

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026346.D
 Acq On : 07 Jul 2023 01:03
 Operator : MA/JU
 Sample : PB153584BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS584

Quant Time: Jul 07 02:29:15 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 06 17:50:03 2023
 Response via : Initial Calibration

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

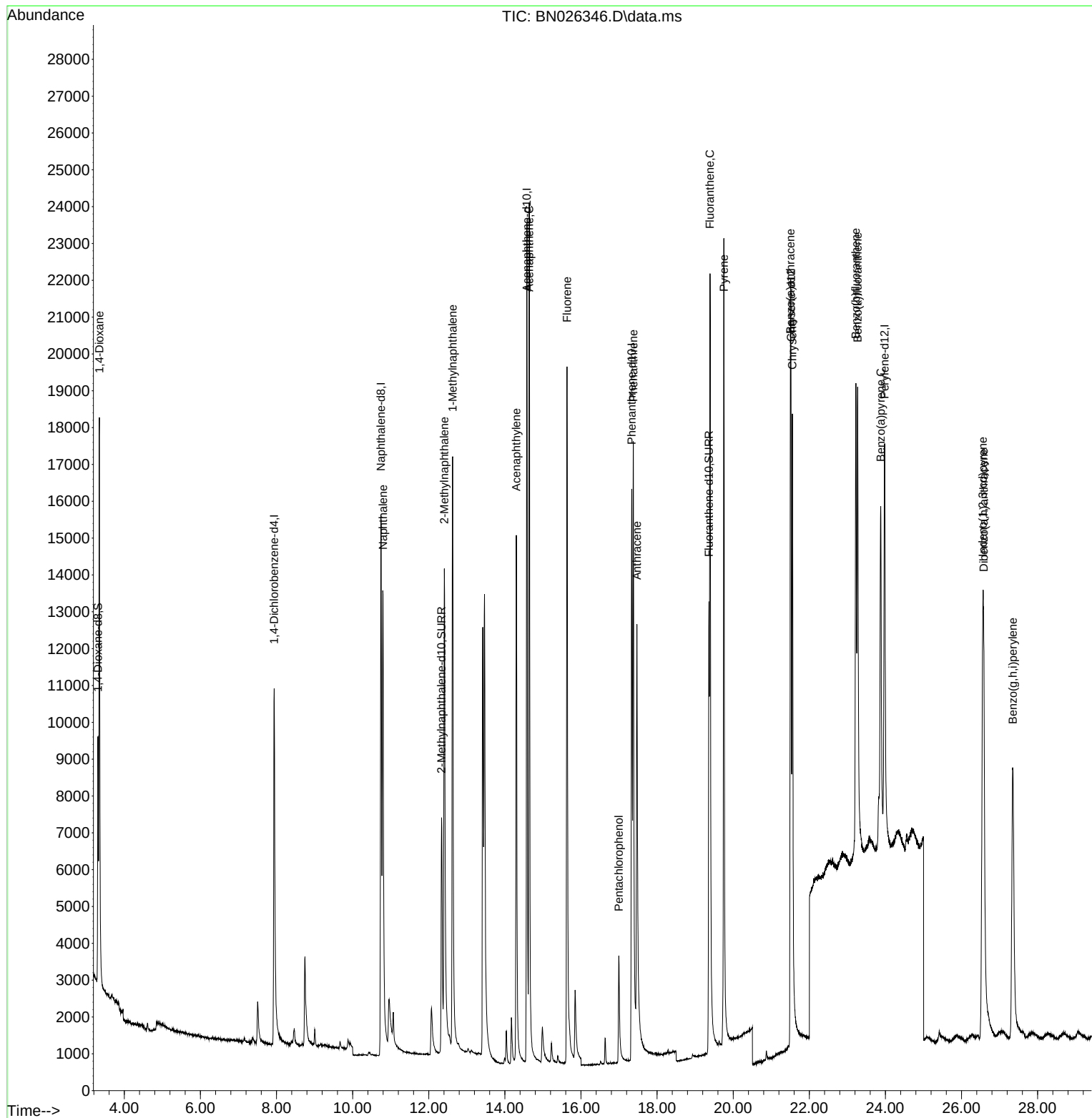
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	7851	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	26705	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.579	164	14467	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	23625	0.400	ng/ul	0.00
17) Chrysene-d12	21.520	240	14678	0.400	ng/ul	0.00
23) Perylene-d12	23.978	264	16498	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	4895	0.554	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	11701	0.285	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	17236	0.309	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	11694	1.246	ng/ul#	86
5) Naphthalene	10.798	128	21776	0.285	ng/ul	100
7) 2-Methylnaphthalene	12.409	142	12648	0.260	ng/ul	100
8) 1-Methylnaphthalene	12.629	142	13655	0.270	ng/ul	100
10) Acenaphthylene	14.302	152	20341	0.300	ng/ul	100
11) Acenaphthene	14.640	153	15604	0.282	ng/ul	99
12) Fluorene	15.634	166	16124	0.254	ng/ul	100
14) Pentachlorophenol	16.996	266	2851	0.337	ng/ul	99
15) Phenanthrene	17.376	178	21548	0.276	ng/ul	99
16) Anthracene	17.469	178	18752	0.270	ng/ul	98
19) Fluoranthene	19.391	202	22203	0.283	ng/ul	98
20) Pyrene	19.754	202	23321	0.286	ng/ul	97
21) Benzo(a)anthracene	21.503	228	17260	0.285	ng/ul	99
22) Chrysene	21.555	228	18501	0.294	ng/ul	99
24) Benzo(b)fluoranthene	23.224	252	19066	0.271	ng/ul	96
25) Benzo(k)fluoranthene	23.268	252	20507	0.290	ng/ul	98
26) Benzo(a)pyrene	23.876	252	17569	0.287	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.561	276	23133	0.346	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.581	278	17505	0.346	ng/ul	99
29) Benzo(g,h,i)perylene	27.349	276	20220	0.340	ng/ul	97

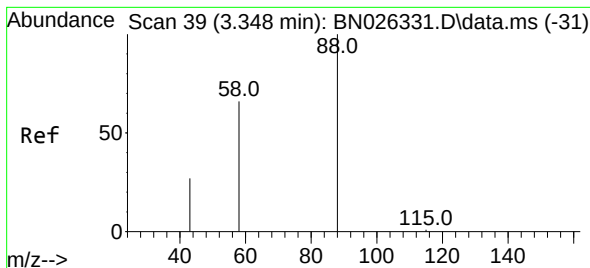
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.246 ng/ul

RT: 3.343 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN026346.D

Acq: 07 Jul 2023 01:03

Instrument :

BNA_N

ClientSampleId :

SLCS584

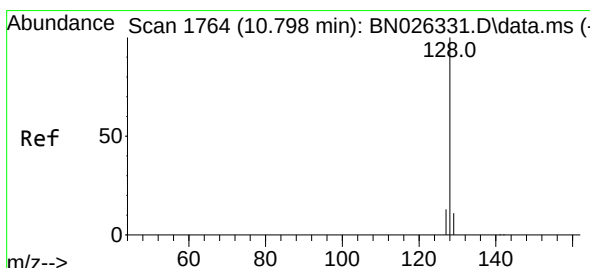
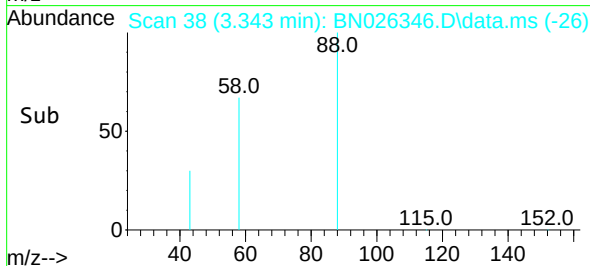
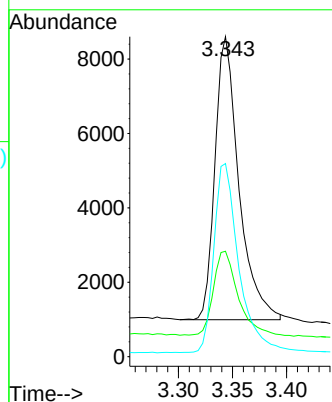
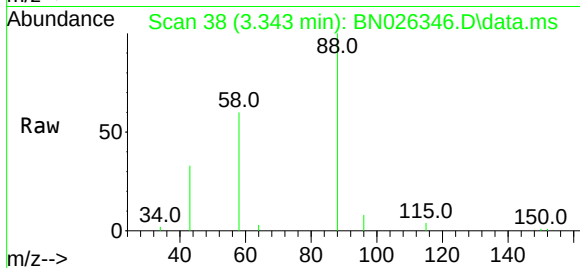
Tgt Ion: 88 Resp: 11694

Ion Ratio Lower Upper

88 100

43 32.9 29.5 44.3

58 60.3 37.4 56.2#



#5

Naphthalene

Concen: 0.285 ng/ul

RT: 10.798 min Scan# 1764

Delta R.T. -0.000 min

Lab File: BN026346.D

Acq: 07 Jul 2023 01:03

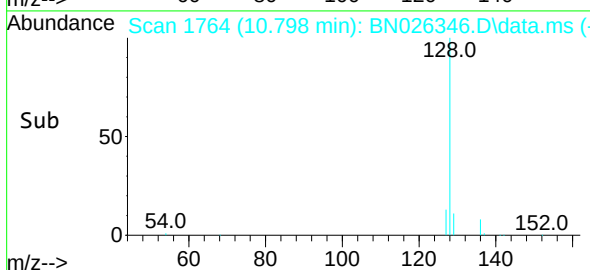
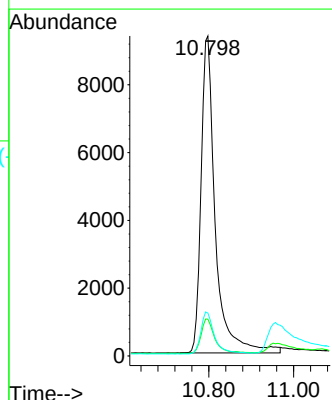
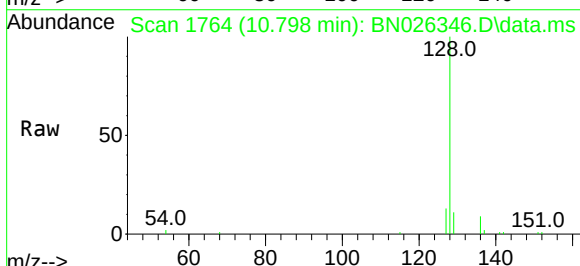
Tgt Ion:128 Resp: 21776

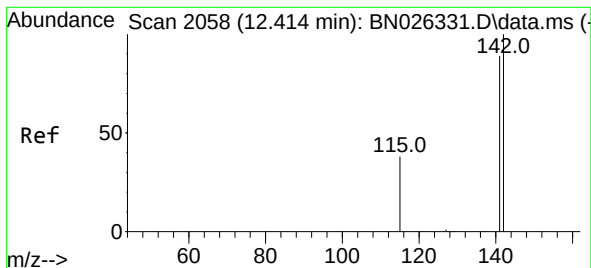
Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 13.4 10.7 16.1

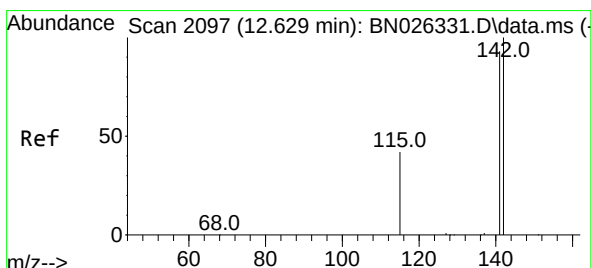
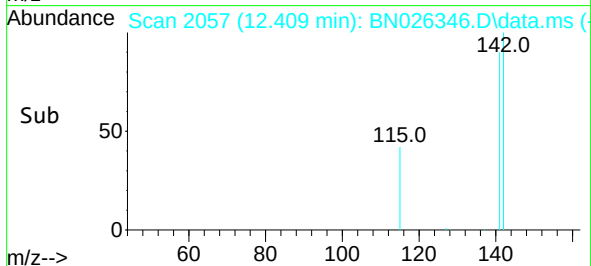
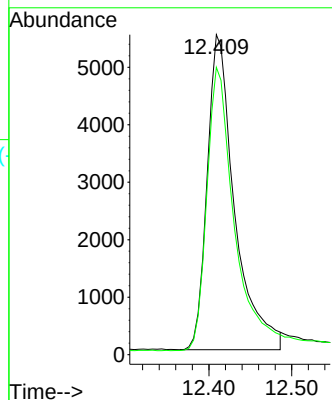
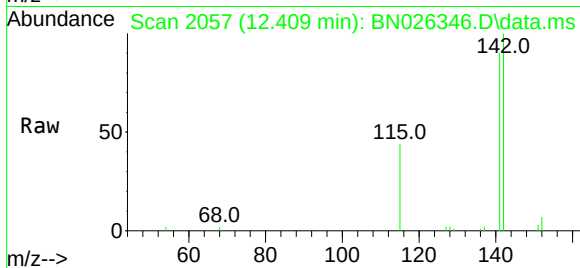




#7
2-Methylnaphthalene
Concen: 0.260 ng/ul
RT: 12.409 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BN026346.D
Acq: 07 Jul 2023 01:03

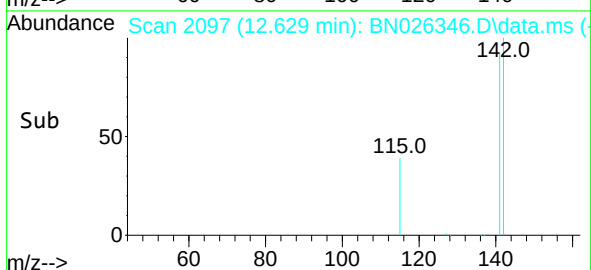
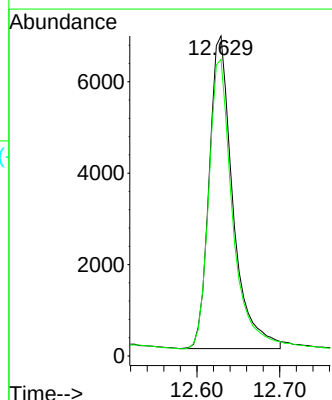
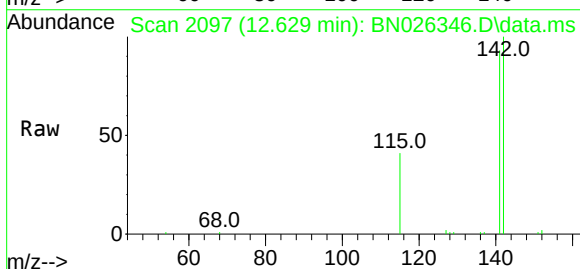
Instrument :
BNA_N
ClientSampleId :
SLCS584

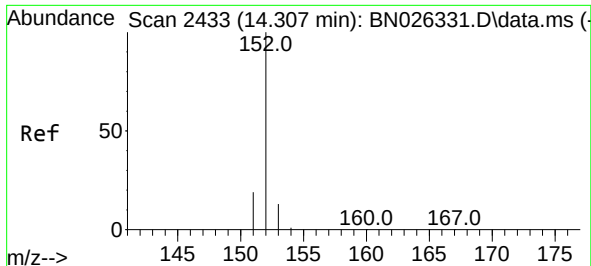
Tgt Ion:142 Resp: 12648
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.270 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN026346.D
Acq: 07 Jul 2023 01:03

Tgt Ion:142 Resp: 13655
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4

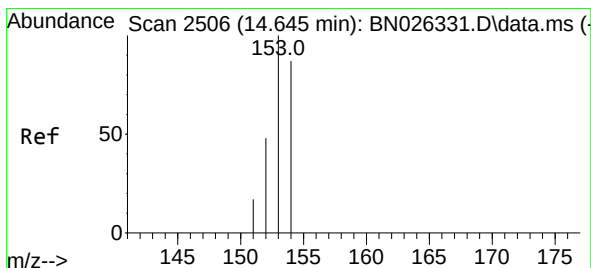
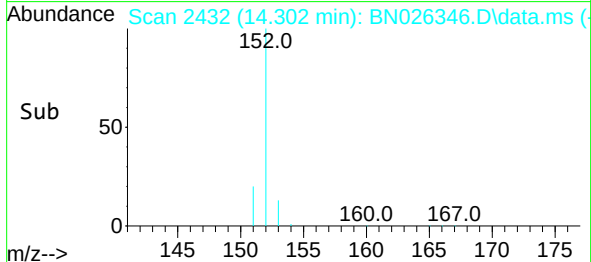
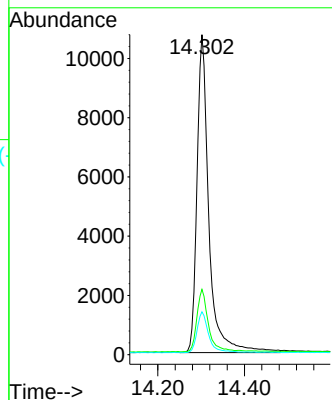
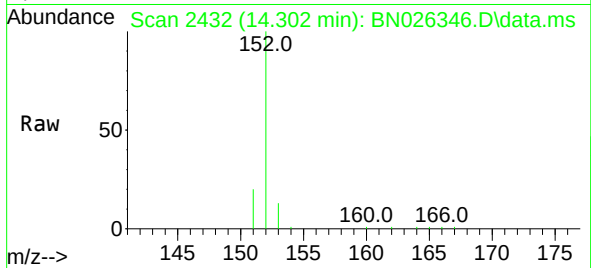




#10
Acenaphthylene
Concen: 0.300 ng/ul
RT: 14.302 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026346.D
Acq: 07 Jul 2023 01:03

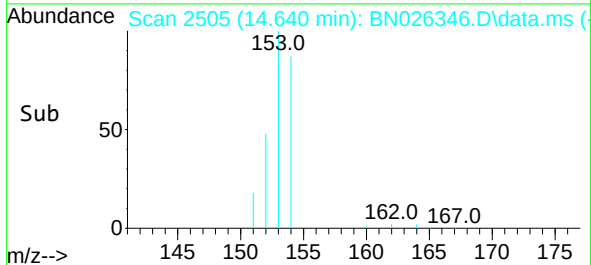
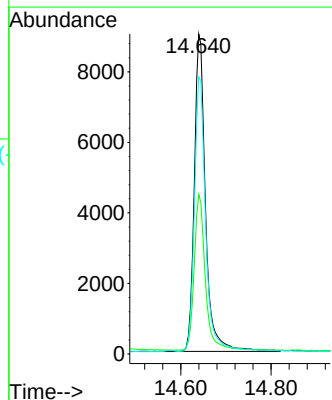
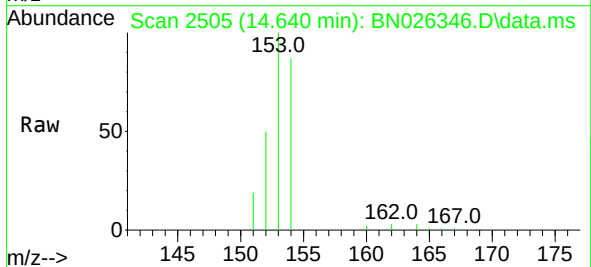
Instrument :
BNA_N
ClientSampleId :
SLCS584

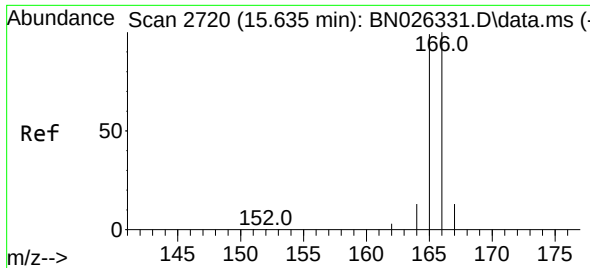
Tgt Ion:152 Resp: 20341
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.282 ng/ul
RT: 14.640 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BN026346.D
Acq: 07 Jul 2023 01:03

Tgt Ion:153 Resp: 15604
Ion Ratio Lower Upper
153 100
152 49.8 39.4 59.0
154 86.5 68.9 103.3





#12

Fluorene

Concen: 0.254 ng/ul

RT: 15.634 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN026346.D

Acq: 07 Jul 2023 01:03

Instrument :

BNA_N

ClientSampleId :

SLCS584

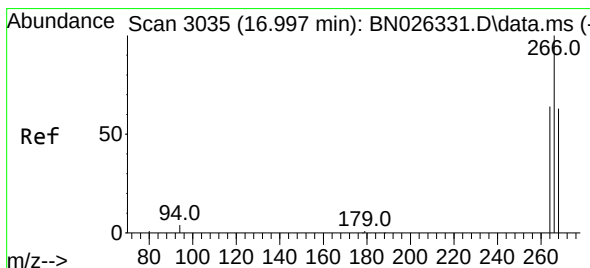
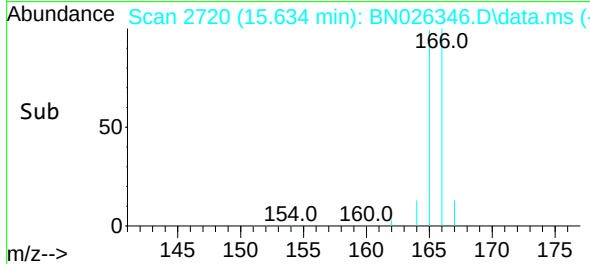
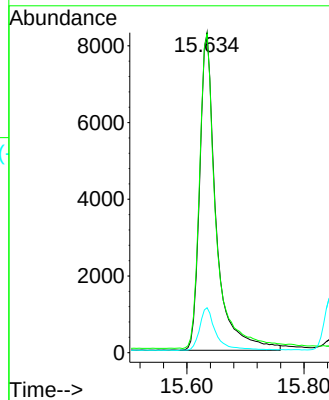
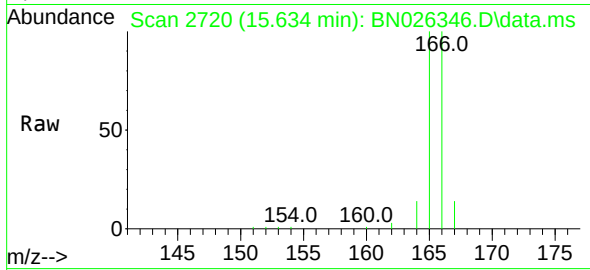
Tgt Ion:166 Resp: 16124

Ion Ratio Lower Upper

166 100

165 99.6 79.9 119.9

167 14.1 10.8 16.2



#14

Pentachlorophenol

Concen: 0.337 ng/ul

RT: 16.996 min Scan# 3035

Delta R.T. -0.004 min

Lab File: BN026346.D

Acq: 07 Jul 2023 01:03

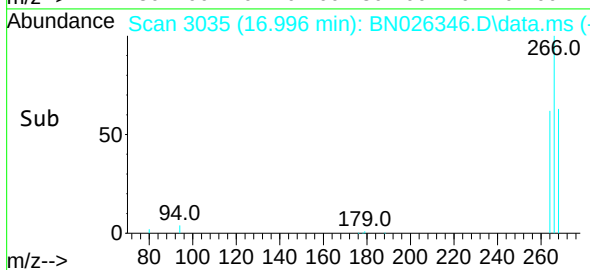
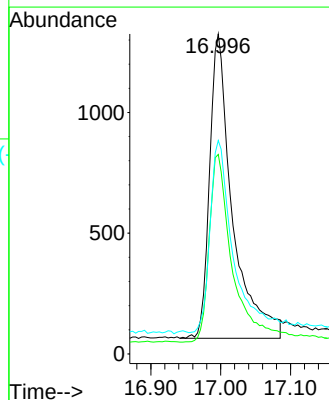
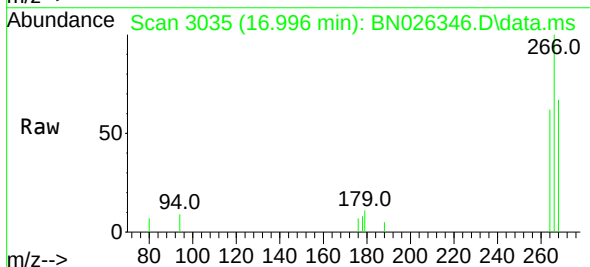
Tgt Ion:266 Resp: 2851

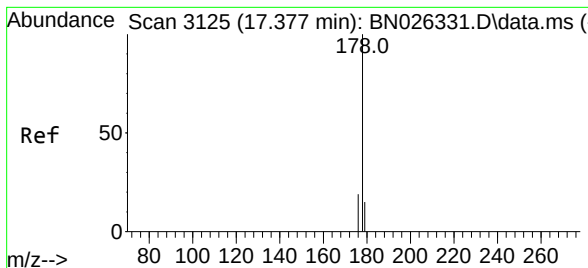
Ion Ratio Lower Upper

266 100

264 62.3 50.5 75.7

268 64.3 51.6 77.4





#15

Phenanthrene

Concen: 0.276 ng/ul

RT: 17.376 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BN026346.D

Acq: 07 Jul 2023 01:03

Instrument :

BNA_N

ClientSampleId :

SLCS584

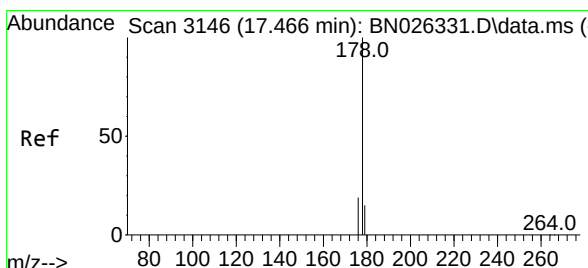
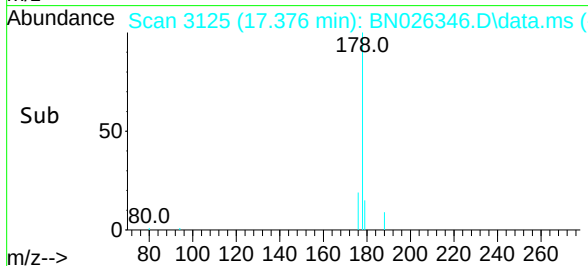
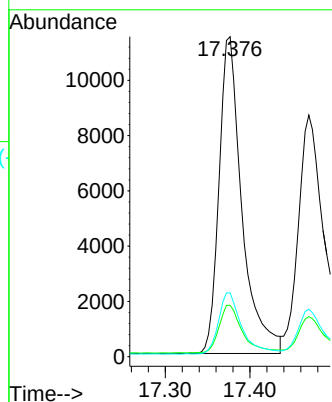
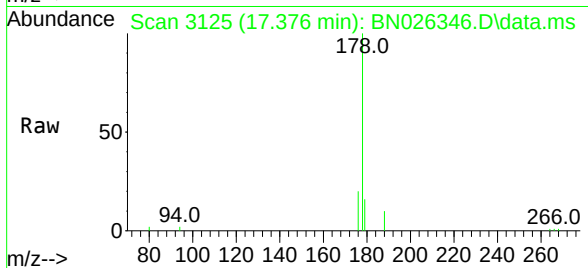
Tgt Ion:178 Resp: 21548

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

176 19.9 15.8 23.6



#16

Anthracene

Concen: 0.270 ng/ul

RT: 17.469 min Scan# 3147

Delta R.T. -0.004 min

Lab File: BN026346.D

Acq: 07 Jul 2023 01:03

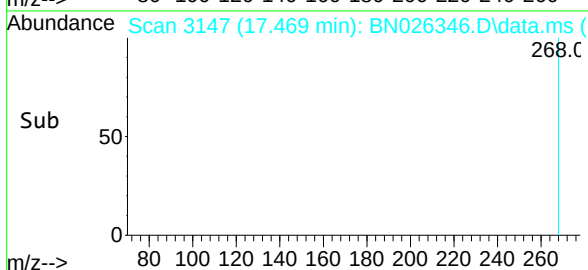
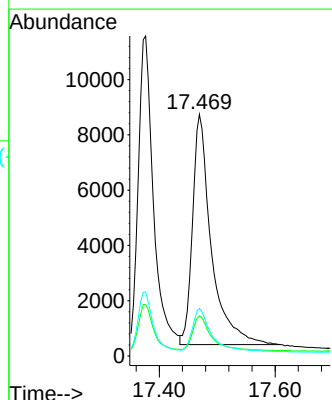
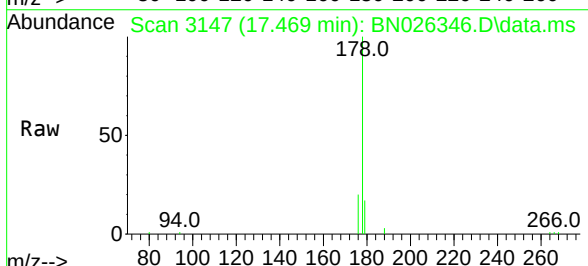
Tgt Ion:178 Resp: 18752

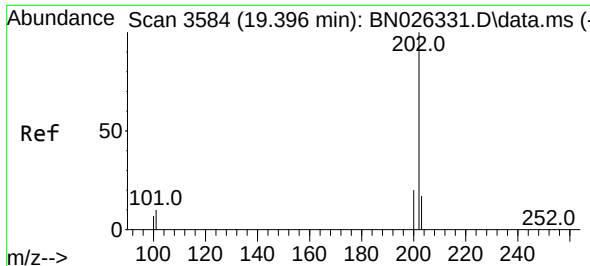
Ion Ratio Lower Upper

178 100

179 16.6 12.6 18.8

176 19.7 15.1 22.7

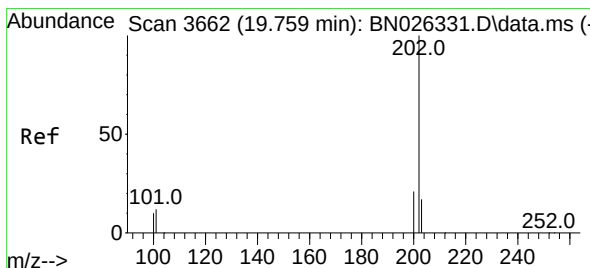
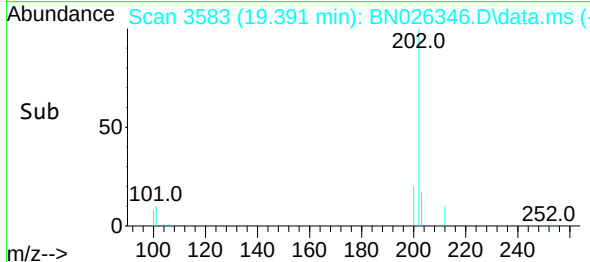
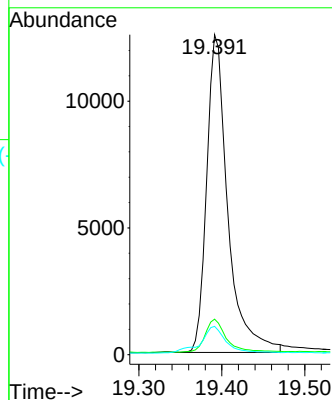
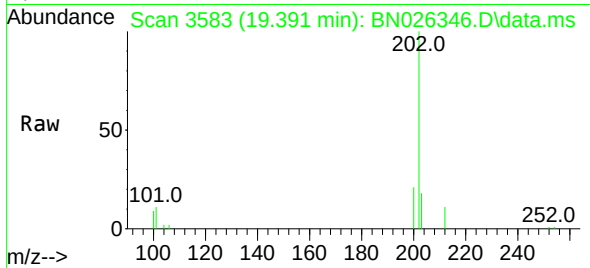




#19
Fluoranthene
Concen: 0.283 ng/ul
RT: 19.391 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN026346.D
Acq: 07 Jul 2023 01:03

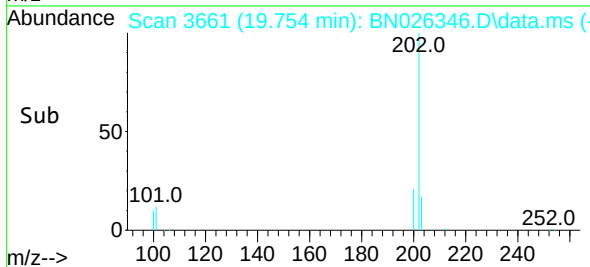
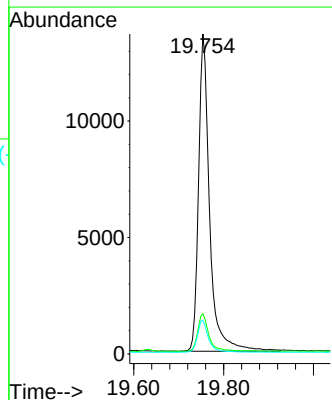
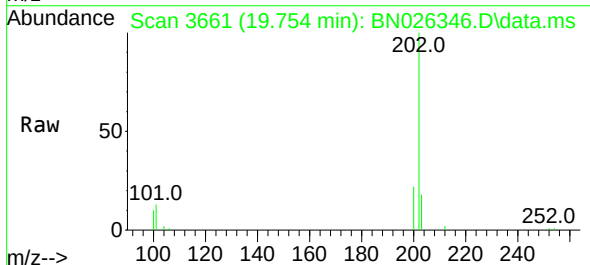
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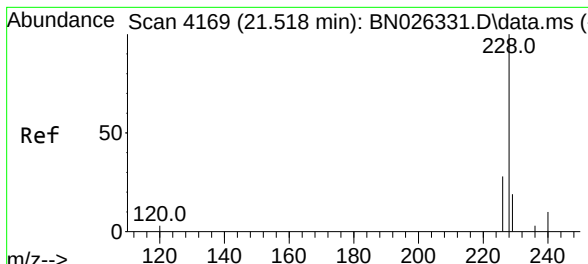
Tgt Ion:202 Resp: 22203
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.8 7.3 10.9



#20
Pyrene
Concen: 0.286 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BN026346.D
Acq: 07 Jul 2023 01:03

Tgt Ion:202 Resp: 23321
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.4 9.1 13.7

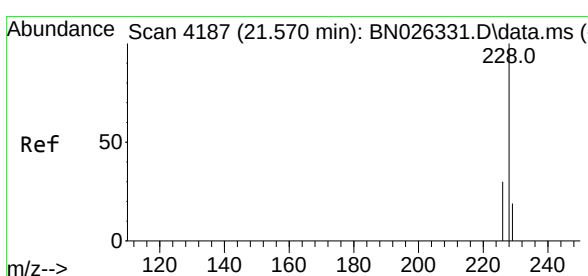
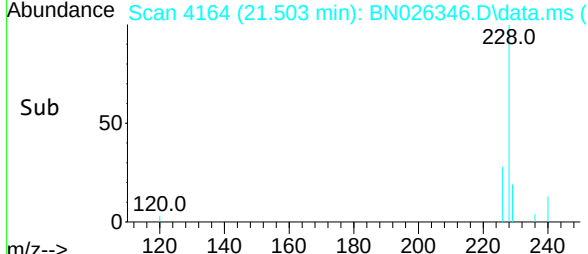
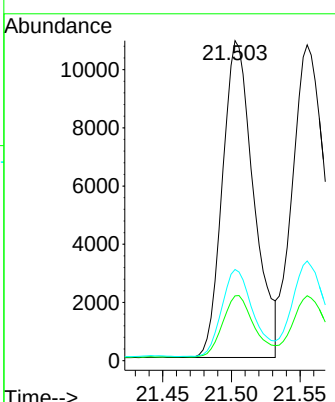
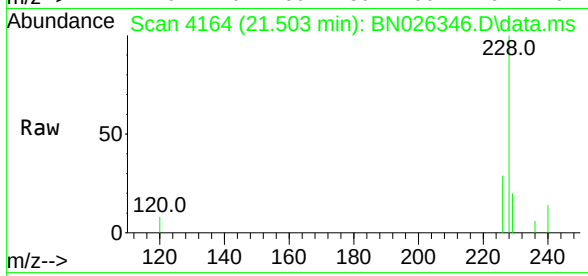




#21
 Benzo(a)anthracene
 Concen: 0.285 ng/ul
 RT: 21.503 min Scan# 4164
 Delta R.T. -0.012 min
 Lab File: BN026346.D
 Acq: 07 Jul 2023 01:03

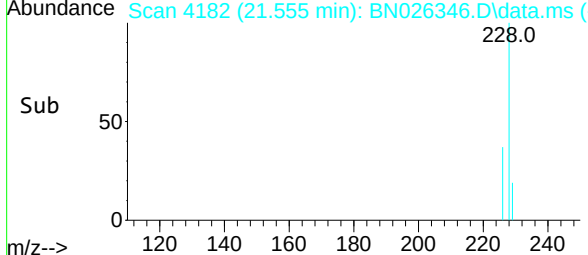
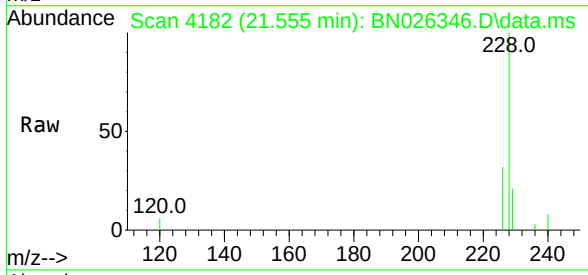
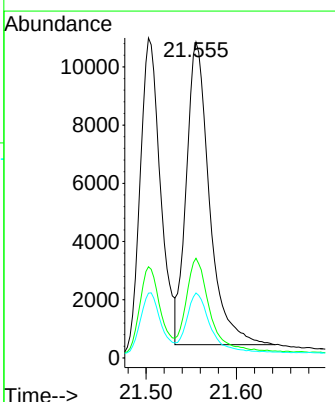
Instrument :
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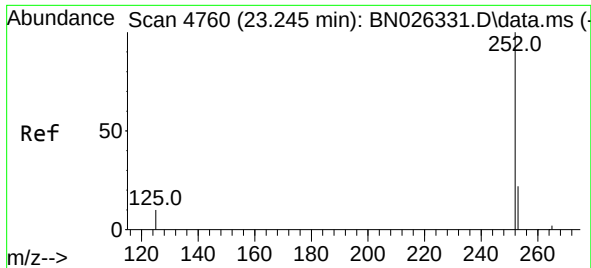
Tgt Ion:	228	Resp:	17260
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.8	23.6
226	28.5	22.5	33.7



#22
 Chrysene
 Concen: 0.294 ng/ul
 RT: 21.555 min Scan# 4182
 Delta R.T. -0.009 min
 Lab File: BN026346.D
 Acq: 07 Jul 2023 01:03

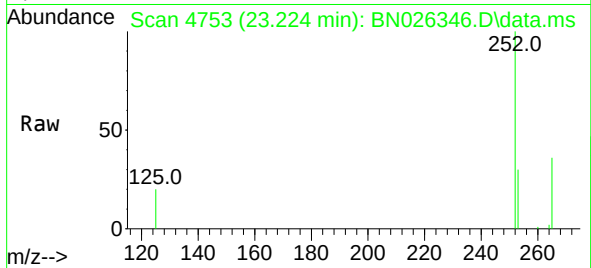
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Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.8	37.2
229	20.6	15.7	23.5



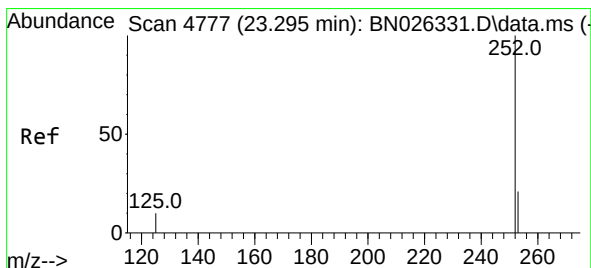
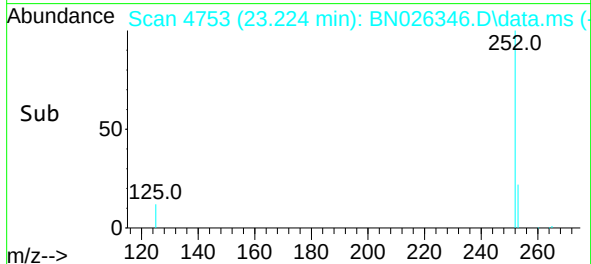
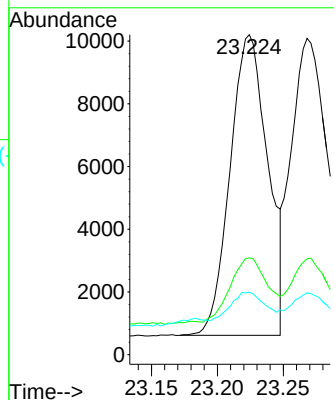


#24
Benzo(b)fluoranthene
Concen: 0.271 ng/ul
RT: 23.224 min Scan# 4753
Delta R.T. -0.015 min
Lab File: BN026346.D
Acq: 07 Jul 2023 01:03

Instrument :
BNA_N
ClientSampleId :
SLCS584

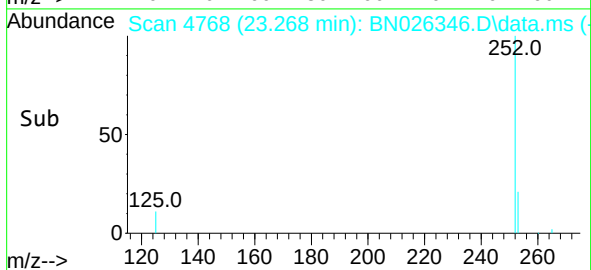
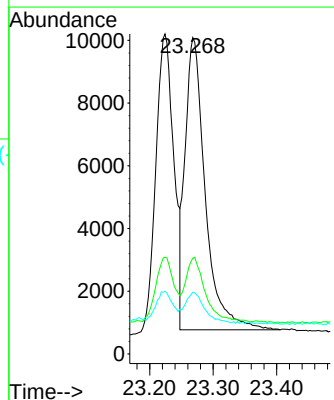
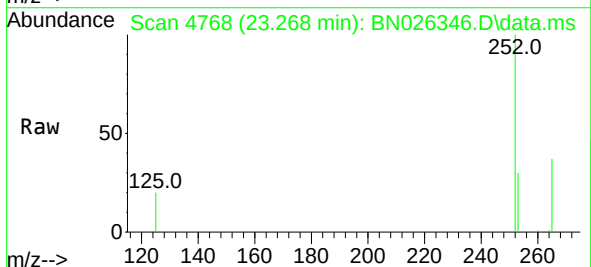


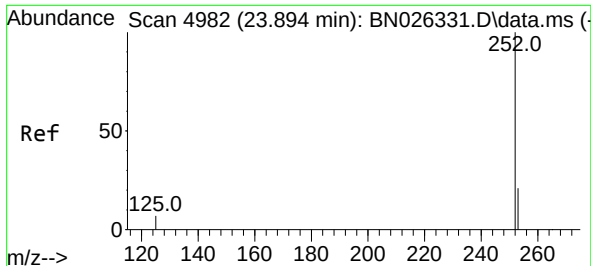
Tgt Ion:252 Resp: 19066
Ion Ratio Lower Upper
252 100
253 30.2 0.0 55.6
125 19.6 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.290 ng/ul
RT: 23.268 min Scan# 4768
Delta R.T. -0.018 min
Lab File: BN026346.D
Acq: 07 Jul 2023 01:03

Tgt Ion:252 Resp: 20507
Ion Ratio Lower Upper
252 100
253 30.3 23.2 34.8
125 19.5 15.0 22.4

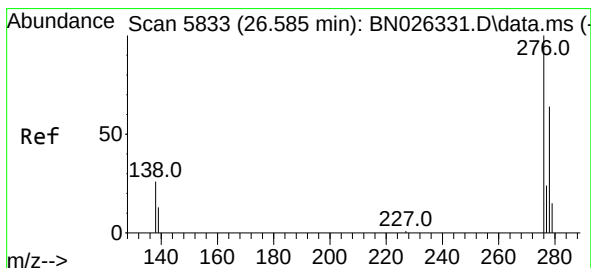
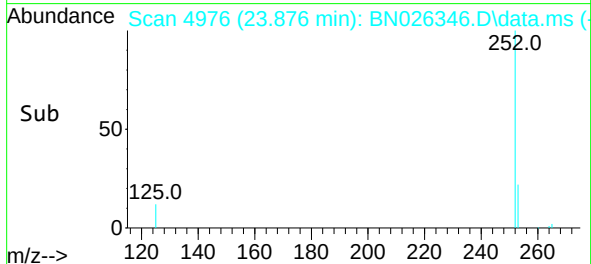
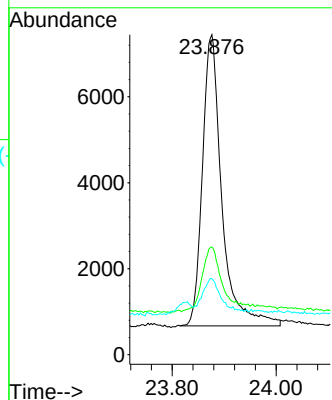
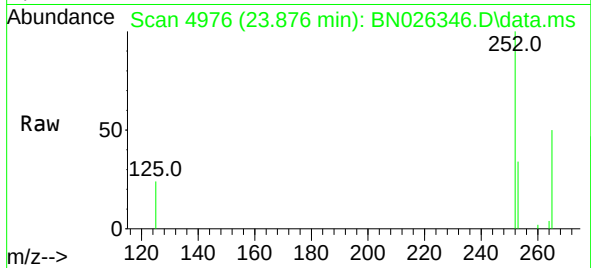




#26
Benzo(a)pyrene
Concen: 0.287 ng/ul
RT: 23.876 min Scan# 4976
Delta R.T. -0.009 min
Lab File: BN026346.D
Acq: 07 Jul 2023 01:03

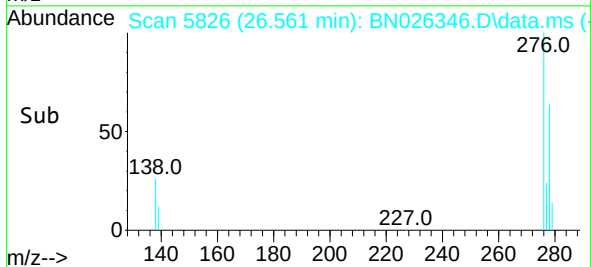
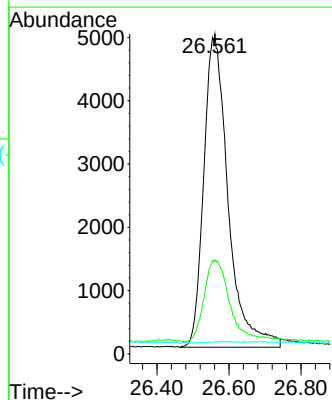
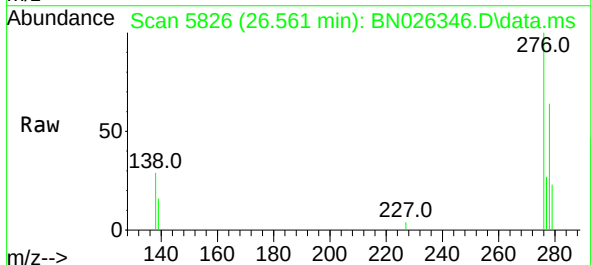
Instrument :
BNA_N
ClientSampleId :
SLCS584

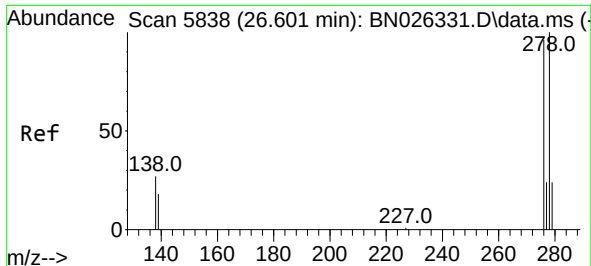
Tgt Ion:252 Resp: 17569
Ion Ratio Lower Upper
252 100
253 33.6 26.0 39.0
125 23.8 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng/ul
RT: 26.561 min Scan# 5826
Delta R.T. -0.010 min
Lab File: BN026346.D
Acq: 07 Jul 2023 01:03

Tgt Ion:276 Resp: 23133
Ion Ratio Lower Upper
276 100
138 27.7 24.5 36.7
227 0.1 0.0 0.0#

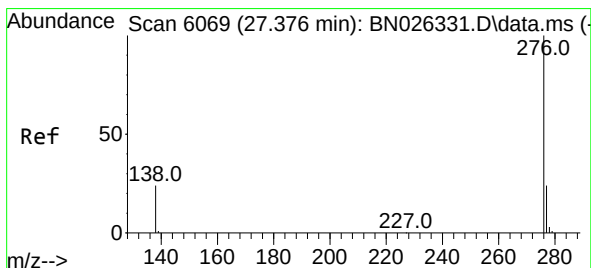
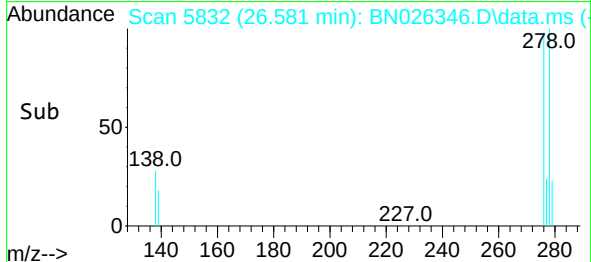
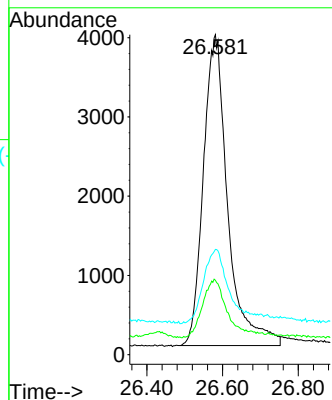
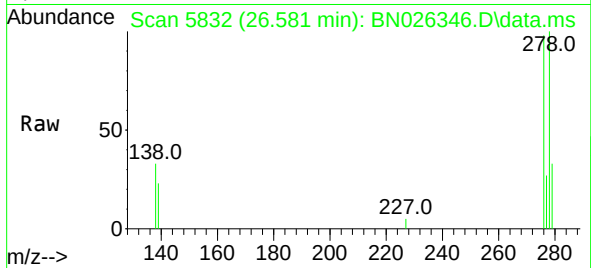




#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 26.581 min Scan# 5832
Delta R.T. -0.003 min
Lab File: BN026346.D
Acq: 07 Jul 2023 01:03

Instrument :
BNA_N
ClientSampleId :
SLCS584

Tgt Ion:278 Resp: 17505
Ion Ratio Lower Upper
278 100
139 23.3 19.0 28.4
279 32.9 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 27.349 min Scan# 6061
Delta R.T. -0.024 min
Lab File: BN026346.D
Acq: 07 Jul 2023 01:03

Tgt Ion:276 Resp: 20220
Ion Ratio Lower Upper
276 100
138 27.3 23.4 35.0
277 25.7 20.0 30.0

