

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026307.D
 Acq On : 06 Jul 2023 00:16
 Operator : MA/JU
 Sample : 03248-11DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGN9DL

Quant Time: Jul 06 01:45:01 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)

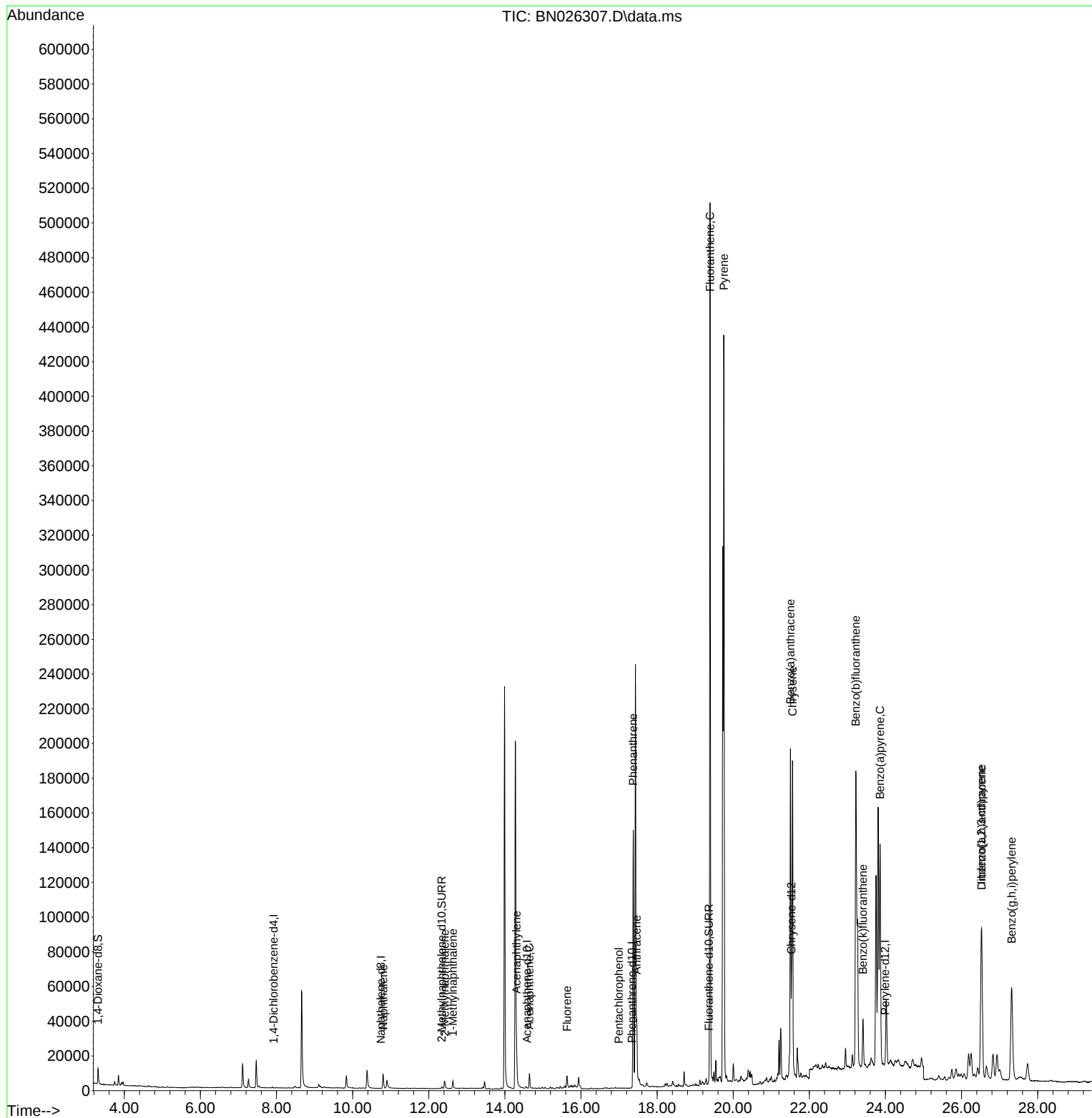
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	12	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.747	136	40	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.584	164	204	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.334	188	219	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.525	240	178	0.400	ng/ul	# 0.00
23) Perylene-d12	23.989	264	79	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	6078	449.756	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.342	152	1580	25.681	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	3240	4.782	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.802	128	13150	114.706	ng/ul	98
7) 2-Methylnaphthalene	12.419	142	3995	54.725	ng/ul	100
8) 1-Methylnaphthalene	12.633	142	3470	45.876	ng/ul	100
10) Acenaphthylene	14.306	152	28194	29.514	ng/ul	99
11) Acenaphthene	14.644	153	5397	6.907	ng/ul	98
12) Fluorene	15.634	166	5117	5.712	ng/ul#	98
14) Pentachlorophenol	16.996	266	35	0.446	ng/ul	92
15) Phenanthrene	17.372	178	166486	230.151	ng/ul	99
16) Anthracene	17.465	178	39118	60.840	ng/ul	98
19) Fluoranthene	19.390	202	450014	473.335	ng/ul	97
20) Pyrene	19.753	202	371465	375.644	ng/ul	97
21) Benzo(a)anthracene	21.505	228	171586	233.671	ng/ul	97
22) Chrysene	21.557	228	202808	265.433	ng/ul	97
24) Benzo(b)fluoranthene	23.220	252	411172	1219.425	ng/ul	89
25) Benzo(k)fluoranthene	23.410	252	33174	97.976	ng/ul	92
26) Benzo(a)pyrene	23.858	252	197325	673.790	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.523	276	159333	498.106	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.530	278	37637	155.465	ng/ul	96
29) Benzo(g,h,i)perylene	27.315	276	128988	453.301	ng/ul	96

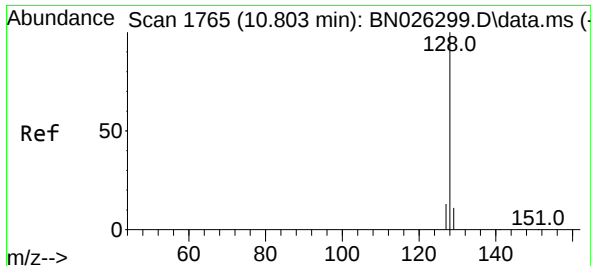
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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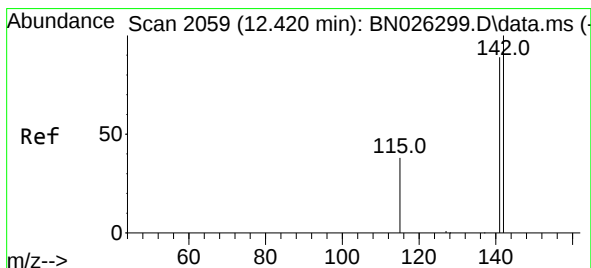
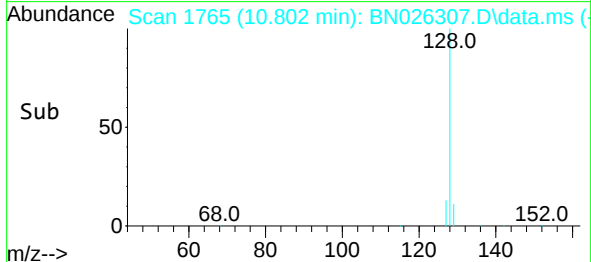
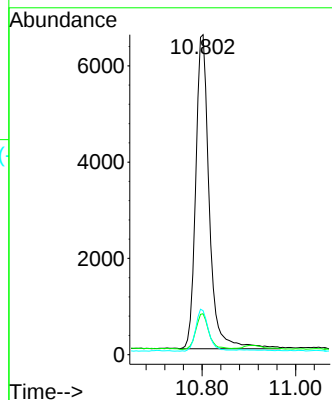
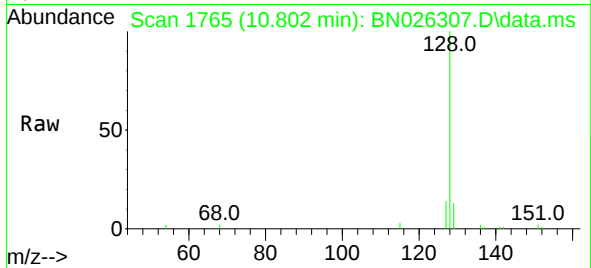




#5
Naphthalene
Concen: 114.706 ng/ul
RT: 10.802 min Scan# 1765
Delta R.T. -0.007 min
Lab File: BN026307.D
Acq: 06 Jul 2023 00:16

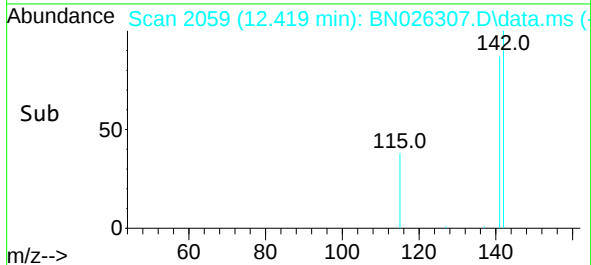
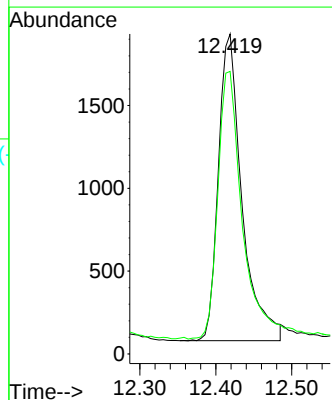
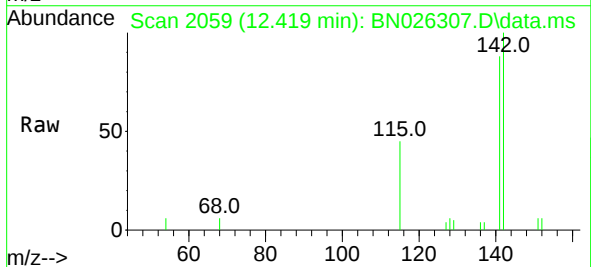
Instrument :
BNA_N
ClientSampleId :
DCGN9DL

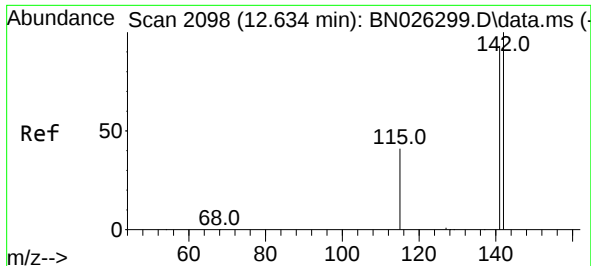
Tgt Ion:128 Resp: 13150
Ion Ratio Lower Upper
128 100
129 12.8 9.1 13.7
127 13.7 10.7 16.1



#7
2-Methylnaphthalene
Concen: 54.725 ng/ul
RT: 12.419 min Scan# 2059
Delta R.T. -0.001 min
Lab File: BN026307.D
Acq: 06 Jul 2023 00:16

Tgt Ion:142 Resp: 3995
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9

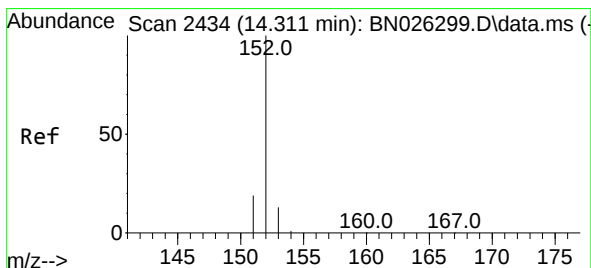
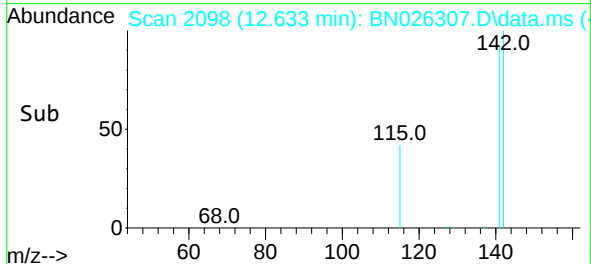
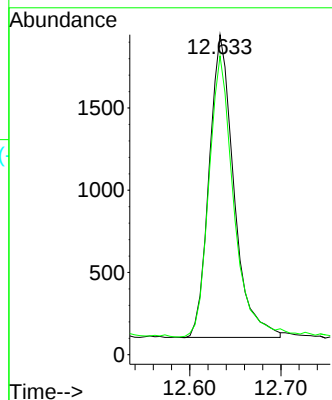
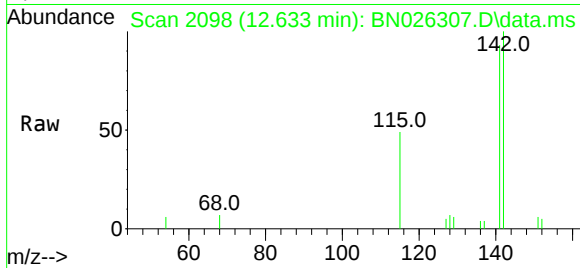




#8
1-Methylnaphthalene
Concen: 45.876 ng/ul
RT: 12.633 min Scan# 2098
Delta R.T. -0.007 min
Lab File: BN026307.D
Acq: 06 Jul 2023 00:16

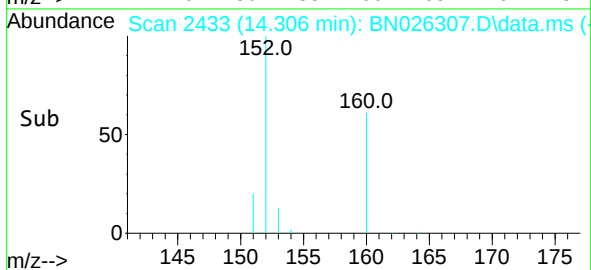
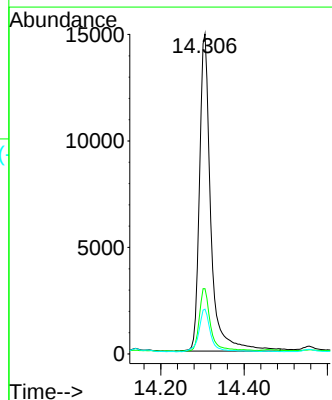
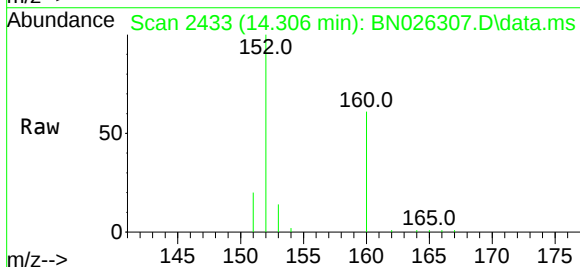
Instrument :
BNA_N
ClientSampleId :
DCGN9DL

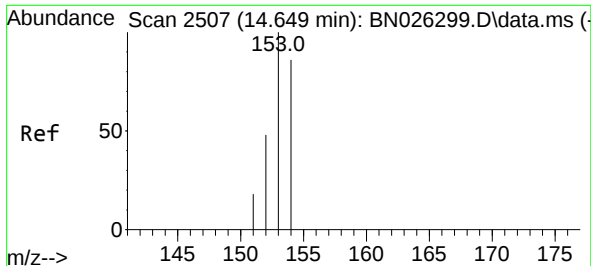
Tgt Ion:142 Resp: 3470
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4



#10
Acenaphthylene
Concen: 29.514 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BN026307.D
Acq: 06 Jul 2023 00:16

Tgt Ion:152 Resp: 28194
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.0 10.9 16.3

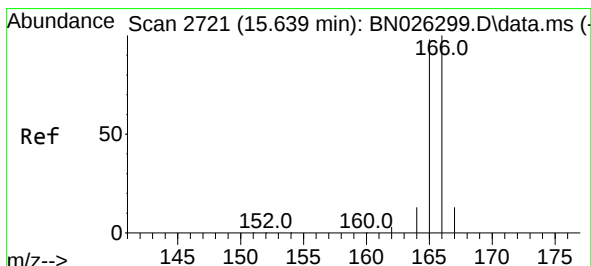
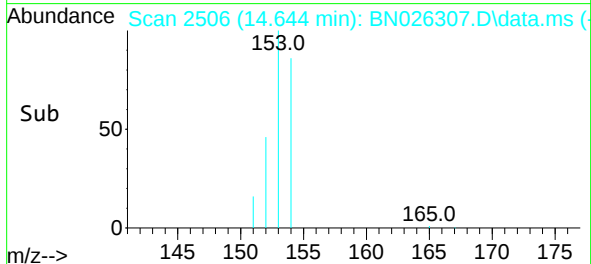
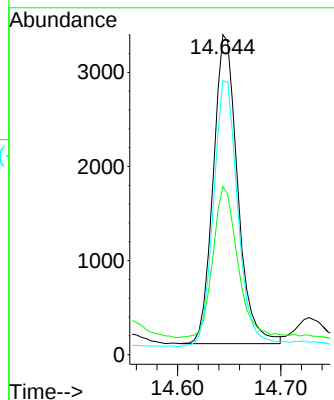
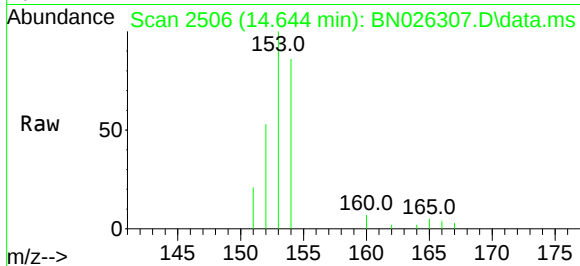




#11
Acenaphthene
Concen: 6.907 ng/u1
RT: 14.644 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN026307.D
Acq: 06 Jul 2023 00:16

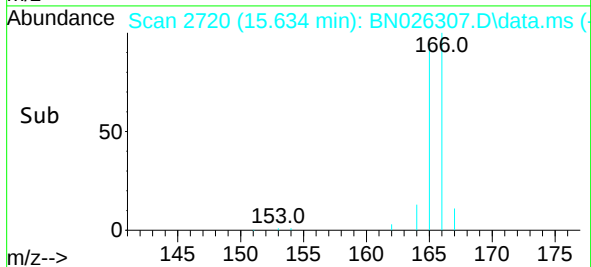
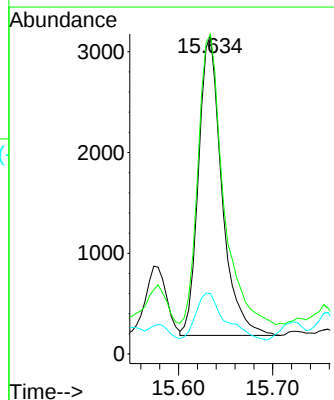
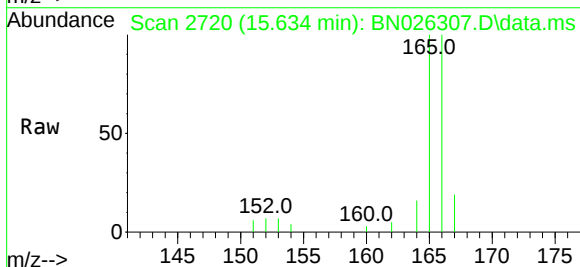
Instrument :
BNA_N
ClientSampleId :
DCGN9DL

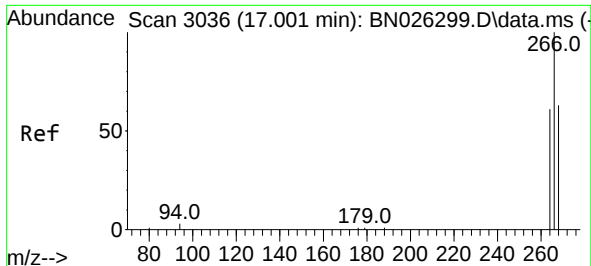
Tgt Ion:153 Resp: 5397
Ion Ratio Lower Upper
153 100
152 52.5 39.4 59.0
154 85.7 68.9 103.3



#12
Fluorene
Concen: 5.712 ng/u1
RT: 15.634 min Scan# 2720
Delta R.T. -0.010 min
Lab File: BN026307.D
Acq: 06 Jul 2023 00:16

Tgt Ion:166 Resp: 5117
Ion Ratio Lower Upper
166 100
165 100.4 79.9 119.9
167 19.0 10.8 16.2#

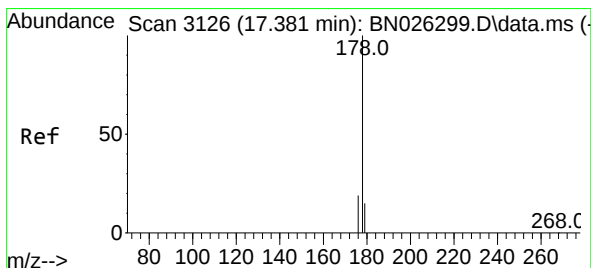
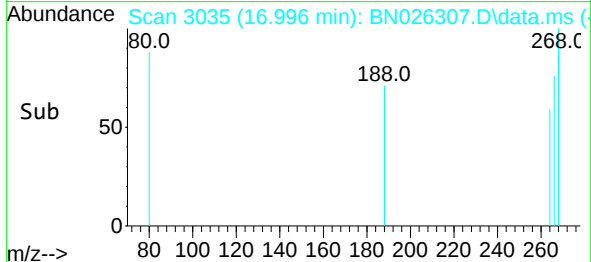
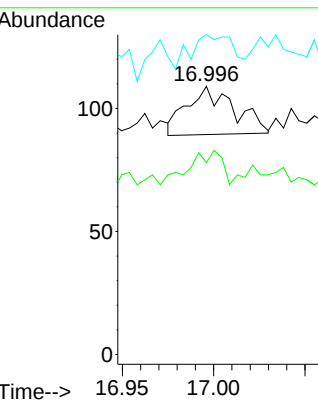
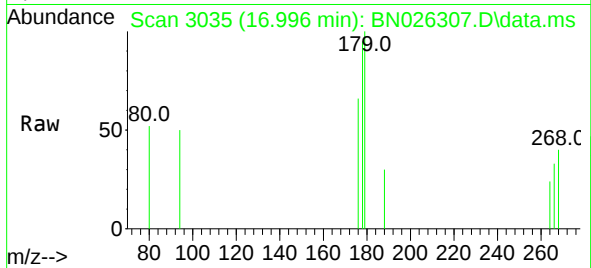




#14
 Pentachlorophenol
 Concen: 0.446 ng/ul
 RT: 16.996 min Scan# 3035
 Delta R.T. -0.010 min
 Lab File: BN026307.D
 Acq: 06 Jul 2023 00:16

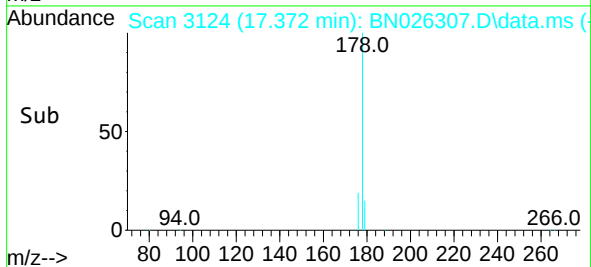
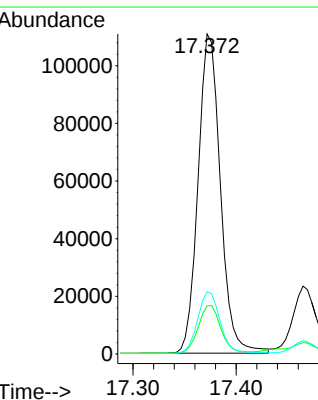
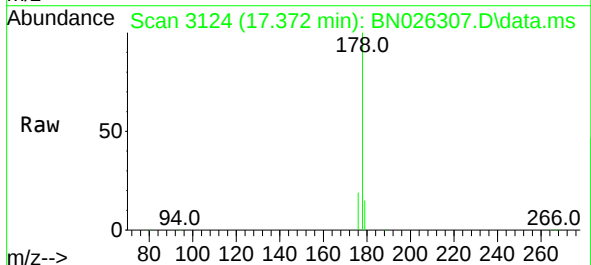
Instrument :
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 ClientSampleId :
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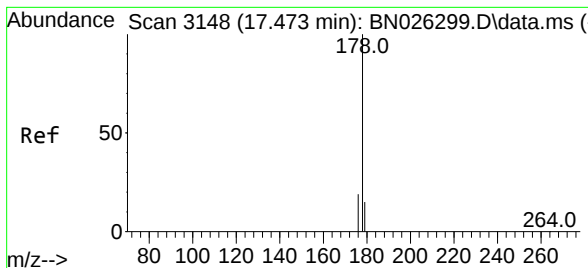
Tgt Ion:266 Resp: 35
 Ion Ratio Lower Upper
 266 100
 264 74.3 50.5 75.7
 268 62.9 51.6 77.4



#15
 Phenanthrene
 Concen: 230.151 ng/ul
 RT: 17.372 min Scan# 3124
 Delta R.T. -0.014 min
 Lab File: BN026307.D
 Acq: 06 Jul 2023 00:16

Tgt Ion:178 Resp: 166486
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.6 19.0
 176 19.5 15.8 23.6





#16

Anthracene

Concen: 60.840 ng/ul

RT: 17.465 min Scan# 3148

Delta R.T. -0.014 min

Lab File: BN026307.D

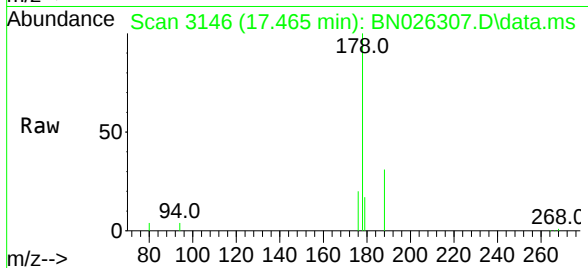
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Instrument :

BNA_N

ClientSampleId :

DCGN9DL



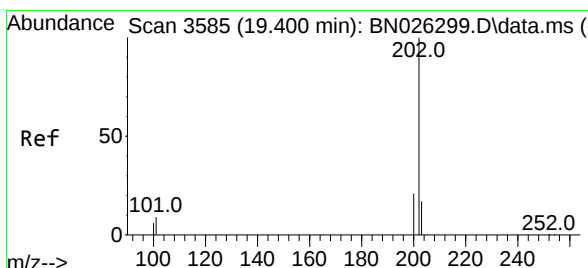
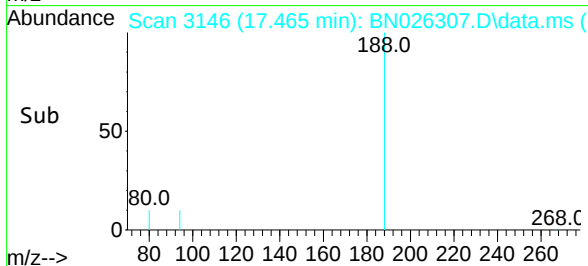
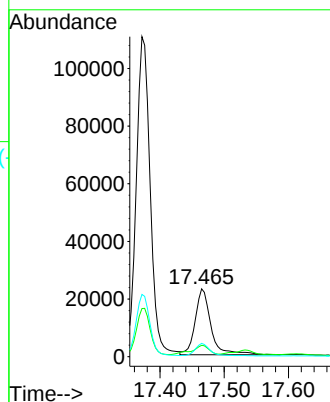
Tgt Ion:178 Resp: 39118

Ion Ratio Lower Upper

178 100

179 16.7 12.6 18.8

176 19.6 15.1 22.7



#19

Fluoranthene

Concen: 473.335 ng/ul

RT: 19.390 min Scan# 3583

Delta R.T. -0.011 min

Lab File: BN026307.D

Acq: 06 Jul 2023 00:16

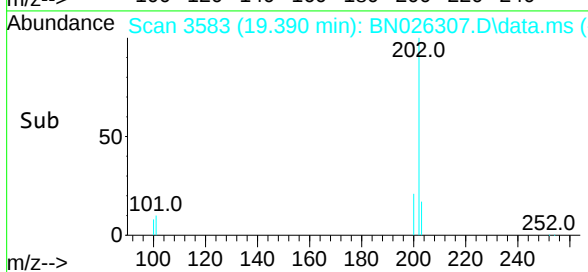
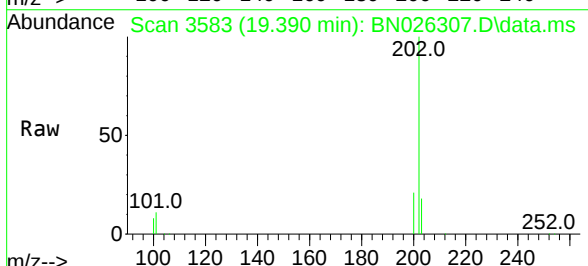
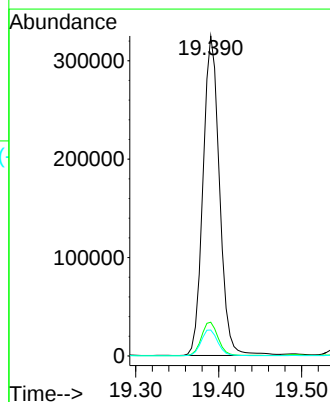
Tgt Ion:202 Resp: 450014

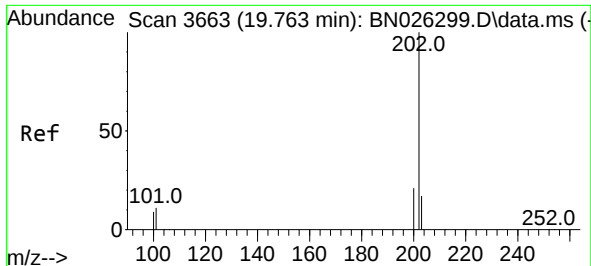
Ion Ratio Lower Upper

202 100

101 10.5 9.5 14.3

100 8.1 7.3 10.9

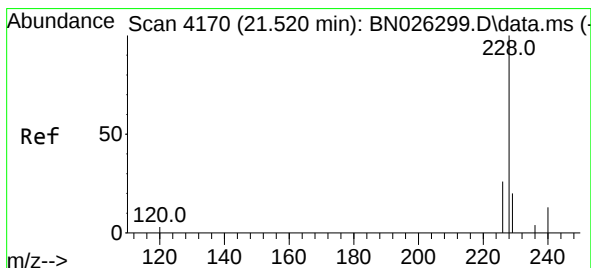
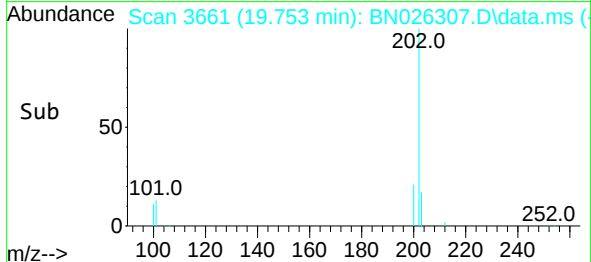
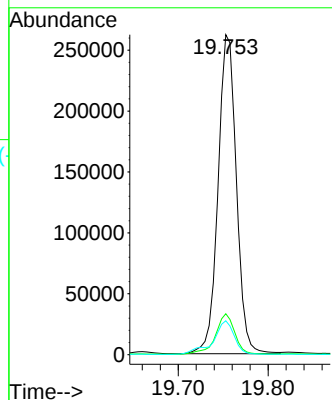
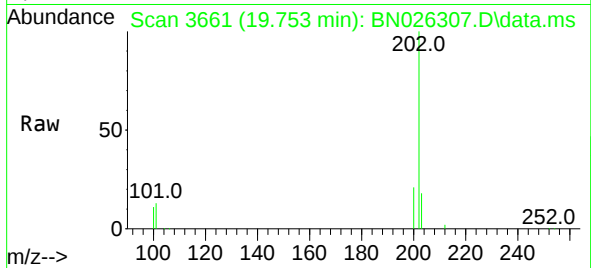




#20
Pyrene
Concen: 375.644 ng/ul
RT: 19.753 min Scan# 3661
Delta R.T. -0.011 min
Lab File: BN026307.D
Acq: 06 Jul 2023 00:16

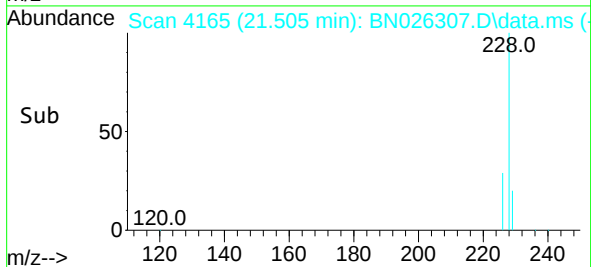
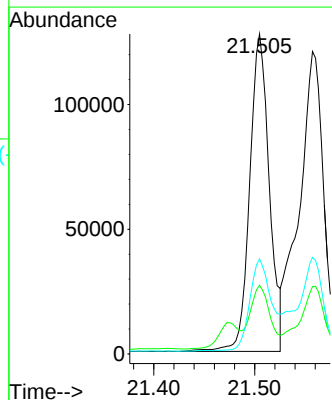
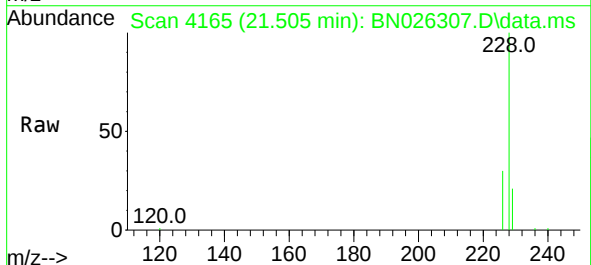
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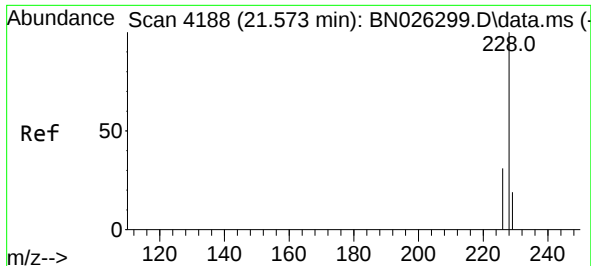
Tgt Ion:202 Resp: 371465
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.6 9.1 13.7



#21
Benzo(a)anthracene
Concen: 233.671 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. -0.010 min
Lab File: BN026307.D
Acq: 06 Jul 2023 00:16

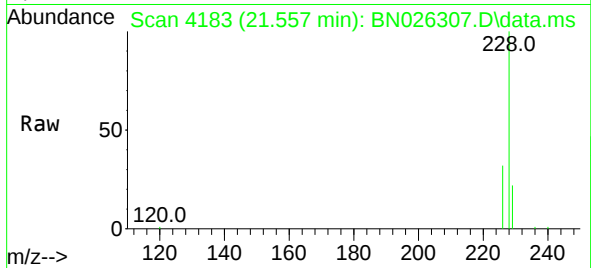
Tgt Ion:228 Resp: 171586
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 29.7 22.5 33.7



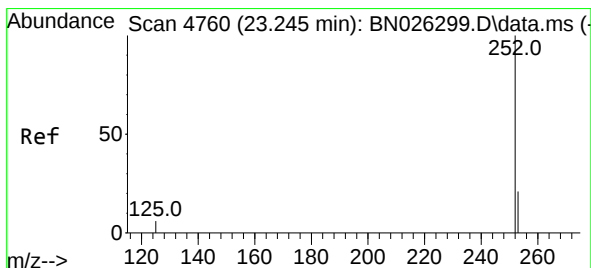
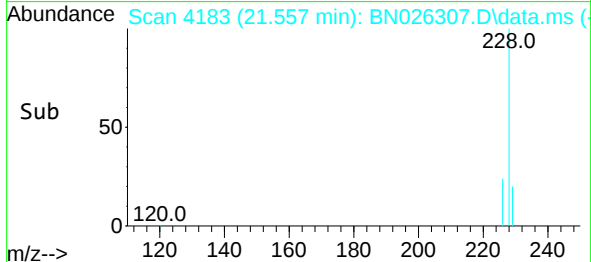
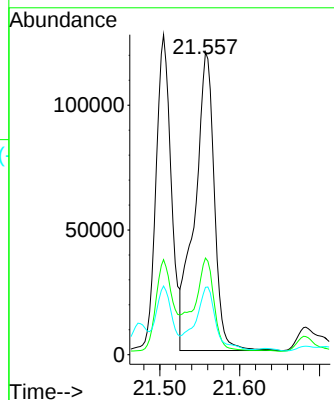


#22
Chrysene
Concen: 265.433 ng/ul
RT: 21.557 min Scan# 4183
Delta R.T. -0.013 min
Lab File: BN026307.D
Acq: 06 Jul 2023 00:16

Instrument :
BNA_N
ClientSampleId :
DCGN9DL

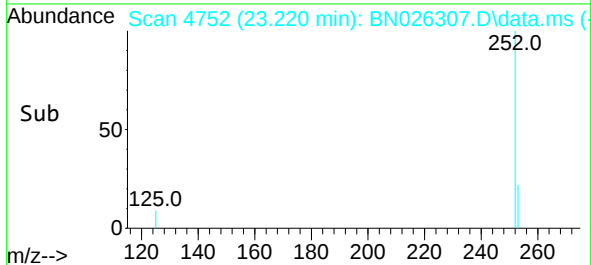
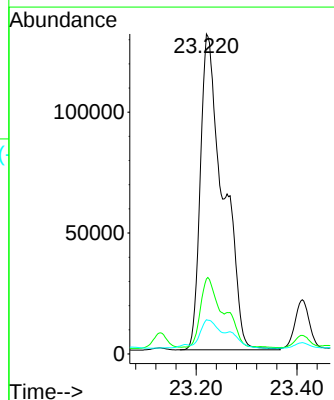
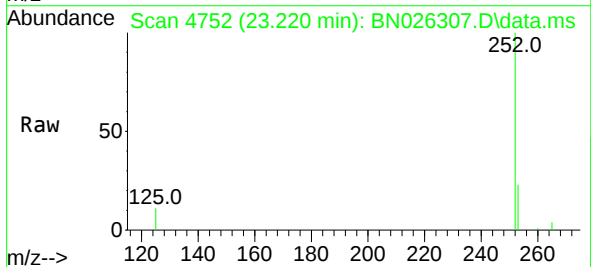


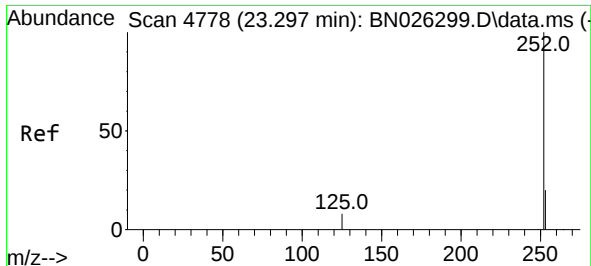
Tgt Ion:228 Resp: 202808
Ion Ratio Lower Upper
228 100
226 31.9 24.8 37.2
229 22.3 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 1219.425 ng/ul
RT: 23.220 min Scan# 4752
Delta R.T. -0.025 min
Lab File: BN026307.D
Acq: 06 Jul 2023 00:16

Tgt Ion:252 Resp: 411172
Ion Ratio Lower Upper
252 100
253 23.4 0.0 55.6
125 10.7 0.0 35.8

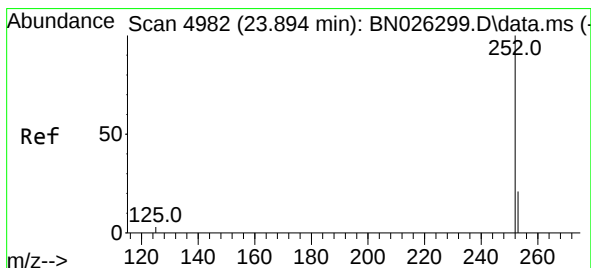
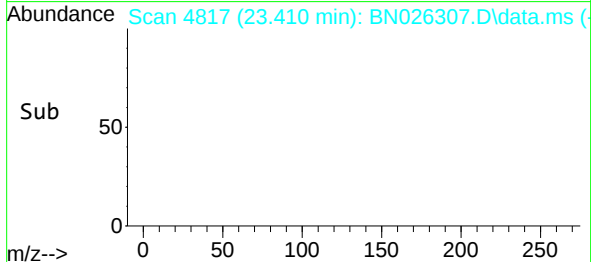
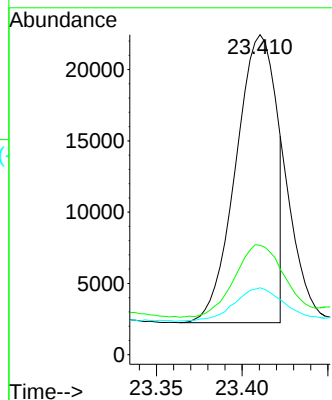
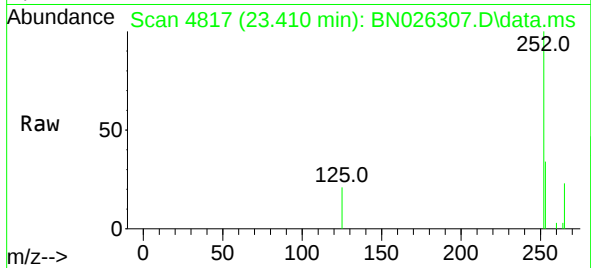




#25
Benzo(k)fluoranthene
Concen: 97.976 ng/u1
RT: 23.410 min Scan# 41
Delta R.T. 0.118 min
Lab File: BN026307.D
Acq: 06 Jul 2023 00:16

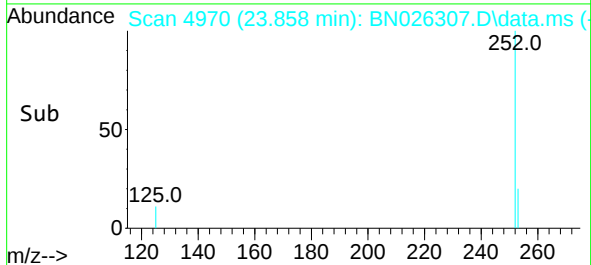
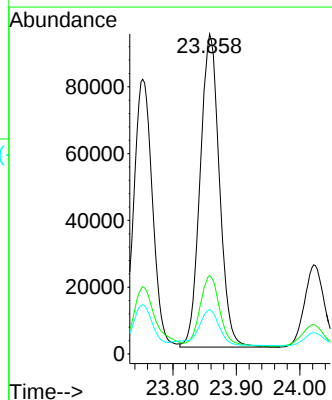
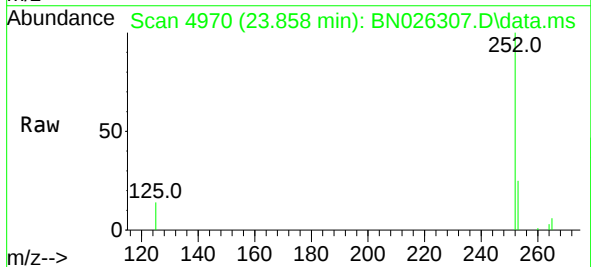
Instrument :
BNA_N
ClientSampleId :
DCGN9DL

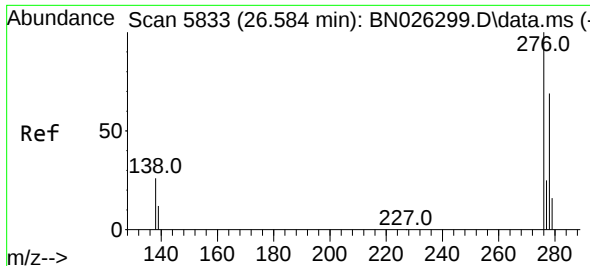
Tgt Ion:252 Resp: 33174
Ion Ratio Lower Upper
252 100
253 34.2 23.2 34.8
125 20.9 15.0 22.4



#26
Benzo(a)pyrene
Concen: 673.790 ng/u1
RT: 23.858 min Scan# 4970
Delta R.T. -0.031 min
Lab File: BN026307.D
Acq: 06 Jul 2023 00:16

Tgt Ion:252 Resp: 197325
Ion Ratio Lower Upper
252 100
253 24.5 26.0 39.0#
125 13.8 17.3 25.9#

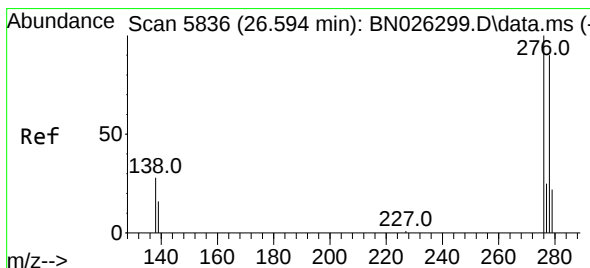
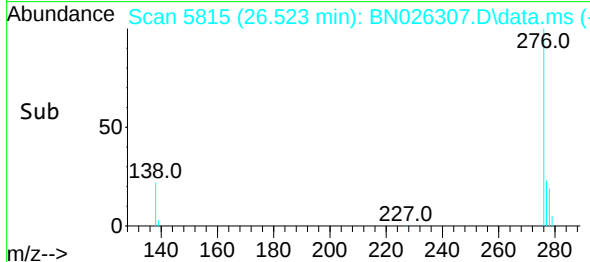
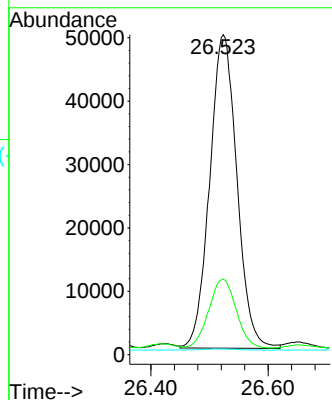
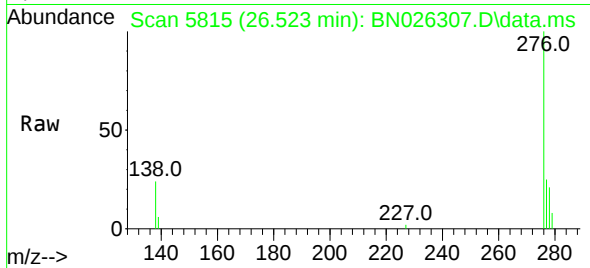




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 498.106 ng/ul
 RT: 26.523 min Scan# 5815
 Delta R.T. -0.059 min
 Lab File: BN026307.D
 Acq: 06 Jul 2023 00:16

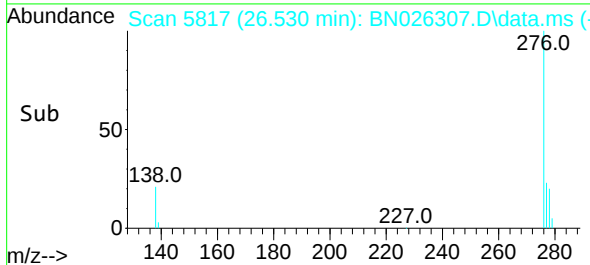
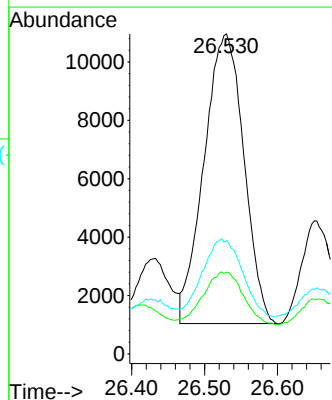
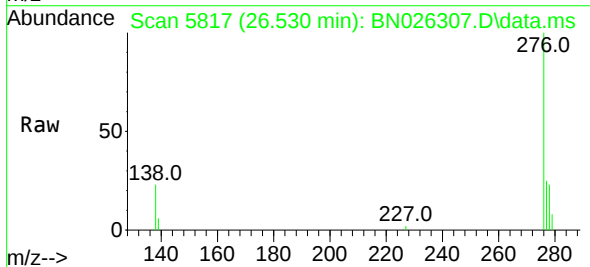
Instrument :
 BNA_N
 ClientSampleId :
 DCGN9DL

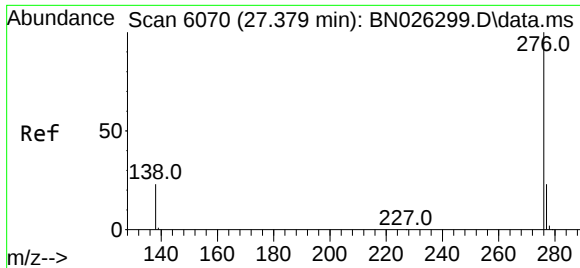
Tgt Ion:276 Resp: 159333
 Ion Ratio Lower Upper
 276 100
 138 22.2 24.5 36.7#
 227 0.5 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 155.465 ng/ul
 RT: 26.530 min Scan# 5817
 Delta R.T. -0.065 min
 Lab File: BN026307.D
 Acq: 06 Jul 2023 00:16

Tgt Ion:278 Resp: 37637
 Ion Ratio Lower Upper
 278 100
 139 25.5 19.0 28.4
 279 35.4 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 453.301 ng/ul
 RT: 27.315 min Scan# 60
 Delta R.T. -0.065 min
 Lab File: BN026307.D
 Acq: 06 Jul 2023 00:16

Instrument :
 BNA_N
 ClientSampleId :
 DCGN9DL

Tgt Ion:276 Resp: 128988
 Ion Ratio Lower Upper
 276 100
 138 25.1 23.4 35.0
 277 25.3 20.0 30.0

