

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041223\
 Data File : BN024841.D
 Acq On : 12 Apr 2023 10:47
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4265

Quant Time: Apr 13 02:47:16 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 : Thu Apr 13 02:44:00 2023
 Response via : Initial Calibration

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

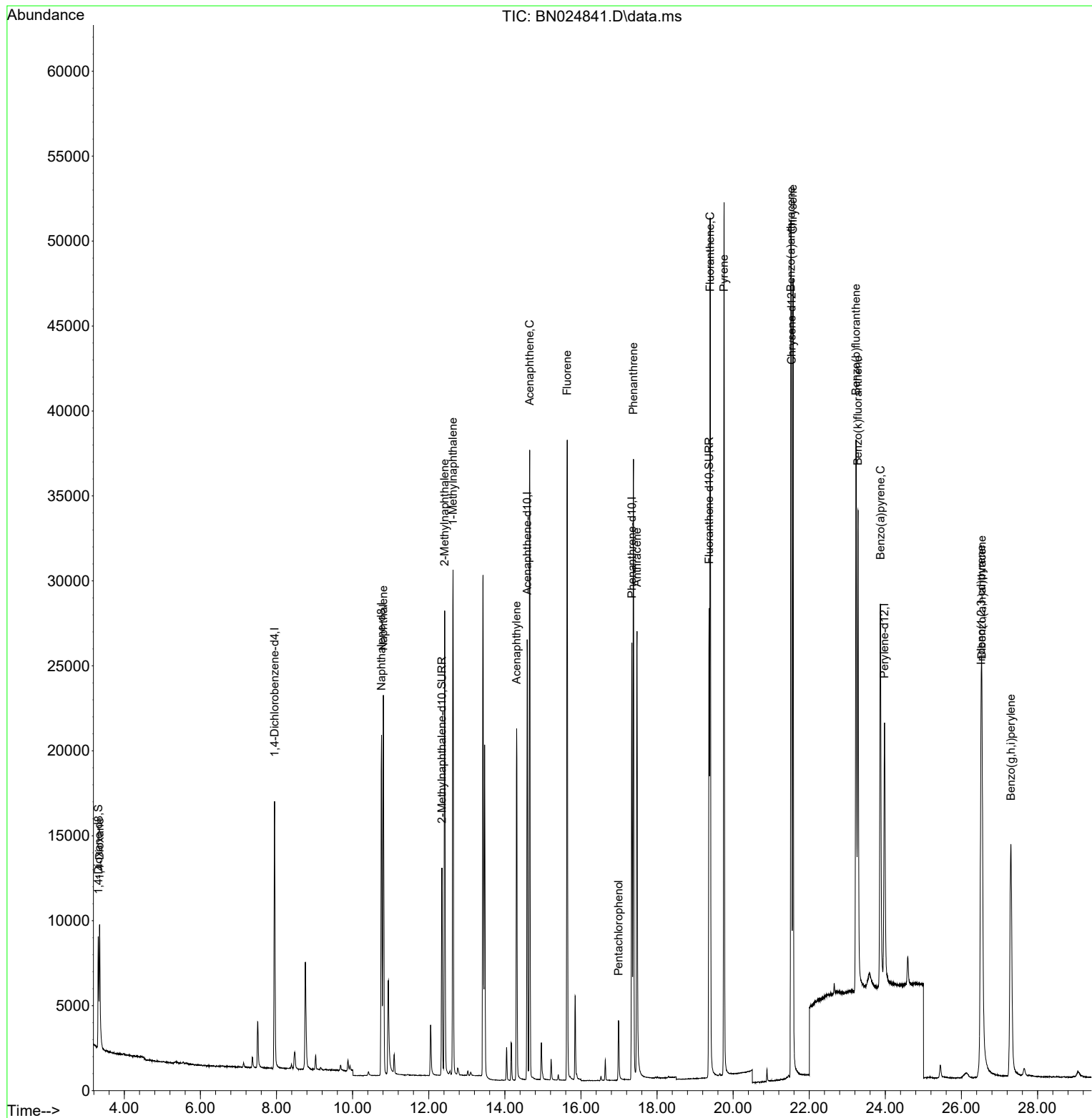
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	8878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.758	136	26118	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.588	164	14098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	30045	0.400	ng/ul	0.00
17) Chrysene-d12	21.534	240	26139	0.400	ng/ul	0.00
23) Perylene-d12	23.977	264	23363	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	4324	0.446	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.347	152	15696	0.468	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	31204	0.481	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	4735	0.443	ng/ul	95
5) Naphthalene	10.807	128	31388	0.472	ng/ul	100
7) 2-Methylnaphthalene	12.418	142	19368	0.468	ng/ul	100
8) 1-Methylnaphthalene	12.638	142	20221	0.461	ng/ul	100
10) Acenaphthylene	14.310	152	24216	0.458	ng/ul	99
11) Acenaphthene	14.653	153	21385	0.472	ng/ul	99
12) Fluorene	15.638	166	23835	0.470	ng/ul	98
14) Pentachlorophenol	16.987	266	2612	0.408	ng/ul	99
15) Phenanthrene	17.380	178	39162	0.463	ng/ul	99
16) Anthracene	17.473	178	32063	0.456	ng/ul	99
19) Fluoranthene	19.395	202	43649	0.485	ng/ul	99
20) Pyrene	19.762	202	44508	0.483	ng/ul	98
21) Benzo(a)anthracene	21.519	228	41619	0.504	ng/ul	100
22) Chrysene	21.572	228	43098	0.482	ng/ul	100
24) Benzo(b)fluoranthene	23.229	252	42781	0.456	ng/ul	99
25) Benzo(k)fluoranthene	23.279	252	41670	0.456	ng/ul	99
26) Benzo(a)pyrene	23.869	252	36159	0.465	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.513	276	40126	0.438	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.540	278	30599	0.425	ng/ul	100
29) Benzo(g,h,i)perylene	27.301	276	34172	0.441	ng/ul	99

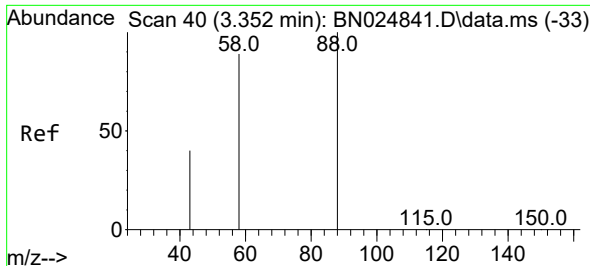
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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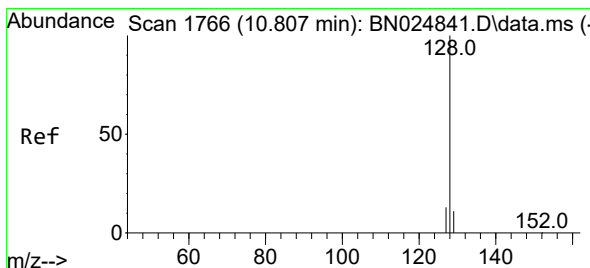
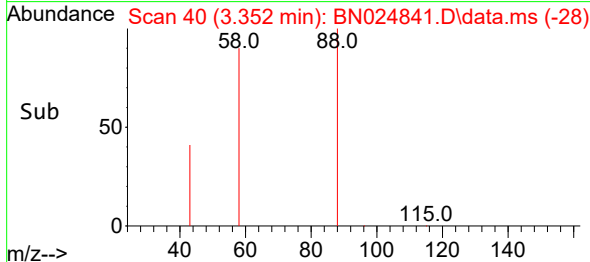
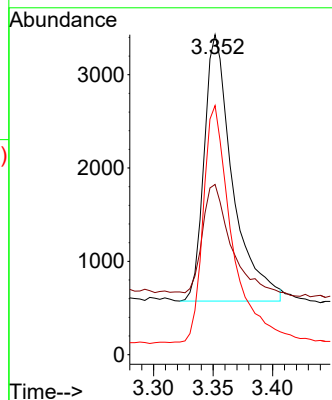
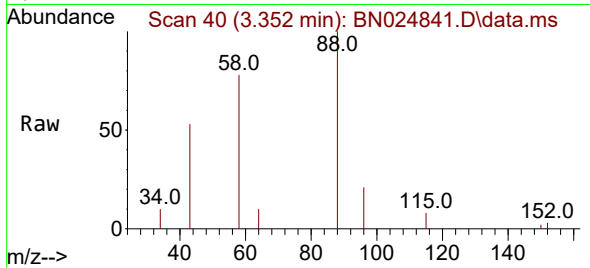




#2
 1,4-Dioxane
 Concen: 0.443 ng/ul
 RT: 3.352 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: BN024841.D
 Acq: 12 Apr 2023 10:47

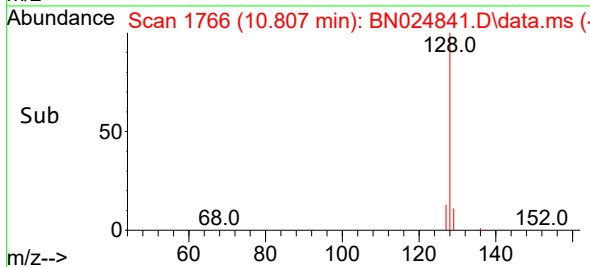
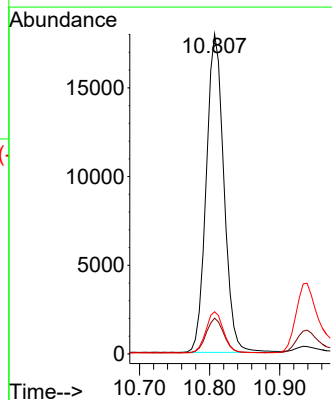
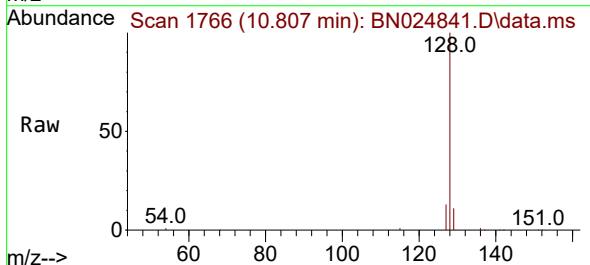
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4265

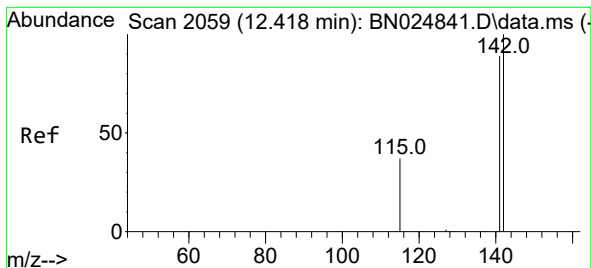
Tgt Ion: 88 Resp: 4735
 Ion Ratio Lower Upper
 88 100
 43 53.2 39.1 58.7
 58 77.9 65.7 98.5



#5
 Naphthalene
 Concen: 0.472 ng/ul
 RT: 10.807 min Scan# 1766
 Delta R.T. 0.000 min
 Lab File: BN024841.D
 Acq: 12 Apr 2023 10:47

Tgt Ion: 128 Resp: 31388
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.1 13.7
 127 13.2 10.5 15.7

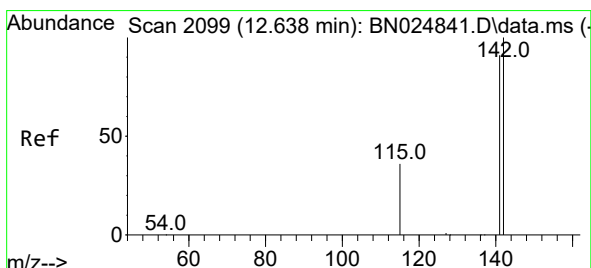
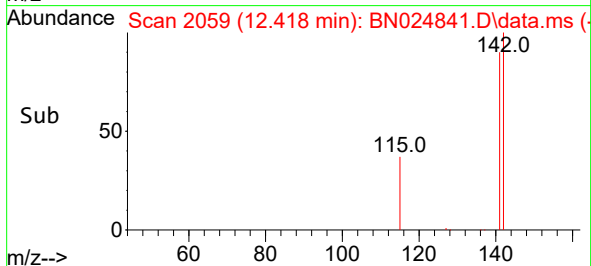
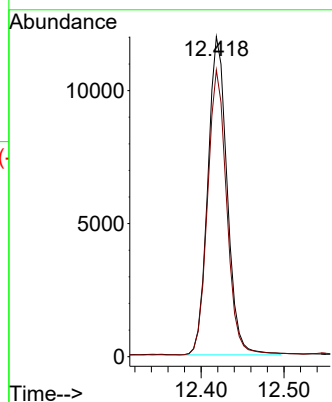
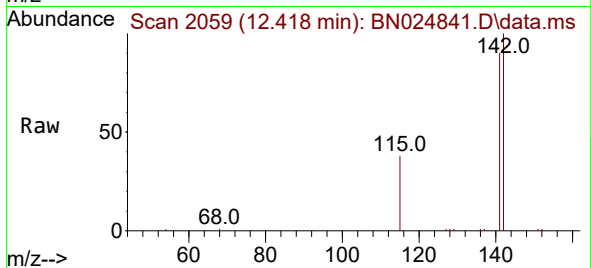




#7
2-Methylnaphthalene
Concen: 0.468 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

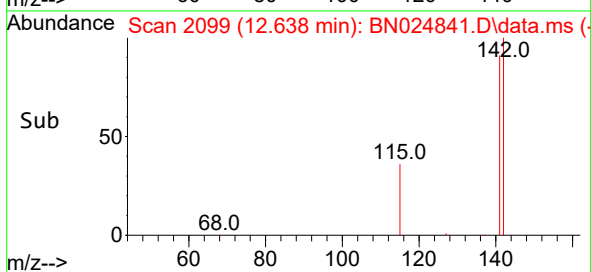
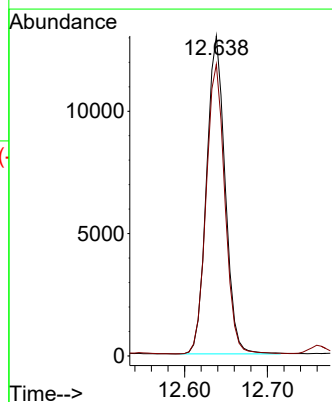
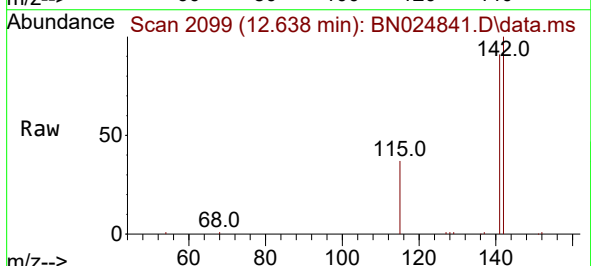
Instrument :
BNA_N
ClientSampleId :
SSTD0.4265

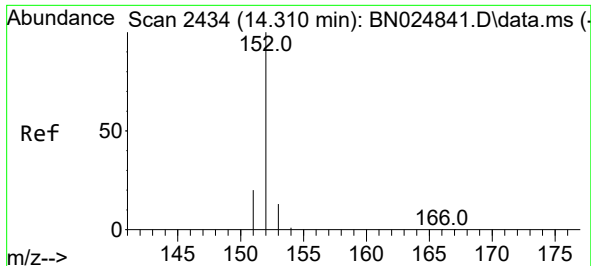
Tgt Ion:142 Resp: 19368
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.461 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

Tgt Ion:142 Resp: 20221
Ion Ratio Lower Upper
142 100
141 92.0 74.0 111.0

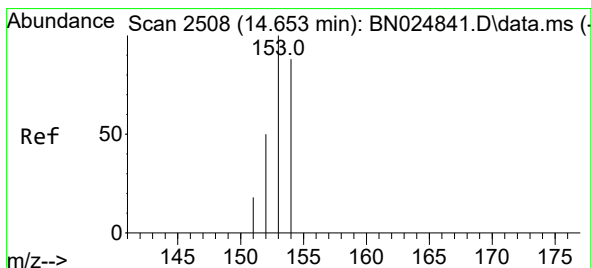
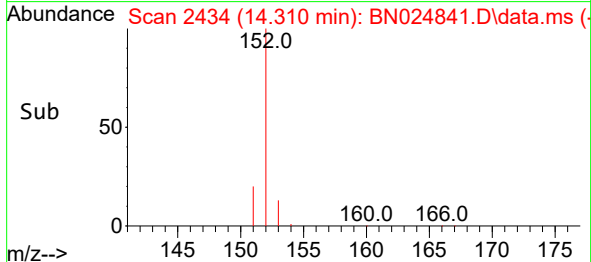
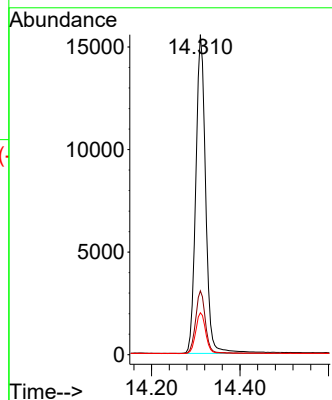
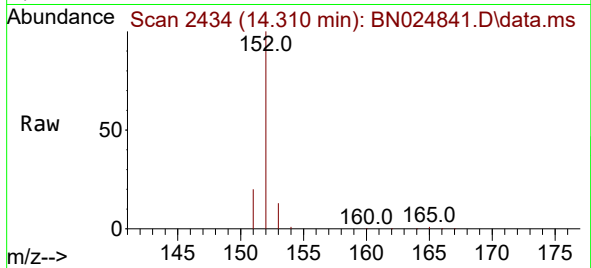




#10
Acenaphthylene
Concen: 0.458 ng/ul
RT: 14.310 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

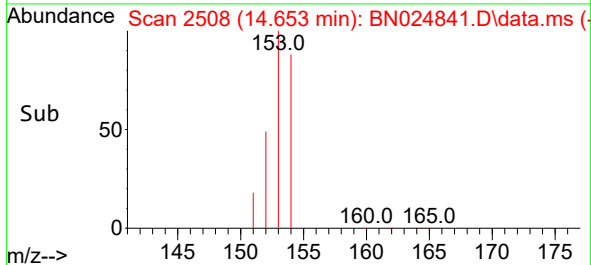
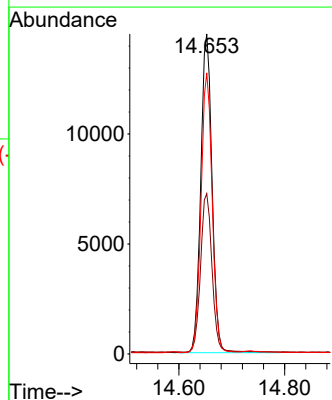
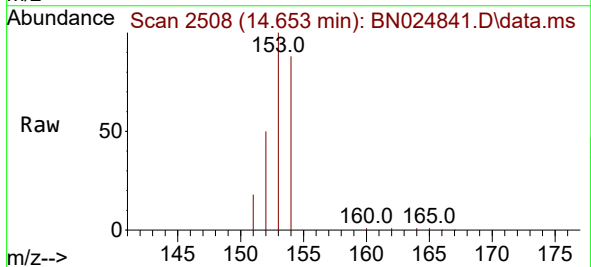
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BNA_N
ClientSampleId :
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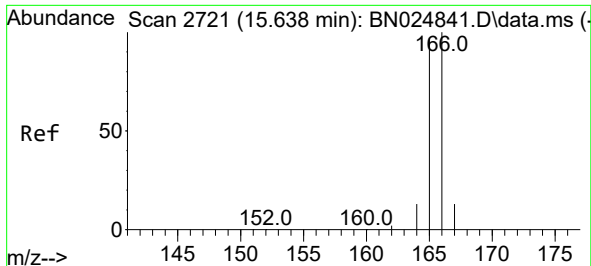
Tgt Ion:152 Resp: 24216
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.1 10.6 16.0



#11
Acenaphthene
Concen: 0.472 ng/ul
RT: 14.653 min Scan# 2508
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

Tgt Ion:153 Resp: 21385
Ion Ratio Lower Upper
153 100
152 50.1 40.7 61.1
154 87.9 69.4 104.2

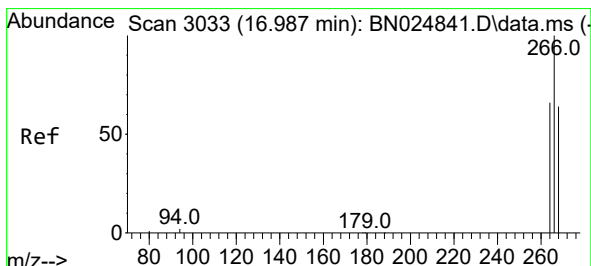
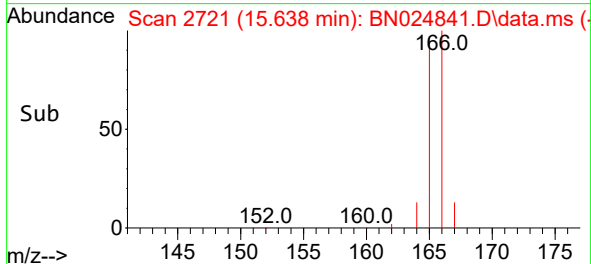
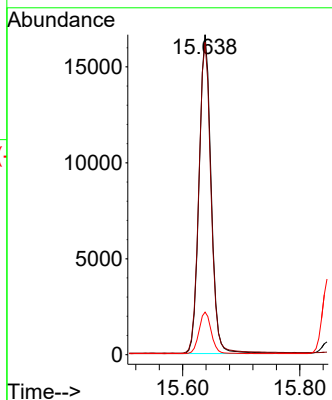
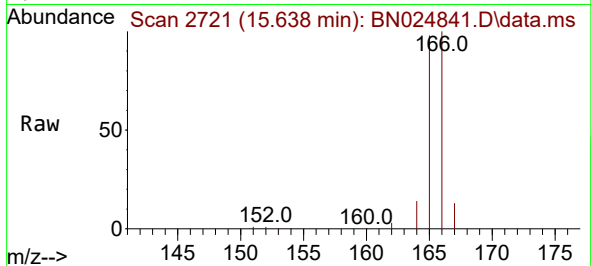




#12
Fluorene
Concen: 0.470 ng/ul
RT: 15.638 min Scan# 2721
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

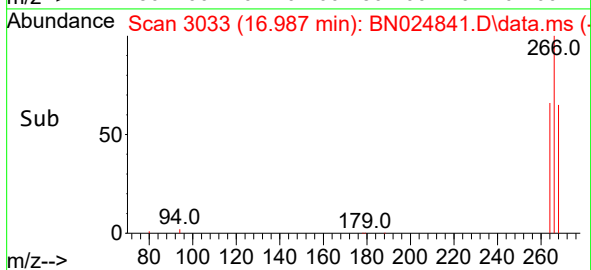
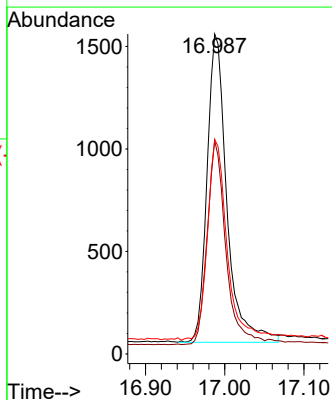
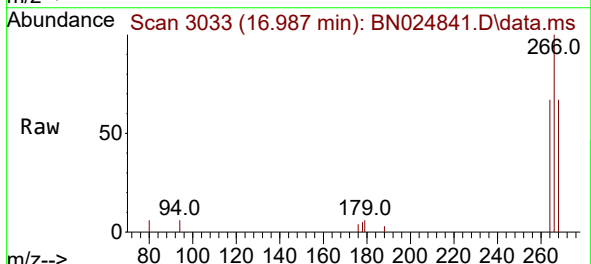
Instrument :
BNA_N
ClientSampleId :
SSTD0.4265

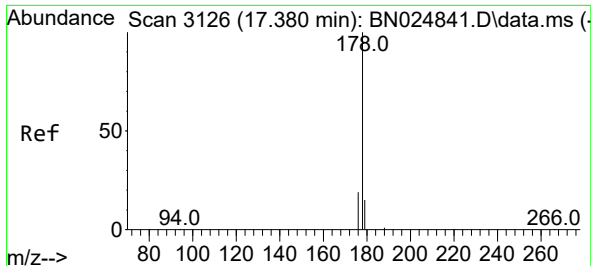
Tgt Ion:166 Resp: 23835
Ion Ratio Lower Upper
166 100
165 97.6 80.1 120.1
167 13.3 10.7 16.1



#14
Pentachlorophenol
Concen: 0.408 ng/ul
RT: 16.987 min Scan# 3033
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

Tgt Ion:266 Resp: 2612
Ion Ratio Lower Upper
266 100
264 63.0 51.2 76.8
268 65.5 51.4 77.2

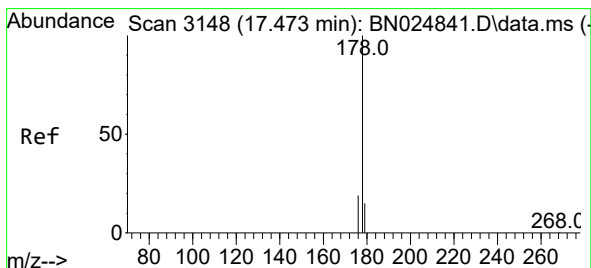
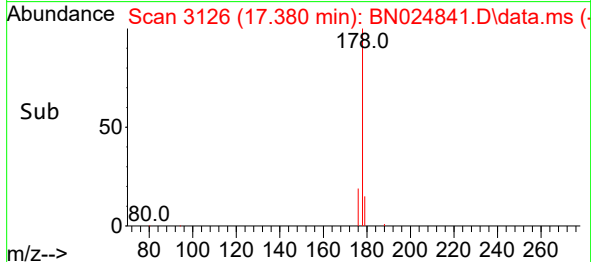
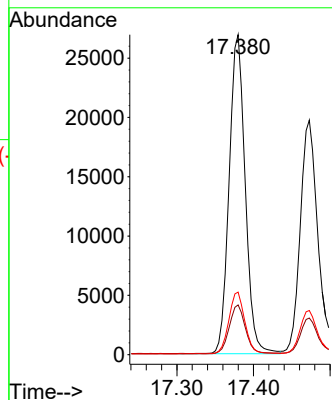
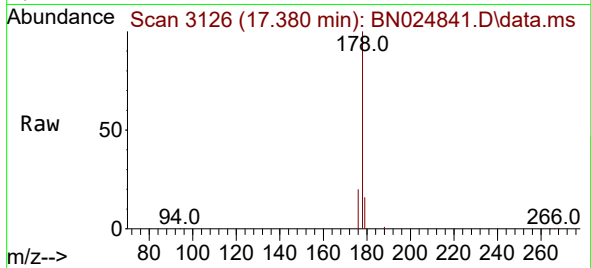




#15
Phenanthrene
Concen: 0.463 ng/ul
RT: 17.380 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

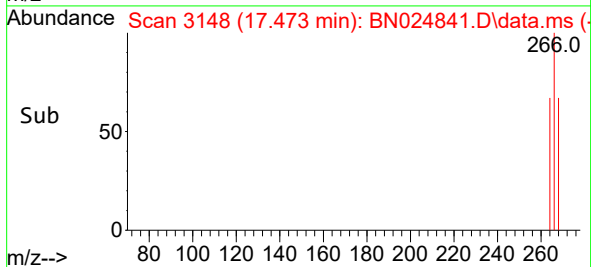
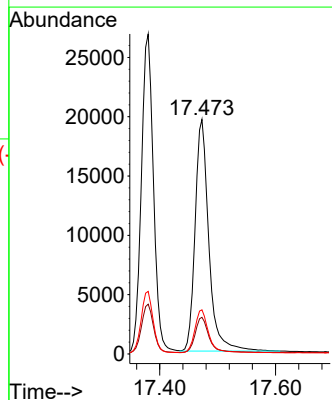
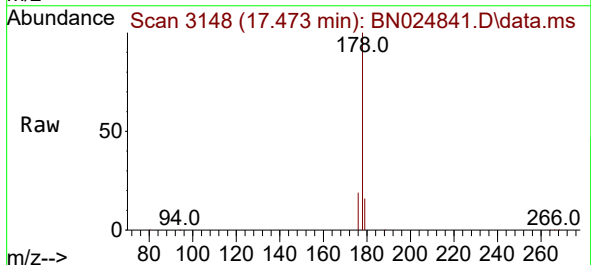
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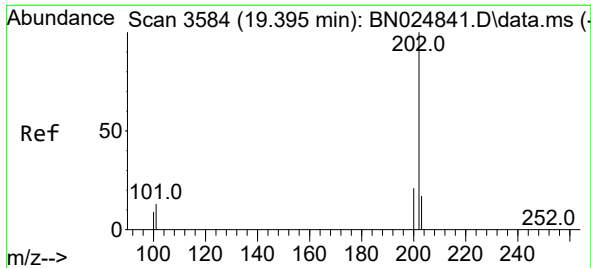
Tgt Ion:178 Resp: 39162
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.5 15.4 23.0



#16
Anthracene
Concen: 0.456 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

Tgt Ion:178 Resp: 32063
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 18.8 14.7 22.1

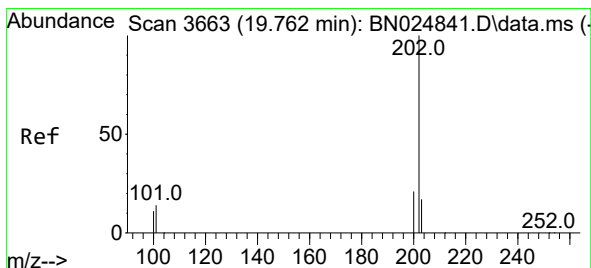
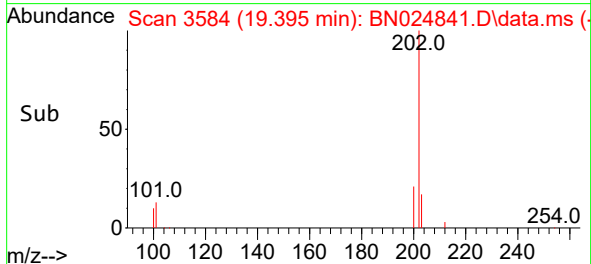
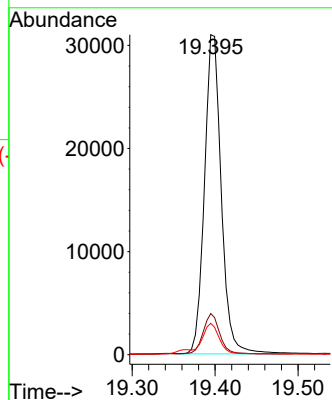
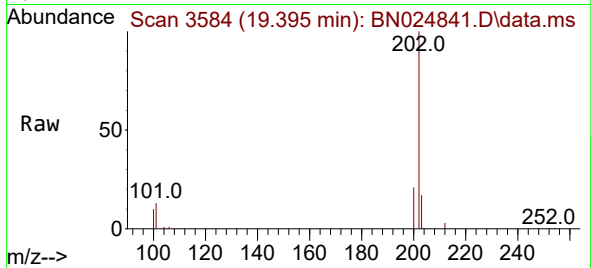




#19
Fluoranthene
Concen: 0.485 ng/ul
RT: 19.395 min Scan# 3584
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

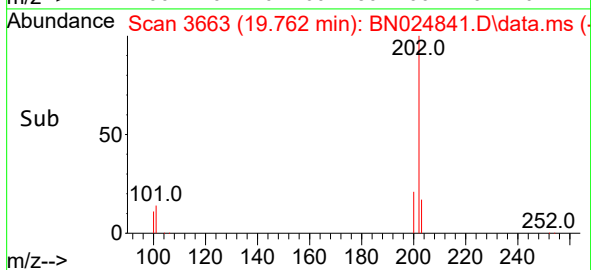
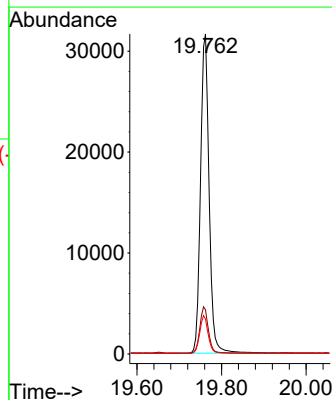
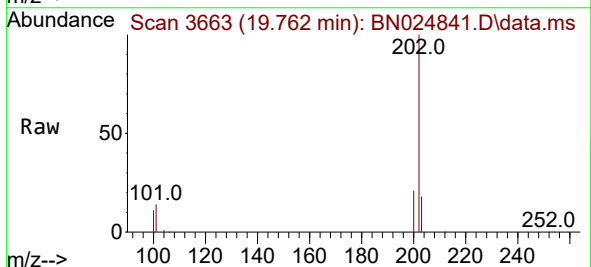
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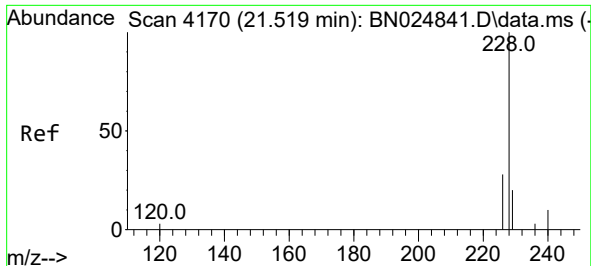
Tgt Ion:202 Resp: 43649
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 9.8 7.5 11.3



#20
Pyrene
Concen: 0.483 ng/ul
RT: 19.762 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

Tgt Ion:202 Resp: 44508
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.8
100 10.9 9.5 14.3

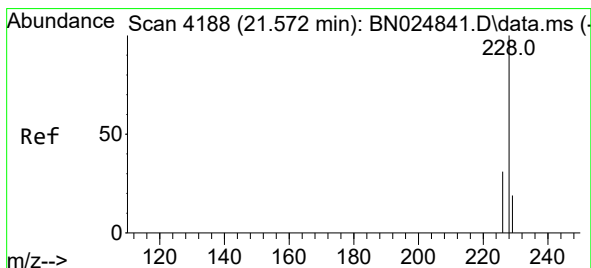
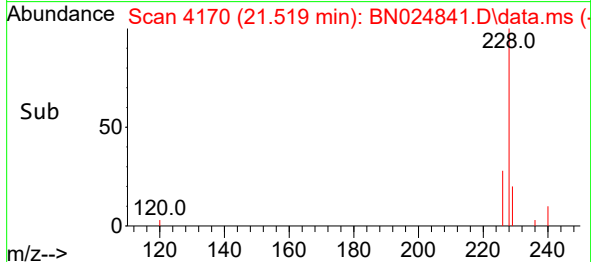
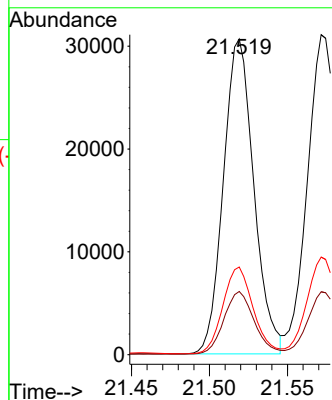
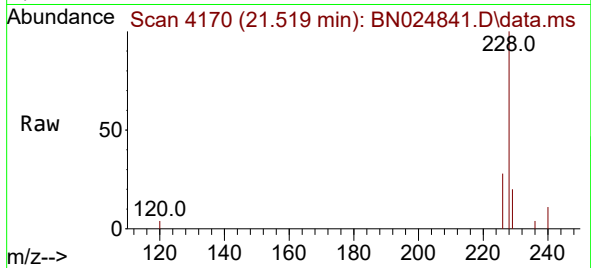




#21
Benzo(a)anthracene
Concen: 0.504 ng/ul
RT: 21.519 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

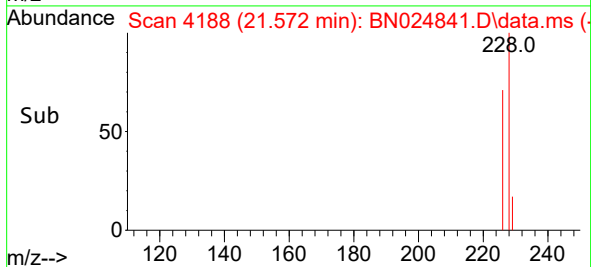
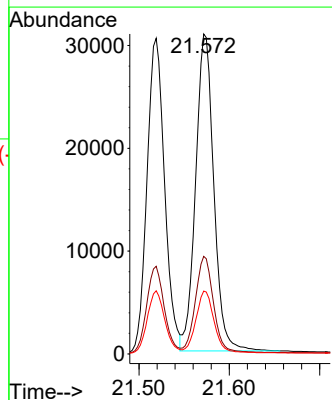
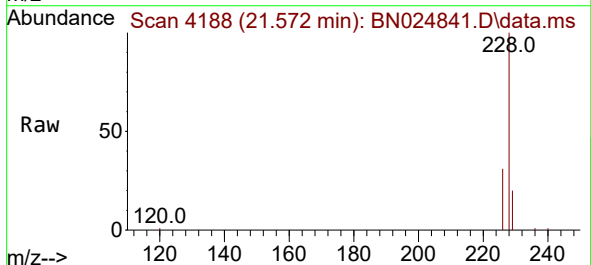
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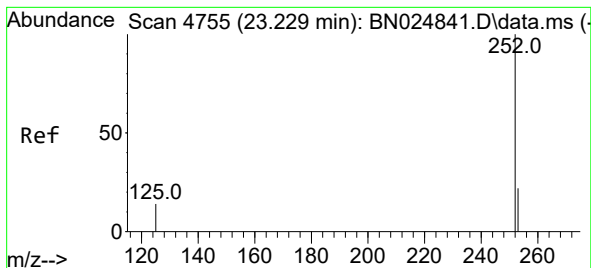
Tgt Ion:	228	Resp:	41619
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.8	23.8
226	27.8	22.2	33.2



#22
Chrysene
Concen: 0.482 ng/ul
RT: 21.572 min Scan# 4188
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

Tgt Ion:	228	Resp:	43098
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.3	36.5
229	19.6	15.7	23.5





#24

Benzo(b)fluoranthene

Concen: 0.456 ng/ul

RT: 23.229 min Scan# 4755

Delta R.T. 0.000 min

Lab File: BN024841.D

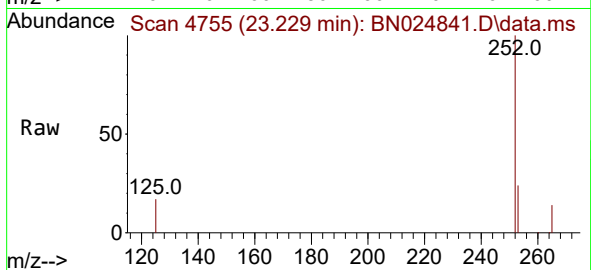
Acq: 12 Apr 2023 10:47

Instrument :

BNA_N

ClientSampleId :

SSTD0.4265



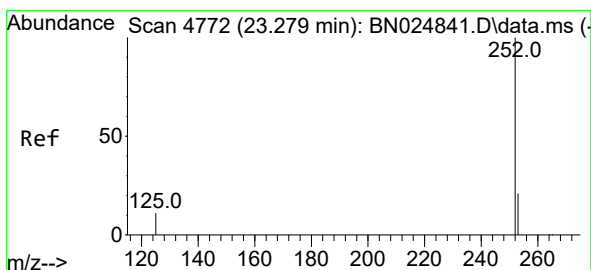
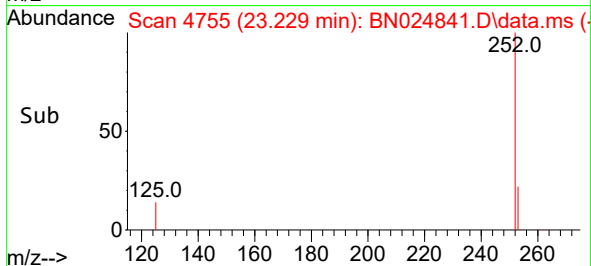
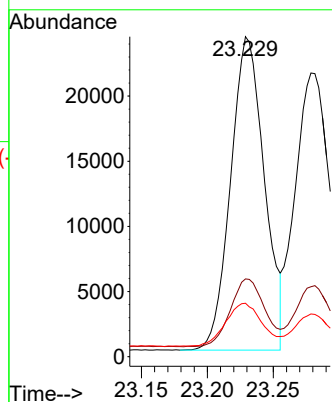
Tgt Ion:252 Resp: 42781

Ion Ratio Lower Upper

252 100

253 24.3 0.0 49.4

125 16.7 0.0 31.2



#25

Benzo(k)fluoranthene

Concen: 0.456 ng/ul

RT: 23.279 min Scan# 4772

Delta R.T. 0.000 min

Lab File: BN024841.D

Acq: 12 Apr 2023 10:47

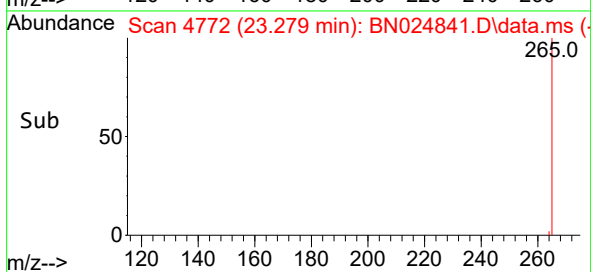
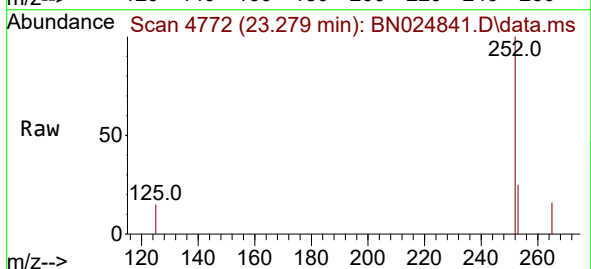
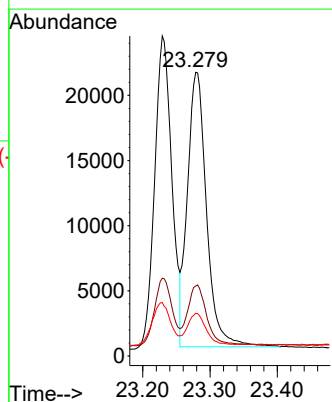
Tgt Ion:252 Resp: 41670

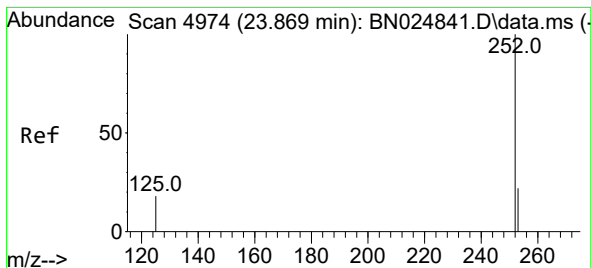
Ion Ratio Lower Upper

252 100

253 24.6 20.1 30.1

125 15.1 12.2 18.2





#26

Benzo(a)pyrene

Concen: 0.465 ng/ul

RT: 23.869 min Scan# 4974

Delta R.T. 0.000 min

Lab File: BN024841.D

Acq: 12 Apr 2023 10:47

Instrument :

BNA_N

ClientSampleId :

SSTD0.4265

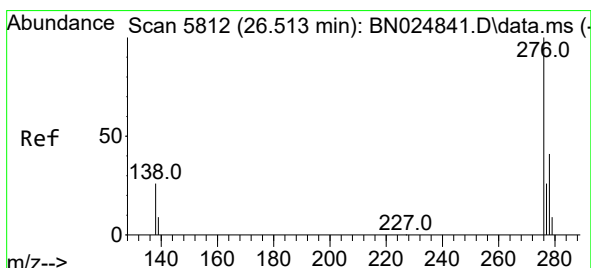
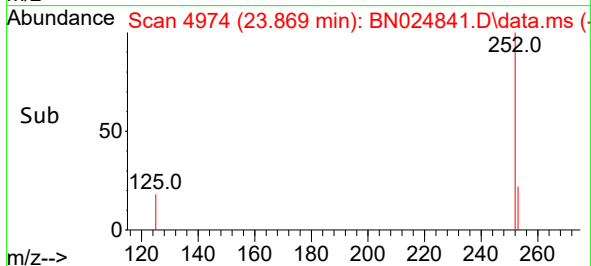
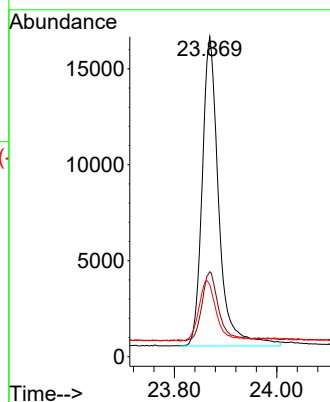
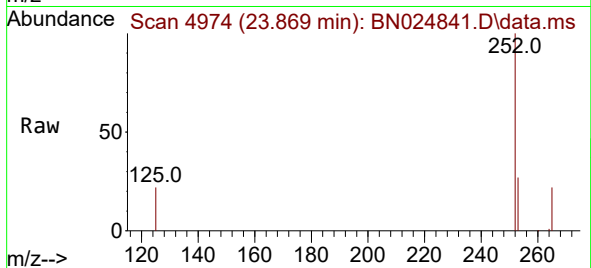
Tgt Ion:252 Resp: 36159

Ion Ratio Lower Upper

252 100

253 26.5 20.7 31.1

125 22.5 15.9 23.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.438 ng/ul

RT: 26.513 min Scan# 5812

Delta R.T. 0.000 min

Lab File: BN024841.D

Acq: 12 Apr 2023 10:47

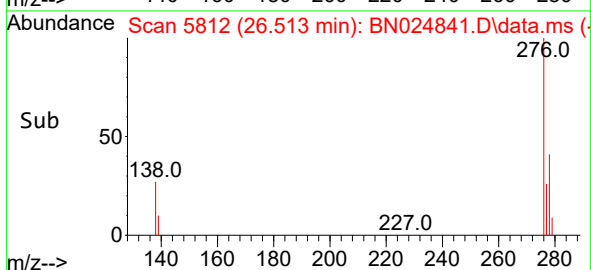
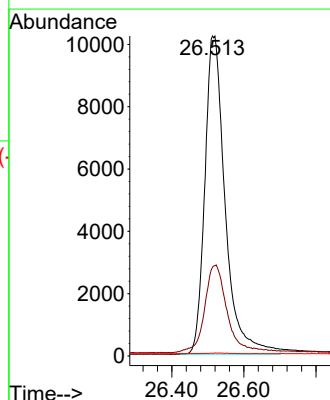
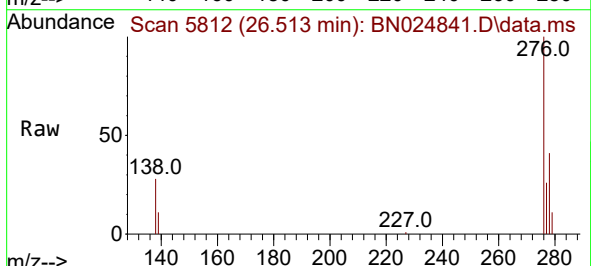
Tgt Ion:276 Resp: 40126

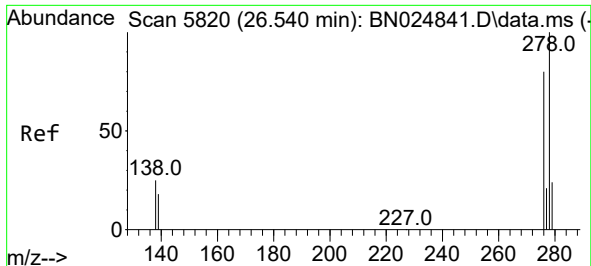
Ion Ratio Lower Upper

276 100

138 30.5 24.2 36.2

227 0.1 0.0 0.0#

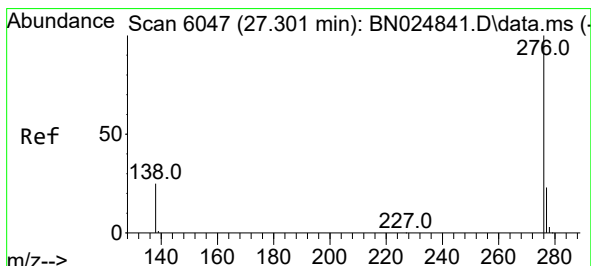
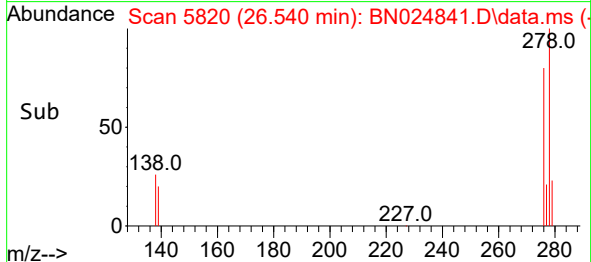
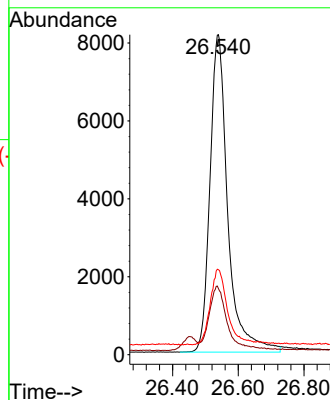
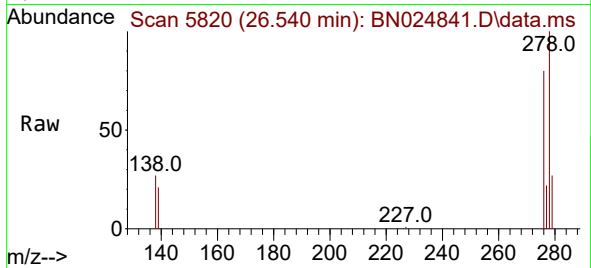




#28
Dibenzo(a,h)anthracene
Concen: 0.425 ng/ul
RT: 26.540 min Scan# 5820
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.4265

Tgt Ion:278 Resp: 30599
Ion Ratio Lower Upper
278 100
139 20.7 16.4 24.6
279 26.5 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 27.301 min Scan# 6047
Delta R.T. 0.000 min
Lab File: BN024841.D
Acq: 12 Apr 2023 10:47

Tgt Ion:276 Resp: 34172
Ion Ratio Lower Upper
276 100
138 26.4 21.0 31.4
277 24.1 19.7 29.5

