

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040723\
 Data File : BN024812.D
 Acq On : 07 Apr 2023 15:05
 Operator : CG/JU
 Sample : SST0.289
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2203

Quant Time: Apr 08 00:37:33 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

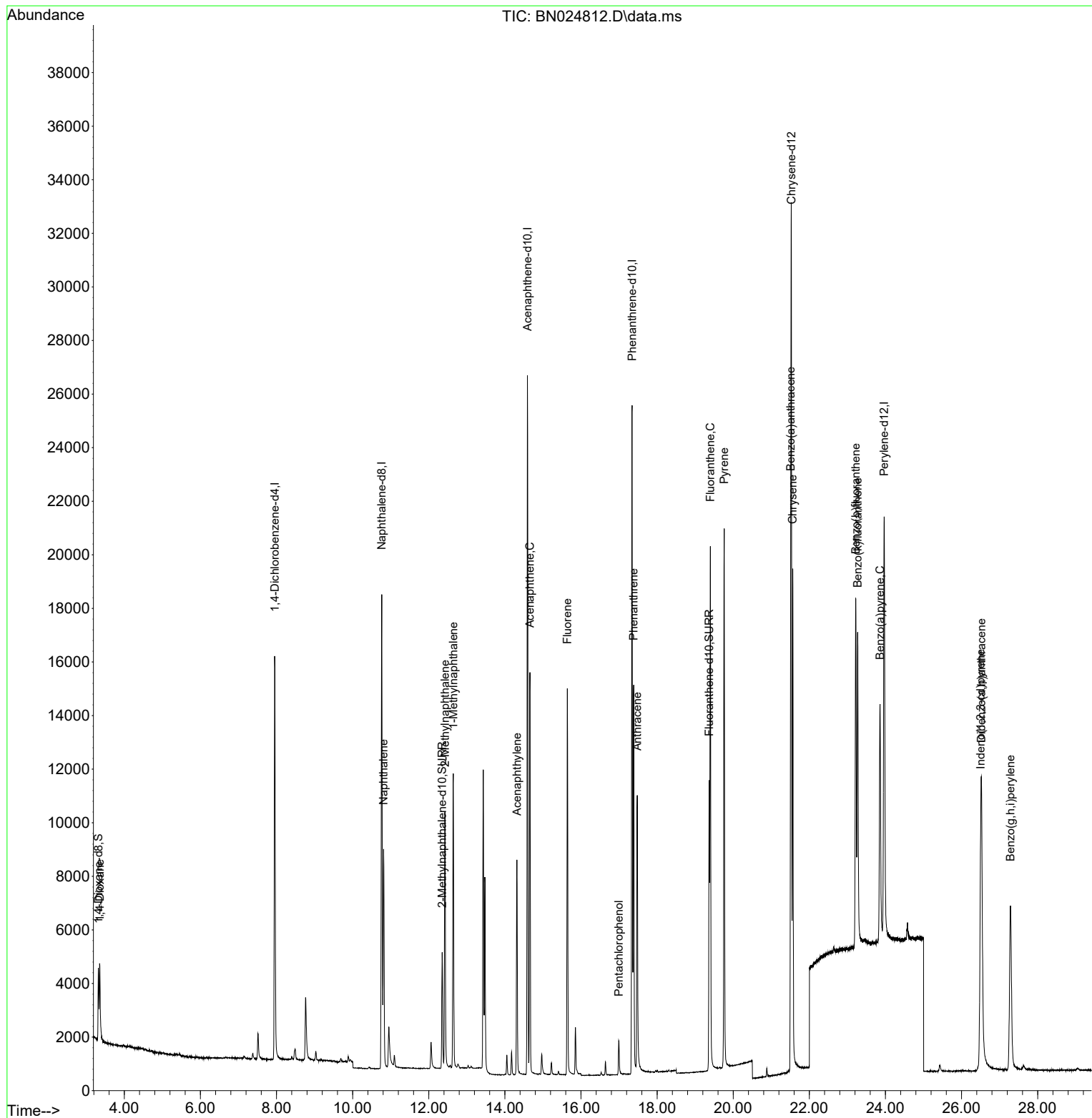
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8374	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	23717	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	13973	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	29323	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	26094	0.400	ng/ul	0.00
23) Perylene-d12	23.969	264	23769	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	1764	0.193	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	5798	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	12321	0.190	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.356	88	1932	0.192	ng/ul	87
5) Naphthalene	10.813	128	11580	0.192	ng/ul	99
7) 2-Methylnaphthalene	12.424	142	7135	0.190	ng/ul	100
8) 1-Methylnaphthalene	12.644	142	7781	0.195	ng/ul	99
10) Acenaphthylene	14.315	152	9640	0.184	ng/ul	98
11) Acenaphthene	14.658	153	8539	0.190	ng/ul	98
12) Fluorene	15.643	166	9433	0.187	ng/ul	98
14) Pentachlorophenol	16.992	266	969	0.155	ng/ul	97
15) Phenanthrene	17.384	178	15781	0.191	ng/ul	100
16) Anthracene	17.477	178	12641	0.184	ng/ul	99
19) Fluoranthene	19.400	202	16958	0.189	ng/ul	100
20) Pyrene	19.762	202	17618	0.191	ng/ul	99
21) Benzo(a)anthracene	21.510	228	15109	0.183	ng/ul	100
22) Chrysene	21.563	228	16994	0.191	ng/ul	100
24) Benzo(b)fluoranthene	23.220	252	17779	0.186	ng/ul	93
25) Benzo(k)fluoranthene	23.270	252	17333	0.186	ng/ul#	92
26) Benzo(a)pyrene	23.858	252	14914	0.189	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.503	276	17399	0.186	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.523	278	13545	0.185	ng/ul	96
29) Benzo(g,h,i)perylene	27.284	276	15076	0.191	ng/ul	98

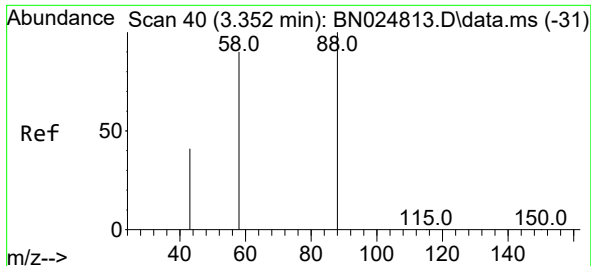
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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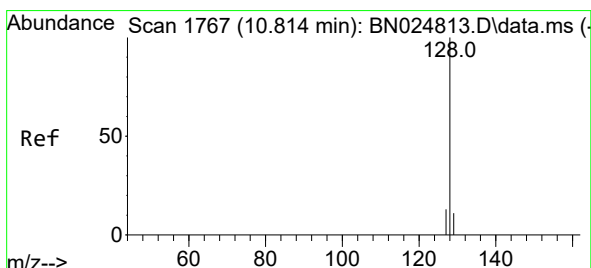
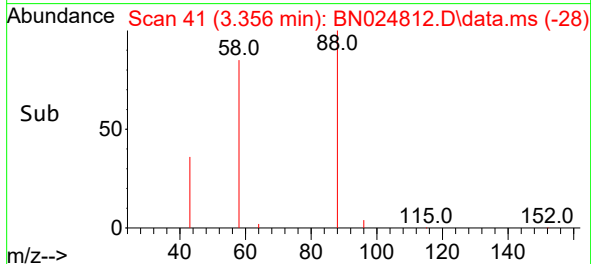
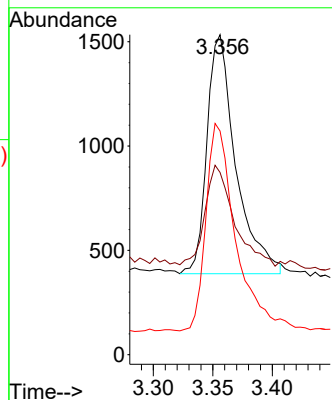
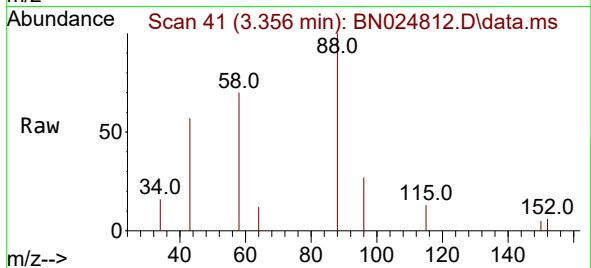




#2
1,4-Dioxane
Concen: 0.192 ng/ul
RT: 3.356 min Scan# 41
Delta R.T. 0.004 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

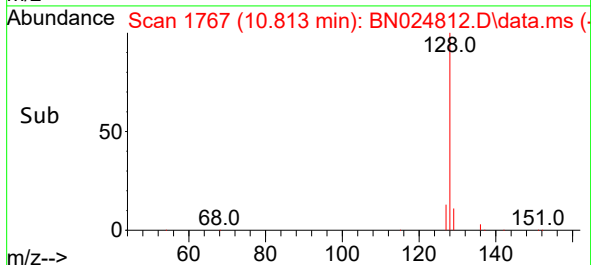
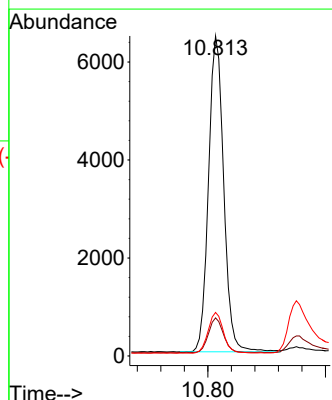
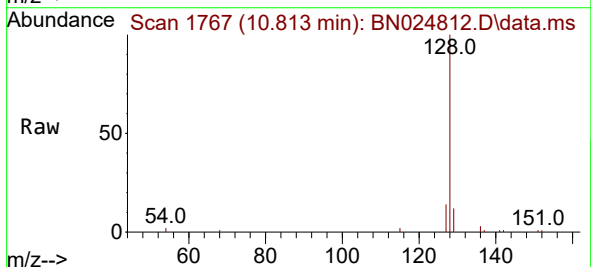
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

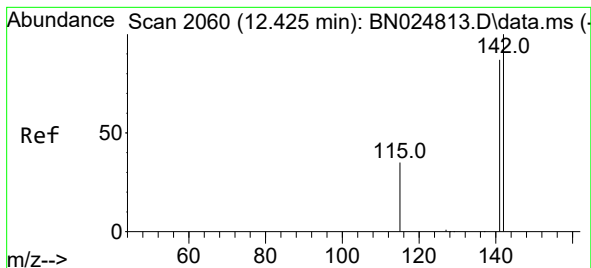
Tgt Ion: 88 Resp: 1932
Ion Ratio Lower Upper
88 100
43 57.0 39.1 58.7
58 69.9 65.7 98.5



#5
Naphthalene
Concen: 0.192 ng/ul
RT: 10.813 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

Tgt Ion: 128 Resp: 11580
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.6 10.5 15.7

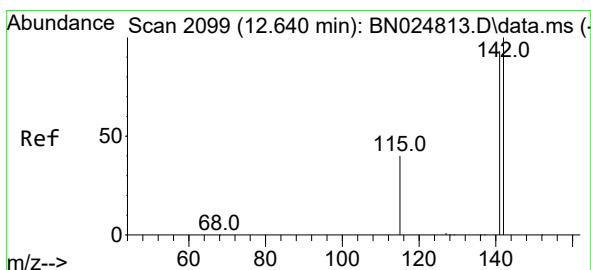
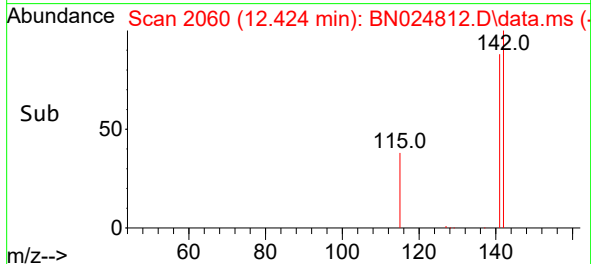
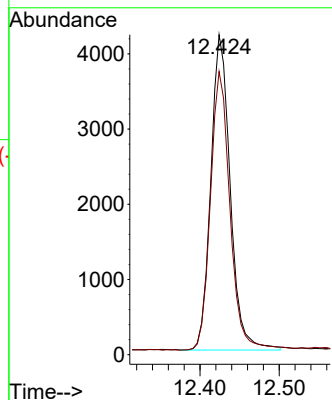
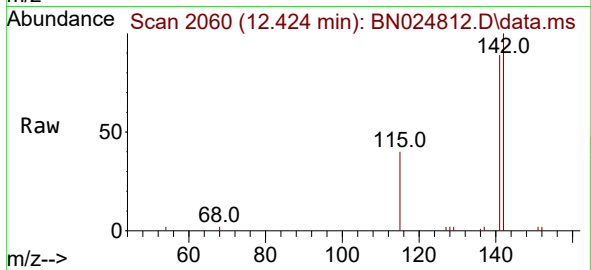




#7
2-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.424 min Scan# 2100
Delta R.T. -0.001 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

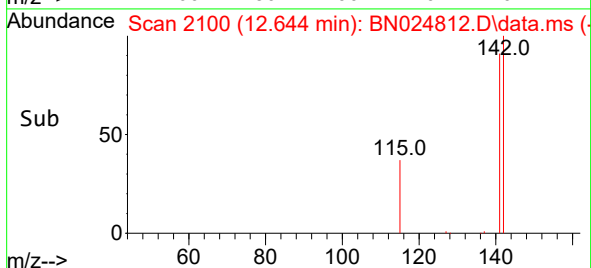
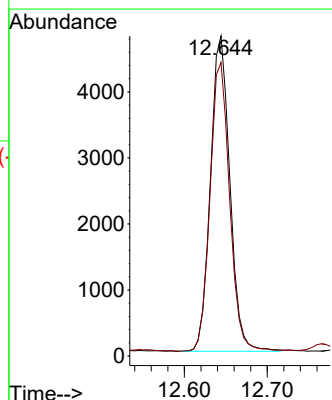
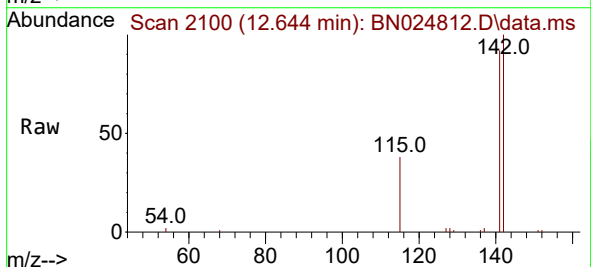
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

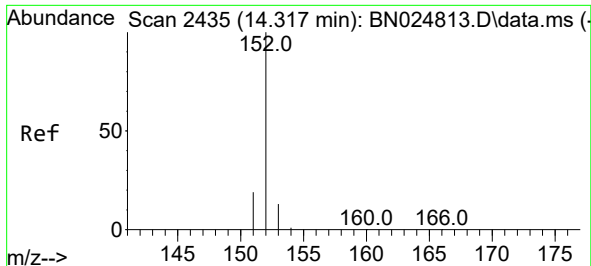
Tgt Ion:142 Resp: 7135
Ion Ratio Lower Upper
142 100
141 88.5 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. 0.004 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

Tgt Ion:142 Resp: 7781
Ion Ratio Lower Upper
142 100
141 91.9 74.0 111.0

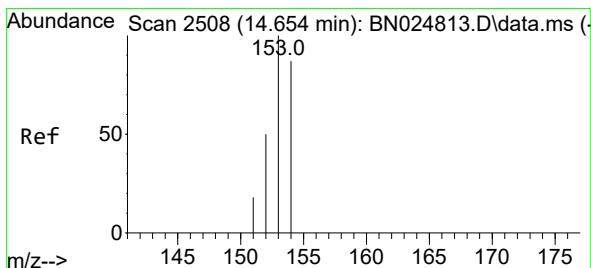
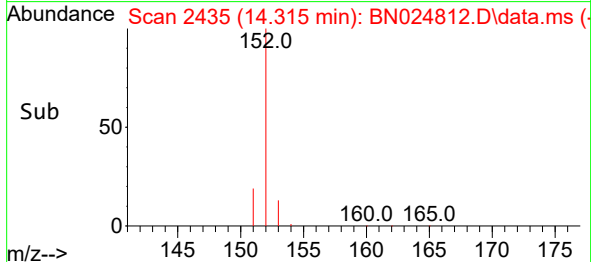
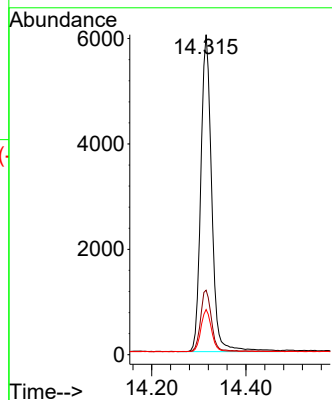
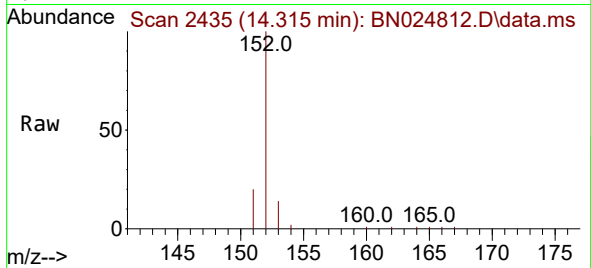




#10
Acenaphthylene
Concen: 0.184 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

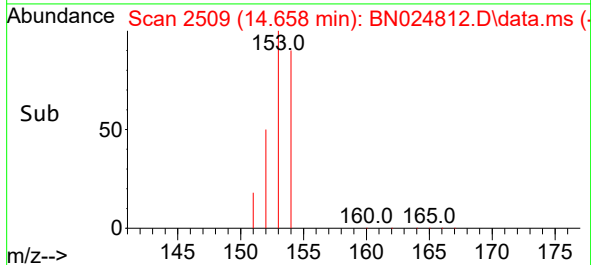
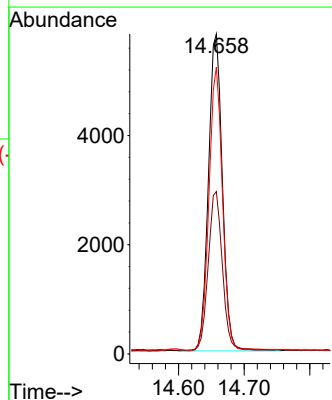
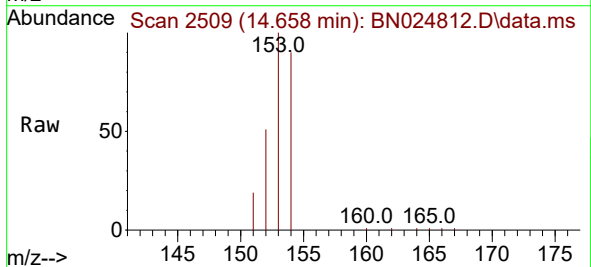
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BNA_N
ClientSampleId :
SSTD0.2203

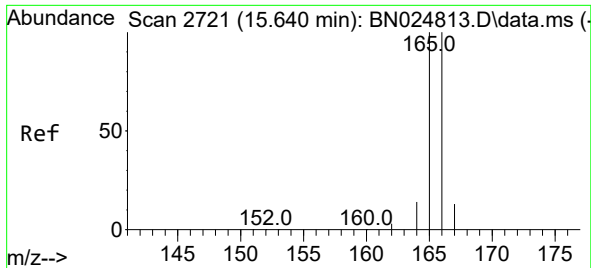
Tgt Ion:152 Resp: 9640
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 14.1 10.6 16.0



#11
Acenaphthene
Concen: 0.190 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. 0.003 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

Tgt Ion:153 Resp: 8539
Ion Ratio Lower Upper
153 100
152 50.8 40.7 61.1
154 89.7 69.4 104.2

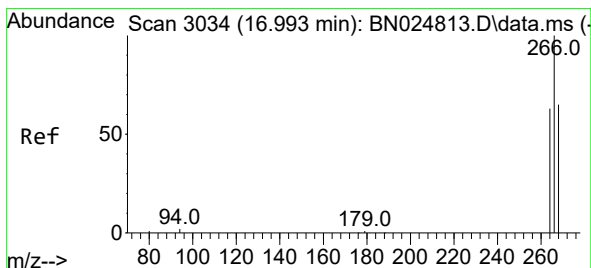
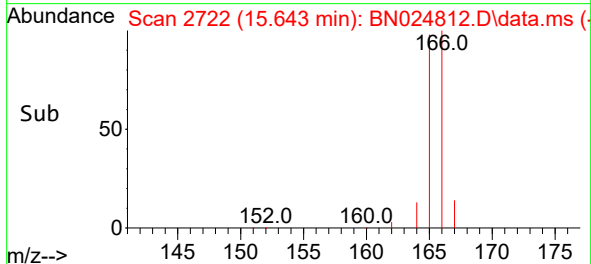
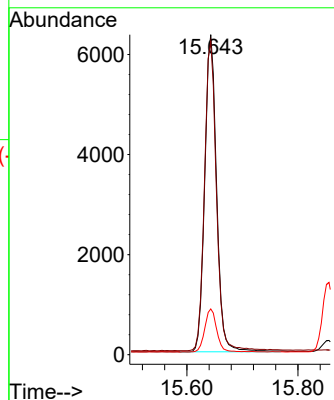
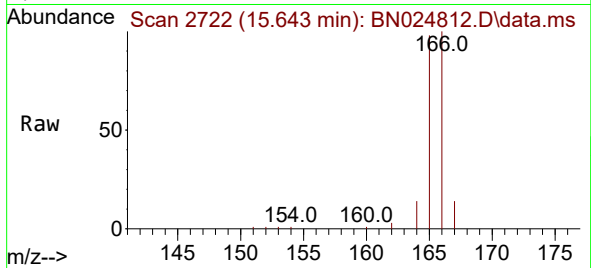




#12
 Fluorene
 Concen: 0.187 ng/ul
 RT: 15.643 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN024812.D
 Acq: 07 Apr 2023 15:05

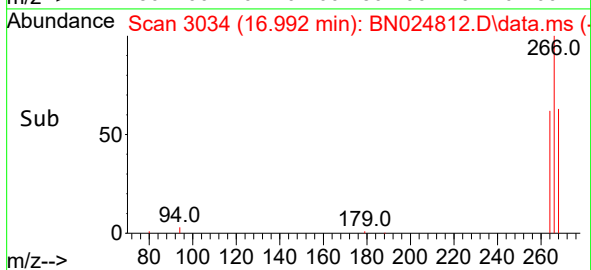
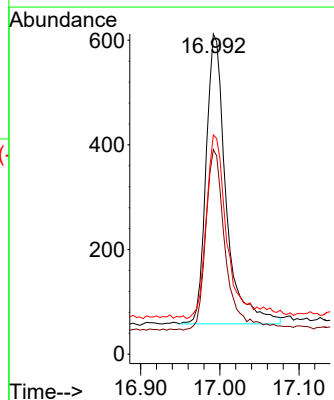
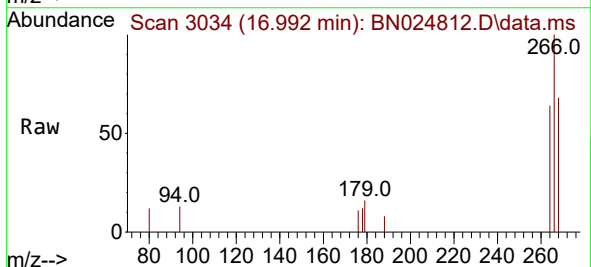
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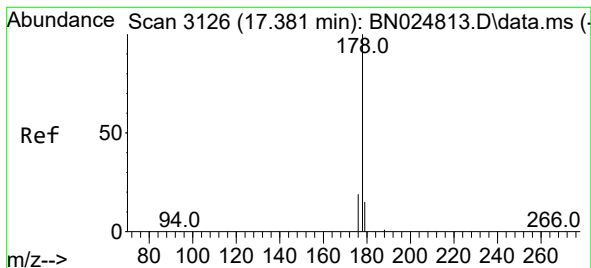
Tgt Ion:166 Resp: 9433
 Ion Ratio Lower Upper
 166 100
 165 98.0 80.1 120.1
 167 14.3 10.7 16.1



#14
 Pentachlorophenol
 Concen: 0.155 ng/ul
 RT: 16.992 min Scan# 3034
 Delta R.T. -0.001 min
 Lab File: BN024812.D
 Acq: 07 Apr 2023 15:05

Tgt Ion:266 Resp: 969
 Ion Ratio Lower Upper
 266 100
 264 62.0 51.2 76.8
 268 67.5 51.4 77.2





#15

Phenanthrene

Concen: 0.191 ng/ul

RT: 17.384 min Scan# 3126

Delta R.T. 0.003 min

Lab File: BN024812.D

Acq: 07 Apr 2023 15:05

Instrument :

BNA_N

ClientSampleId :

SSTD0.2203

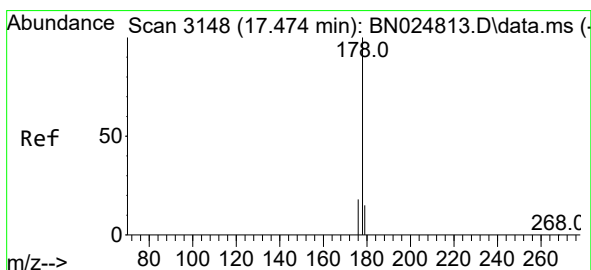
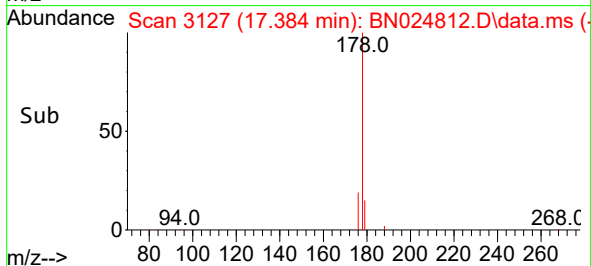
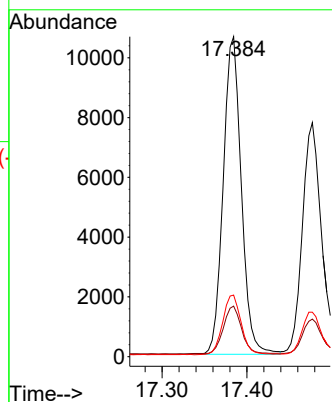
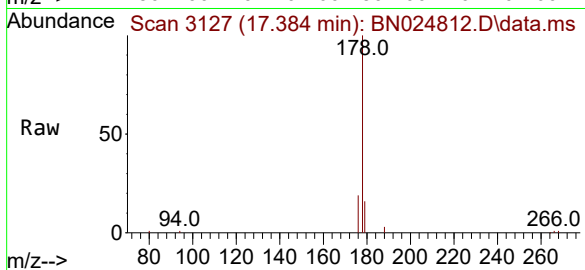
Tgt Ion:178 Resp: 15781

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 19.3 15.4 23.0



#16

Anthracene

Concen: 0.184 ng/ul

RT: 17.477 min Scan# 3149

Delta R.T. 0.003 min

Lab File: BN024812.D

Acq: 07 Apr 2023 15:05

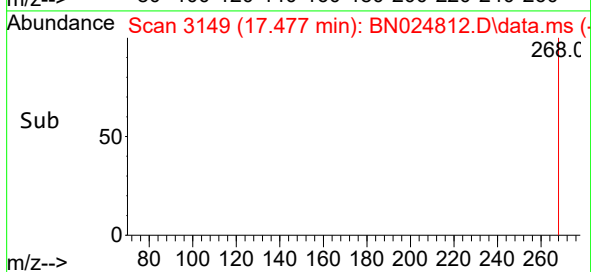
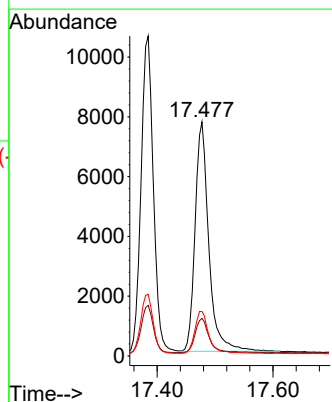
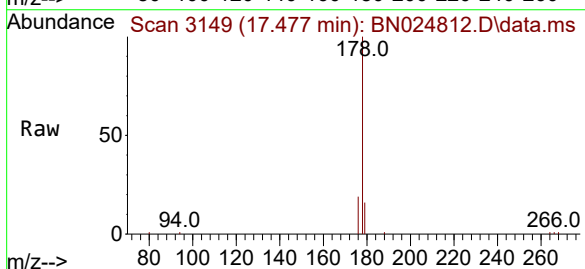
Tgt Ion:178 Resp: 12641

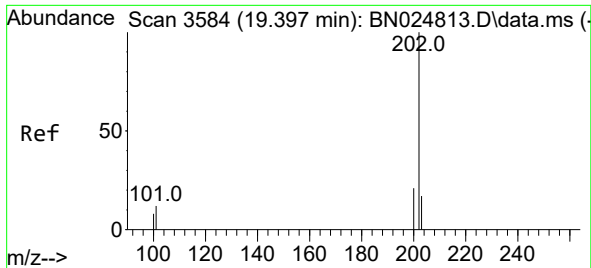
Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

176 19.0 14.7 22.1

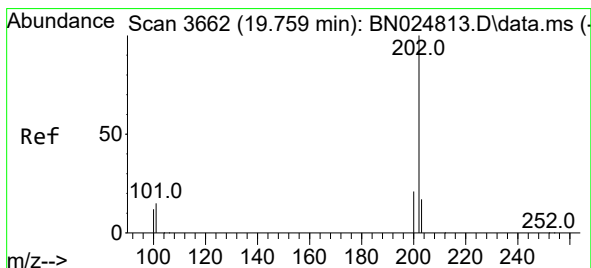
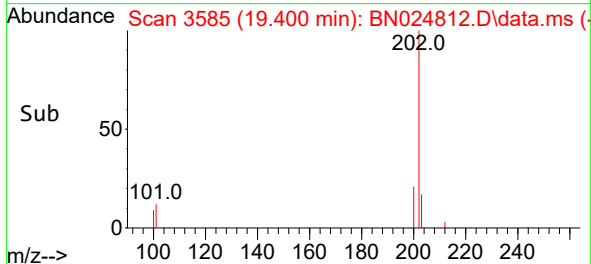
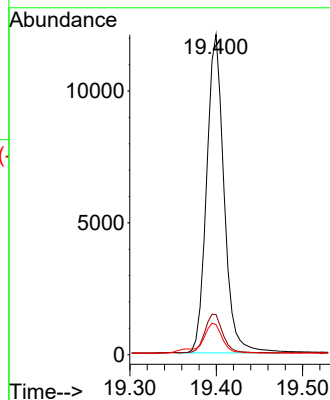
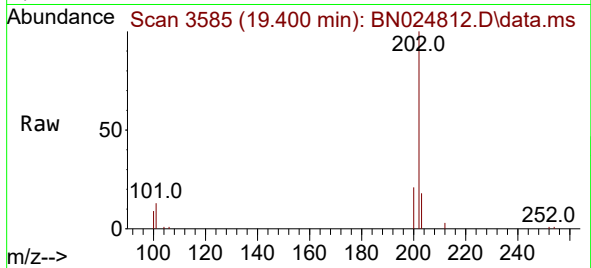




#19
Fluoranthene
Concen: 0.189 ng/ul
RT: 19.400 min Scan# 3585
Delta R.T. 0.003 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

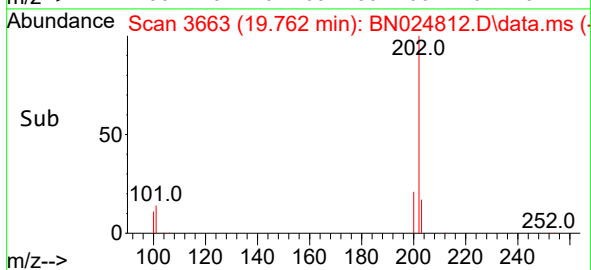
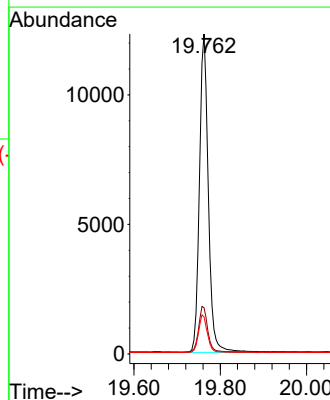
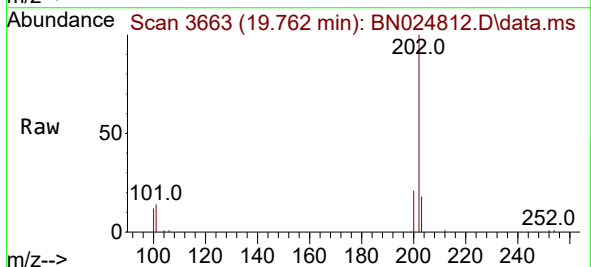
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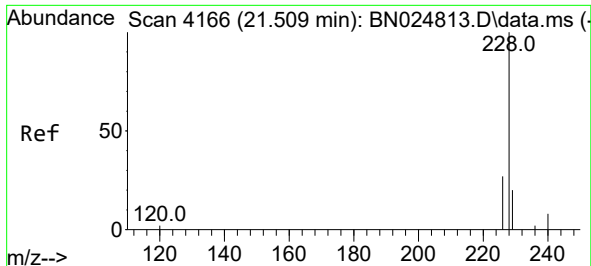
Tgt Ion:202 Resp: 16958
Ion Ratio Lower Upper
202 100
101 12.5 10.0 15.0
100 9.4 7.5 11.3



#20
Pyrene
Concen: 0.191 ng/ul
RT: 19.762 min Scan# 3663
Delta R.T. 0.003 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

Tgt Ion:202 Resp: 17618
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.8
100 11.6 9.5 14.3

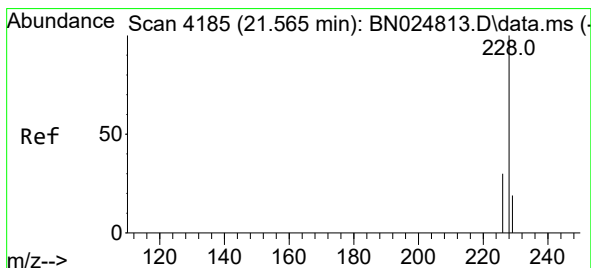
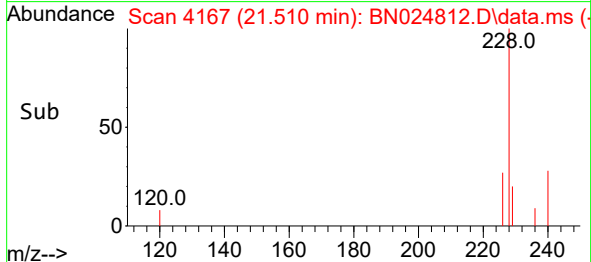
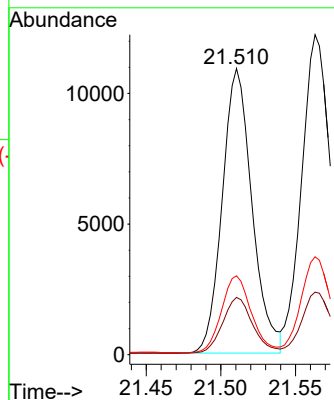
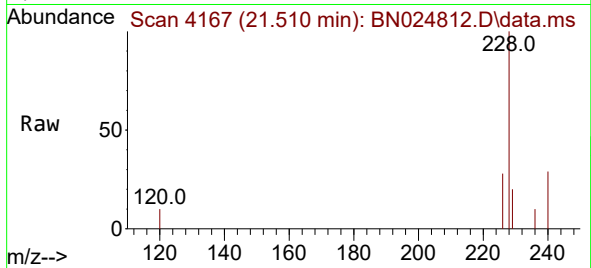




#21
Benzo(a)anthracene
Concen: 0.183 ng/ul
RT: 21.510 min Scan# 4166
Delta R.T. 0.001 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

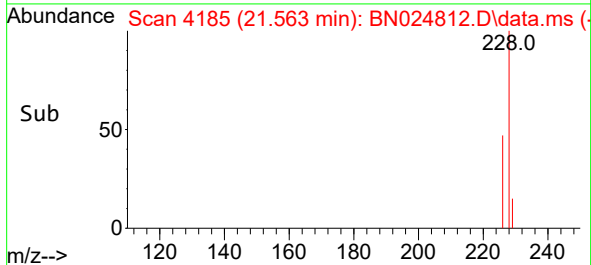
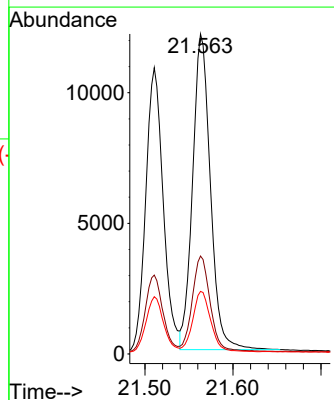
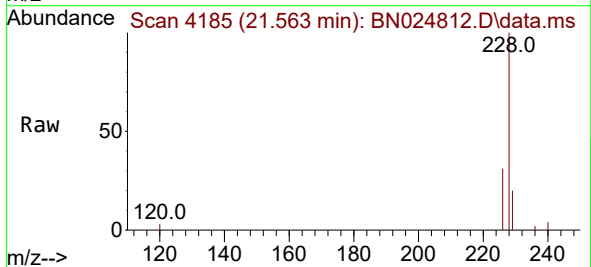
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ClientSampleId :
SSTD0.2203

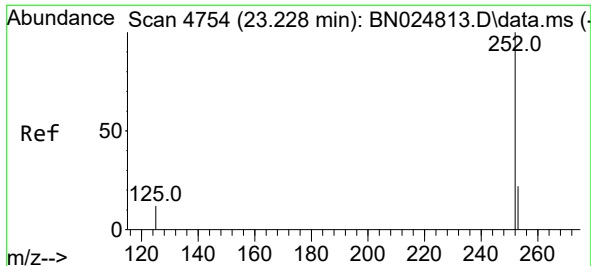
Tgt Ion:228 Resp: 15109
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.191 ng/ul
RT: 21.563 min Scan# 4185
Delta R.T. -0.002 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

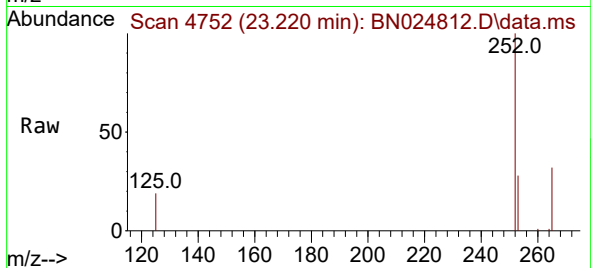
Tgt Ion:228 Resp: 16994
Ion Ratio Lower Upper
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226 30.6 24.3 36.5
229 19.5 15.7 23.5



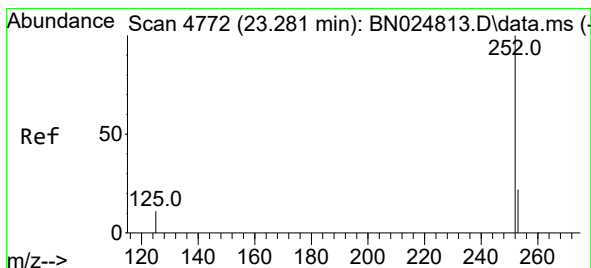
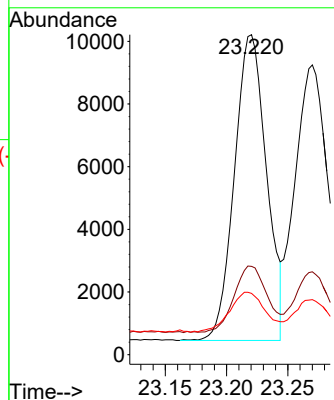


#24
Benzo(b)fluoranthene
Concen: 0.186 ng/ul
RT: 23.220 min Scan# 4754
Delta R.T. -0.008 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

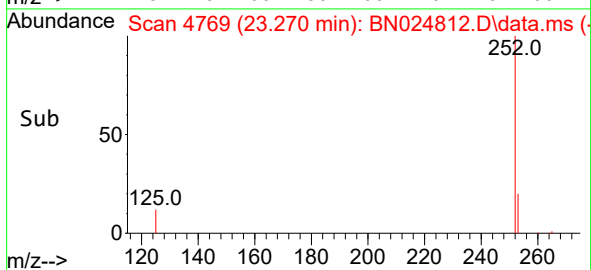
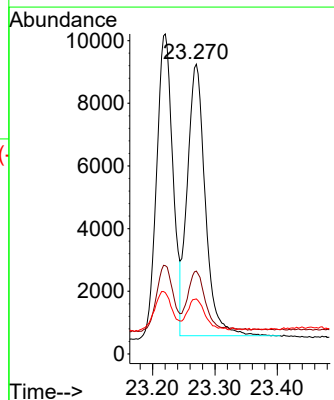
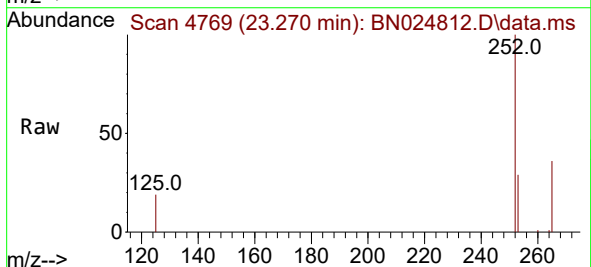


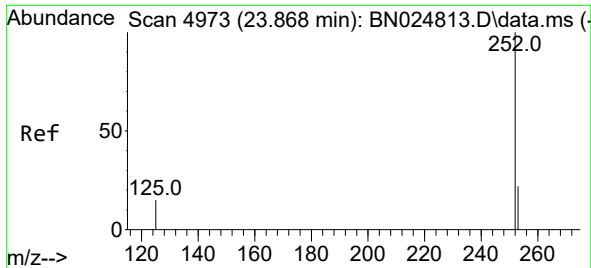
Tgt Ion:252 Resp: 17779
Ion Ratio Lower Upper
252 100
253 27.6 0.0 49.4
125 19.2 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.186 ng/ul
RT: 23.270 min Scan# 4769
Delta R.T. -0.011 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

Tgt Ion:252 Resp: 17333
Ion Ratio Lower Upper
252 100
253 28.6 20.1 30.1
125 19.0 12.2 18.2#

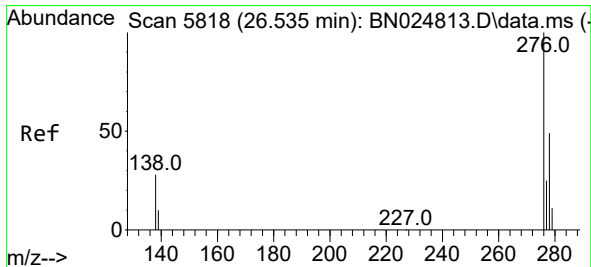
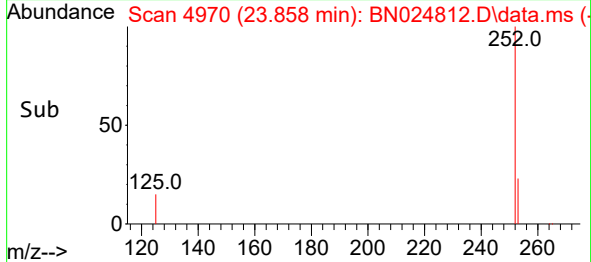
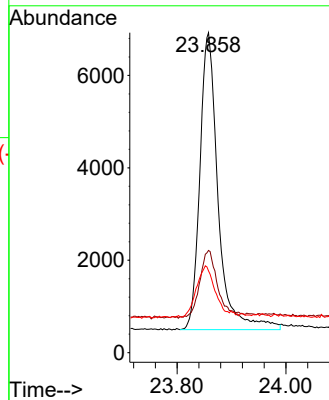
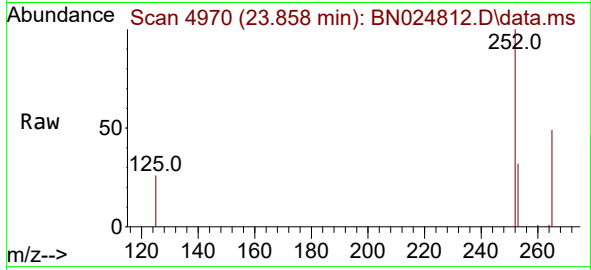




#26
Benzo(a)pyrene
Concen: 0.189 ng/ul
RT: 23.858 min Scan# 4973
Delta R.T. -0.011 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

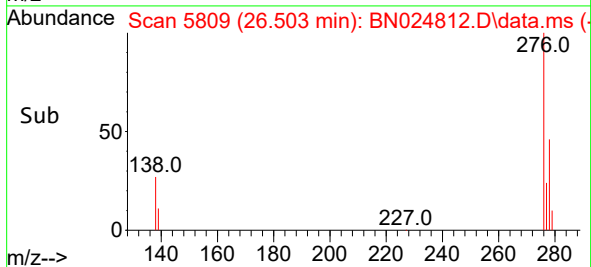
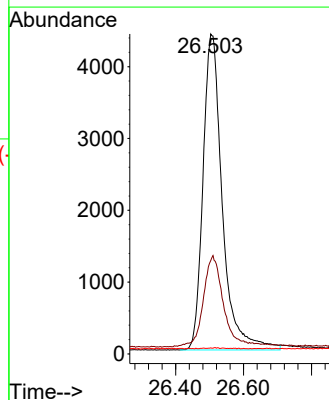
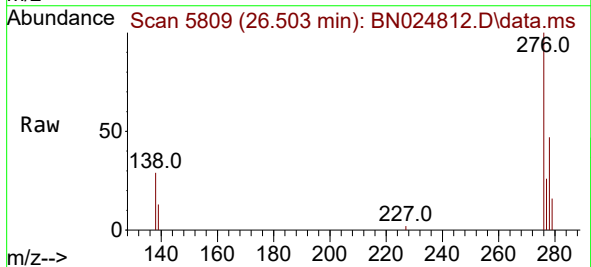
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

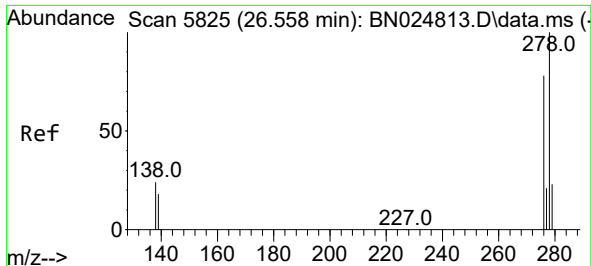
Tgt Ion:252 Resp: 14914
Ion Ratio Lower Upper
252 100
253 32.0 20.7 31.1#
125 25.6 15.9 23.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.186 ng/ul
RT: 26.503 min Scan# 5809
Delta R.T. -0.032 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

Tgt Ion:276 Resp: 17399
Ion Ratio Lower Upper
276 100
138 30.3 24.2 36.2
227 0.1 0.0 0.0#

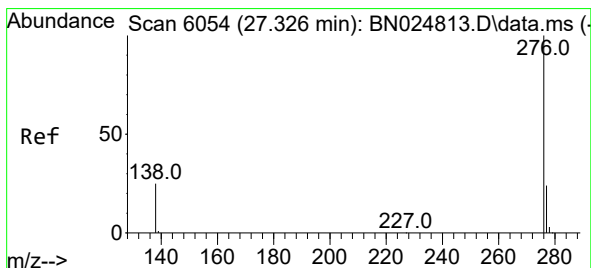
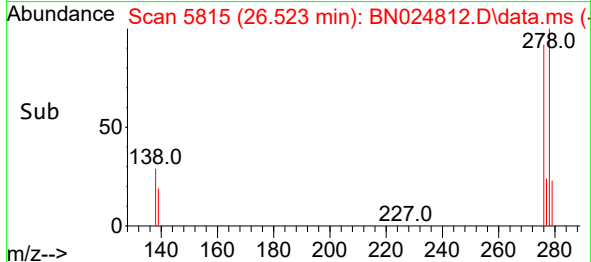
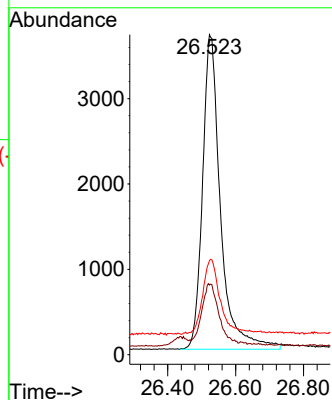
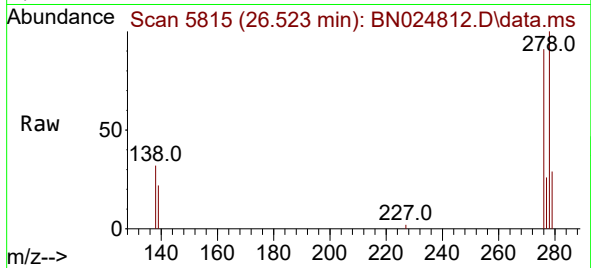




#28
Dibenzo(a,h)anthracene
Concen: 0.185 ng/ul
RT: 26.523 min Scan# 5815
Delta R.T. -0.035 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

Tgt Ion:278 Resp: 13545
Ion Ratio Lower Upper
278 100
139 21.8 16.4 24.6
279 29.4 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.191 ng/ul
RT: 27.284 min Scan# 6042
Delta R.T. -0.042 min
Lab File: BN024812.D
Acq: 07 Apr 2023 15:05

Tgt Ion:276 Resp: 15076
Ion Ratio Lower Upper
276 100
138 27.9 21.0 31.4
277 25.0 19.7 29.5

