

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026315.D
 Acq On : 06 Jul 2023 05:11
 Operator : MA/JU
 Sample : 03248-14DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGP2DL

Quant Time: Jul 06 05:49:26 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 : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

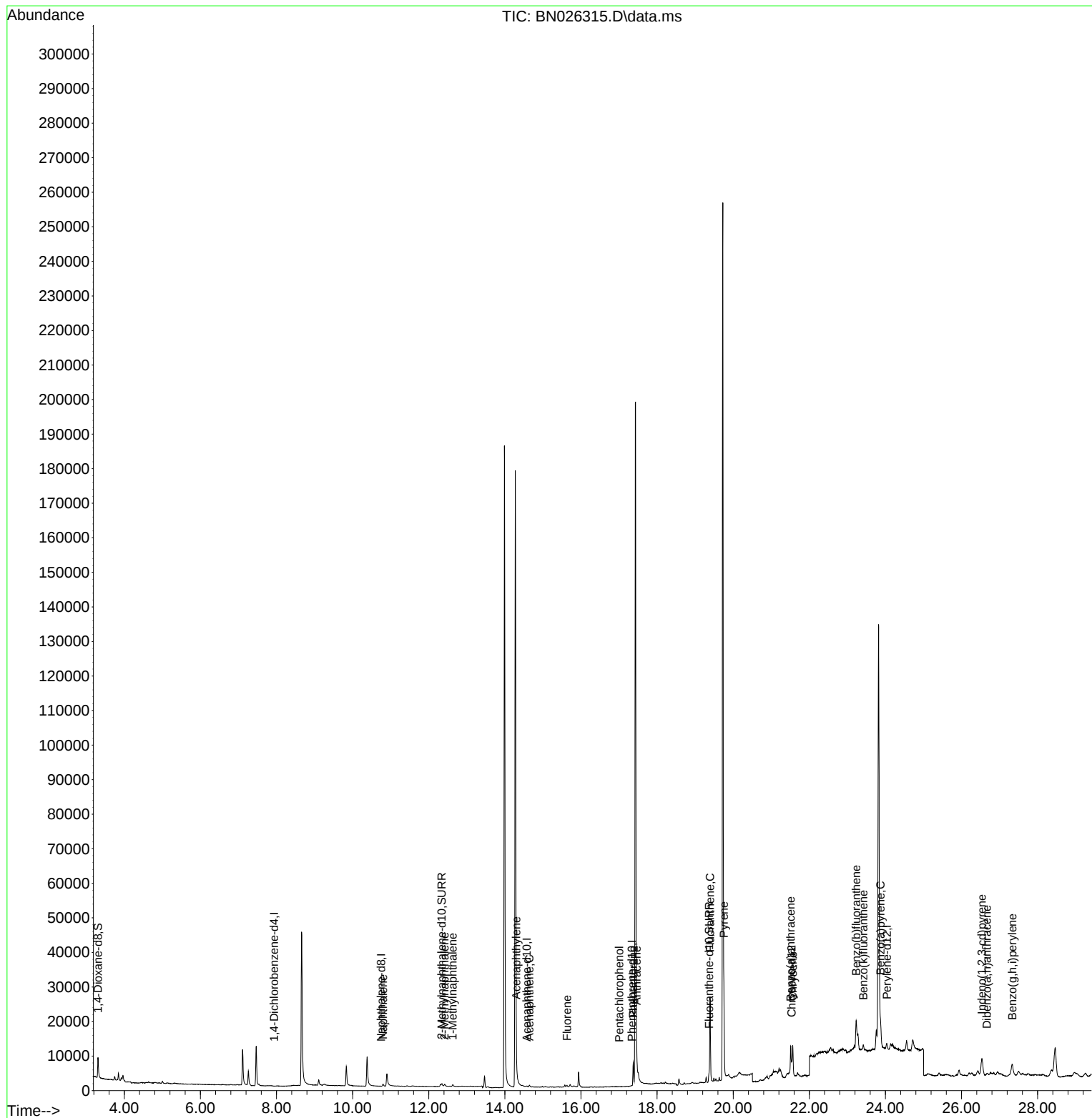
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	4	0.400	ng/ul	#-0.01
4) Naphthalene-d8	10.748	136	45	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.580	164	118	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.335	188	186	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.533	240	127	0.400	ng/ul	# 0.00
23) Perylene-d12	24.041	264	17	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	4273	948.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	1490	21.527	ng/ul	0.00
18) Fluoranthene-d10	19.364	212	2925	6.051	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	901	6.986	ng/ul#	68
7) 2-Methylnaphthalene	12.415	142	600	7.306	ng/ul	96
8) 1-Methylnaphthalene	12.629	142	459	5.394	ng/ul	99
10) Acenaphthylene	14.303	152	1555	2.814	ng/ul#	75
11) Acenaphthene	14.645	153	375	0.830	ng/ul#	89
12) Fluorene	15.635	166	384	0.741	ng/ul#	79
14) Pentachlorophenol	17.006	266	10	0.150	ng/ul#	56
15) Phenanthrene	17.373	178	7799	12.694	ng/ul#	93
16) Anthracene	17.466	178	1122	2.055	ng/ul#	64
19) Fluoranthene	19.392	202	22651	33.392	ng/ul	99
20) Pyrene	19.755	202	19477	27.606	ng/ul	99
21) Benzo(a)anthracene	21.509	228	7679	14.657	ng/ul#	71
22) Chrysene	21.565	228	9620	17.647	ng/ul#	79
24) Benzo(b)fluoranthene	23.231	252	23132	318.803	ng/ul	68
25) Benzo(k)fluoranthene	23.418	252	1986	27.257	ng/ul#	1
26) Benzo(a)pyrene	23.871	252	9995	158.600	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	26.535	276	8787	127.654	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.666	278	561	10.769	ng/ul#	1
29) Benzo(g,h,i)perylene	27.333	276	7690	125.586	ng/ul#	70

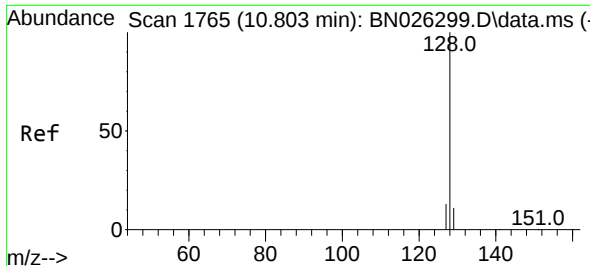
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026315.D
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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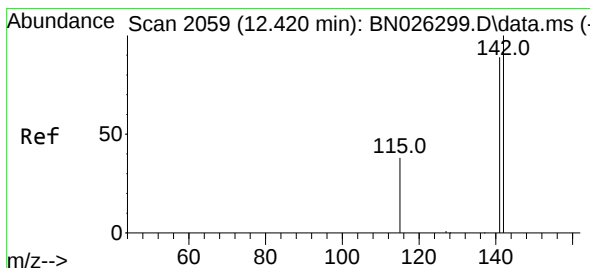
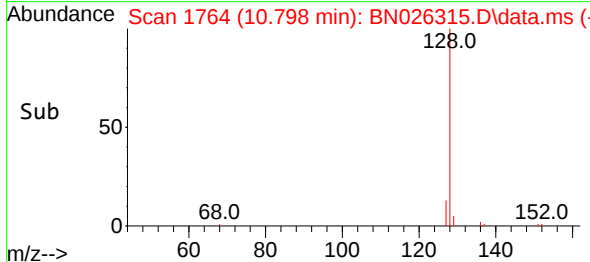
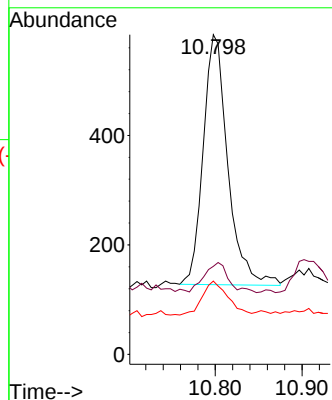
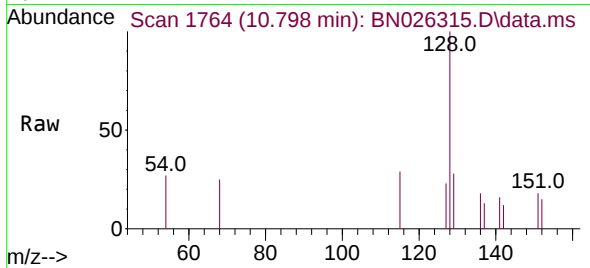




#5
Naphthalene
Concen: 6.986 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.011 min
Lab File: BN026315.D
Acq: 06 Jul 2023 05:11

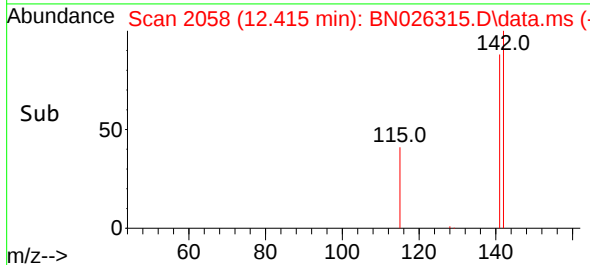
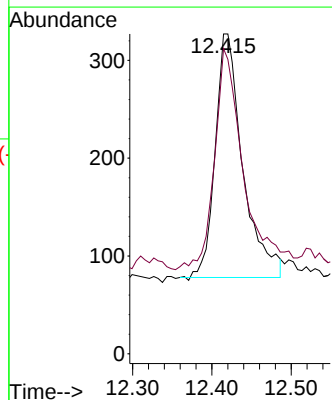
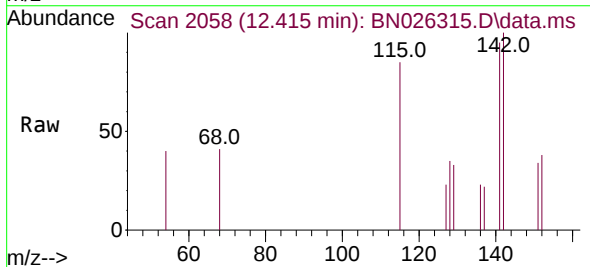
Instrument :
BNA_N
ClientSampleId :
DCGP2DL

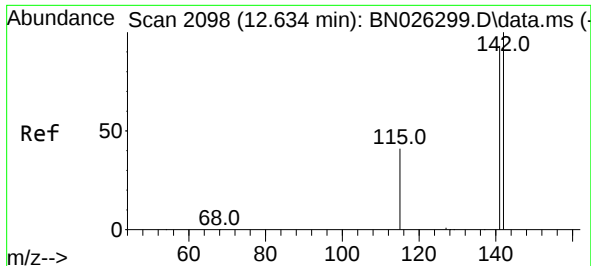
Tgt Ion:128 Resp: 901
Ion Ratio Lower Upper
128 100
129 27.6 9.1 13.7#
127 22.9 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 7.306 ng/ul
RT: 12.415 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BN026315.D
Acq: 06 Jul 2023 05:11

Tgt Ion:142 Resp: 600
Ion Ratio Lower Upper
142 100
141 93.5 71.9 107.9

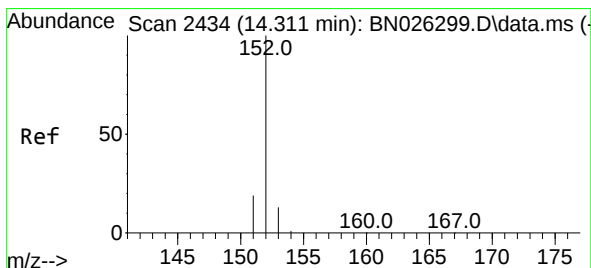
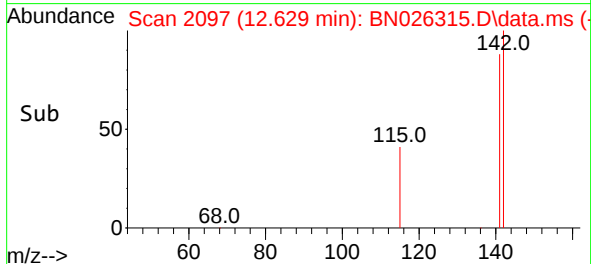
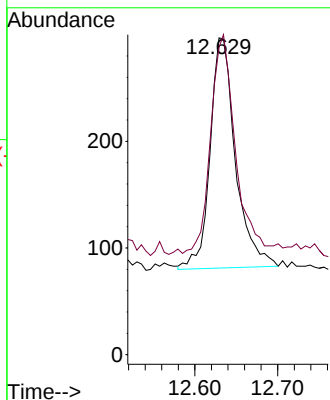
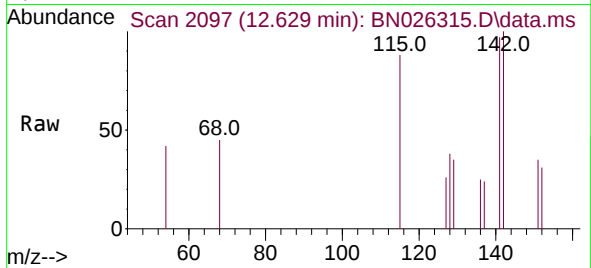




#8
1-Methylnaphthalene
Concen: 5.394 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN026315.D
Acq: 06 Jul 2023 05:11

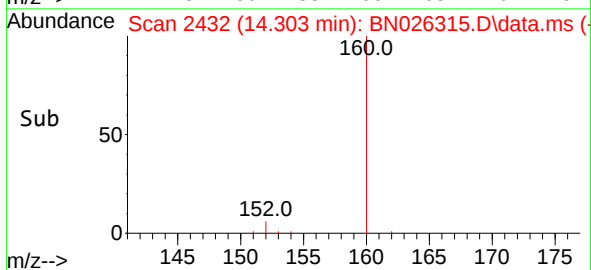
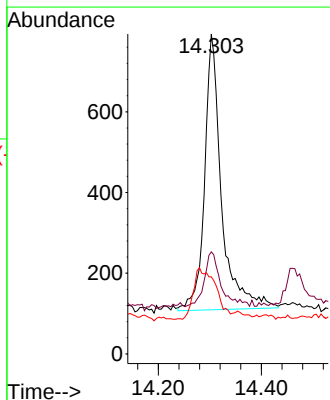
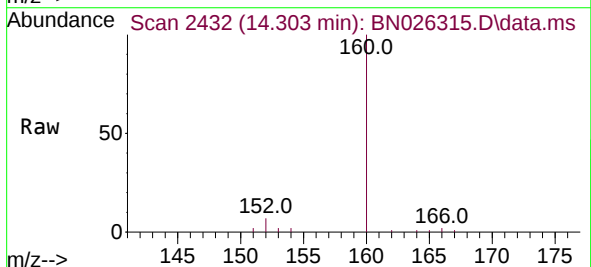
Instrument :
BNA_N
ClientSampleId :
DCGP2DL

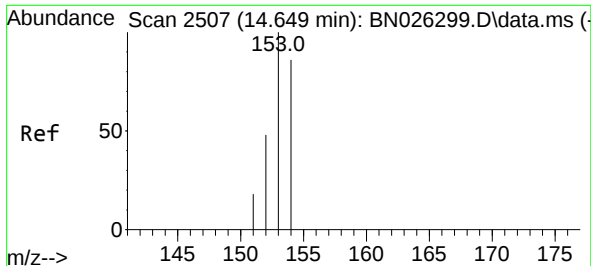
Tgt Ion:142 Resp: 459
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.4



#10
Acenaphthylene
Concen: 2.814 ng/ul
RT: 14.303 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN026315.D
Acq: 06 Jul 2023 05:11

Tgt Ion:152 Resp: 1555
Ion Ratio Lower Upper
152 100
151 31.9 16.2 24.4#
153 24.1 10.9 16.3#

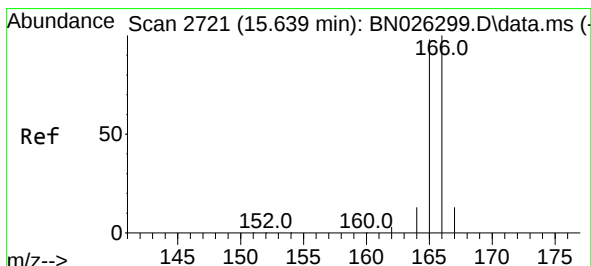
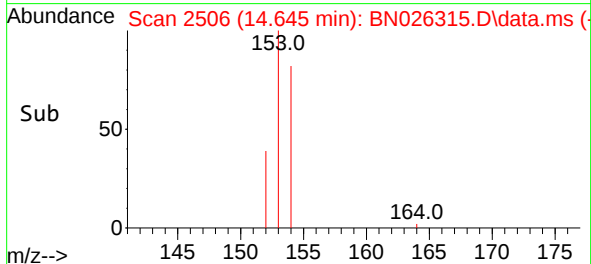
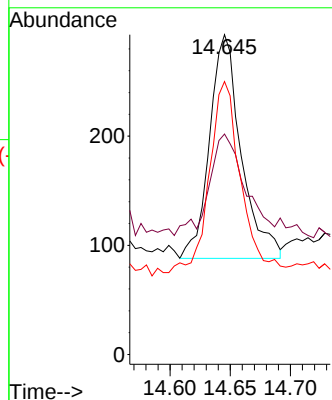
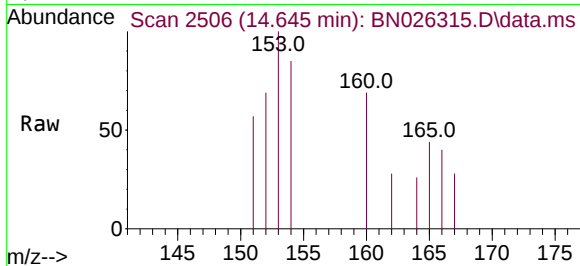




#11
Acenaphthene
Concen: 0.830 ng/ul
RT: 14.645 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026315.D
Acq: 06 Jul 2023 05:11

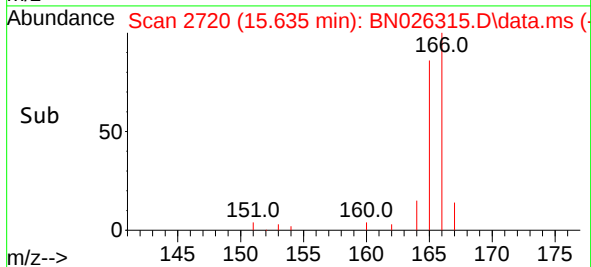
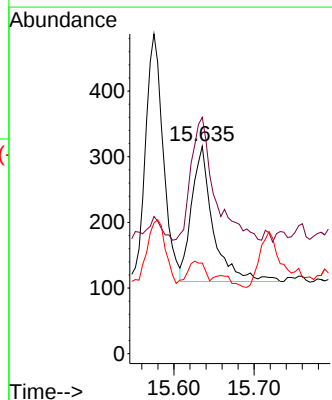
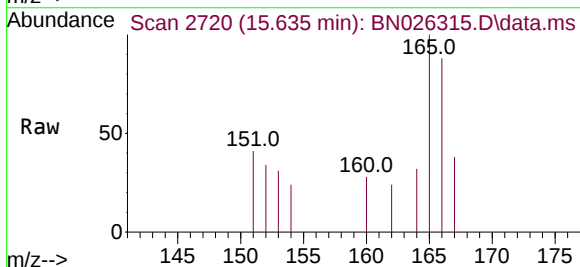
Instrument :
BNA_N
ClientSampleId :
DCGP2DL

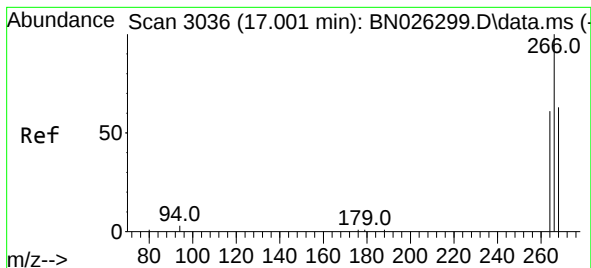
Tgt Ion:153 Resp: 375
Ion Ratio Lower Upper
153 100
152 68.9 39.4 59.0#
154 85.3 68.9 103.3



#12
Fluorene
Concen: 0.741 ng/ul
RT: 15.635 min Scan# 2720
Delta R.T. -0.009 min
Lab File: BN026315.D
Acq: 06 Jul 2023 05:11

Tgt Ion:166 Resp: 384
Ion Ratio Lower Upper
166 100
165 113.9 79.9 119.9
167 43.7 10.8 16.2#





#14

Pentachlorophenol

Concen: 0.150 ng/ul

RT: 17.006 min Scan# 3036

Delta R.T. 0.000 min

Lab File: BN026315.D

Acq: 06 Jul 2023 05:11

Instrument :

BNA_N

ClientSampleId :

DCGP2DL

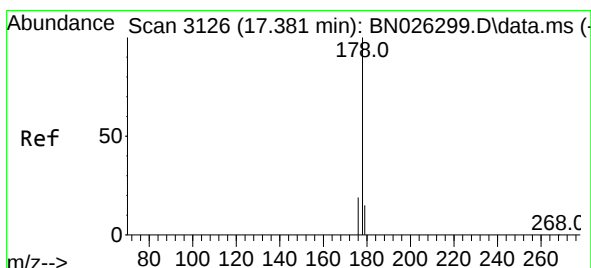
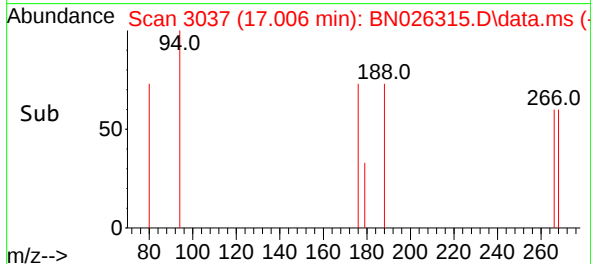
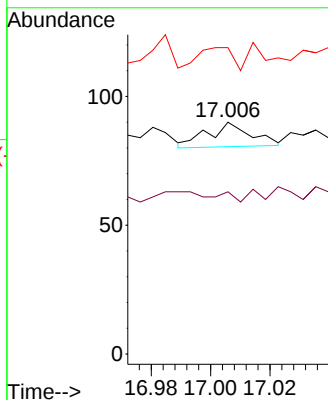
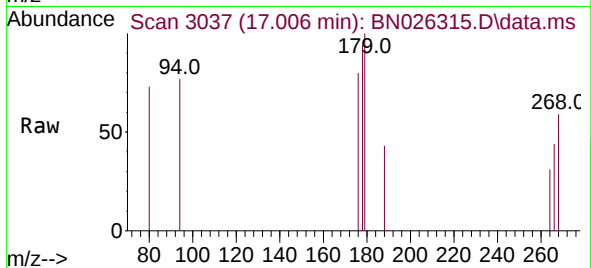
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 0.0 50.5 75.7#

268 70.0 51.6 77.4



#15

Phenanthrene

Concen: 12.694 ng/ul

RT: 17.373 min Scan# 3124

Delta R.T. -0.012 min

Lab File: BN026315.D

Acq: 06 Jul 2023 05:11

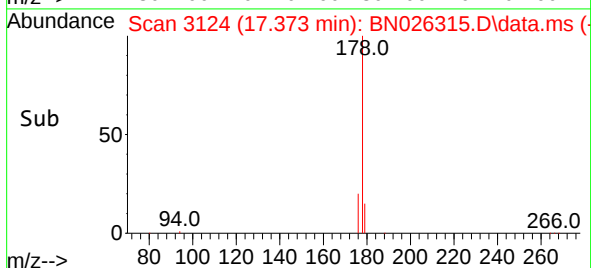
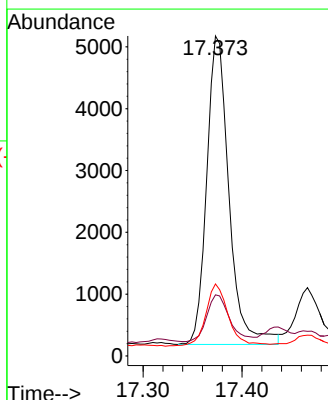
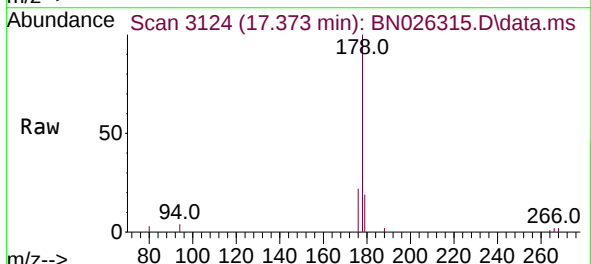
Tgt Ion:178 Resp: 7799

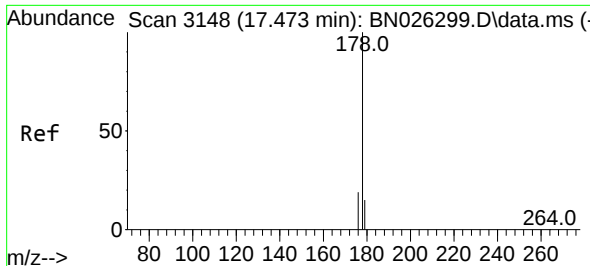
Ion Ratio Lower Upper

178 100

179 19.1 12.6 19.0#

176 22.5 15.8 23.6

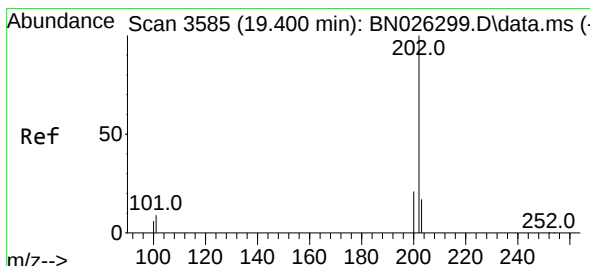
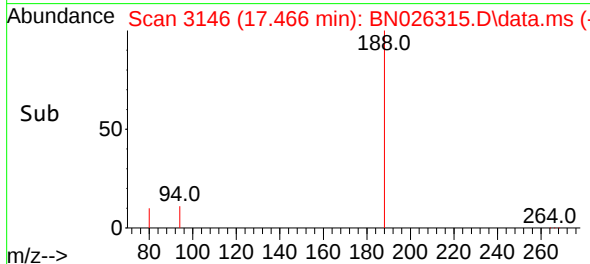
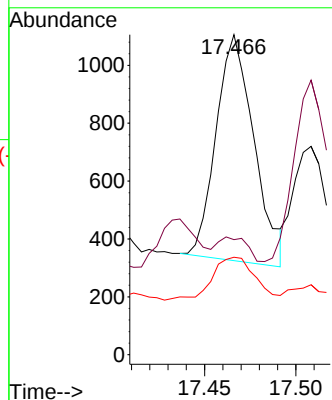
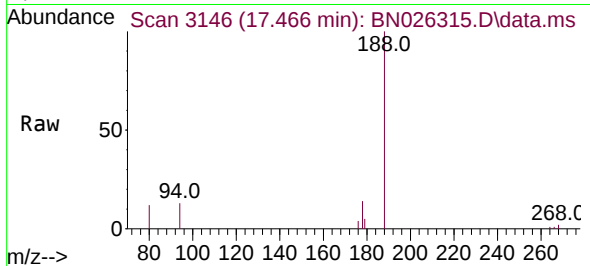




#16
 Anthracene
 Concen: 2.055 ng/ul
 RT: 17.466 min Scan# 3146
 Delta R.T. -0.012 min
 Lab File: BN026315.D
 Acq: 06 Jul 2023 05:11

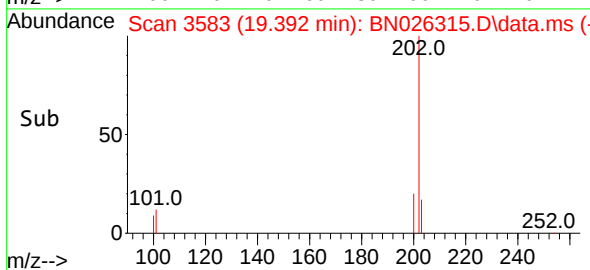
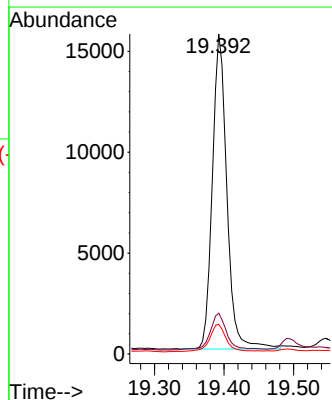
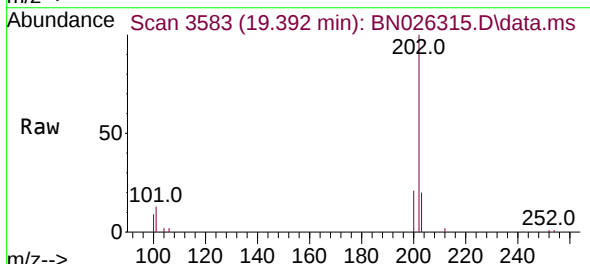
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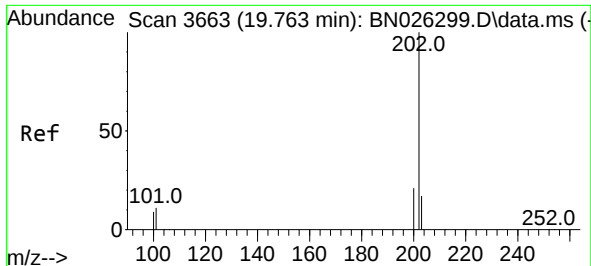
Tgt Ion:178 Resp: 1122
 Ion Ratio Lower Upper
 178 100
 179 36.0 12.6 18.8#
 176 30.5 15.1 22.7#



#19
 Fluoranthene
 Concen: 33.392 ng/ul
 RT: 19.392 min Scan# 3583
 Delta R.T. -0.009 min
 Lab File: BN026315.D
 Acq: 06 Jul 2023 05:11

Tgt Ion:202 Resp: 22651
 Ion Ratio Lower Upper
 202 100
 101 12.7 9.5 14.3
 100 9.3 7.3 10.9

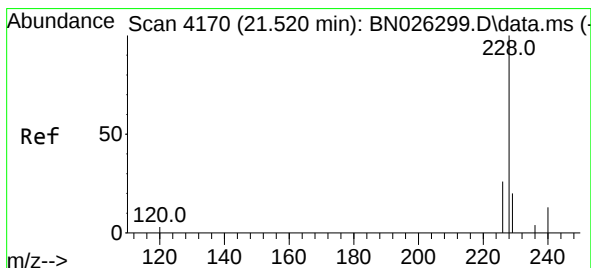
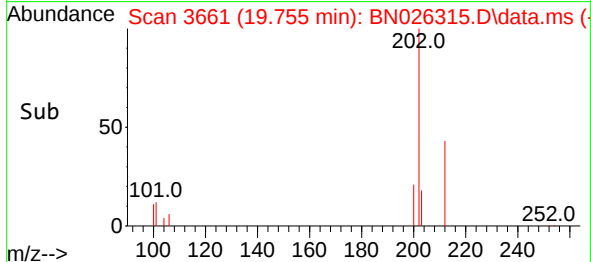
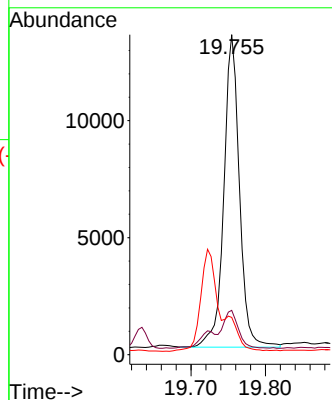
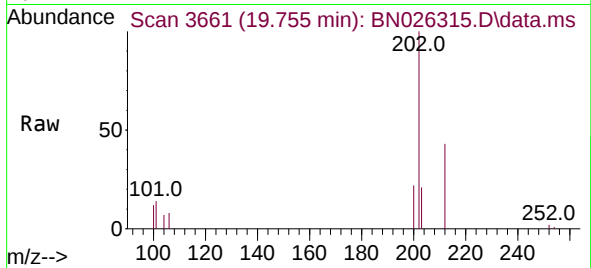




#20
Pyrene
Concen: 27.606 ng/ul
RT: 19.755 min Scan# 3661
Delta R.T. -0.009 min
Lab File: BN026315.D
Acq: 06 Jul 2023 05:11

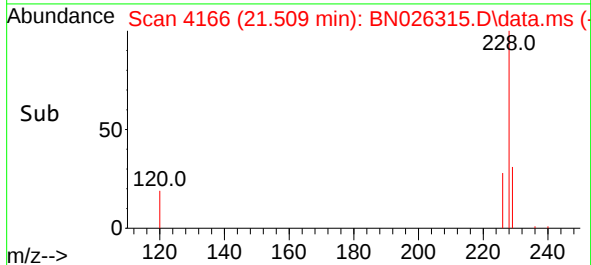
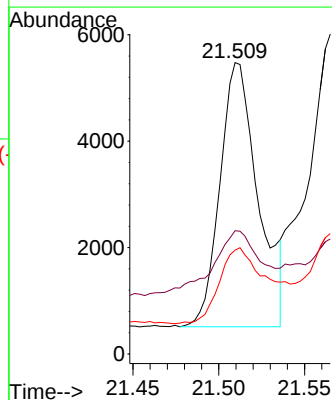
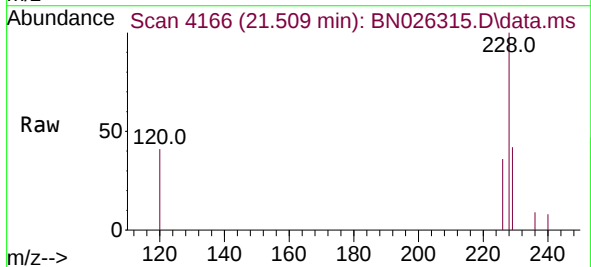
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BNA_N
ClientSampleId :
DCGP2DL

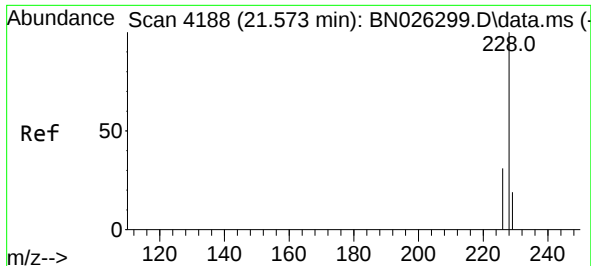
Tgt Ion:202 Resp: 19477
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 11.7 9.1 13.7



#21
Benzo(a)anthracene
Concen: 14.657 ng/ul
RT: 21.509 min Scan# 4166
Delta R.T. -0.006 min
Lab File: BN026315.D
Acq: 06 Jul 2023 05:11

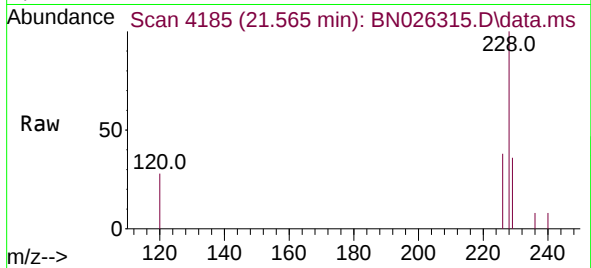
Tgt Ion:228 Resp: 7679
Ion Ratio Lower Upper
228 100
229 42.3 15.8 23.6#
226 35.6 22.5 33.7#



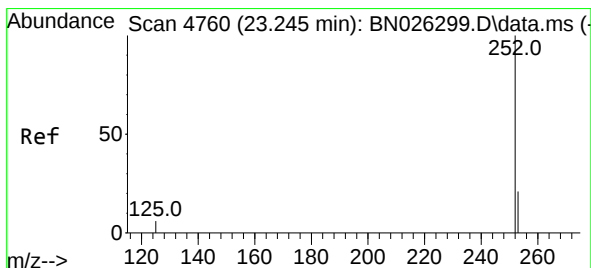
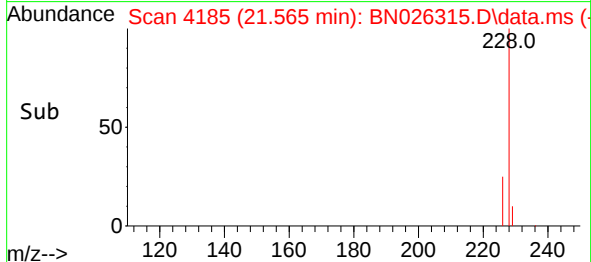
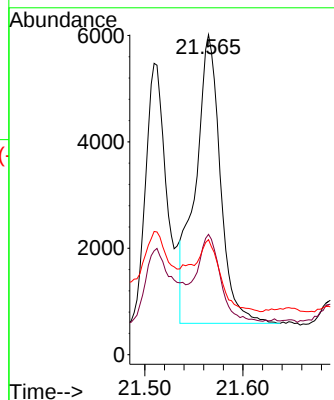


#22
Chrysene
Concen: 17.647 ng/ul
RT: 21.565 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026315.D
Acq: 06 Jul 2023 05:11

Instrument :
BNA_N
ClientSampleId :
DCGP2DL

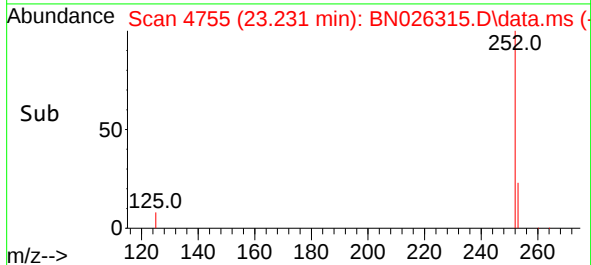
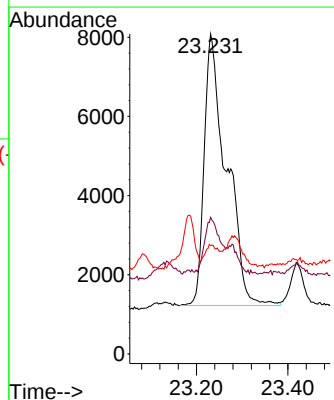
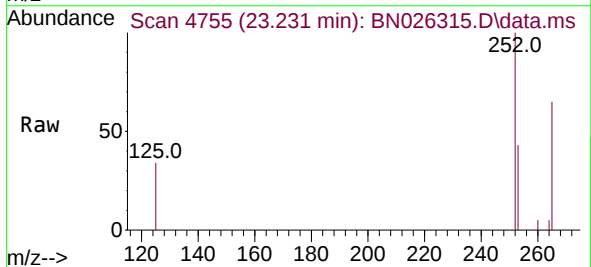


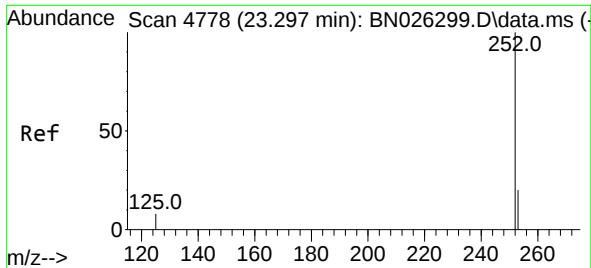
Tgt Ion:228 Resp: 9620
Ion Ratio Lower Upper
228 100
226 37.6 24.8 37.2#
229 36.0 15.7 23.5#



#24
Benzo(b)fluoranthene
Concen: 318.803 ng/ul
RT: 23.231 min Scan# 4755
Delta R.T. -0.014 min
Lab File: BN026315.D
Acq: 06 Jul 2023 05:11

Tgt Ion:252 Resp: 23132
Ion Ratio Lower Upper
252 100
253 42.7 0.0 55.6
125 33.9 0.0 35.8

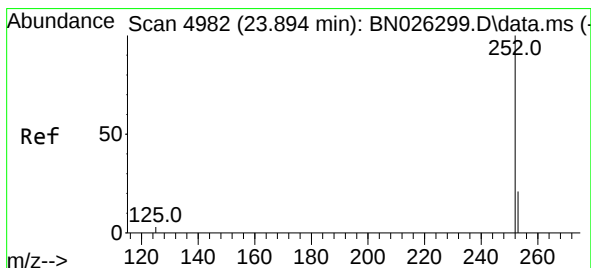
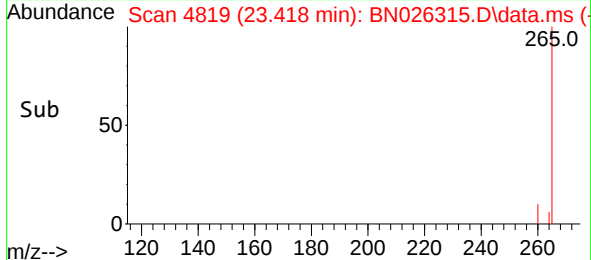
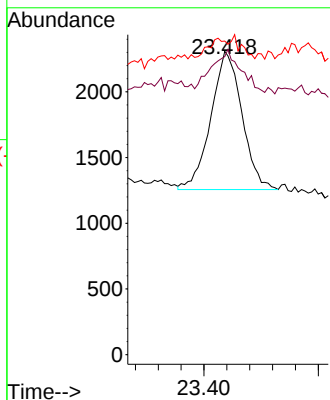
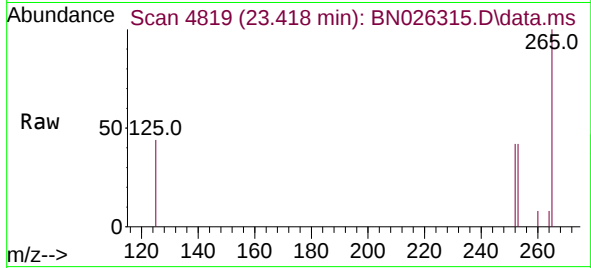




#25
Benzo(k)fluoranthene
Concen: 27.257 ng/ul
RT: 23.418 min Scan# 41
Delta R.T. 0.126 min
Lab File: BN026315.D
Acq: 06 Jul 2023 05:11

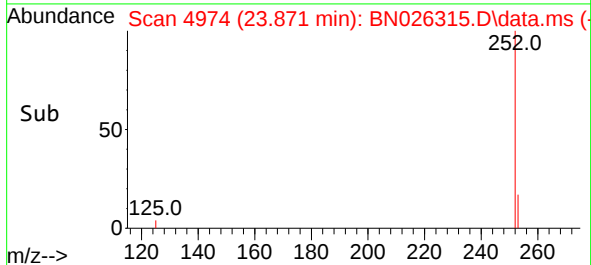
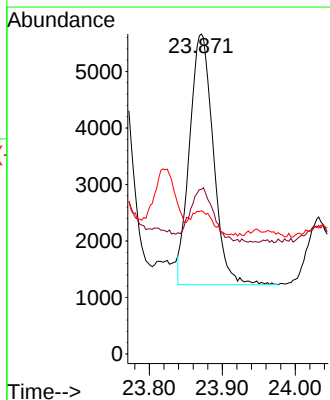
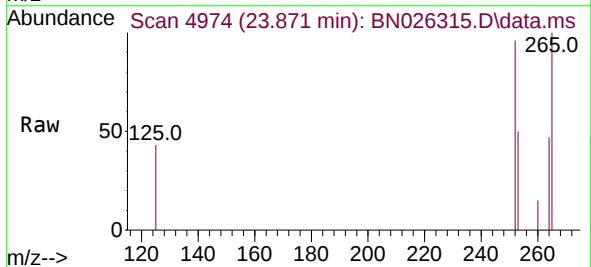
Instrument :
BNA_N
ClientSampleId :
DCGP2DL

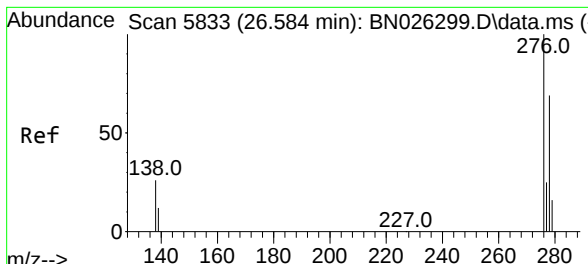
Tgt Ion:252 Resp: 1986
Ion Ratio Lower Upper
252 100
253 98.3 23.2 34.8#
125 103.4 15.0 22.4#



#26
Benzo(a)pyrene
Concen: 158.600 ng/ul
RT: 23.871 min Scan# 4974
Delta R.T. -0.017 min
Lab File: BN026315.D
Acq: 06 Jul 2023 05:11

Tgt Ion:252 Resp: 9995
Ion Ratio Lower Upper
252 100
253 51.4 26.0 39.0#
125 44.7 17.3 25.9#



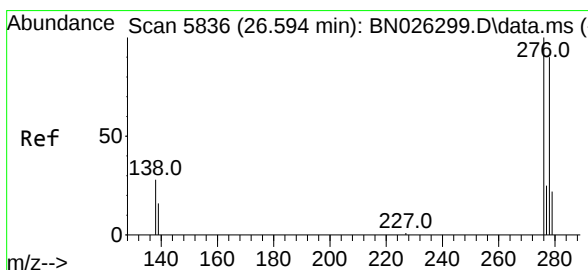
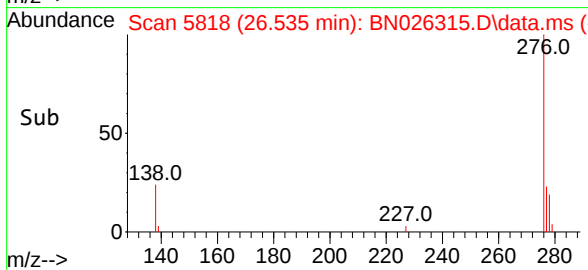
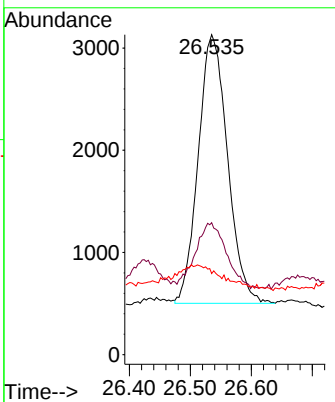
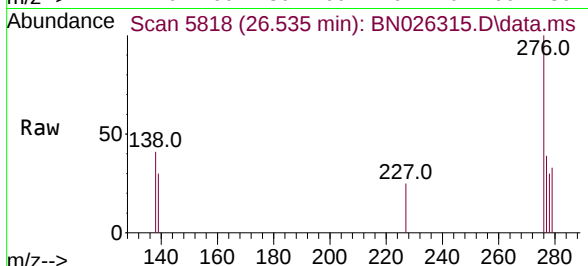


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 127.654 ng/ul
 RT: 26.535 min Scan# 5818
 Delta R.T. -0.047 min
 Lab File: BN026315.D
 Acq: 06 Jul 2023 05:11

Instrument :
 BNA_N
 ClientSampleId :
 DCGP2DL

Tgt Ion:276 Resp: 8787

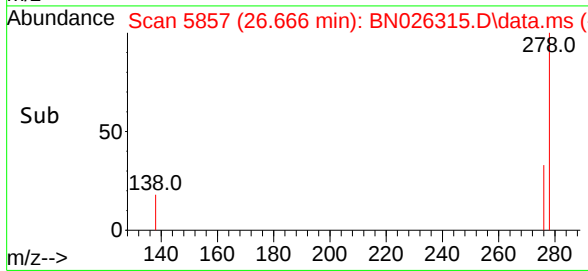
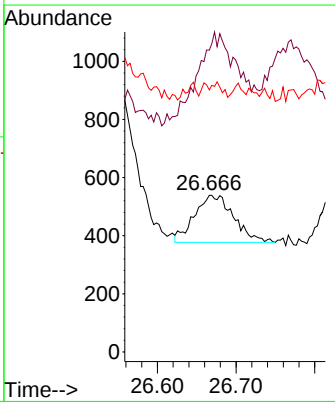
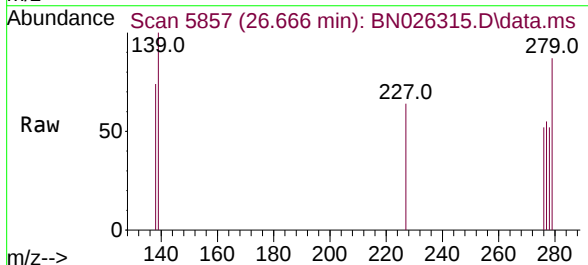
Ion	Ratio	Lower	Upper
276	100		
138	25.8	24.5	36.7
227	0.0	0.0	0.0

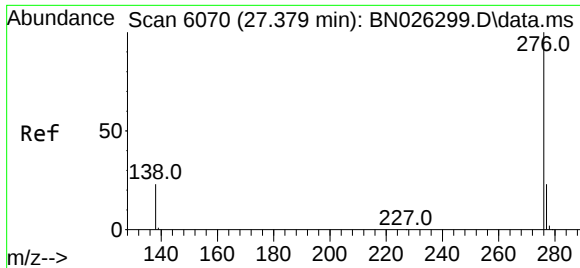


#28
 Dibenzo(a,h)anthracene
 Concen: 10.769 ng/ul
 RT: 26.666 min Scan# 5857
 Delta R.T. 0.071 min
 Lab File: BN026315.D
 Acq: 06 Jul 2023 05:11

Tgt Ion:278 Resp: 561

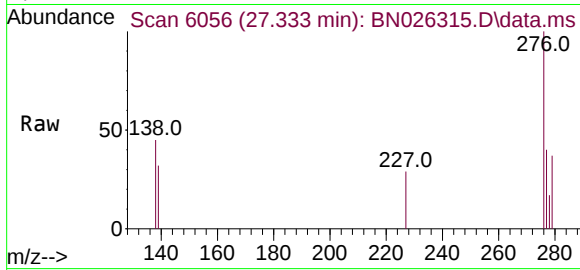
Ion	Ratio	Lower	Upper
278	100		
139	192.6	19.0	28.4#
279	167.3	26.7	40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 125.586 ng/ul
 RT: 27.333 min Scan# 6056
 Delta R.T. -0.047 min
 Lab File: BN026315.D
 Acq: 06 Jul 2023 05:11

Instrument :
 BNA_N
 ClientSampleId :
 DCGP2DL



Tgt Ion:276 Resp: 7690
 Ion Ratio Lower Upper
 276 100
 138 44.7 23.4 35.0#
 277 40.5 20.0 30.0#

