

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026343.D
 Acq On : 06 Jul 2023 23:11
 Operator : MA/JU
 Sample : 03258-10MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGW7MSD

Quant Time: Jul 07 00:58:48 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

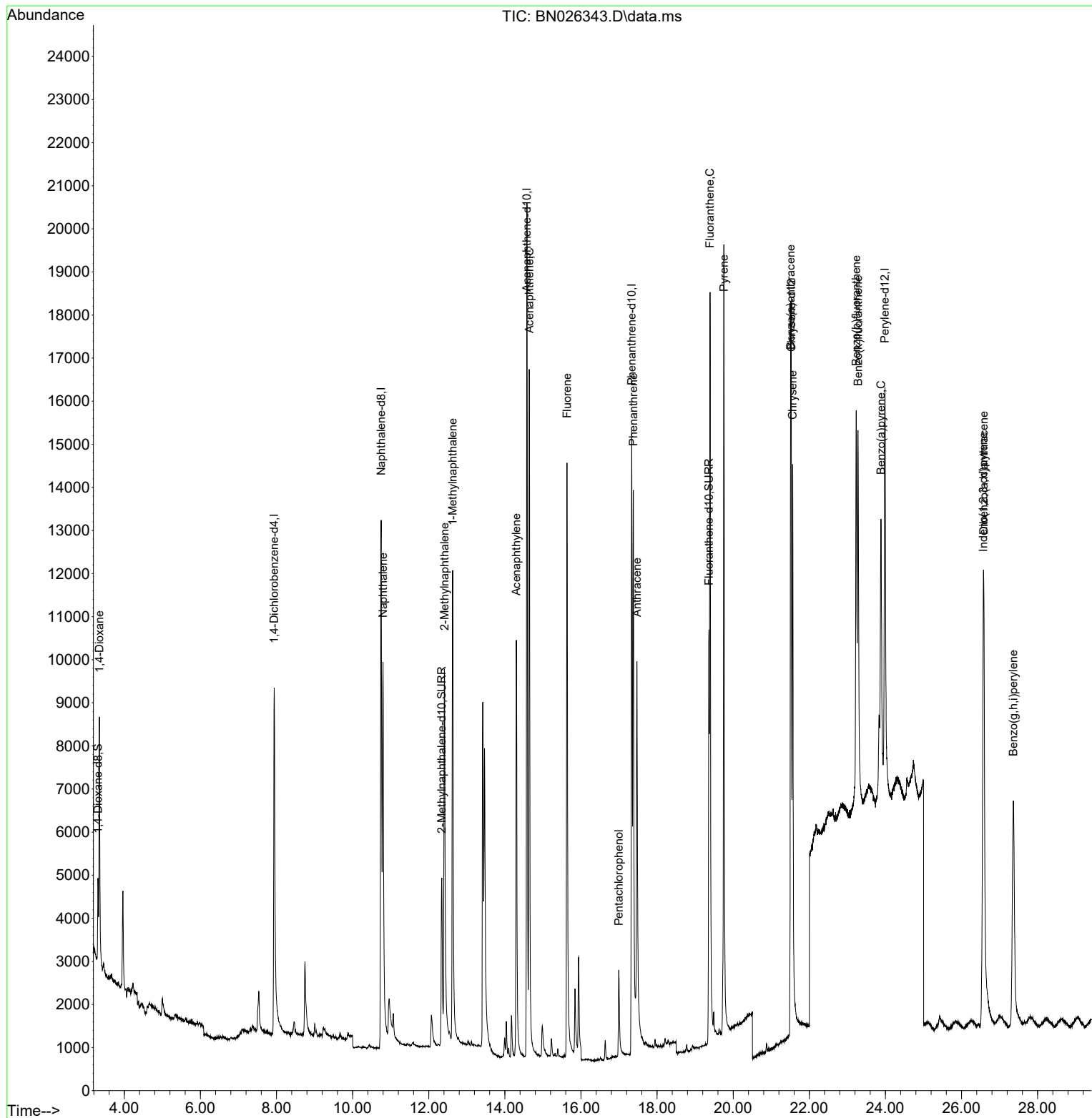
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	6612	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	22712	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.579	164	12660	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	21157	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	13001	0.400	ng/ul	0.00
23) Perylene-d12	23.987	264	14204	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	1414	0.190	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	7178	0.205	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	12481	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.344	88	4161	0.526	ng/ul	91
5) Naphthalene	10.798	128	15064	0.231	ng/ul	99
7) 2-Methylnaphthalene	12.415	142	8526	0.206	ng/ul	99
8) 1-Methylnaphthalene	12.629	142	9198	0.214	ng/ul	99
10) Acenaphthylene	14.302	152	13989	0.236	ng/ul	99
11) Acenaphthene	14.644	153	10913	0.225	ng/ul	99
12) Fluorene	15.634	166	11642	0.209	ng/ul	99
14) Pentachlorophenol	16.992	266	1894	0.250	ng/ul	99
15) Phenanthrene	17.376	178	16617	0.238	ng/ul	99
16) Anthracene	17.469	178	13800	0.222	ng/ul	97
19) Fluoranthene	19.391	202	17518	0.252	ng/ul	99
20) Pyrene	19.754	202	17983	0.249	ng/ul	98
21) Benzo(a)anthracene	21.509	228	13094	0.244	ng/ul	98
22) Chrysene	21.561	228	13702	0.246	ng/ul	98
24) Benzo(b)fluoranthene	23.233	252	13973	0.230	ng/ul	87
25) Benzo(k)fluoranthene	23.280	252	13974	0.230	ng/ul#	89
26) Benzo(a)pyrene	23.882	252	11725	0.223	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.571	276	15954	0.277	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.584	278	12525	0.288	ng/ul	97
29) Benzo(g,h,i)perylene	27.363	276	13929	0.272	ng/ul	96

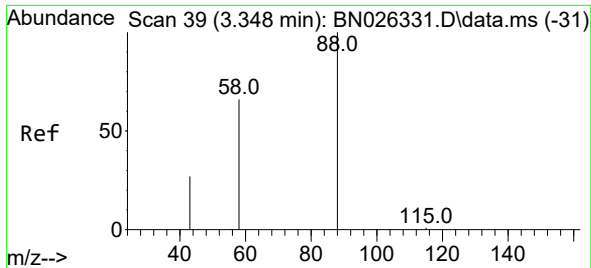
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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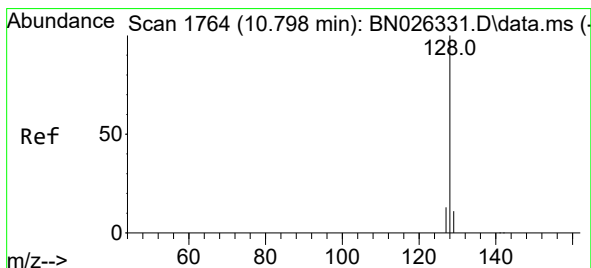
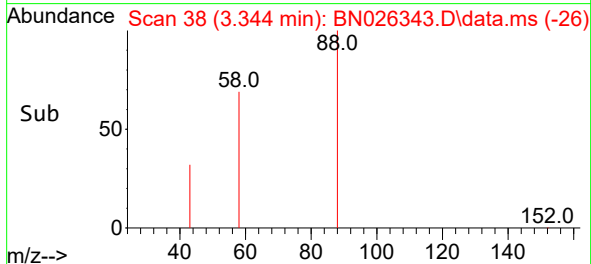
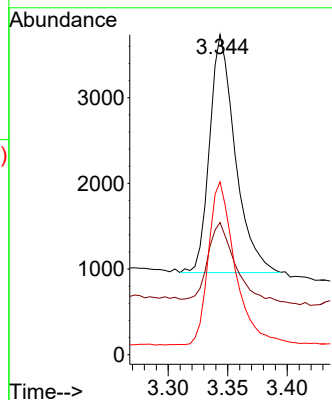
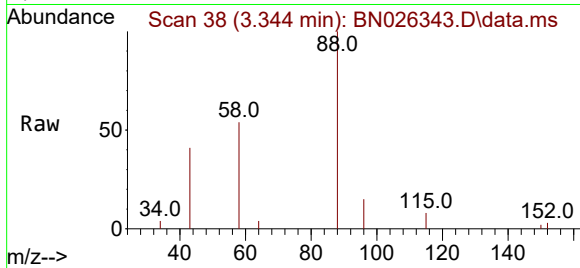




#2
1,4-Dioxane
Concen: 0.526 ng/ul
RT: 3.344 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

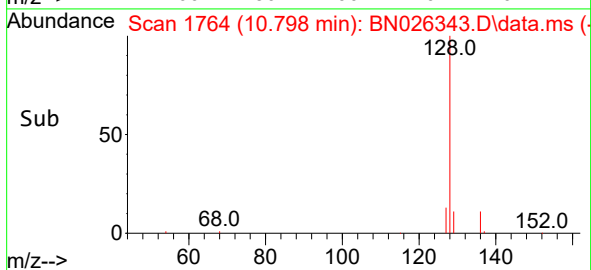
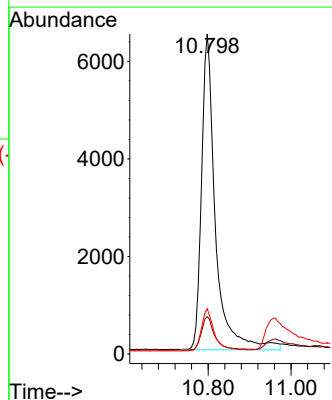
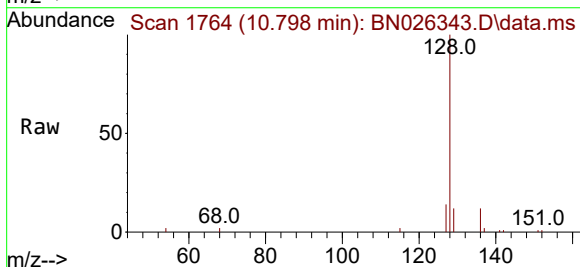
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ClientSampleId :
DCGW7MSD

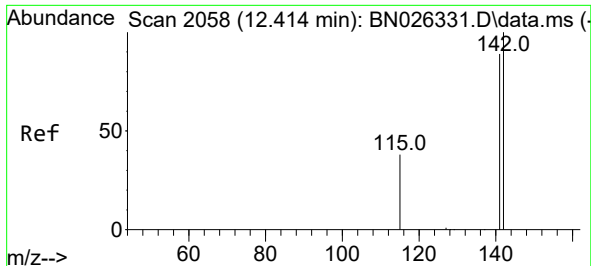
Tgt Ion: 88 Resp: 4161
Ion Ratio Lower Upper
88 100
43 41.3 29.5 44.3
58 54.0 37.4 56.2



#5
Naphthalene
Concen: 0.231 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

Tgt Ion:128 Resp: 15064
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 14.2 10.7 16.1

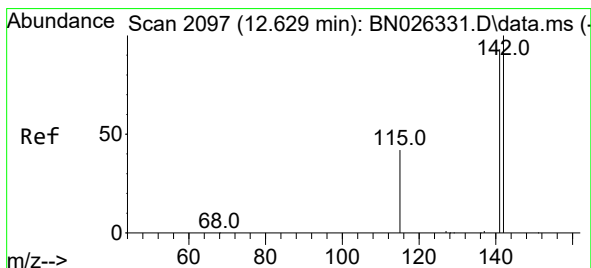
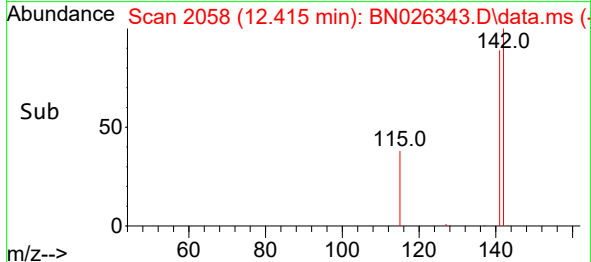
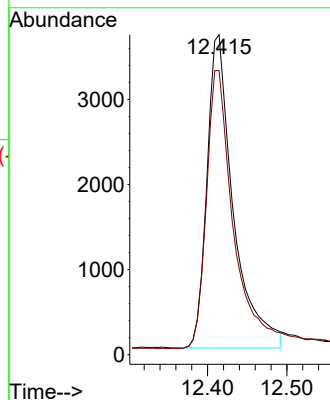
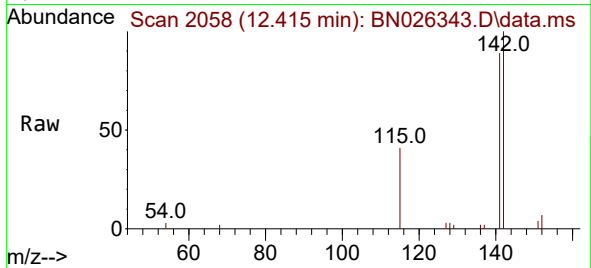




#7
2-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.415 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

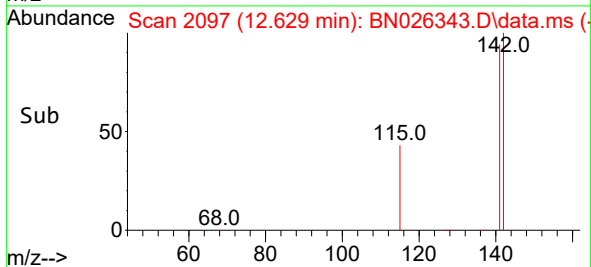
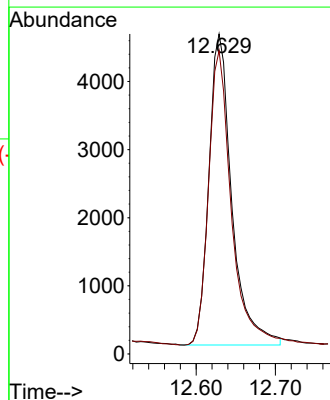
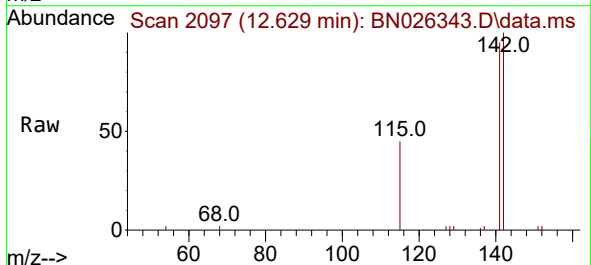
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BNA_N
ClientSampleId :
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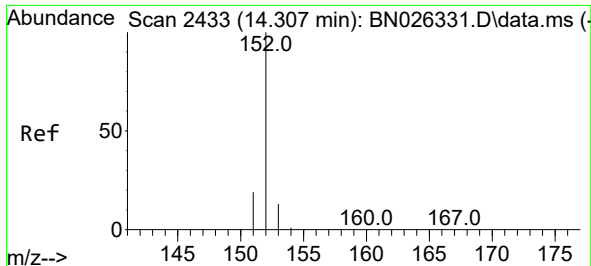
Tgt Ion:142 Resp: 8526
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.214 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

Tgt Ion:142 Resp: 9198
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4

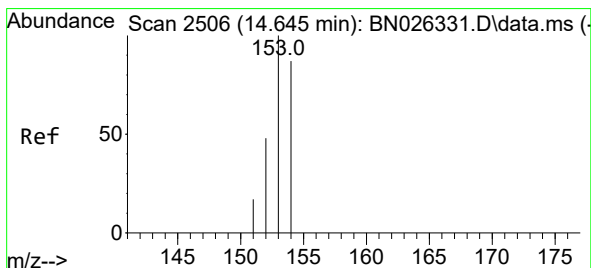
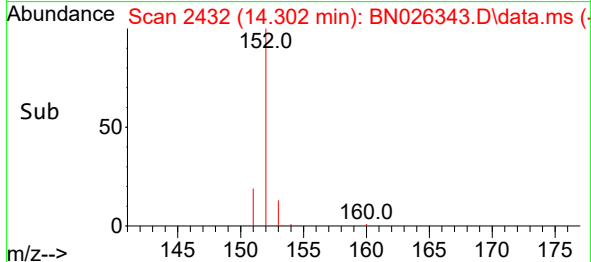
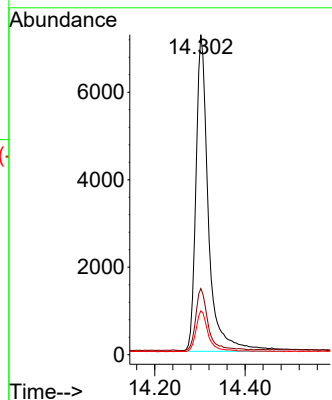
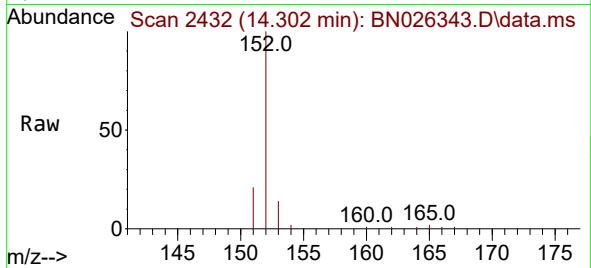




#10
Acenaphthylene
Concen: 0.236 ng/ul
RT: 14.302 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

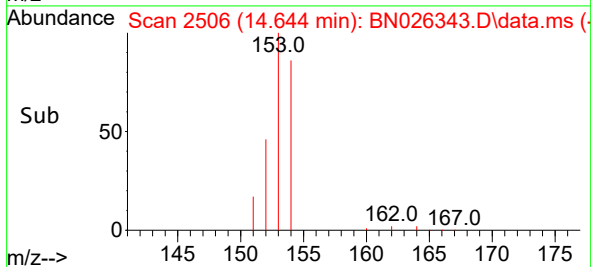
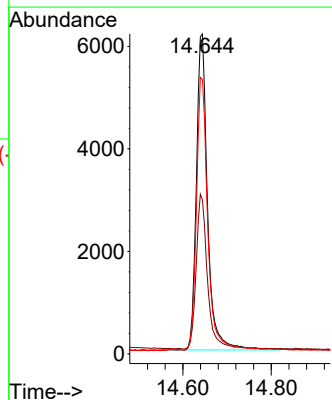
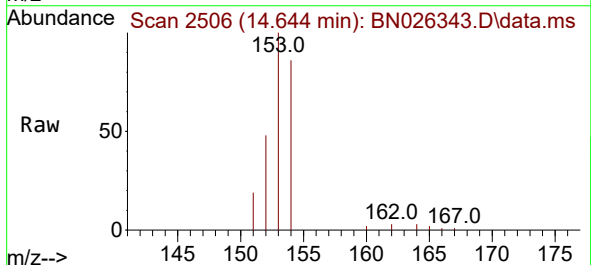
Instrument :
BNA_N
ClientSampleId :
DCGW7MSD

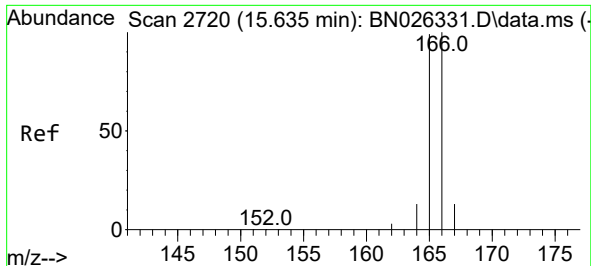
Tgt Ion:152 Resp: 13989
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.225 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

Tgt Ion:153 Resp: 10913
Ion Ratio Lower Upper
153 100
152 48.1 39.4 59.0
154 85.8 68.9 103.3

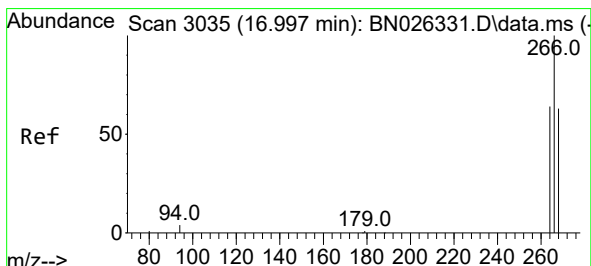
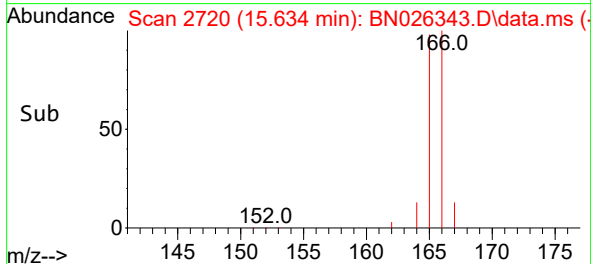
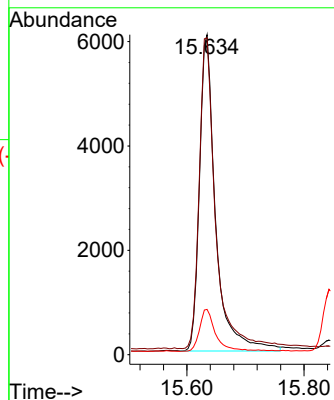
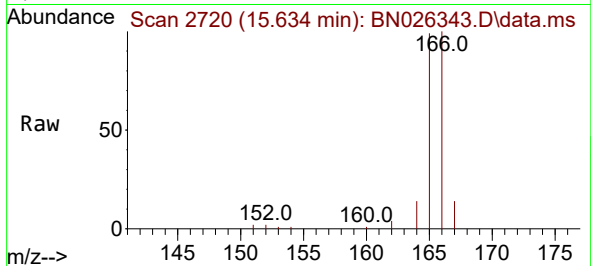




#12
 Fluorene
 Concen: 0.209 ng/ul
 RT: 15.634 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN026343.D
 Acq: 06 Jul 2023 23:11

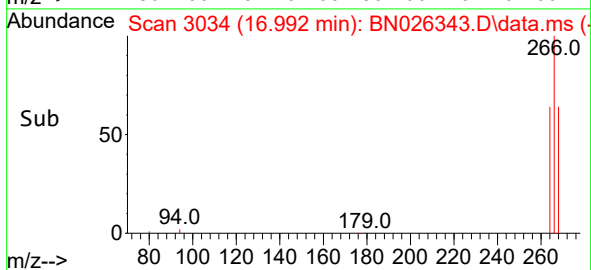
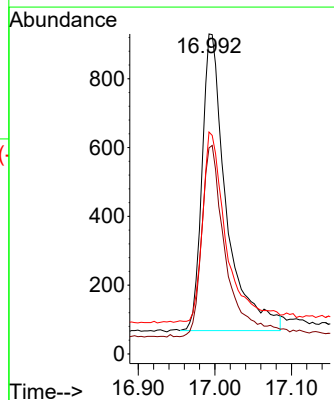
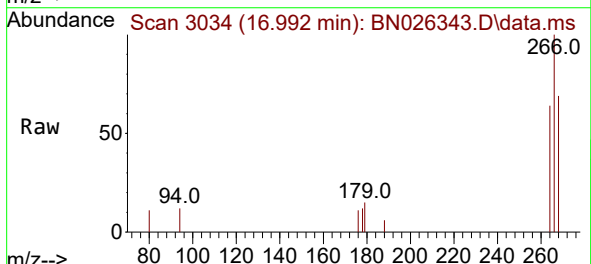
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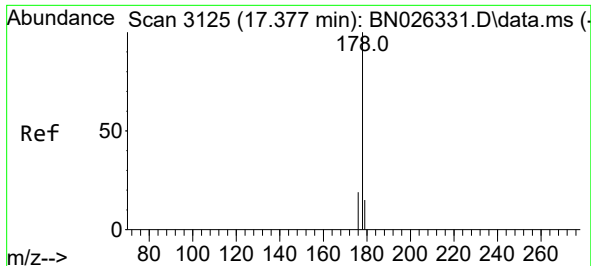
Tgt Ion:166 Resp: 11642
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.9 119.9
 167 14.2 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.250 ng/ul
 RT: 16.992 min Scan# 3034
 Delta R.T. -0.008 min
 Lab File: BN026343.D
 Acq: 06 Jul 2023 23:11

Tgt Ion:266 Resp: 1894
 Ion Ratio Lower Upper
 266 100
 264 63.7 50.5 75.7
 268 63.1 51.6 77.4

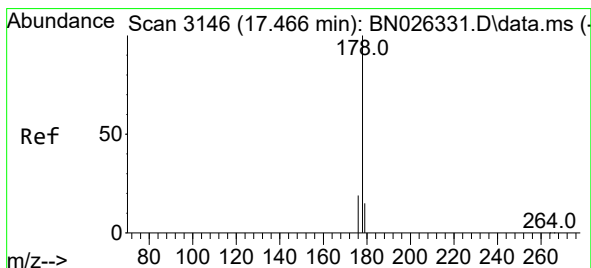
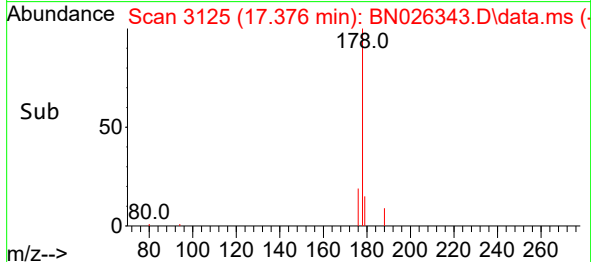
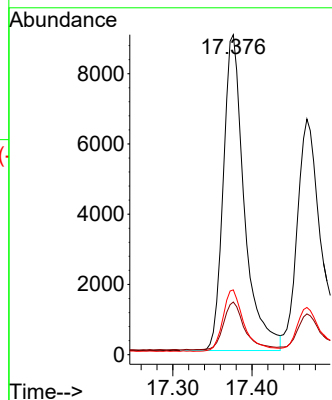
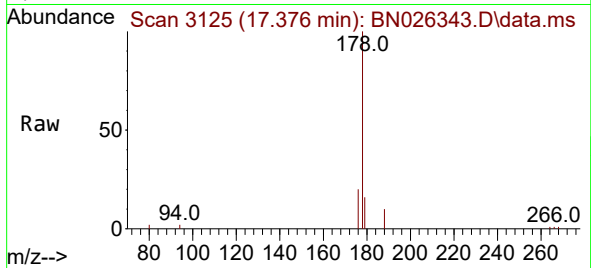




#15
Phenanthrene
Concen: 0.238 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

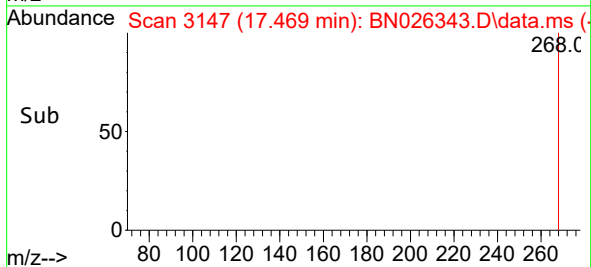
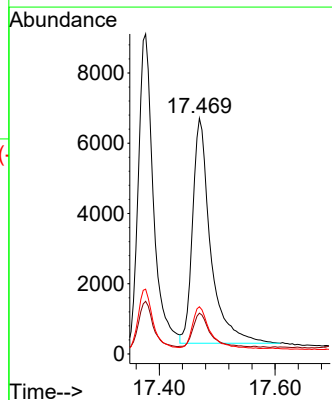
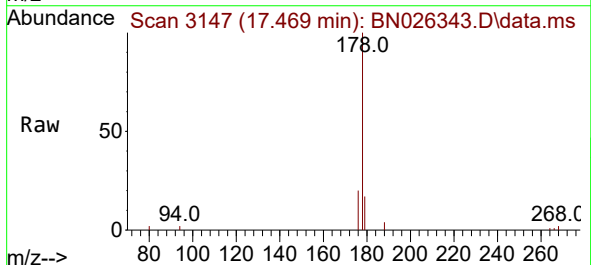
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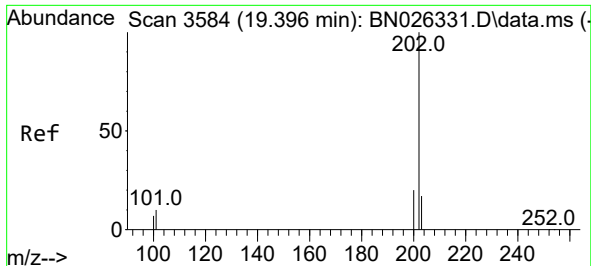
Tgt Ion:178 Resp: 16617
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 20.3 15.8 23.6



#16
Anthracene
Concen: 0.222 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

Tgt Ion:178 Resp: 13800
Ion Ratio Lower Upper
178 100
179 17.3 12.6 18.8
176 20.1 15.1 22.7

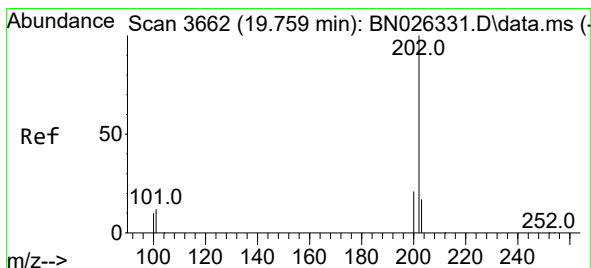
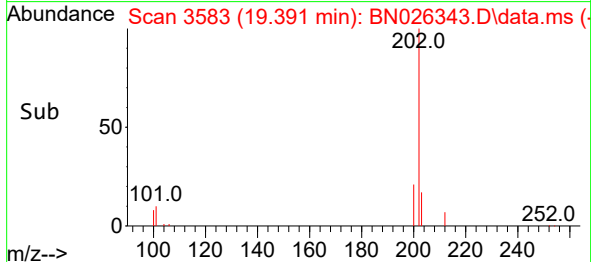
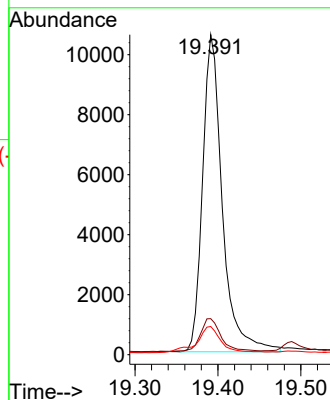
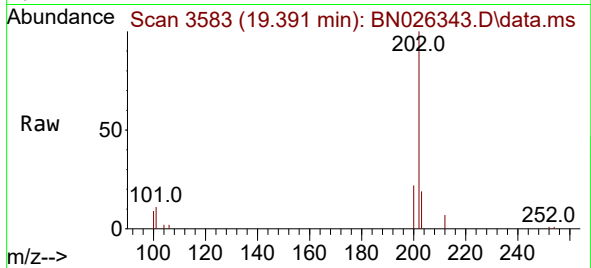




#19
Fluoranthene
Concen: 0.252 ng/ul
RT: 19.391 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

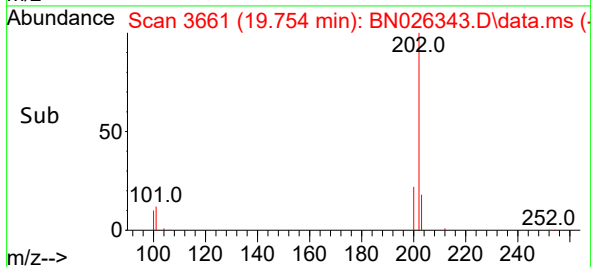
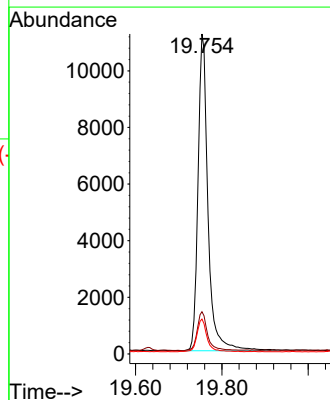
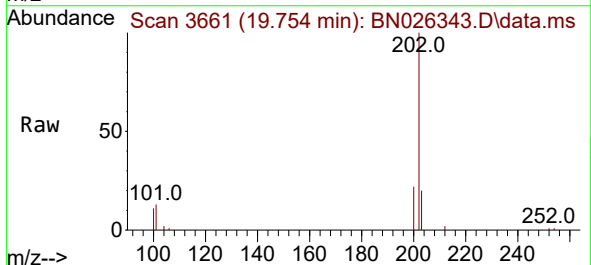
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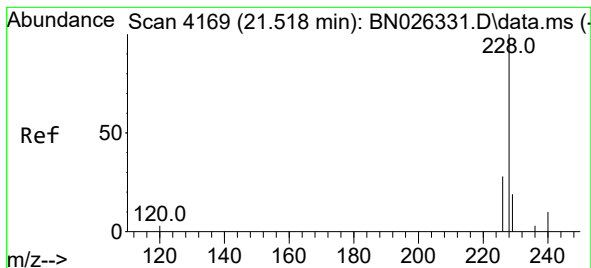
Tgt Ion:202 Resp: 17518
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.8 7.3 10.9



#20
Pyrene
Concen: 0.249 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

Tgt Ion:202 Resp: 17983
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.9 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.244 ng/ul

RT: 21.509 min Scan# 4166

Delta R.T. -0.006 min

Lab File: BN026343.D

Acq: 06 Jul 2023 23:11

Instrument :

BNA_N

ClientSampleId :

DCGW7MSD

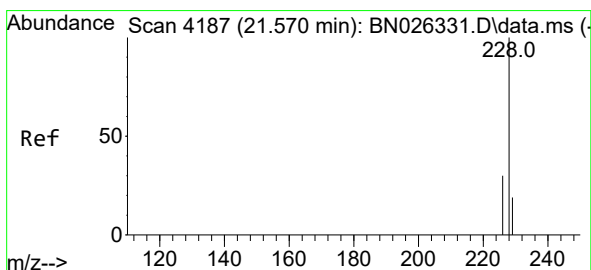
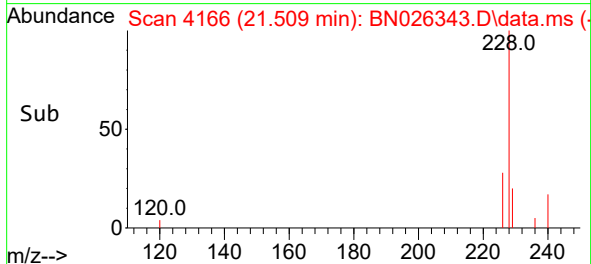
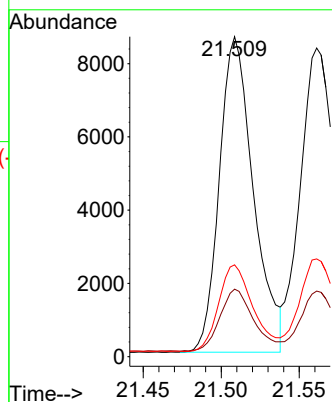
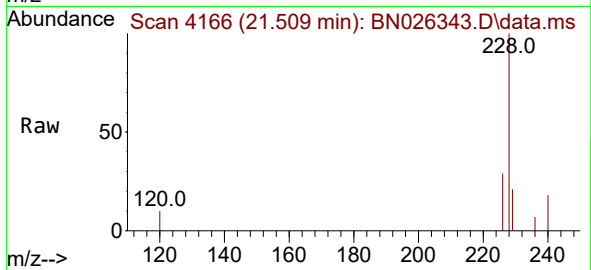
Tgt Ion:228 Resp: 13094

Ion Ratio Lower Upper

228 100

229 21.1 15.8 23.6

226 28.7 22.5 33.7



#22

Chrysene

Concen: 0.246 ng/ul

RT: 21.561 min Scan# 4184

Delta R.T. -0.003 min

Lab File: BN026343.D

Acq: 06 Jul 2023 23:11

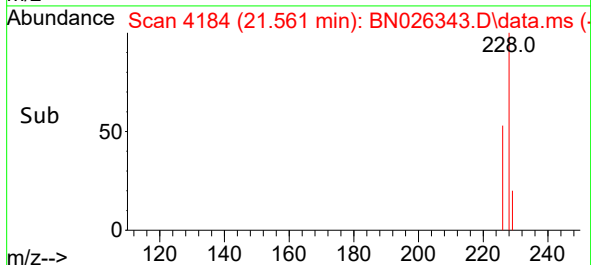
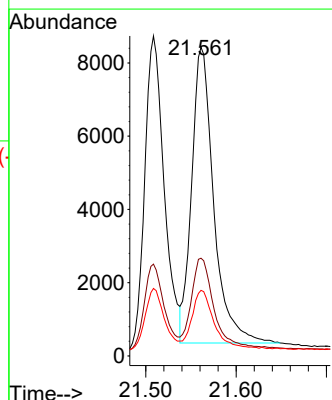
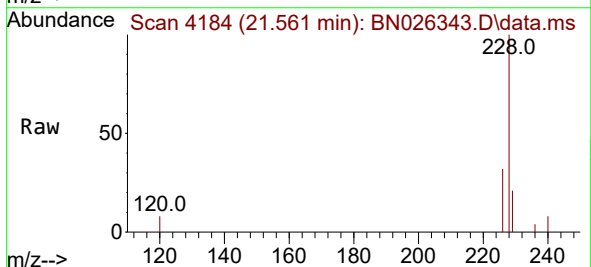
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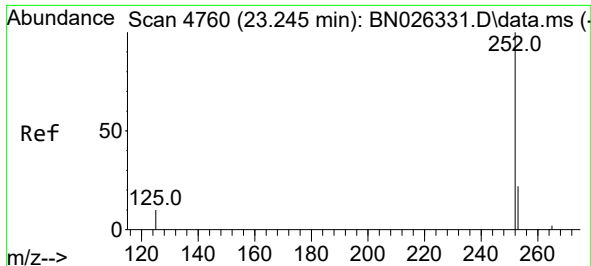
Ion Ratio Lower Upper

228 100

226 31.7 24.8 37.2

229 21.2 15.7 23.5

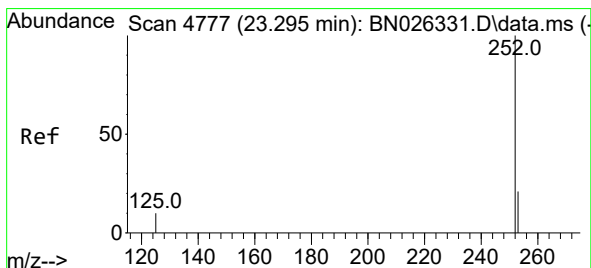
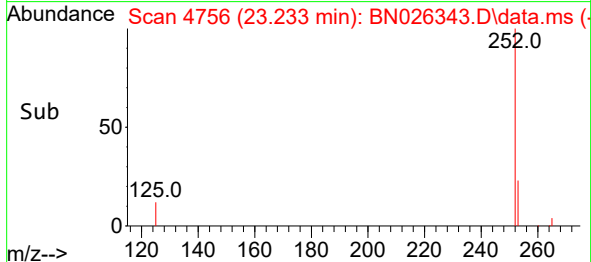
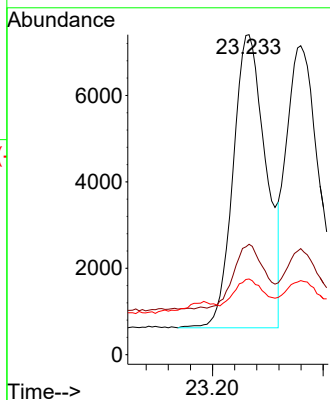
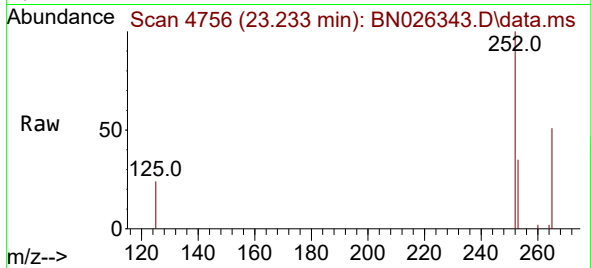




#24
Benzo(b)fluoranthene
Concen: 0.230 ng/ul
RT: 23.233 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

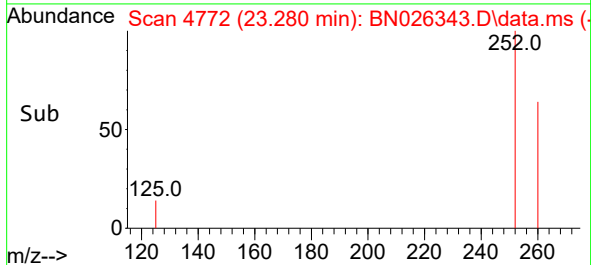
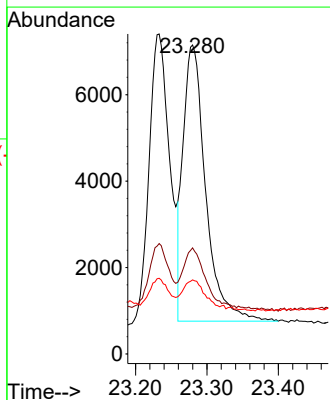
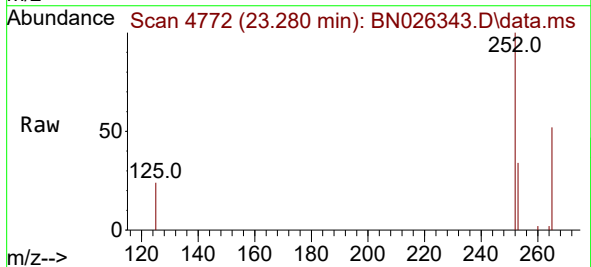
Instrument :
BNA_N
ClientSampleId :
DCGW7MSD

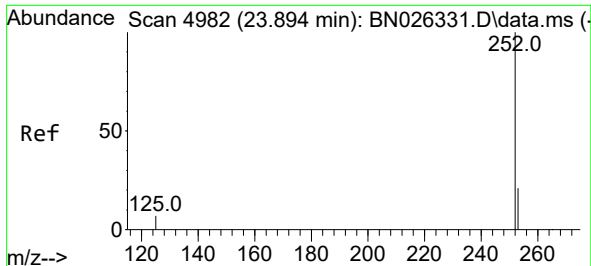
Tgt Ion:252 Resp: 13973
Ion Ratio Lower Upper
252 100
253 34.5 0.0 55.6
125 23.6 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.230 ng/ul
RT: 23.280 min Scan# 4772
Delta R.T. -0.006 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

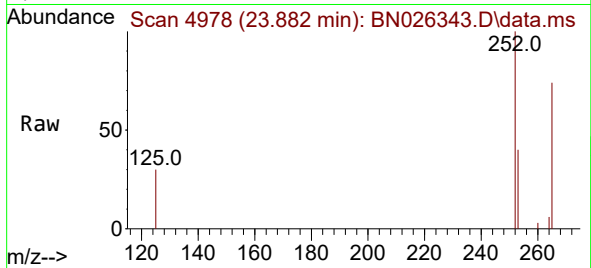
Tgt Ion:252 Resp: 13974
Ion Ratio Lower Upper
252 100
253 34.3 23.2 34.8
125 24.0 15.0 22.4#



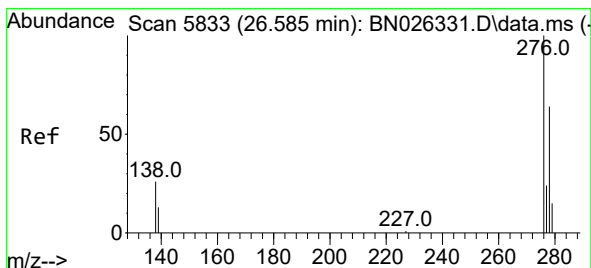
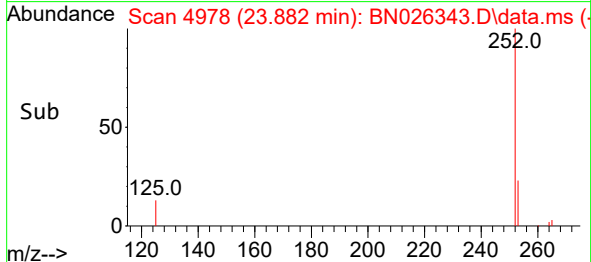
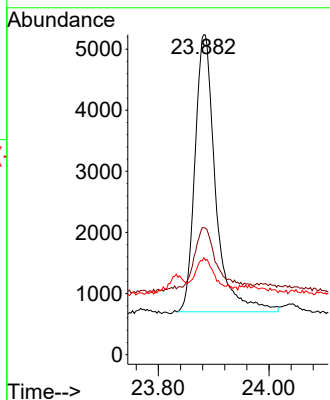


#26
Benzo(a)pyrene
Concen: 0.223 ng/ul
RT: 23.882 min Scan# 4978
Delta R.T. -0.003 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

Instrument :
BNA_N
ClientSampleId :
DCGW7MSD

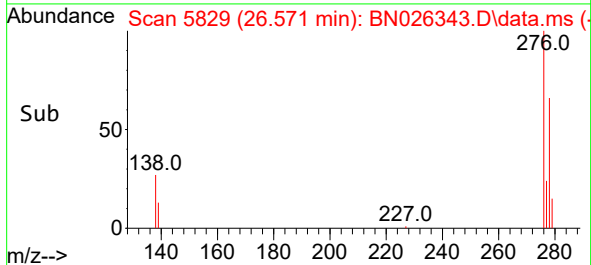
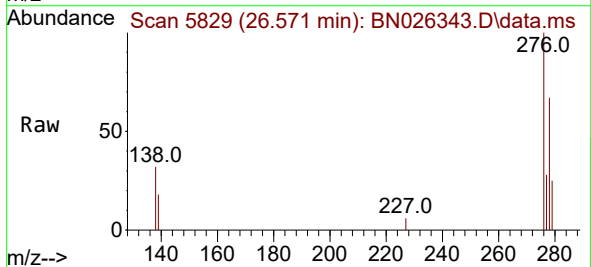
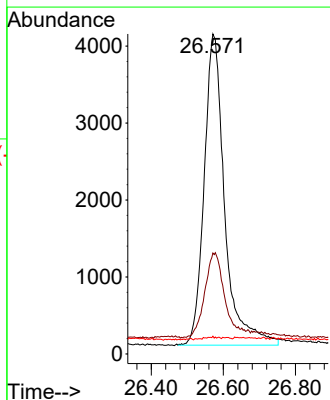


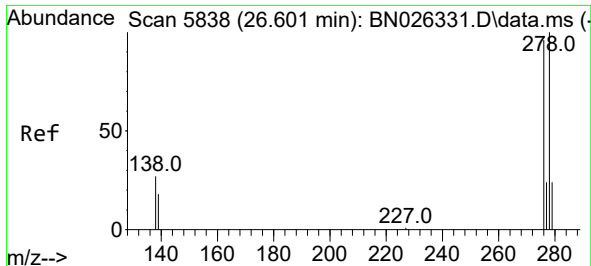
Tgt Ion:252 Resp: 11725
Ion Ratio Lower Upper
252 100
253 39.7 26.0 39.0#
125 30.3 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.277 ng/ul
RT: 26.571 min Scan# 5829
Delta R.T. -0.000 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

Tgt Ion:276 Resp: 15954
Ion Ratio Lower Upper
276 100
138 28.4 24.5 36.7
227 0.4 0.0 0.0#

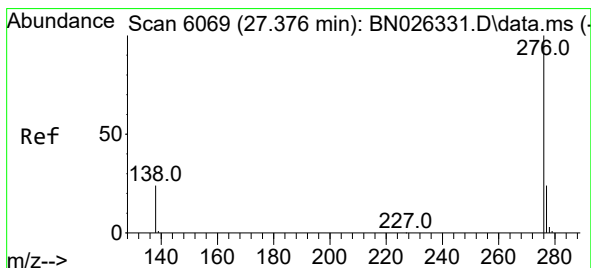
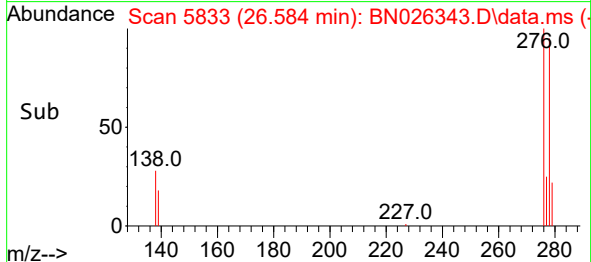
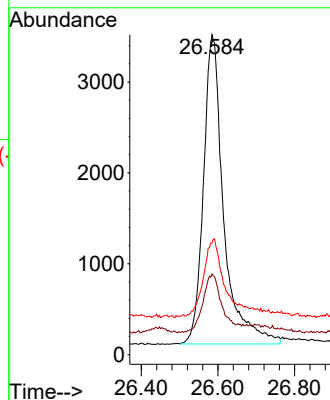
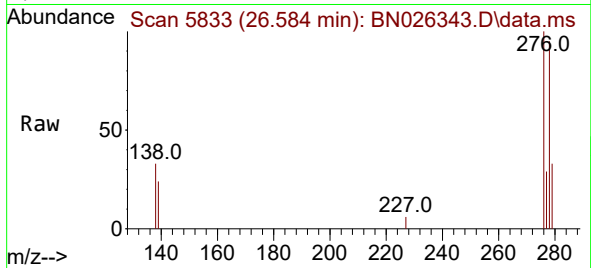




#28
Dibenzo(a,h)anthracene
Concen: 0.288 ng/ul
RT: 26.584 min Scan# 5833
Delta R.T. -0.000 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

Instrument :
BNA_N
ClientSampleId :
DCGW7MSD

Tgt Ion:278 Resp: 12525
Ion Ratio Lower Upper
278 100
139 25.2 19.0 28.4
279 34.9 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.272 ng/ul
RT: 27.363 min Scan# 6065
Delta R.T. -0.010 min
Lab File: BN026343.D
Acq: 06 Jul 2023 23:11

Tgt Ion:276 Resp: 13929
Ion Ratio Lower Upper
276 100
138 28.7 23.4 35.0
277 28.6 20.0 30.0

