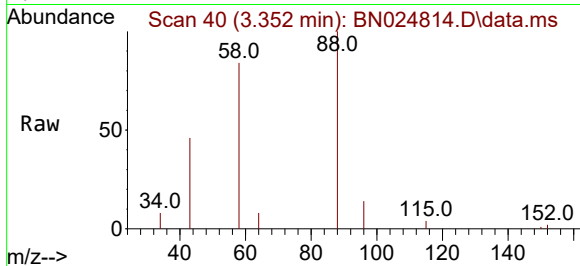




#2
 1,4-Dioxane
 Concen: 0.775 ng/ul
 RT: 3.352 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: BN024814.D
 Acq: 07 Apr 2023 16:18

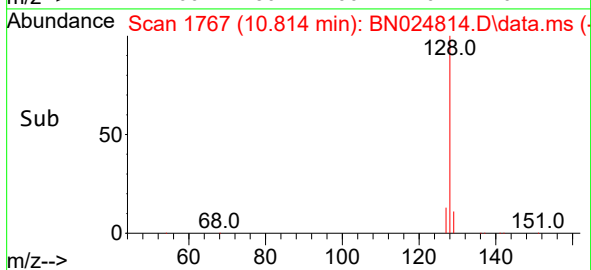
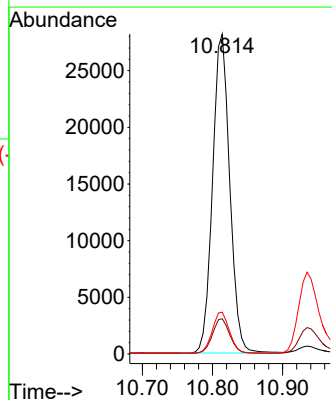
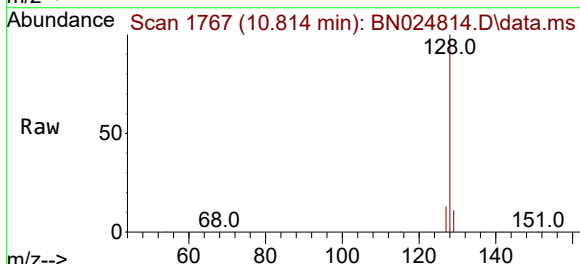
Instrument :
 BNA_N
 ClientSampleId :
 SST0.8205

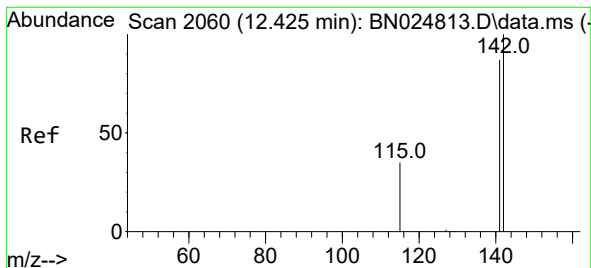
Tgt Ion: 88 Resp: 7635
 Ion Ratio Lower Upper
 88 100
 43 45.9 39.1 58.7
 58 84.5 65.7 98.5



#5
 Naphthalene
 Concen: 0.769 ng/ul
 RT: 10.814 min Scan# 1767
 Delta R.T. -0.000 min
 Lab File: BN024814.D
 Acq: 07 Apr 2023 16:18

Tgt Ion: 128 Resp: 47896
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.1 13.7
 127 13.1 10.5 15.7

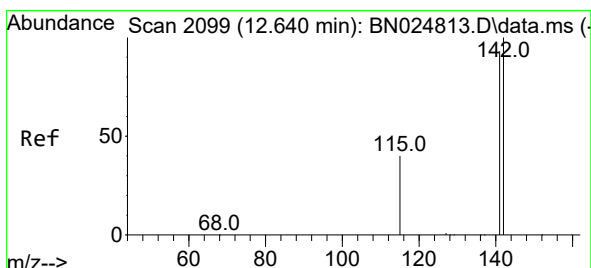
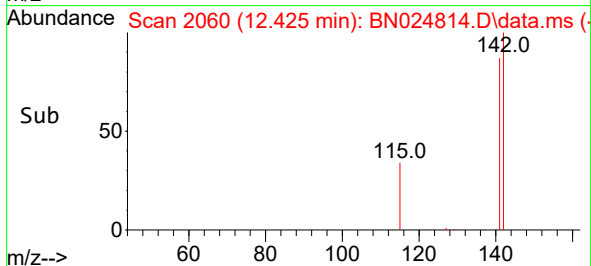
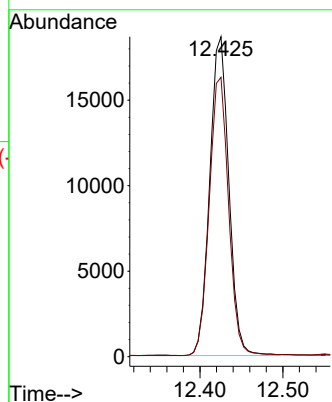
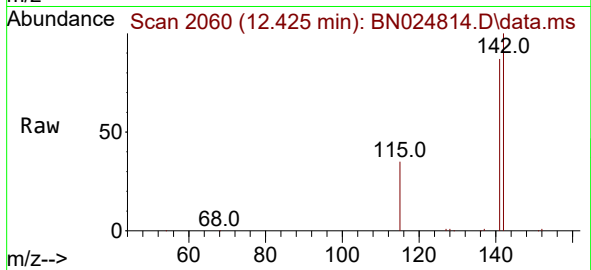




#7
2-Methylnaphthalene
Concen: 0.772 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

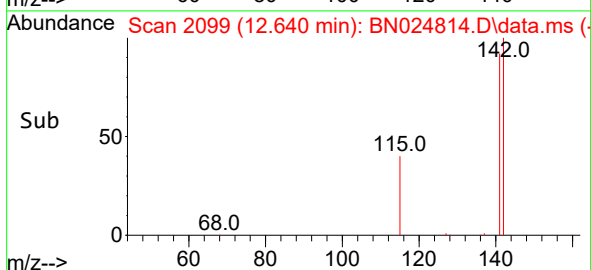
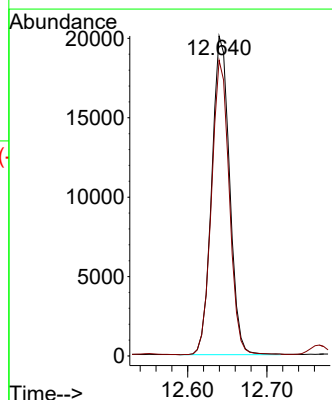
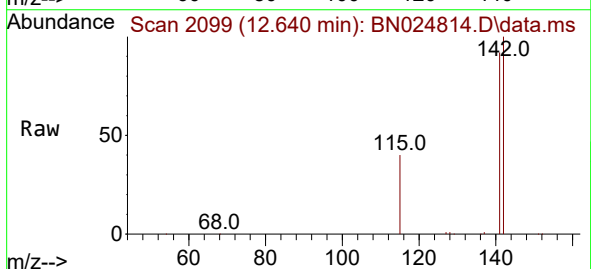
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

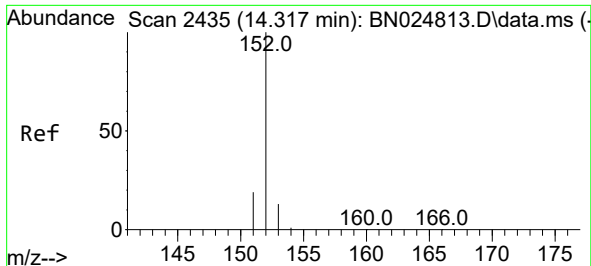
Tgt Ion:142 Resp: 29916
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.762 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

Tgt Ion:142 Resp: 31313
Ion Ratio Lower Upper
142 100
141 91.9 74.0 111.0

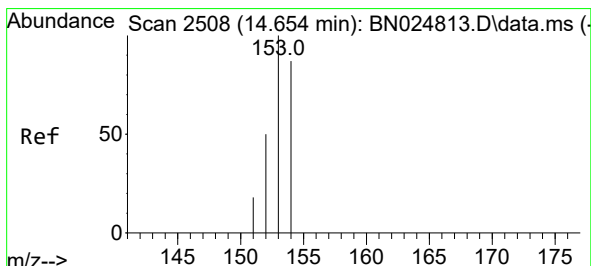
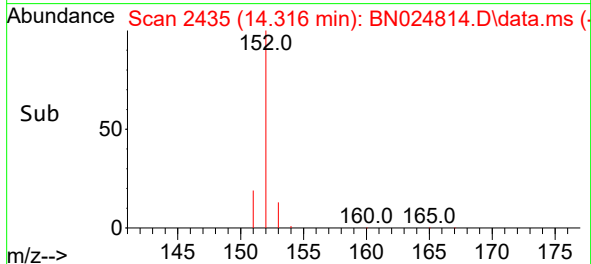
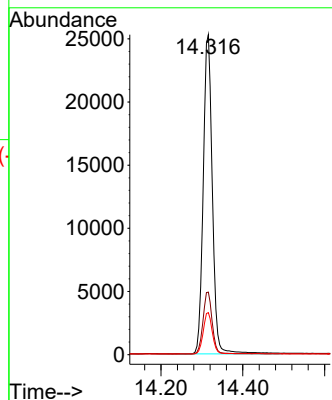
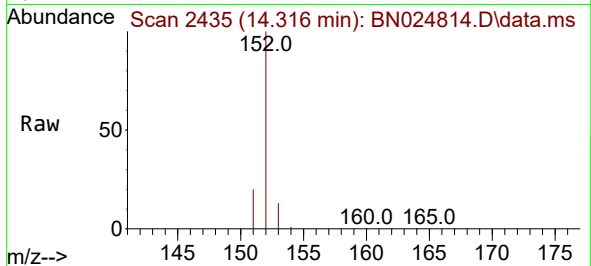




#10
Acenaphthylene
Concen: 0.764 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

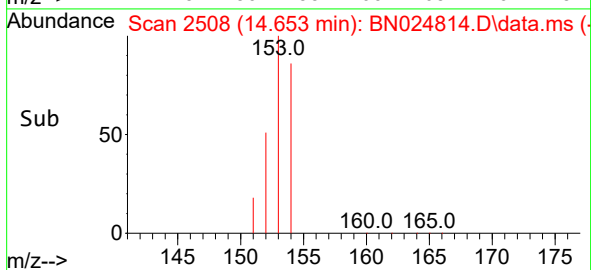
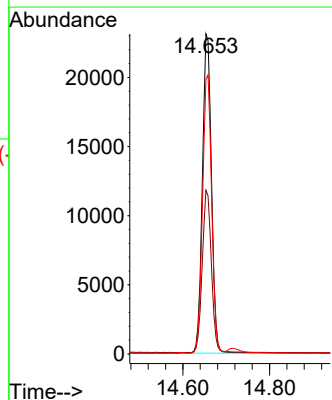
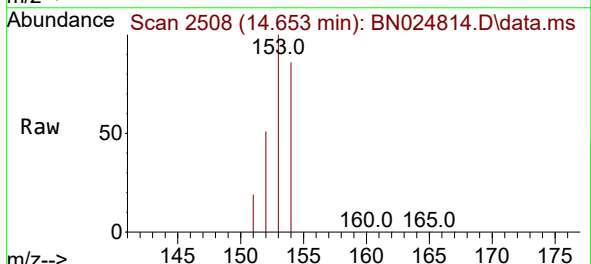
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

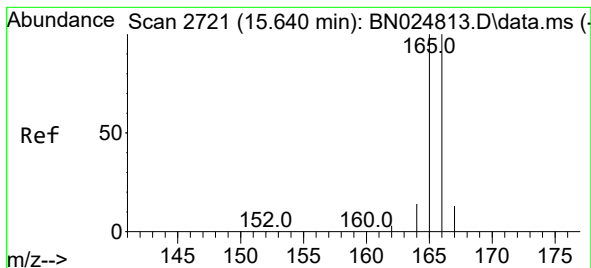
Tgt Ion:152 Resp: 39179
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.6 16.0



#11
Acenaphthene
Concen: 0.767 ng/ul
RT: 14.653 min Scan# 2508
Delta R.T. -0.001 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

Tgt Ion:153 Resp: 33699
Ion Ratio Lower Upper
153 100
152 51.1 40.7 61.1
154 85.8 69.4 104.2





#12

Fluorene

Concen: 0.776 ng/ul

RT: 15.639 min Scan# 21

Delta R.T. -0.001 min

Lab File: BN024814.D

Acq: 07 Apr 2023 16:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.8205

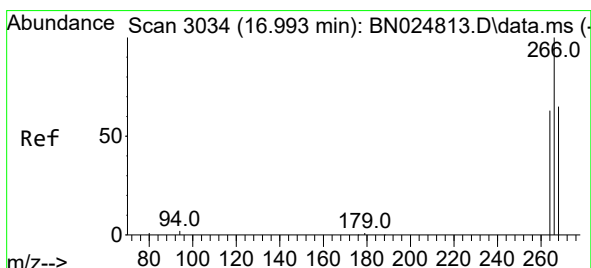
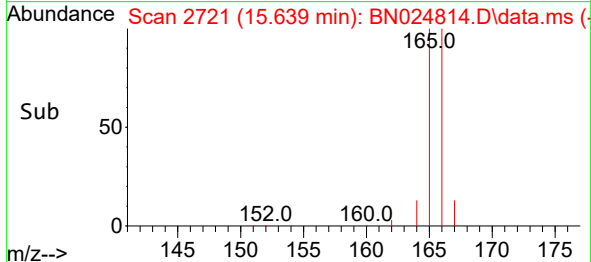
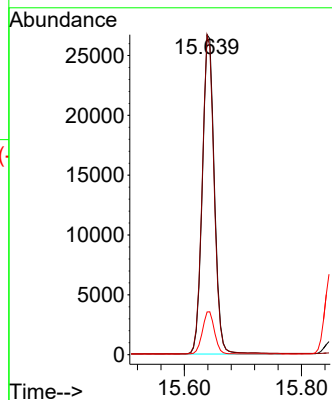
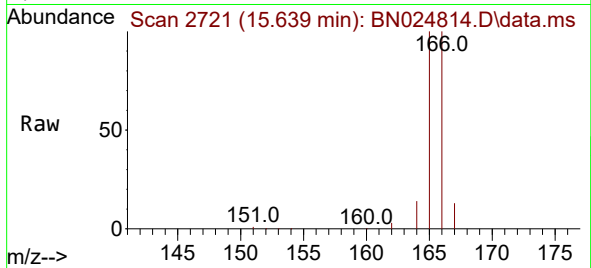
Tgt Ion:166 Resp: 38173

Ion Ratio Lower Upper

166 100

165 99.9 80.1 120.1

167 13.4 10.7 16.1



#14

Pentachlorophenol

Concen: 0.732 ng/ul

RT: 16.992 min Scan# 3034

Delta R.T. -0.001 min

Lab File: BN024814.D

Acq: 07 Apr 2023 16:18

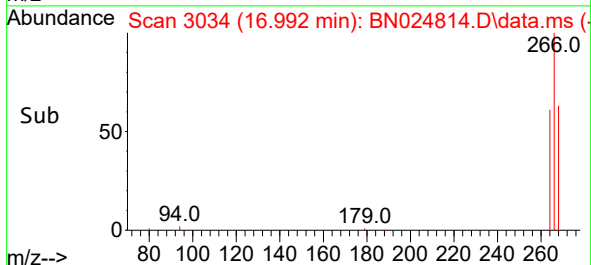
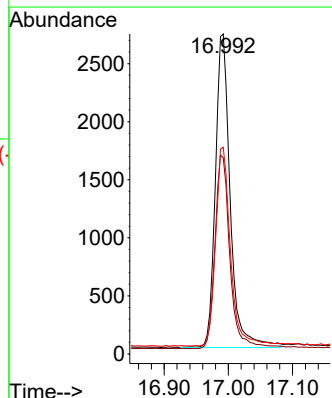
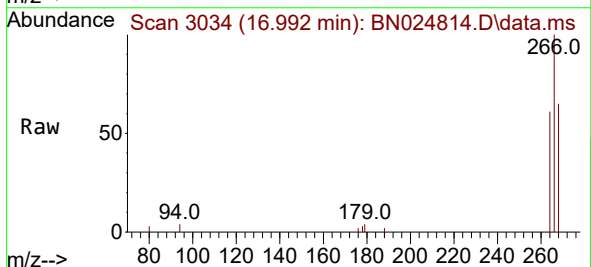
Tgt Ion:266 Resp: 4324

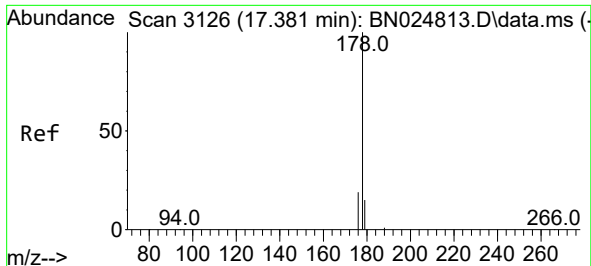
Ion Ratio Lower Upper

266 100

264 62.4 51.2 76.8

268 63.6 51.4 77.2

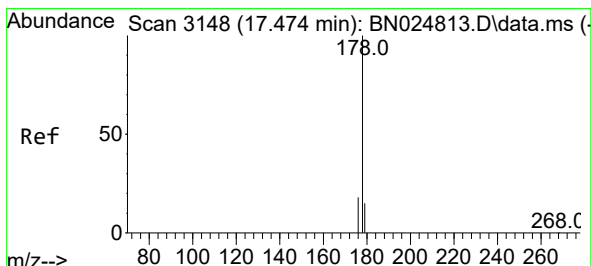
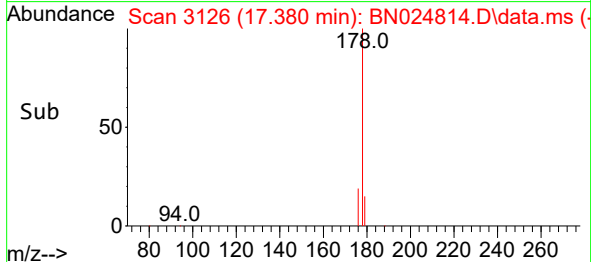
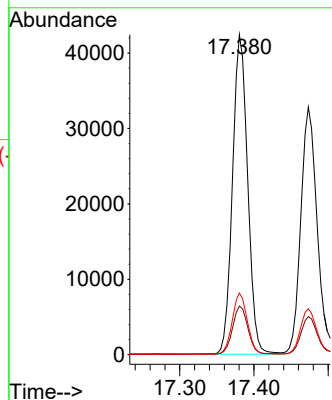
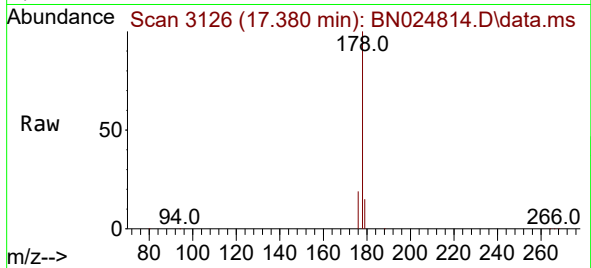




#15
Phenanthrene
Concen: 0.769 ng/ul
RT: 17.380 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

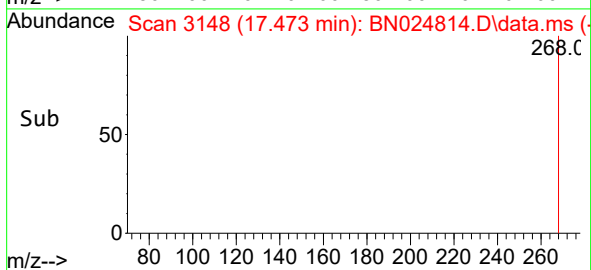
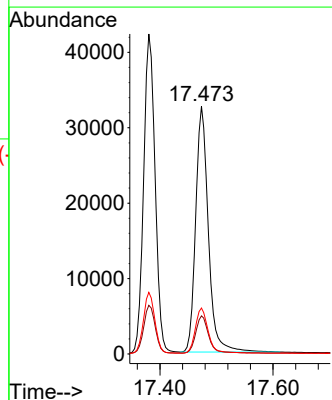
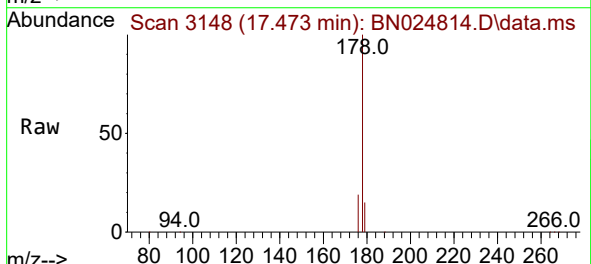
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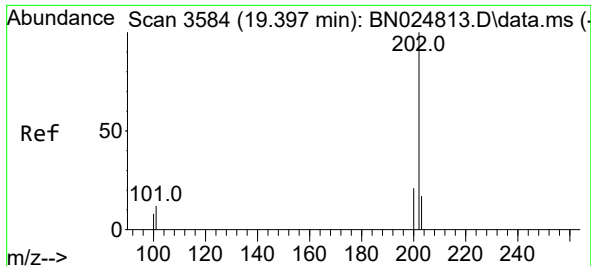
Tgt Ion:178 Resp: 60047
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.2 15.4 23.0



#16
Anthracene
Concen: 0.785 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

Tgt Ion:178 Resp: 50941
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 18.5 14.7 22.1

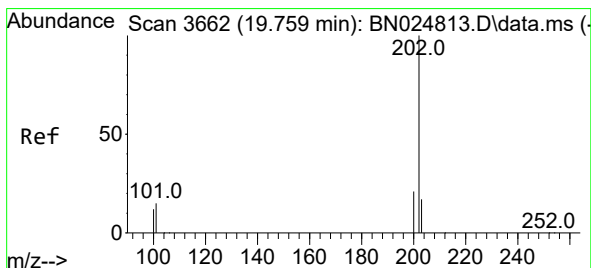
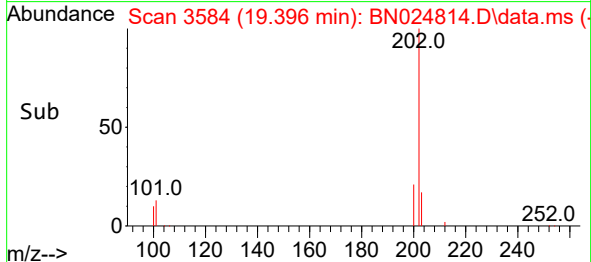
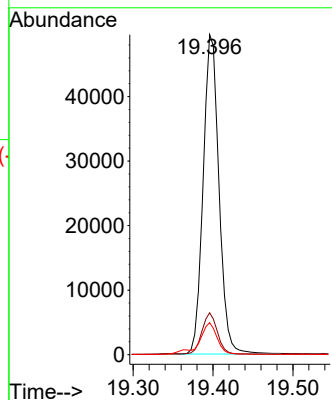
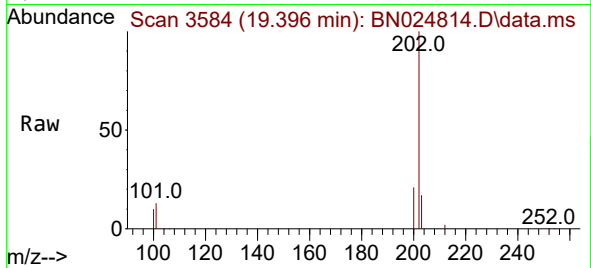




#19
Fluoranthene
Concen: 0.755 ng/ul
RT: 19.396 min Scan# 3584
Delta R.T. -0.001 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

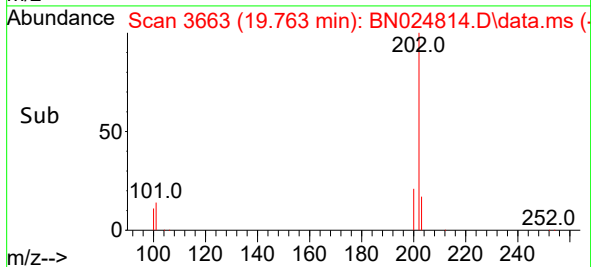
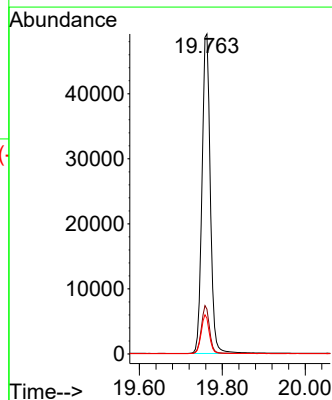
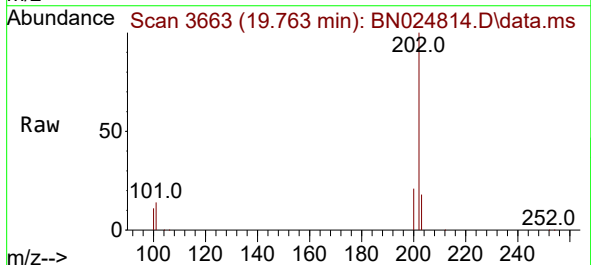
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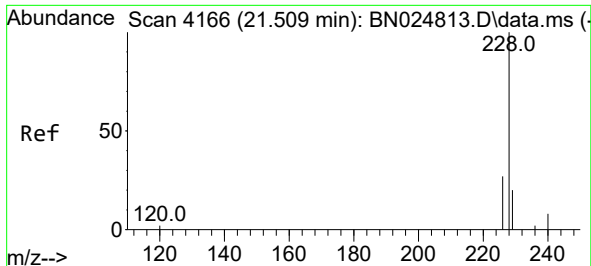
Tgt Ion:202 Resp: 68185
Ion Ratio Lower Upper
202 100
101 13.1 10.0 15.0
100 10.0 7.5 11.3



#20
Pyrene
Concen: 0.739 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. 0.004 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

Tgt Ion:202 Resp: 68427
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.8
100 11.2 9.5 14.3

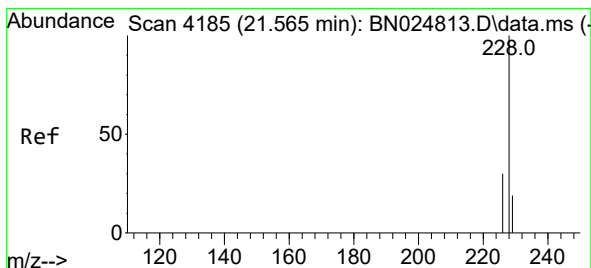
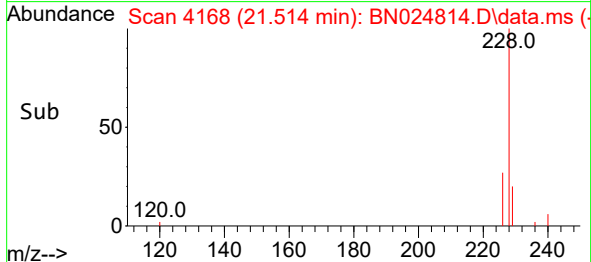
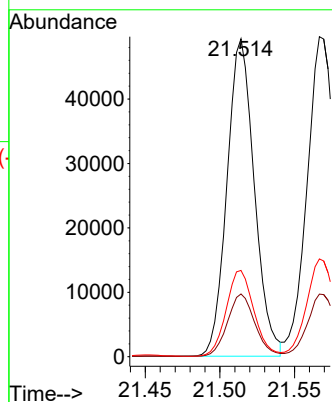
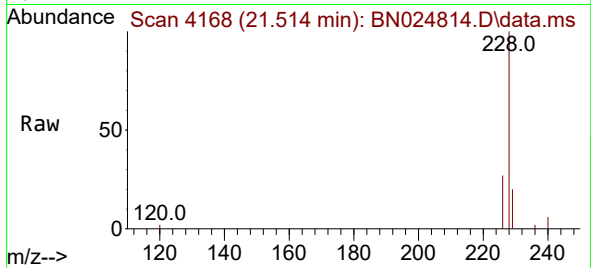




#21
Benzo(a)anthracene
Concen: 0.758 ng/ul
RT: 21.514 min Scan# 4166
Delta R.T. 0.005 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

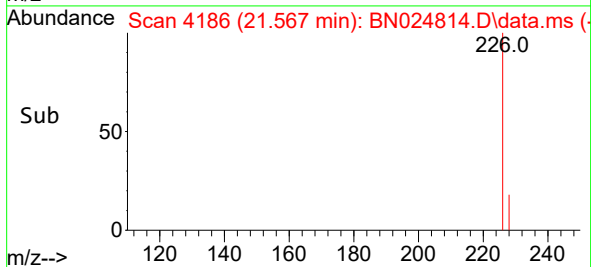
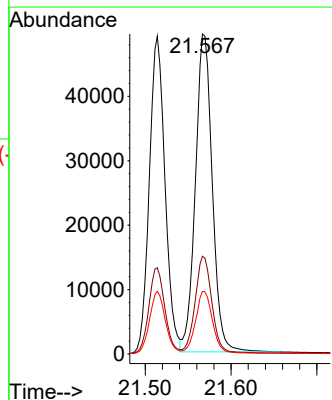
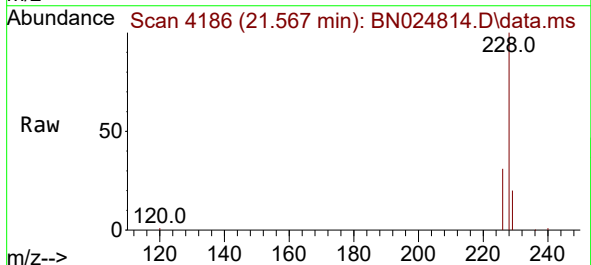
Instrument :
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ClientSampleId :
SSTD0.8205

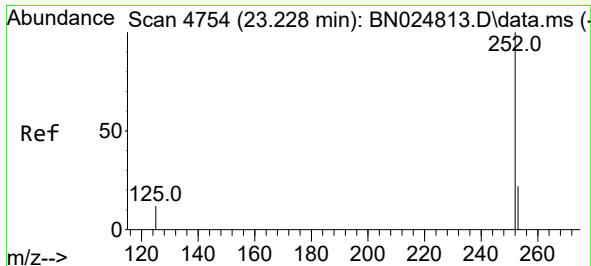
Tgt Ion:228 Resp: 62796
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.1 22.2 33.2



#22
Chrysene
Concen: 0.754 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. 0.002 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

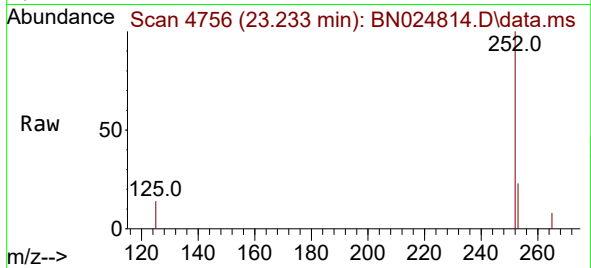
Tgt Ion:228 Resp: 67603
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 19.5 15.7 23.5



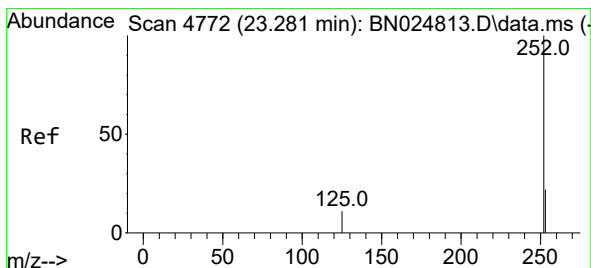
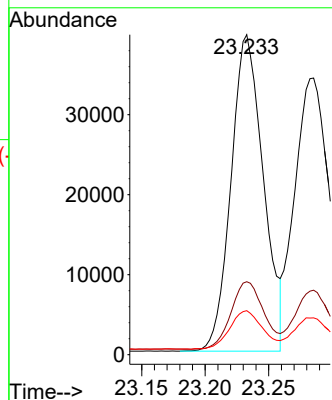


#24
Benzo(b)fluoranthene
Concen: 0.779 ng/ul
RT: 23.233 min Scan# 4754
Delta R.T. 0.005 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

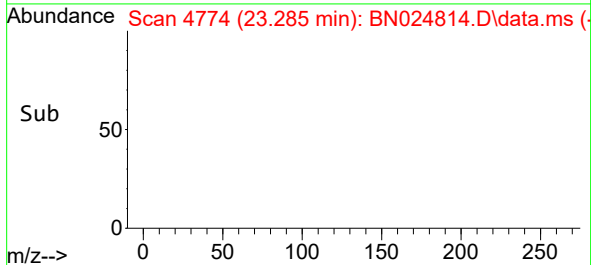
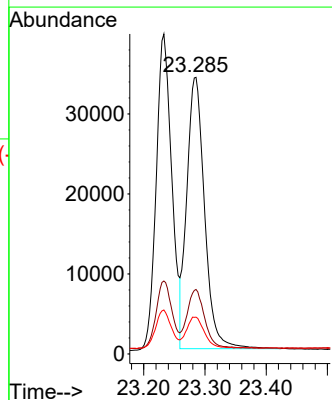
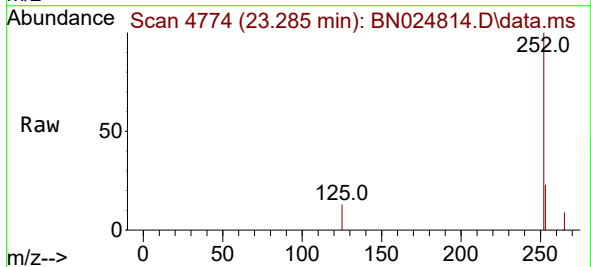


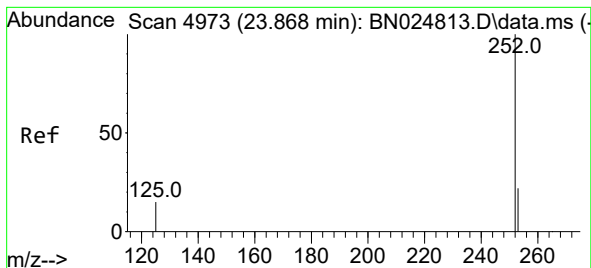
Tgt Ion:252 Resp: 69831
Ion Ratio Lower Upper
252 100
253 22.8 0.0 49.4
125 13.7 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.782 ng/ul
RT: 23.285 min Scan# 4774
Delta R.T. 0.005 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

Tgt Ion:252 Resp: 68377
Ion Ratio Lower Upper
252 100
253 23.3 20.1 30.1
125 13.3 12.2 18.2





#26

Benzo(a)pyrene

Concen: 0.771 ng/ul

RT: 23.879 min Scan# 4973

Delta R.T. 0.011 min

Lab File: BN024814.D

Acq: 07 Apr 2023 16:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.8205

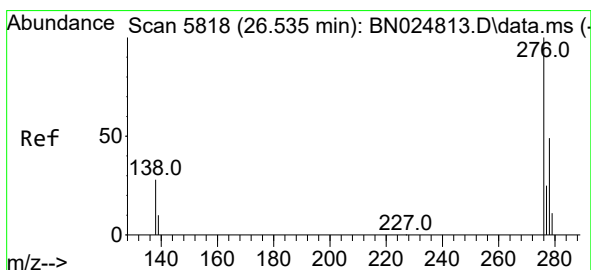
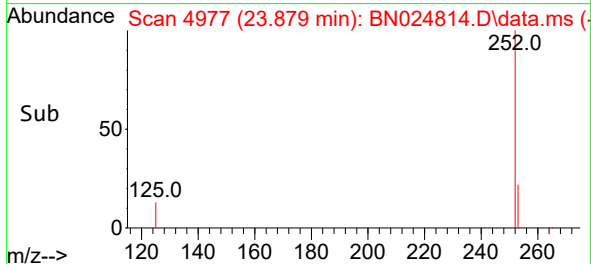
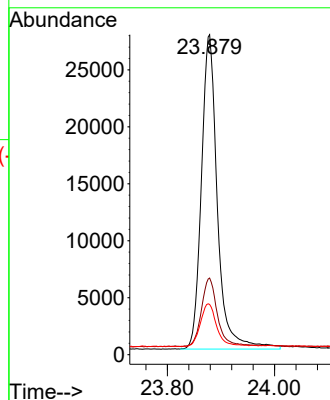
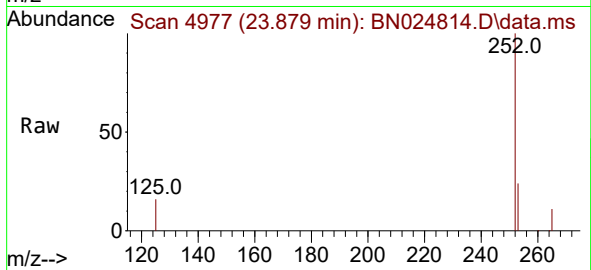
Tgt Ion:252 Resp: 57361

Ion Ratio Lower Upper

252 100

253 23.9 20.7 31.1

125 15.7 15.9 23.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.790 ng/ul

RT: 26.544 min Scan# 5821

Delta R.T. 0.009 min

Lab File: BN024814.D

Acq: 07 Apr 2023 16:18

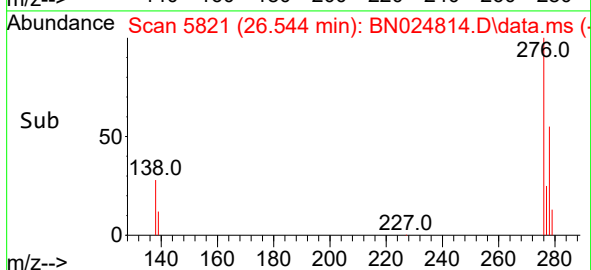
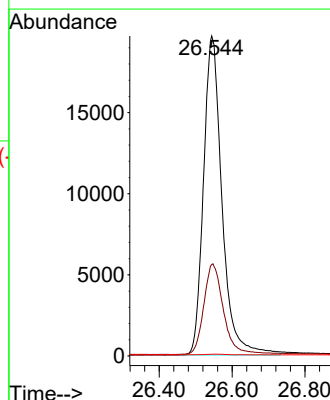
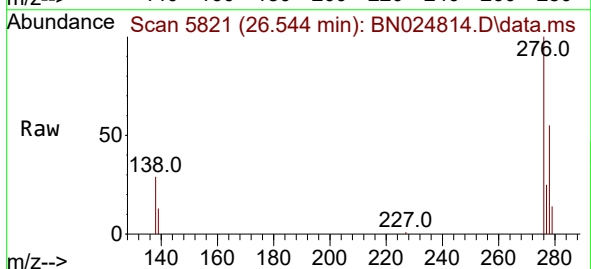
Tgt Ion:276 Resp: 69316

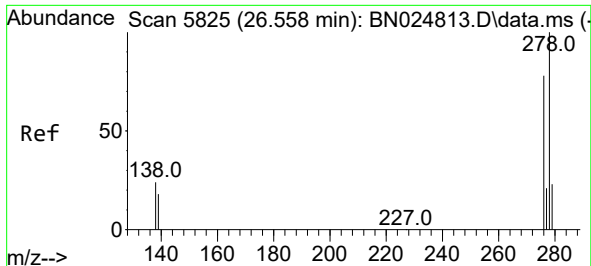
Ion Ratio Lower Upper

276 100

138 30.3 24.2 36.2

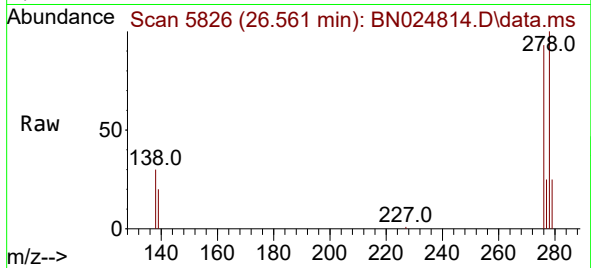
227 0.2 0.0 0.0#



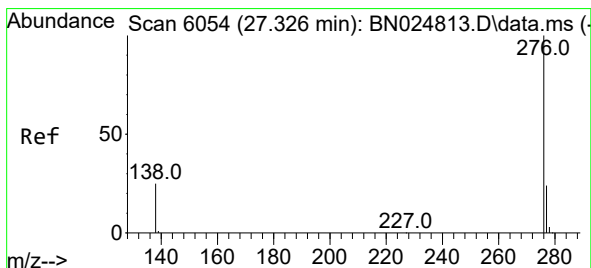
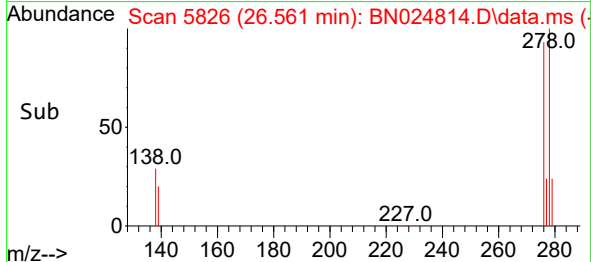
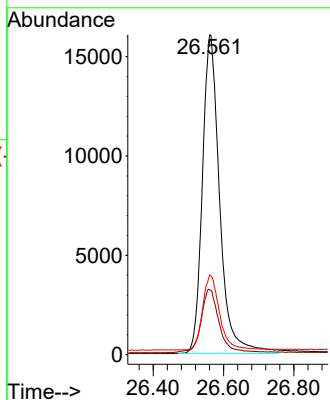


#28
Dibenzo(a,h)anthracene
Concen: 0.797 ng/ul
RT: 26.561 min Scan# 5826
Delta R.T. 0.002 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205



Tgt Ion:278 Resp: 54923
Ion Ratio Lower Upper
278 100
139 20.2 16.4 24.6
279 25.0 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.784 ng/ul
RT: 27.332 min Scan# 6056
Delta R.T. 0.006 min
Lab File: BN024814.D
Acq: 07 Apr 2023 16:18

Tgt Ion:276 Resp: 58133
Ion Ratio Lower Upper
276 100
138 26.3 21.0 31.4
277 24.2 19.7 29.5

