

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024712.D
 Acq On : 01 Apr 2023 12:23
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4257

Quant Time: Apr 03 01:37:00 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 01 04:05:52 2023
 Response via : Initial Calibration

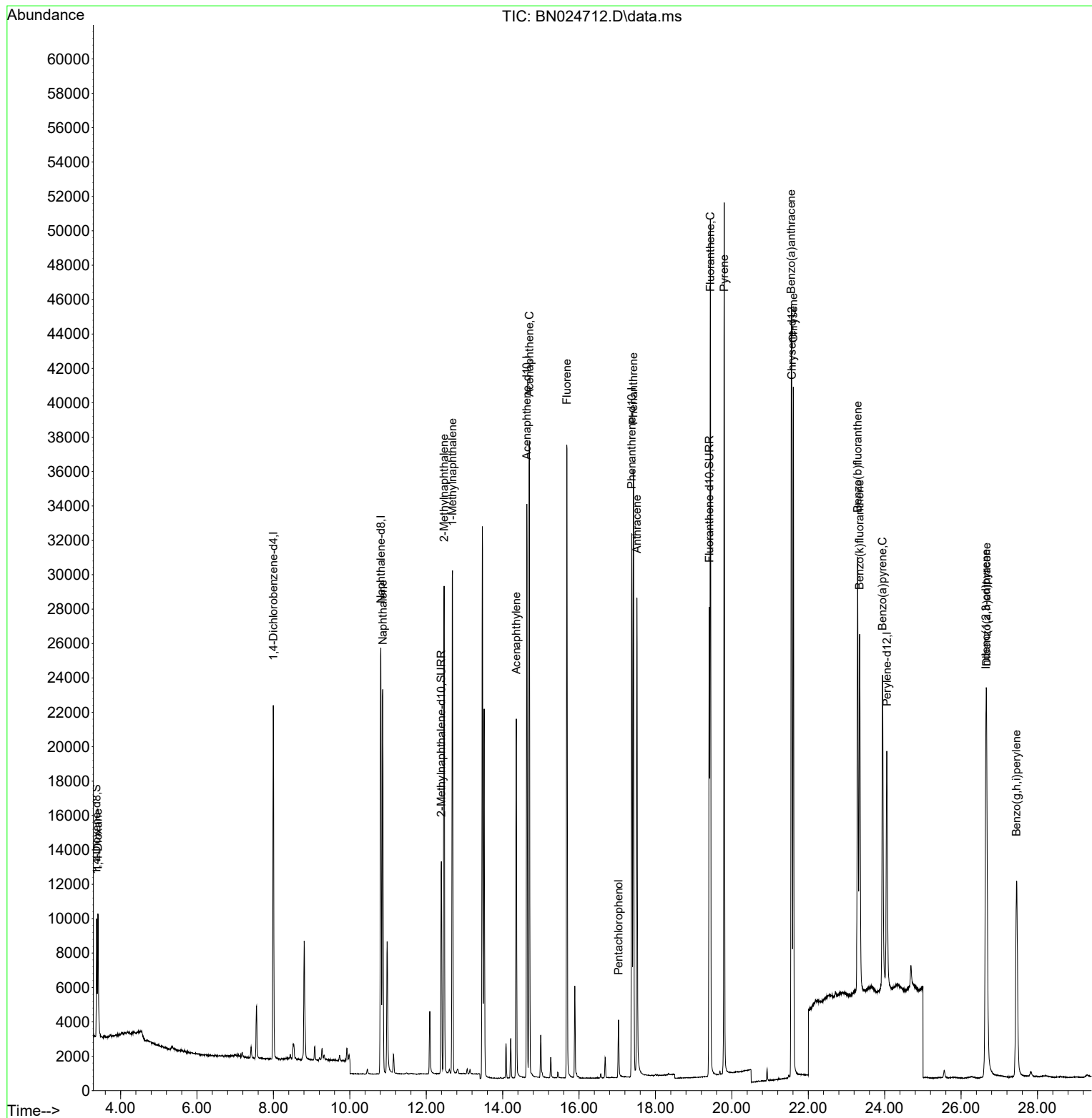
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	10681	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	32375	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.634	164	17888	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	37059	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	29075	0.400	ng/ul	0.00
23) Perylene-d12	24.056	264	21098	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	4223	0.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	15673	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	29567	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	4484	0.389	ng/ul	98
5) Naphthalene	10.861	128	31075	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	19403	0.392	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	20224	0.391	ng/ul	100
10) Acenaphthylene	14.356	152	24253	0.384	ng/ul	99
11) Acenaphthene	14.698	153	21318	0.389	ng/ul	100
12) Fluorene	15.684	166	23767	0.379	ng/ul	98
14) Pentachlorophenol	17.033	266	2405	0.300	ng/ul	99
15) Phenanthrene	17.421	178	38897	0.383	ng/ul	99
16) Anthracene	17.514	178	31883	0.376	ng/ul	100
19) Fluoranthene	19.436	202	41283	0.403	ng/ul	98
20) Pyrene	19.798	202	41416	0.397	ng/ul	97
21) Benzo(a)anthracene	21.553	228	34915	0.400	ng/ul	99
22) Chrysene	21.609	228	36388	0.379	ng/ul	100
24) Benzo(b)fluoranthene	23.292	252	34216	0.390	ng/ul	100
25) Benzo(k)fluoranthene	23.345	252	31919	0.378	ng/ul	99
26) Benzo(a)pyrene	23.944	252	27339	0.397	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.649	276	31557	0.384	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.666	278	24773	0.377	ng/ul	100
29) Benzo(g,h,i)perylene	27.451	276	26207	0.371	ng/ul	99

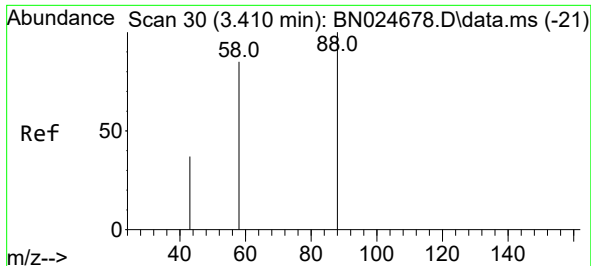
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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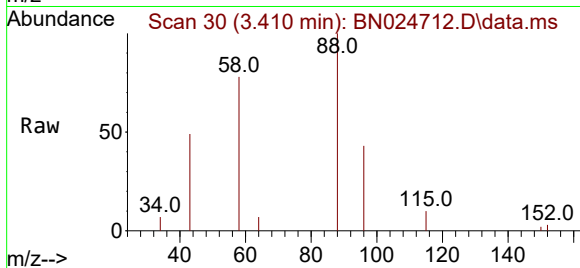
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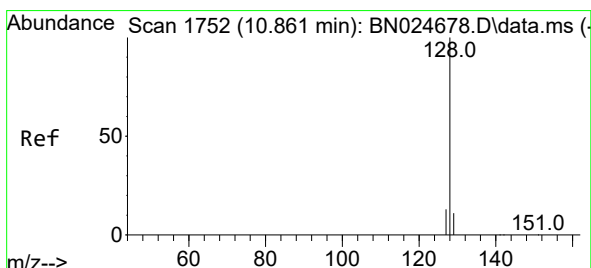
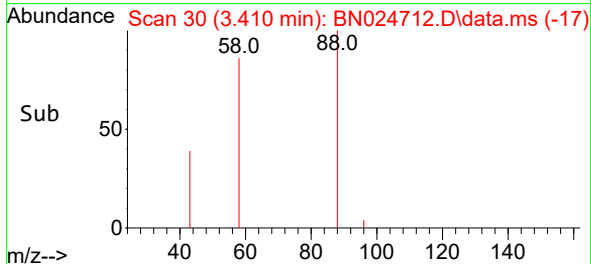
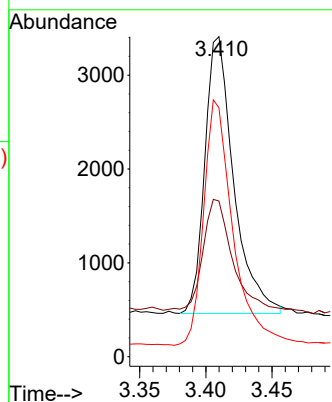
#2
1,4-Dioxane
Concen: 0.389 ng/ul
RT: 3.410 min Scan# 30
Delta R.T. 0.004 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

Instrument :
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ClientSampleId :
SSTD0.4257



Tgt Ion: 88 Resp: 4484

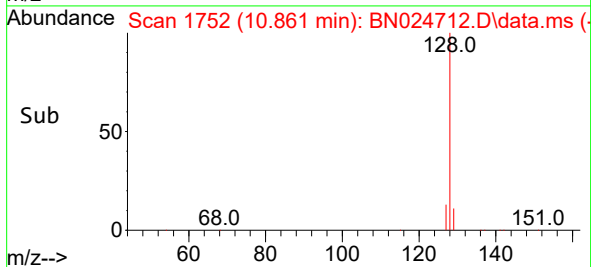
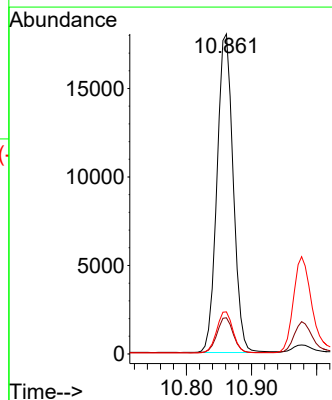
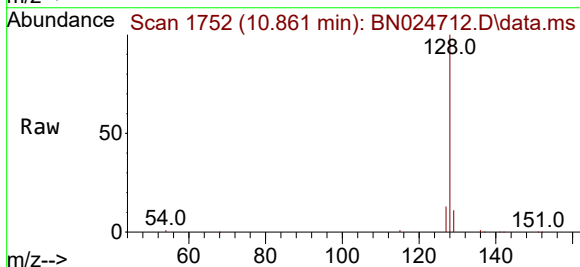
Ion	Ratio	Lower	Upper
88	100		
43	48.7	37.2	55.8
58	77.8	61.5	92.3

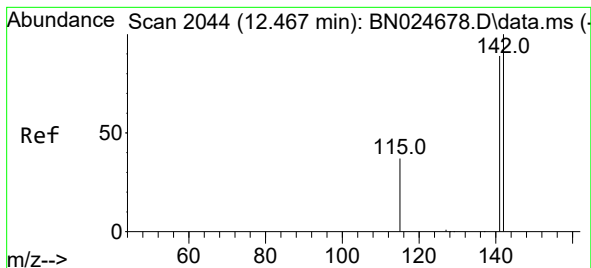


#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

Tgt Ion: 128 Resp: 31075

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.1	10.5	15.7

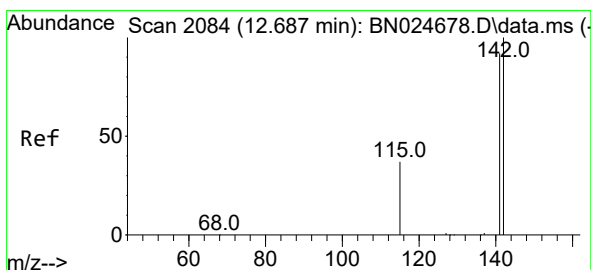
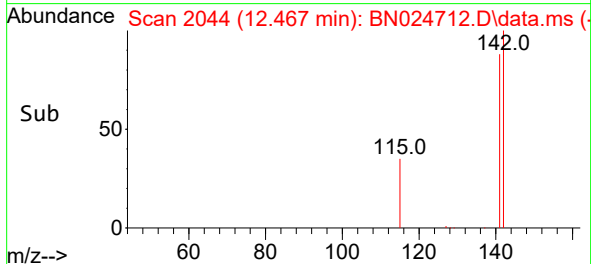
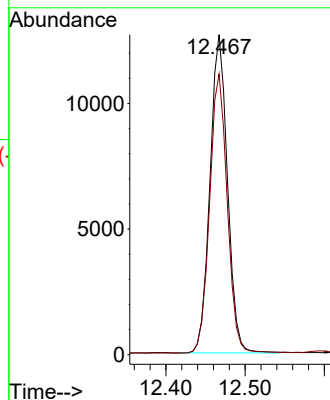
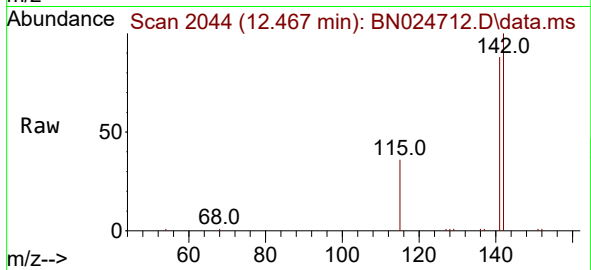




#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

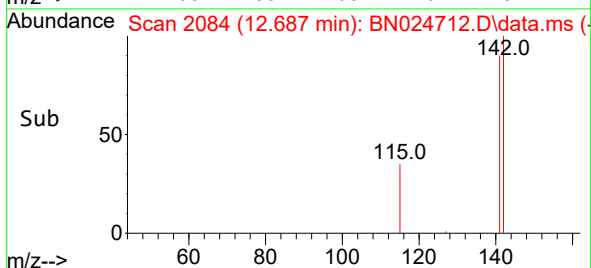
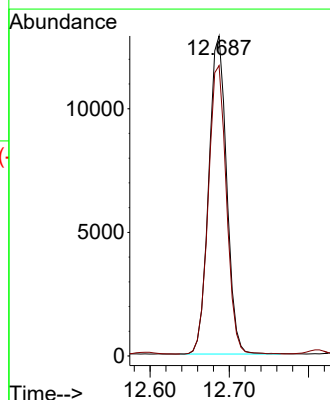
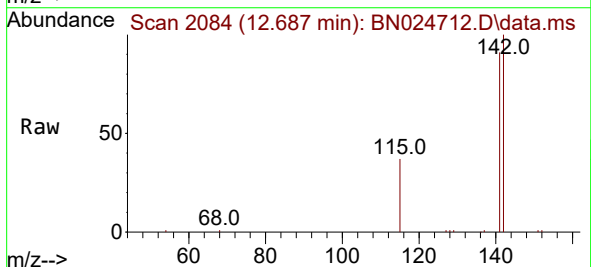
Instrument :
BNA_N
ClientSampleId :
SSTD0.4257

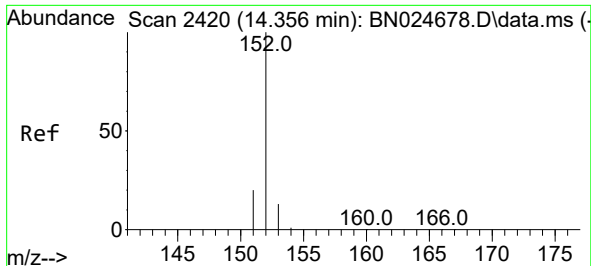
Tgt Ion:142 Resp: 19403
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

Tgt Ion:142 Resp: 20224
Ion Ratio Lower Upper
142 100
141 91.6 73.5 110.3

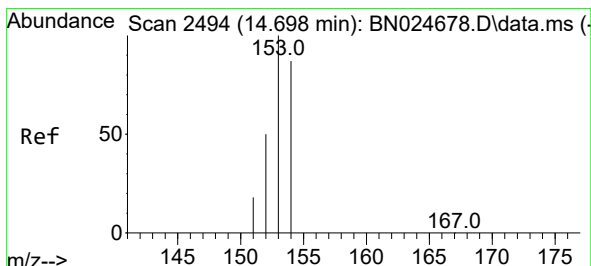
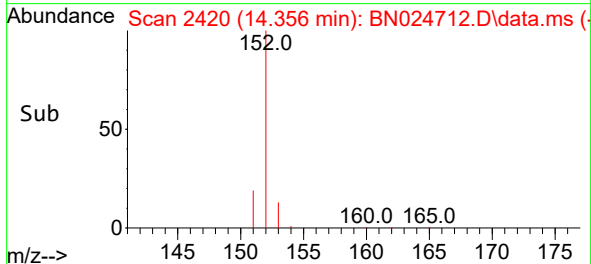
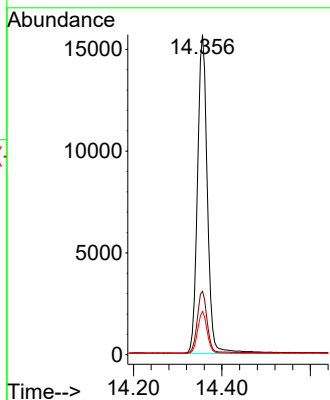
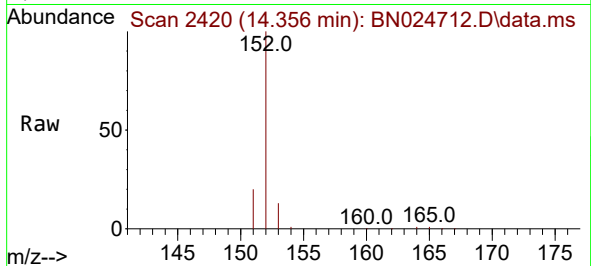




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

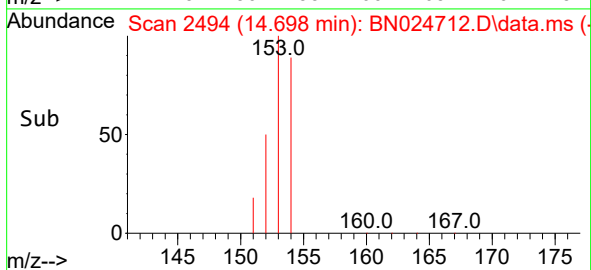
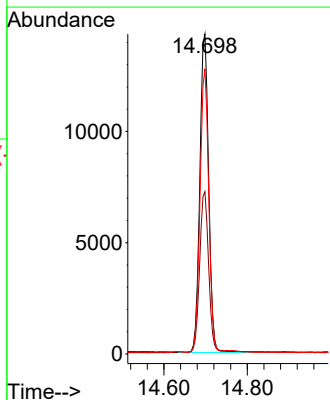
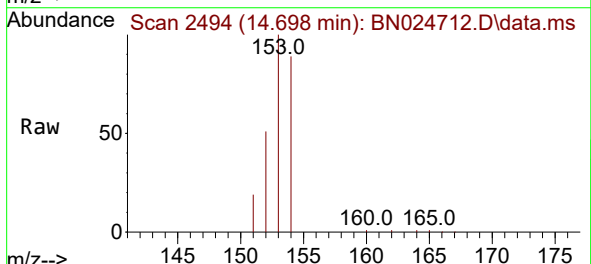
Instrument :
BNA_N
ClientSampleId :
SSTD0.4257

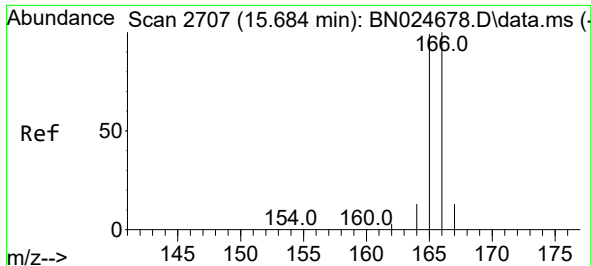
Tgt Ion:152 Resp: 24253
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.5 10.6 16.0



#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

Tgt Ion:153 Resp: 21318
Ion Ratio Lower Upper
153 100
152 50.7 40.3 60.5
154 89.1 71.0 106.4

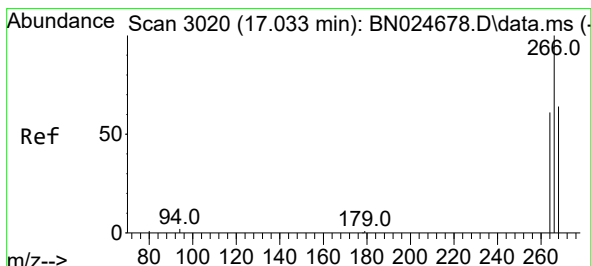
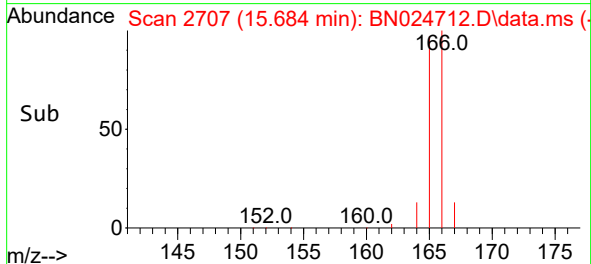
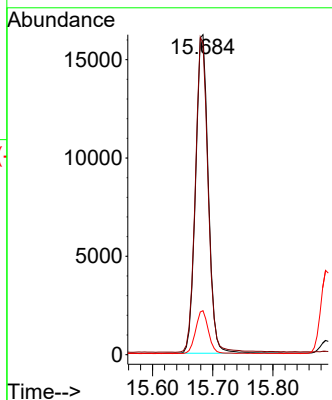
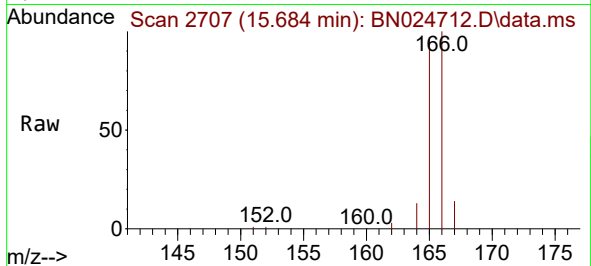




#12
 Fluorene
 Concen: 0.379 ng/ul
 RT: 15.684 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024712.D
 Acq: 01 Apr 2023 12:23

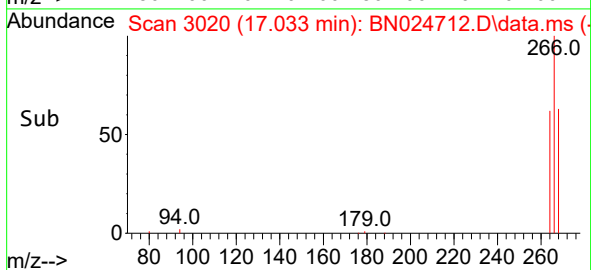
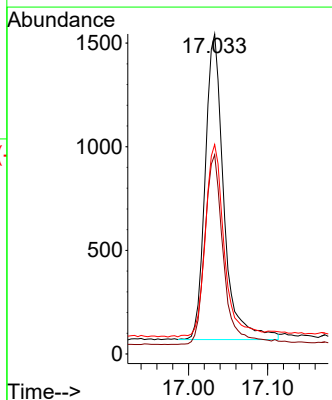
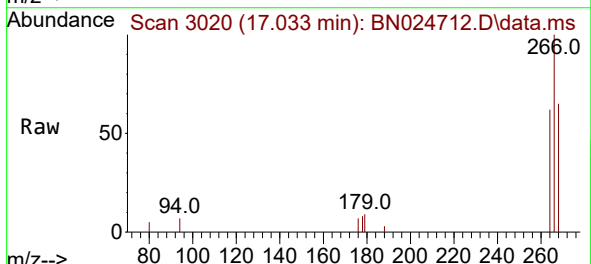
Instrument :
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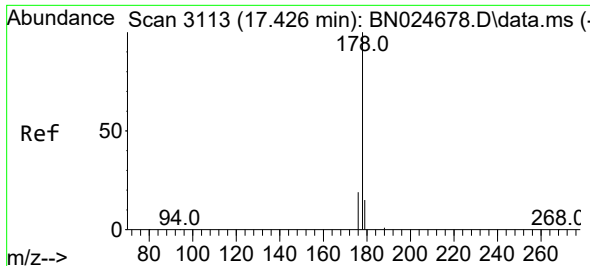
Tgt Ion:166 Resp: 23767
 Ion Ratio Lower Upper
 166 100
 165 97.3 80.0 120.0
 167 13.7 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.300 ng/ul
 RT: 17.033 min Scan# 3020
 Delta R.T. -0.000 min
 Lab File: BN024712.D
 Acq: 01 Apr 2023 12:23

Tgt Ion:266 Resp: 2405
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.6 74.4
 268 65.1 52.6 78.8

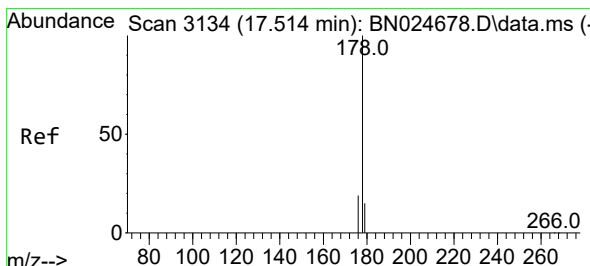
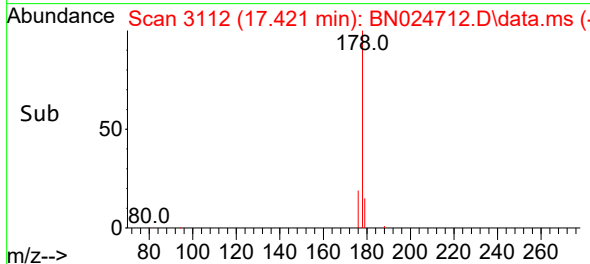
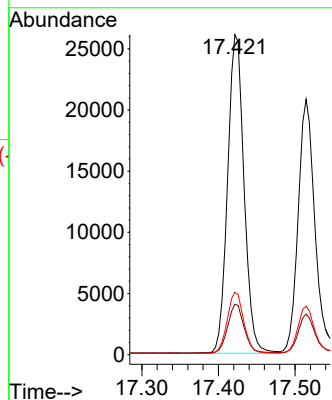
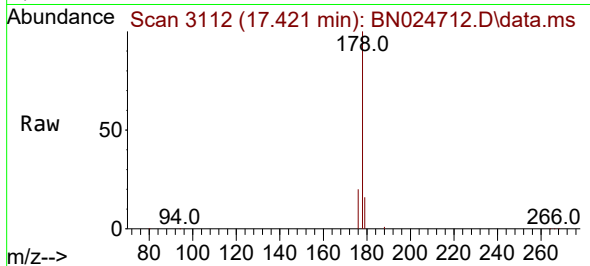




#15
Phenanthrene
Concen: 0.383 ng/ul
RT: 17.421 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

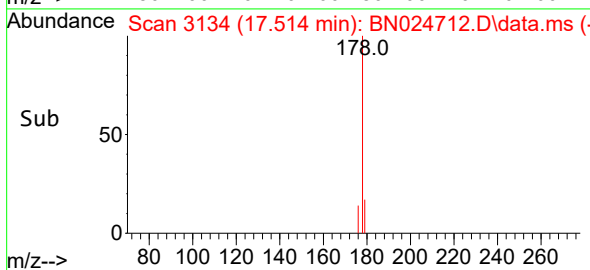
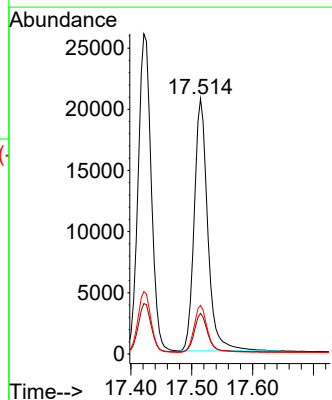
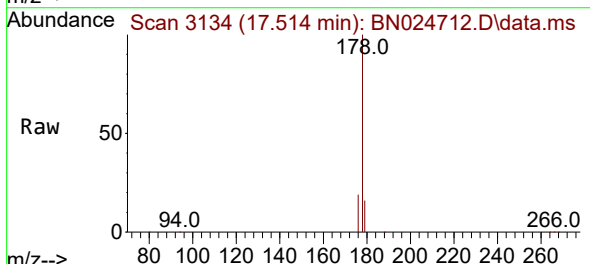
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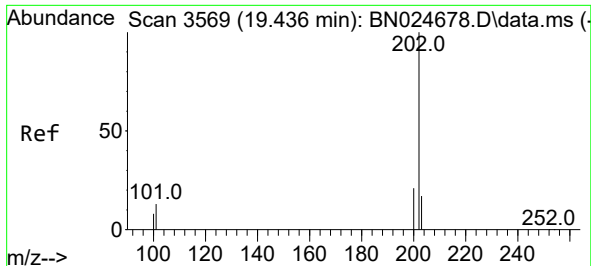
Tgt Ion:178 Resp: 38897
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.5 15.5 23.3



#16
Anthracene
Concen: 0.376 ng/ul
RT: 17.514 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

Tgt Ion:178 Resp: 31883
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.0 15.2 22.8

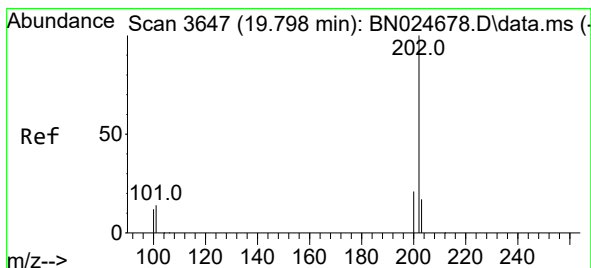
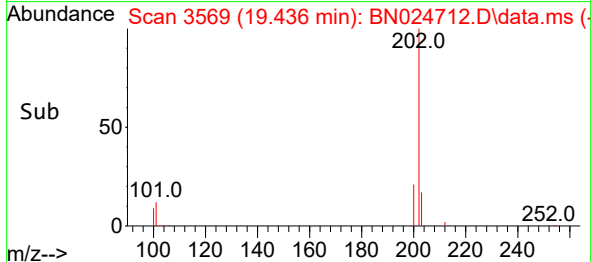
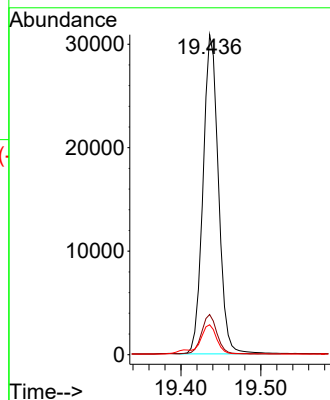
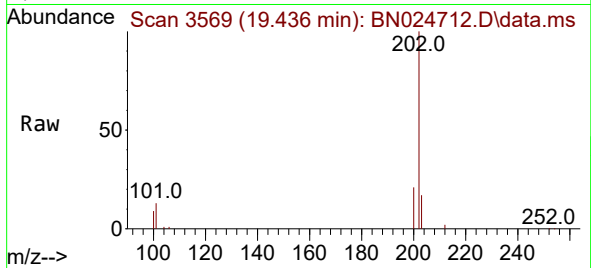




#19
Fluoranthene
Concen: 0.403 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. -0.000 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

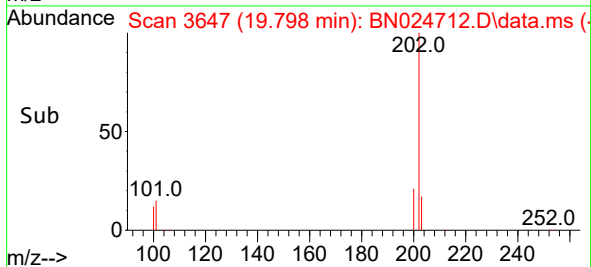
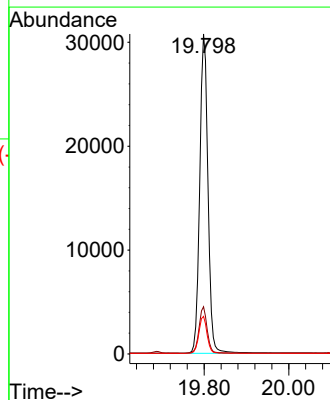
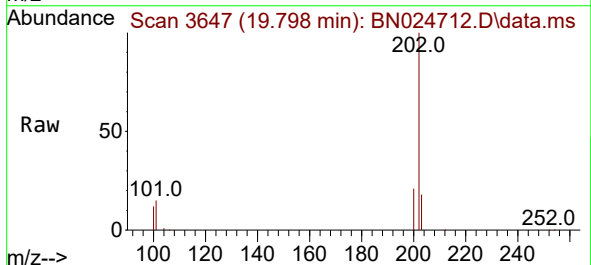
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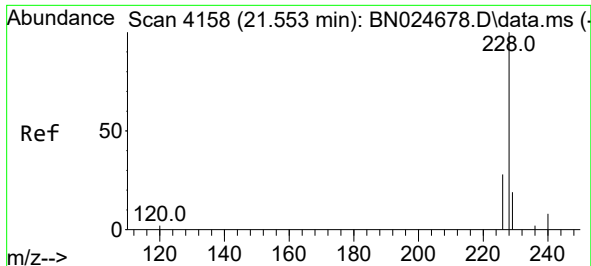
Tgt Ion:202 Resp: 41283
Ion Ratio Lower Upper
202 100
101 12.6 9.6 14.4
100 9.4 7.0 10.6



#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.798 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

Tgt Ion:202 Resp: 41416
Ion Ratio Lower Upper
202 100
101 14.8 10.9 16.3
100 11.8 8.7 13.1

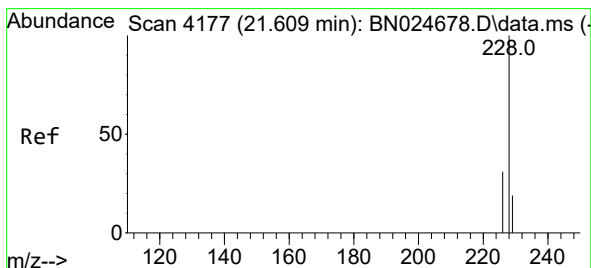
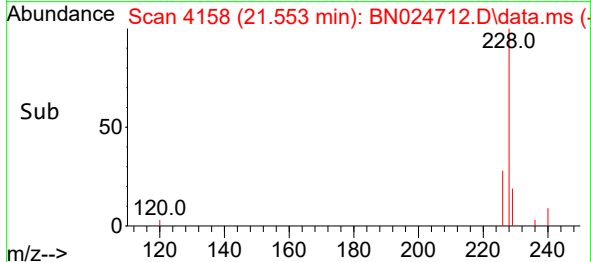
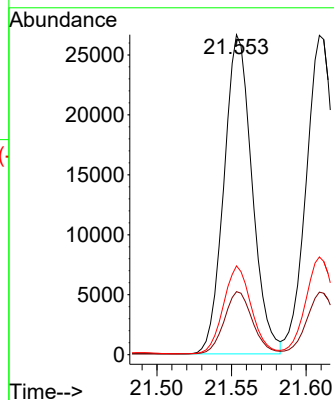
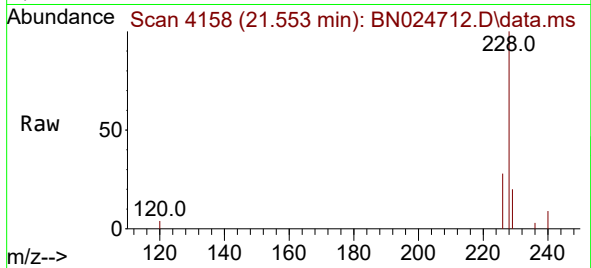




#21
Benzo(a)anthracene
Concen: 0.400 ng/ul
RT: 21.553 min Scan# 4158
Delta R.T. 0.006 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

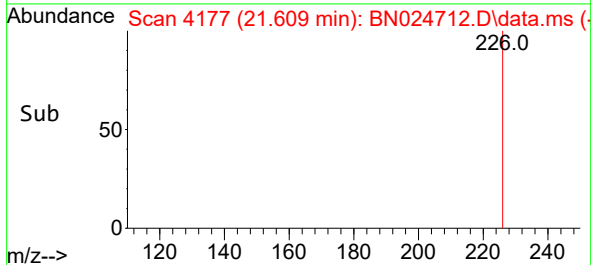
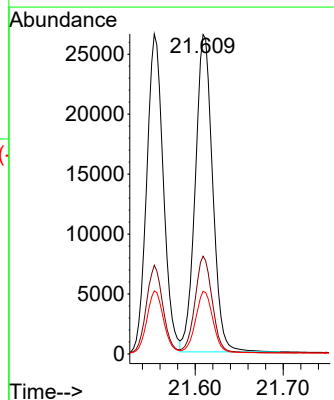
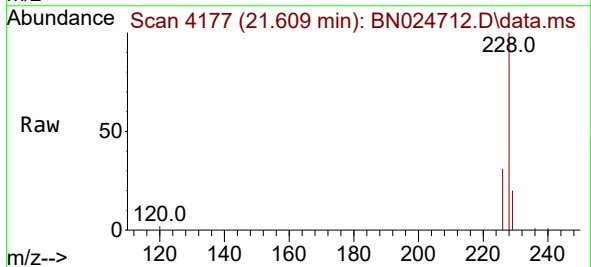
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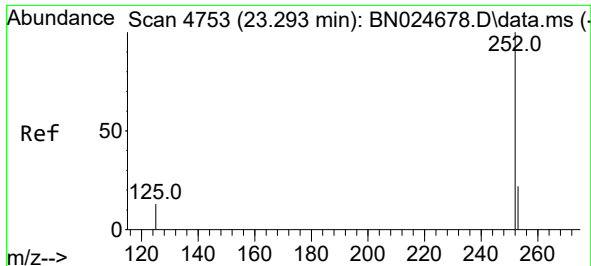
Tgt Ion:228 Resp: 34915
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.8 22.5 33.7



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.609 min Scan# 4177
Delta R.T. 0.006 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

Tgt Ion:228 Resp: 36388
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.6 15.6 23.4

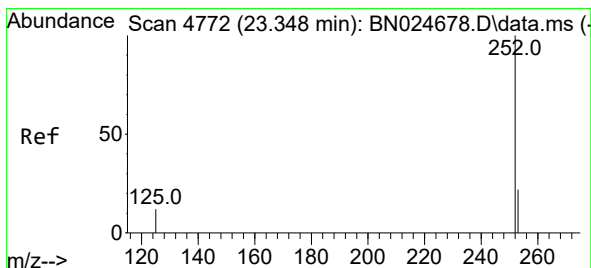
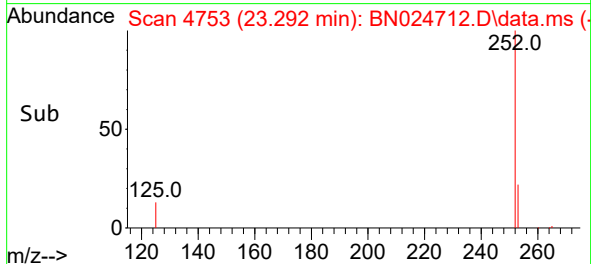
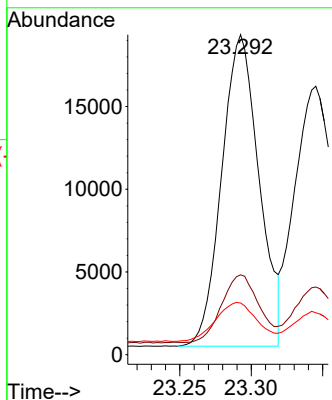
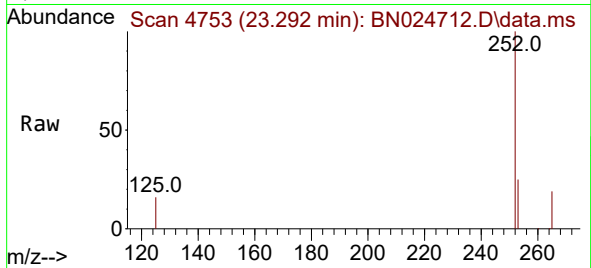




#24
Benzo(b)fluoranthene
Concen: 0.390 ng/ul
RT: 23.292 min Scan# 4753
Delta R.T. 0.009 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

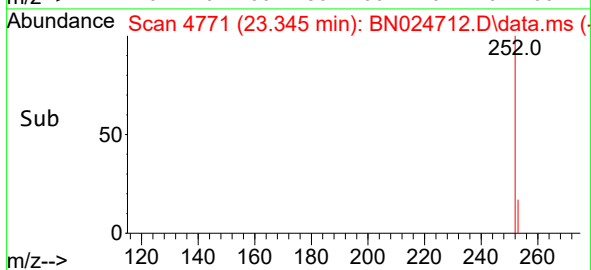
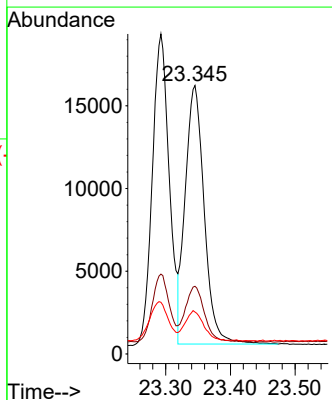
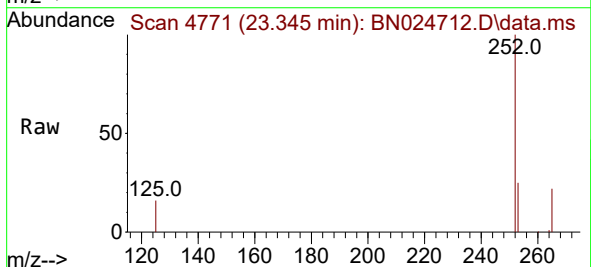
Instrument :
BNA_N
ClientSampleId :
SSTD0.4257

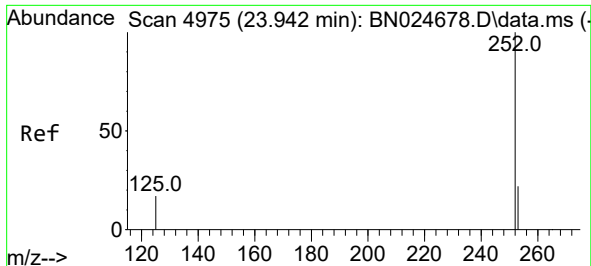
Tgt Ion:252 Resp: 34216
Ion Ratio Lower Upper
252 100
253 24.9 0.0 49.6
125 16.1 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 23.345 min Scan# 4771
Delta R.T. 0.012 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

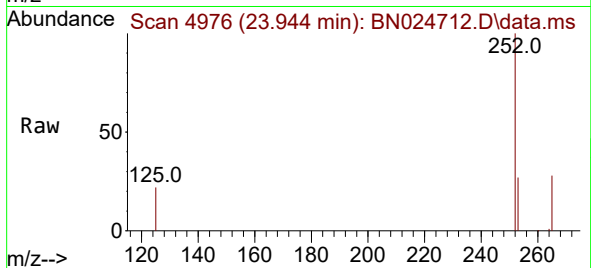
Tgt Ion:252 Resp: 31919
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.2
125 15.6 13.1 19.7



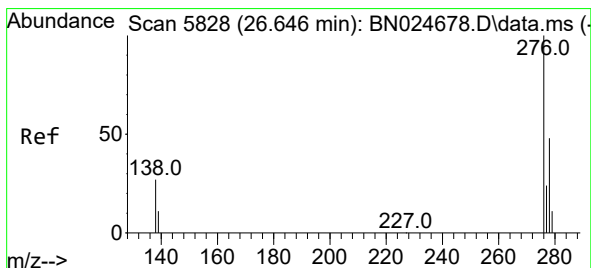
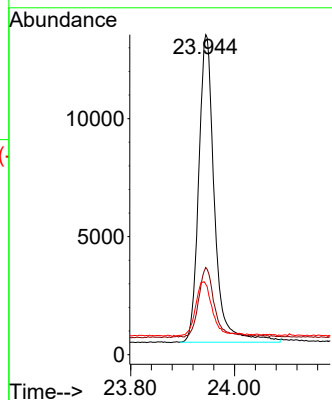
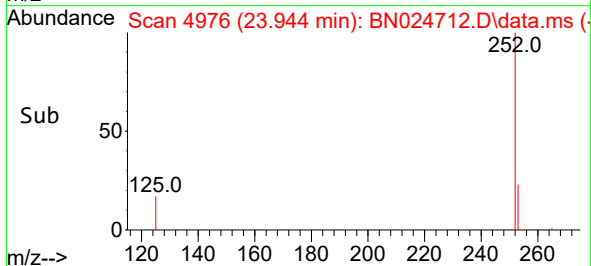


#26
Benzo(a)pyrene
Concen: 0.397 ng/ul
RT: 23.944 min Scan# 4975
Delta R.T. 0.006 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23

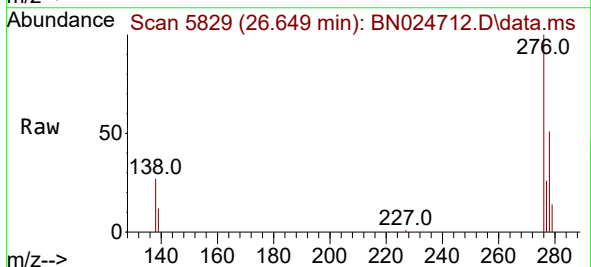
Instrument :
BNA_N
ClientSampleId :
SSTD0.4257



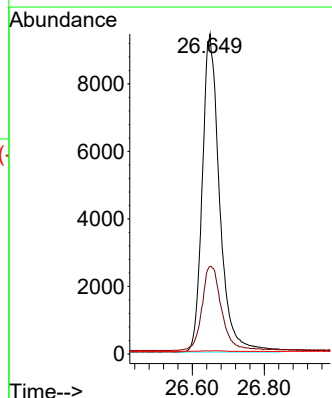
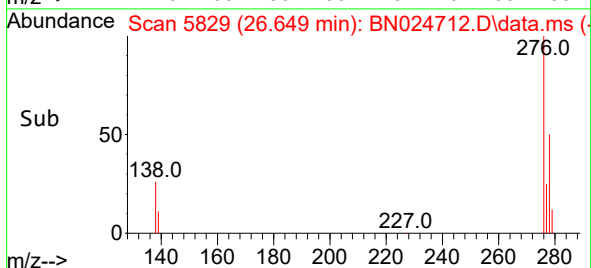
Tgt Ion:252 Resp: 27339
Ion Ratio Lower Upper
252 100
253 27.2 21.8 32.8
125 22.0 15.4 23.0

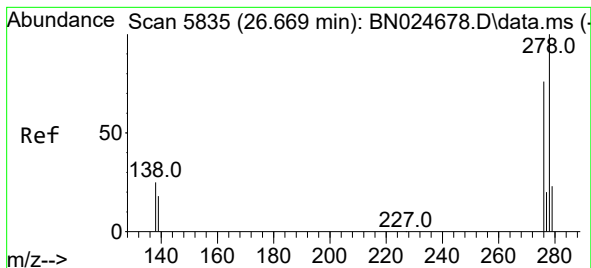


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 26.649 min Scan# 5829
Delta R.T. 0.003 min
Lab File: BN024712.D
Acq: 01 Apr 2023 12:23



Tgt Ion:276 Resp: 31557
Ion Ratio Lower Upper
276 100
138 29.8 24.6 36.8
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.377 ng/ul

RT: 26.666 min Scan# 5834

Delta R.T. -0.000 min

Lab File: BN024712.D

Acq: 01 Apr 2023 12:23

Instrument :

BNA_N

ClientSampleId :

SSTD0.4257

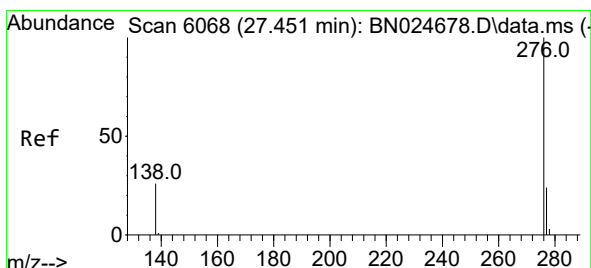
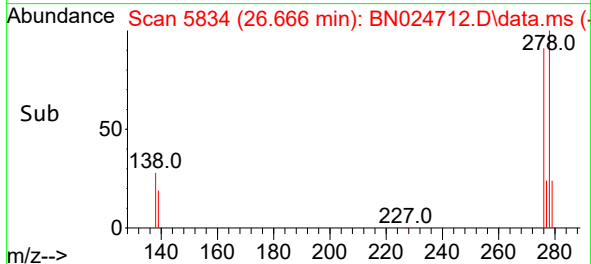
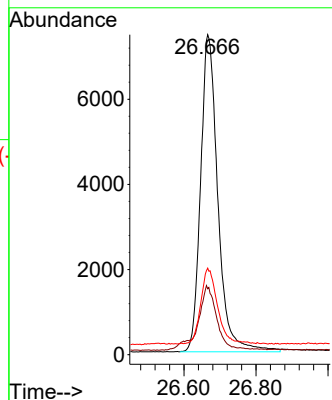
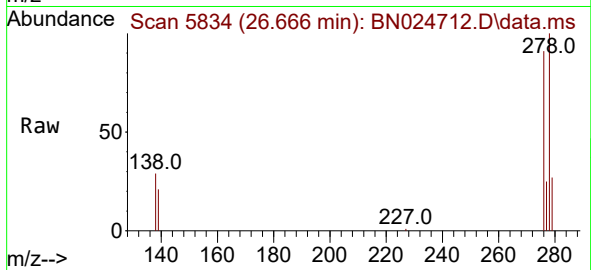
Tgt Ion:278 Resp: 24773

Ion Ratio Lower Upper

278 100

139 20.6 16.5 24.7

279 27.0 21.8 32.8



#29

Benzo(g,h,i)perylene

Concen: 0.371 ng/ul

RT: 27.451 min Scan# 6068

Delta R.T. 0.007 min

Lab File: BN024712.D

Acq: 01 Apr 2023 12:23

Tgt Ion:276 Resp: 26207

Ion Ratio Lower Upper

276 100

138 26.0 21.4 32.2

277 24.2 19.8 29.6

