

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026313.D
 Acq On : 06 Jul 2023 03:57
 Operator : MA/JU
 Sample : 03248-17DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGP5DL

Quant Time: Jul 06 04:34:11 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)

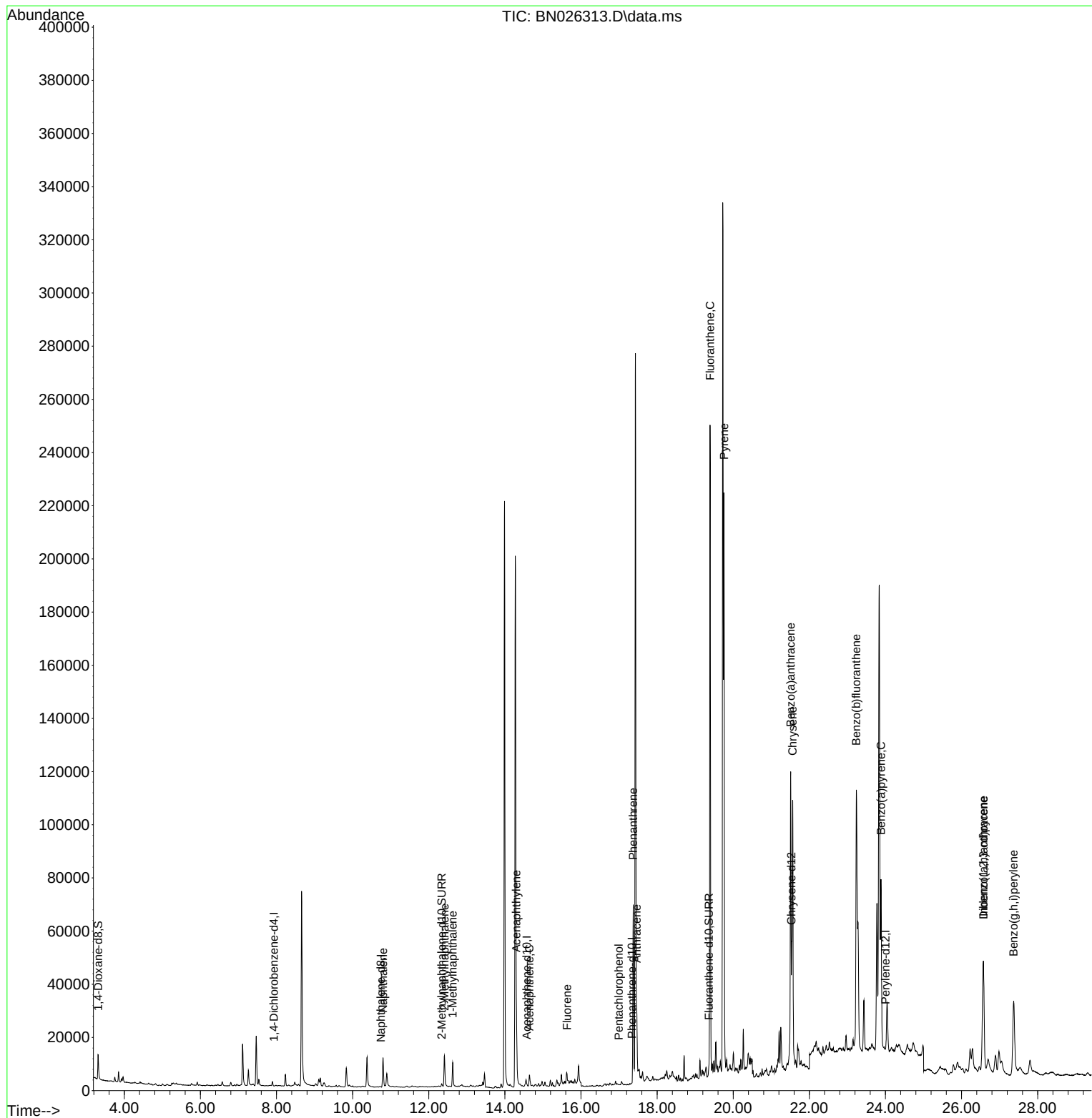
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	9	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.747	136	46	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.579	164	339	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.334	188	227	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.531	240	346	0.400	ng/ul	# 0.00
23) Perylene-d12	24.001	264	95	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	6861	676.928	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.342	152	1712	24.197	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	3712	2.819	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.796	128	16643	126.239	ng/ul	98
7) 2-Methylnaphthalene	12.413	142	9852	117.353	ng/ul	99
8) 1-Methylnaphthalene	12.628	142	6780	77.946	ng/ul	100
10) Acenaphthylene	14.301	152	29383	18.510	ng/ul	98
11) Acenaphthene	14.644	153	2707	2.085	ng/ul	96
12) Fluorene	15.634	166	3042	2.043	ng/ul#	90
14) Pentachlorophenol	16.992	266	26	0.320	ng/ul#	75
15) Phenanthrene	17.372	178	74528	99.397	ng/ul	99
16) Anthracene	17.465	178	25850	38.788	ng/ul	96
19) Fluoranthene	19.390	202	216404	117.099	ng/ul	98
20) Pyrene	19.758	202	183588	95.509	ng/ul	94
21) Benzo(a)anthracene	21.510	228	97324	68.185	ng/ul#	93
22) Chrysene	21.560	228	116567	78.486	ng/ul#	93
24) Benzo(b)fluoranthene	23.235	252	225443	555.996	ng/ul	94
26) Benzo(a)pyrene	23.884	252	91203	258.973	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.573	276	75628	196.609	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.577	278	19379	66.566	ng/ul#	78
29) Benzo(g,h,i)perylene	27.368	276	65078	190.185	ng/ul	95

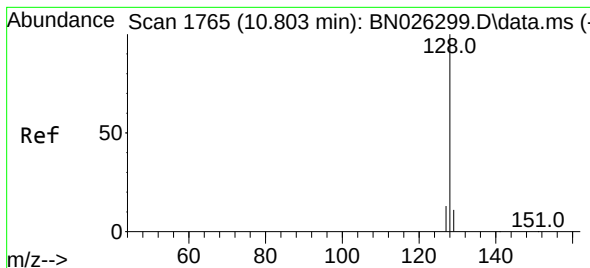
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 126.239 ng/ul

RT: 10.796 min Scan# 1764

Delta R.T. -0.012 min

Lab File: BN026313.D

Acq: 06 Jul 2023 03:57

Instrument :

BNA_N

ClientSampleId :

DCGP5DL

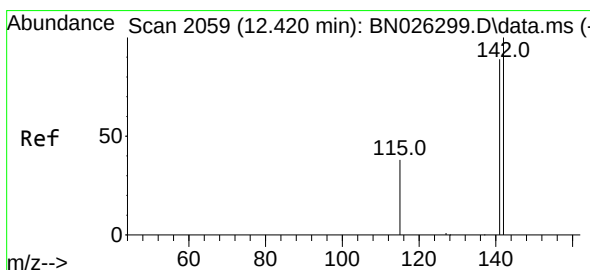
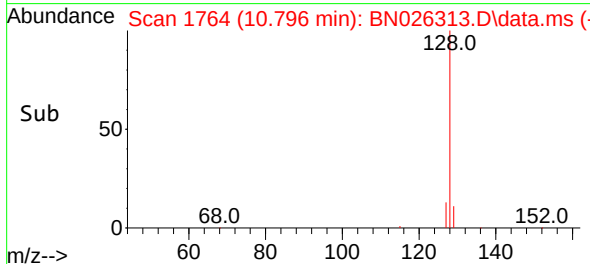
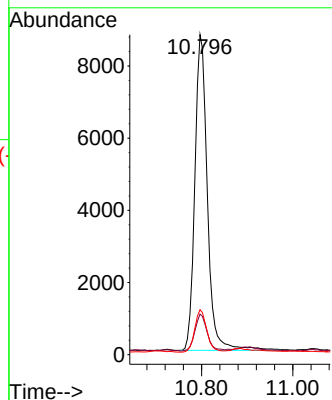
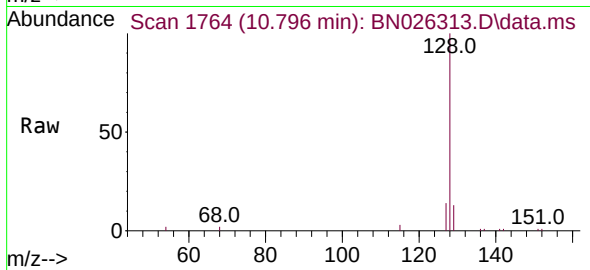
Tgt Ion:128 Resp: 16643

Ion Ratio Lower Upper

128 100

129 12.7 9.1 13.7

127 14.1 10.7 16.1



#7

2-Methylnaphthalene

Concen: 117.353 ng/ul

RT: 12.413 min Scan# 2058

Delta R.T. -0.007 min

Lab File: BN026313.D

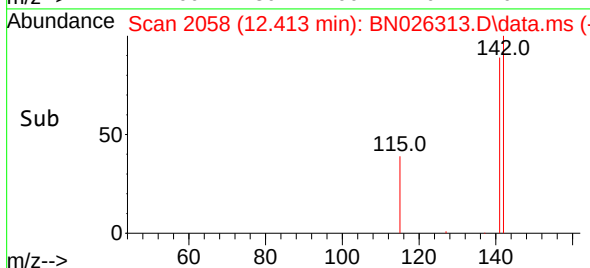
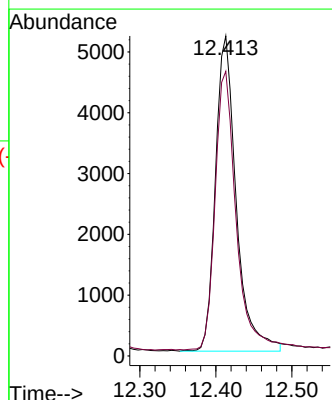
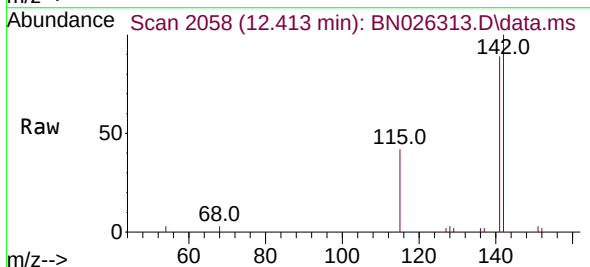
Acq: 06 Jul 2023 03:57

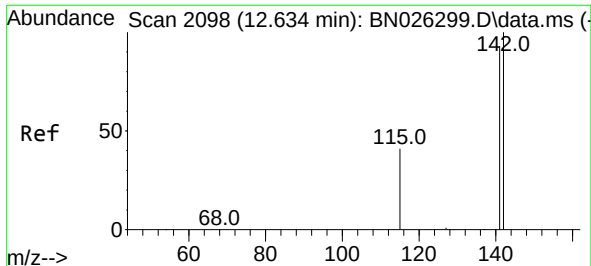
Tgt Ion:142 Resp: 9852

Ion Ratio Lower Upper

142 100

141 88.7 71.9 107.9

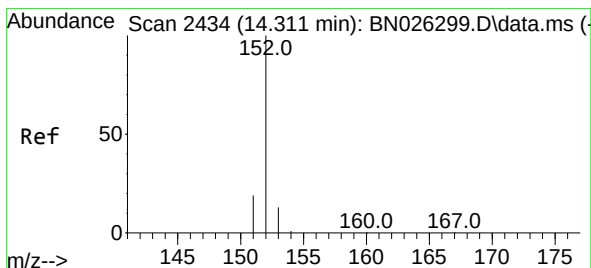
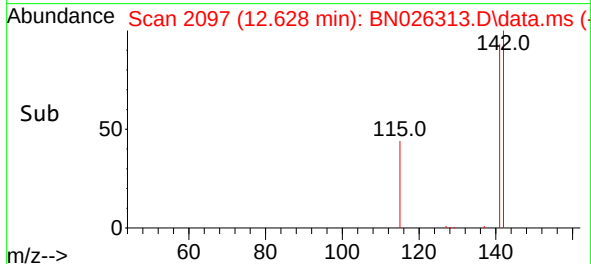
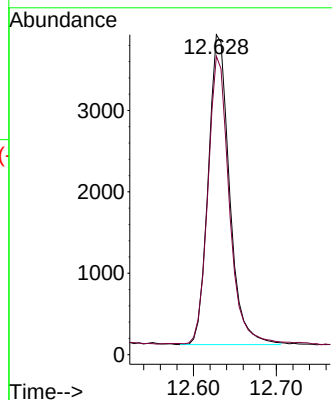
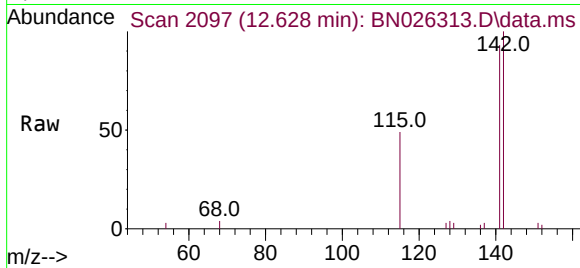




#8
1-Methylnaphthalene
Concen: 77.946 ng/ul
RT: 12.628 min Scan# 2097
Delta R.T. -0.012 min
Lab File: BN026313.D
Acq: 06 Jul 2023 03:57

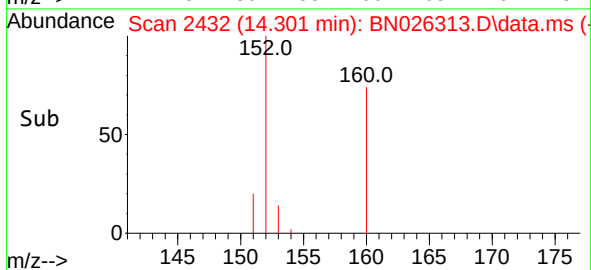
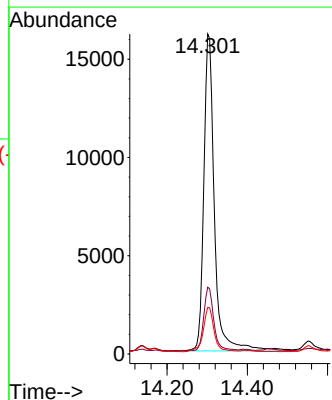
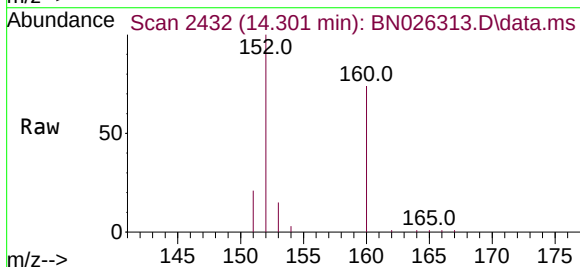
Instrument :
BNA_N
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DCGP5DL

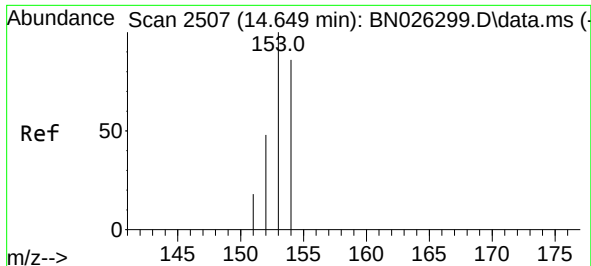
Tgt Ion:142 Resp: 6780
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4



#10
Acenaphthylene
Concen: 18.510 ng/ul
RT: 14.301 min Scan# 2432
Delta R.T. -0.011 min
Lab File: BN026313.D
Acq: 06 Jul 2023 03:57

Tgt Ion:152 Resp: 29383
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 14.5 10.9 16.3

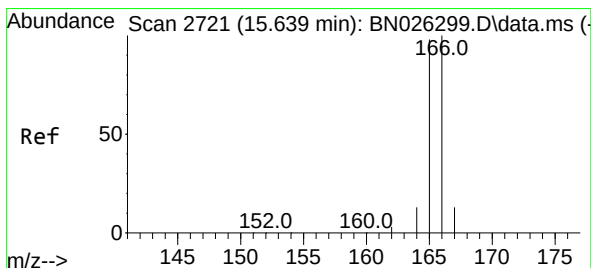
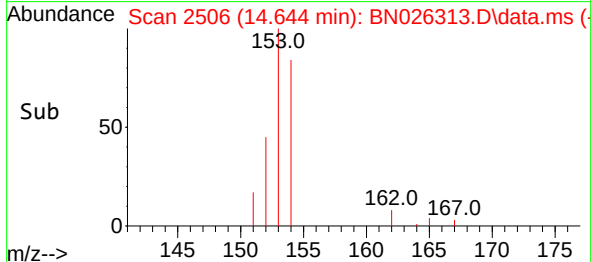
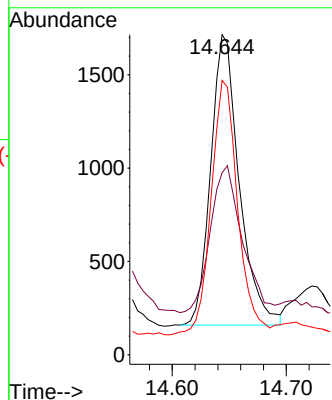
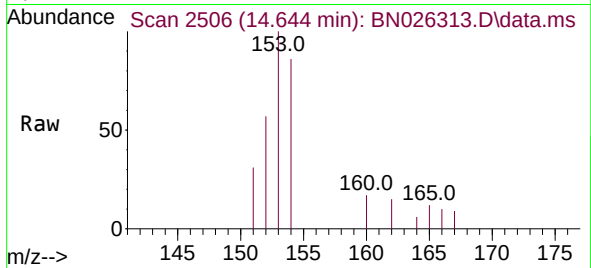




#11
Acenaphthene
Concen: 2.085 ng/ul
RT: 14.644 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN026313.D
Acq: 06 Jul 2023 03:57

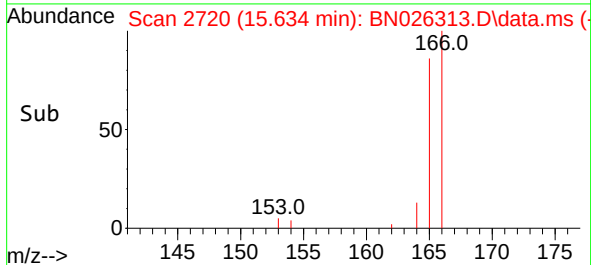
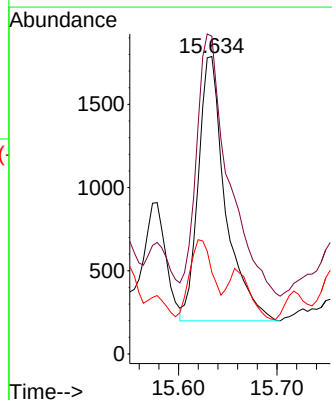
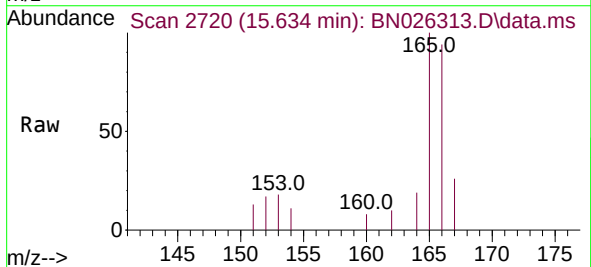
Instrument :
BNA_N
ClientSampleId :
DCGP5DL

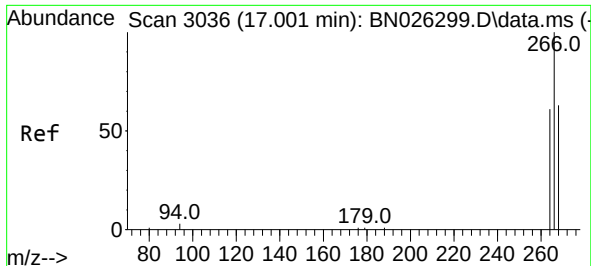
Tgt Ion:153 Resp: 2707
Ion Ratio Lower Upper
153 100
152 56.9 39.4 59.0
154 85.7 68.9 103.3



#12
Fluorene
Concen: 2.043 ng/ul
RT: 15.634 min Scan# 2720
Delta R.T. -0.011 min
Lab File: BN026313.D
Acq: 06 Jul 2023 03:57

Tgt Ion:166 Resp: 3042
Ion Ratio Lower Upper
166 100
165 106.9 79.9 119.9
167 27.4 10.8 16.2#

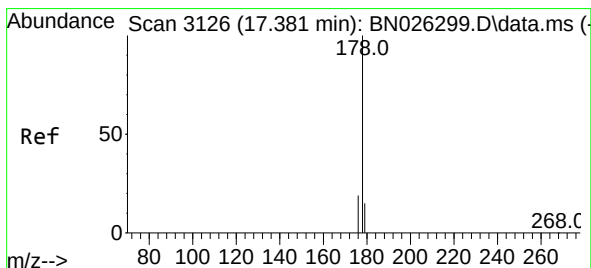
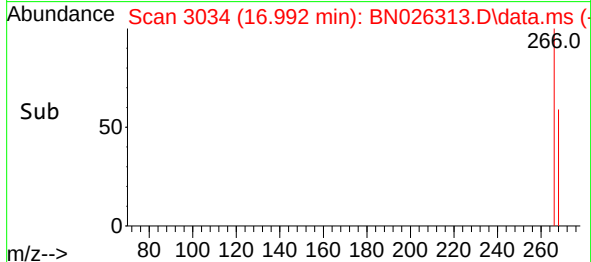
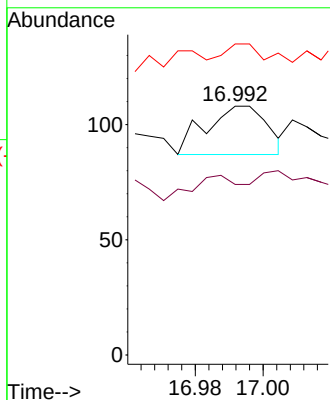
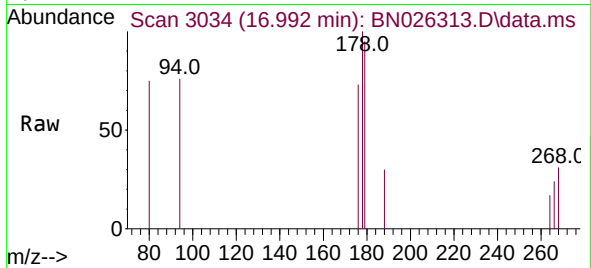




#14
 Pentachlorophenol
 Concen: 0.320 ng/ul
 RT: 16.992 min Scan# 3036
 Delta R.T. -0.014 min
 Lab File: BN026313.D
 Acq: 06 Jul 2023 03:57

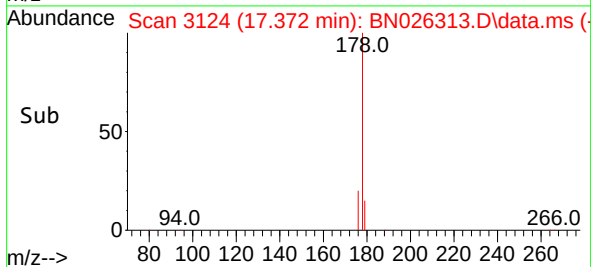
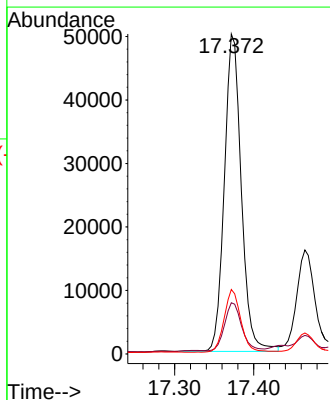
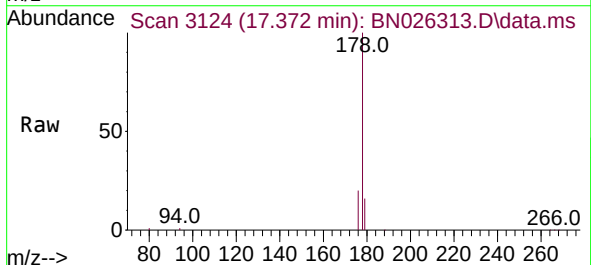
Instrument :
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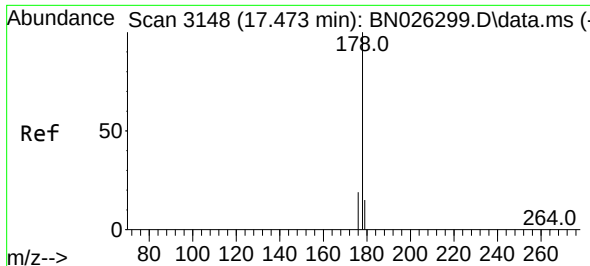
Tgt Ion:266 Resp: 26
 Ion Ratio Lower Upper
 266 100
 264 34.6 50.5 75.7#
 268 53.8 51.6 77.4



#15
 Phenanthrene
 Concen: 99.397 ng/ul
 RT: 17.372 min Scan# 3124
 Delta R.T. -0.014 min
 Lab File: BN026313.D
 Acq: 06 Jul 2023 03:57

Tgt Ion:178 Resp: 74528
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.6 19.0
 176 20.1 15.8 23.6

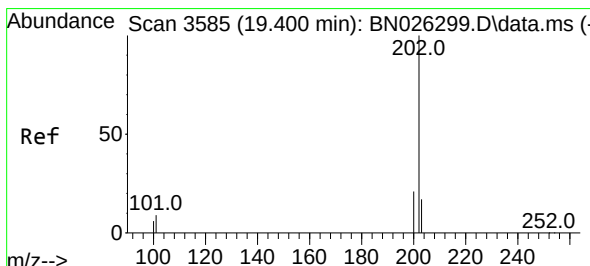
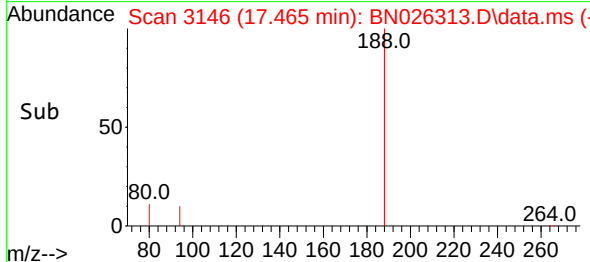
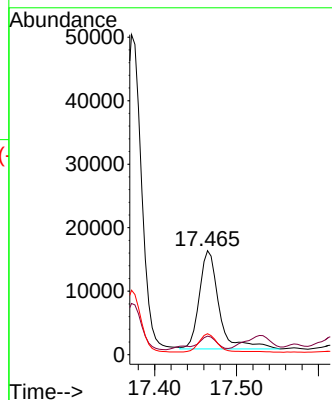
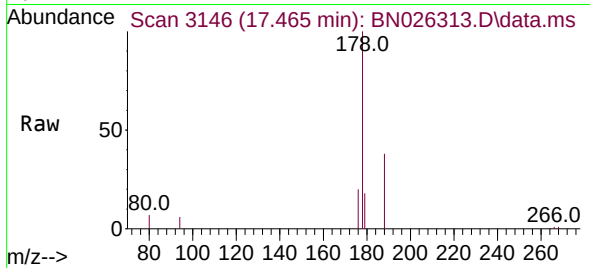




#16
 Anthracene
 Concen: 38.788 ng/ul
 RT: 17.465 min Scan# 3146
 Delta R.T. -0.014 min
 Lab File: BN026313.D
 Acq: 06 Jul 2023 03:57

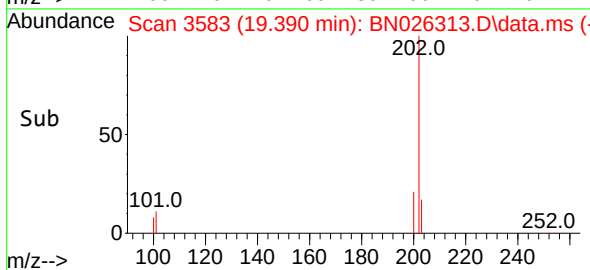
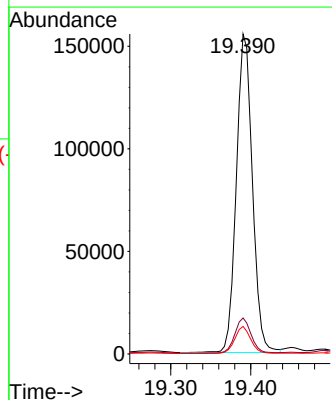
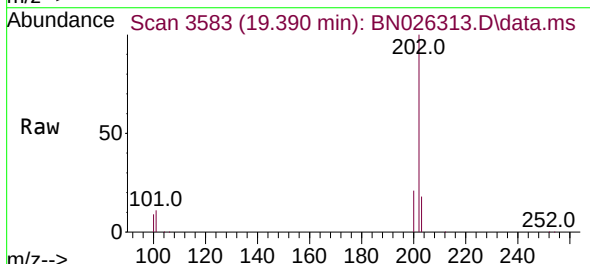
Instrument :
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 ClientSampleId :
 DCGP5DL

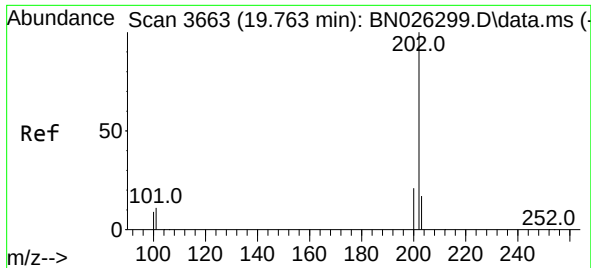
Tgt Ion:178 Resp: 25850
 Ion Ratio Lower Upper
 178 100
 179 17.8 12.6 18.8
 176 20.2 15.1 22.7



#19
 Fluoranthene
 Concen: 117.099 ng/ul
 RT: 19.390 min Scan# 3583
 Delta R.T. -0.011 min
 Lab File: BN026313.D
 Acq: 06 Jul 2023 03:57

Tgt Ion:202 Resp: 216404
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.5 14.3
 100 8.6 7.3 10.9

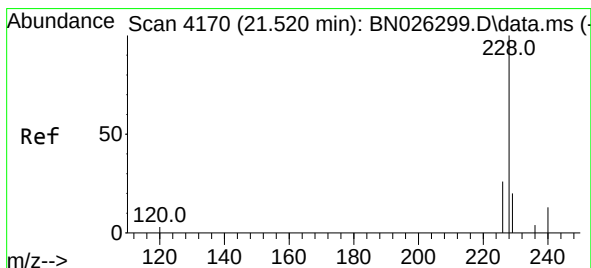
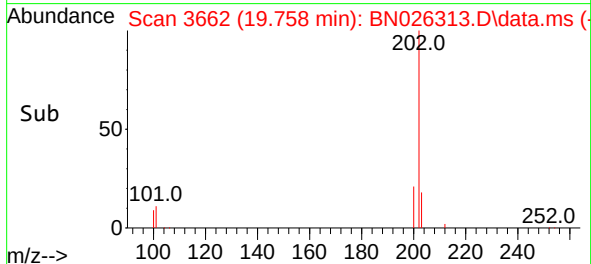
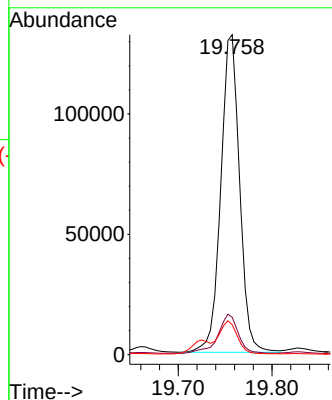
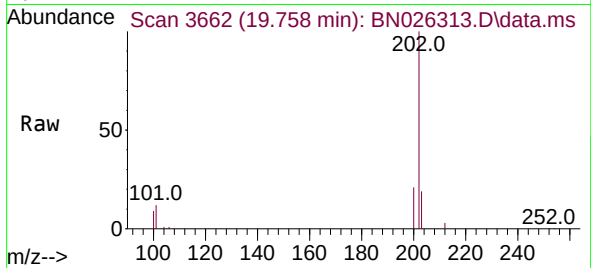




#20
Pyrene
Concen: 95.509 ng/ul
RT: 19.758 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN026313.D
Acq: 06 Jul 2023 03:57

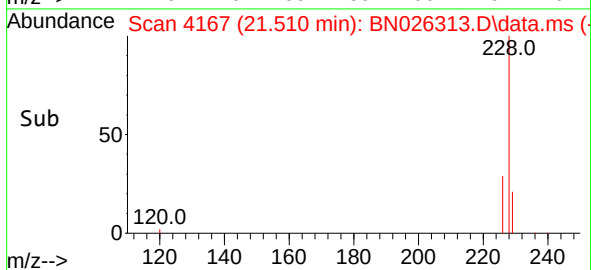
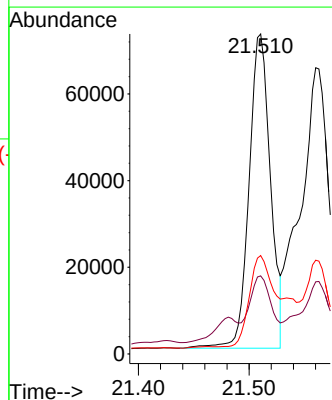
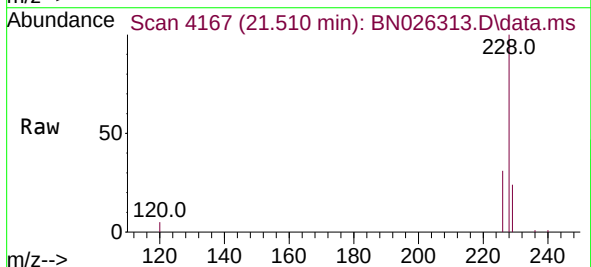
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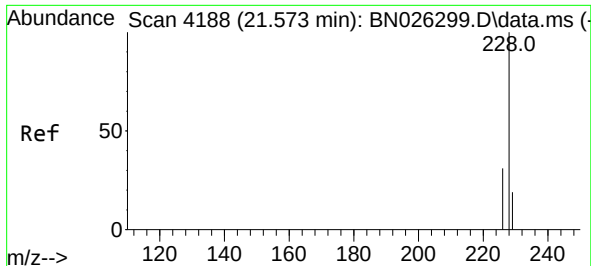
Tgt Ion:202 Resp: 183588
Ion Ratio Lower Upper
202 100
101 11.7 11.4 17.0
100 9.3 9.1 13.7



#21
Benzo(a)anthracene
Concen: 68.185 ng/ul
RT: 21.510 min Scan# 4167
Delta R.T. -0.005 min
Lab File: BN026313.D
Acq: 06 Jul 2023 03:57

Tgt Ion:228 Resp: 97324
Ion Ratio Lower Upper
228 100
229 24.4 15.8 23.6#
226 30.8 22.5 33.7





#22

Chrysene

Concen: 78.486 ng/ul

RT: 21.560 min Scan# 4188

Delta R.T. -0.010 min

Lab File: BN026313.D

Acq: 06 Jul 2023 03:57

Instrument :

BNA_N

ClientSampleId :

DCGP5DL

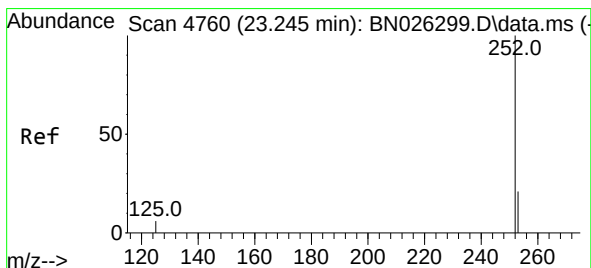
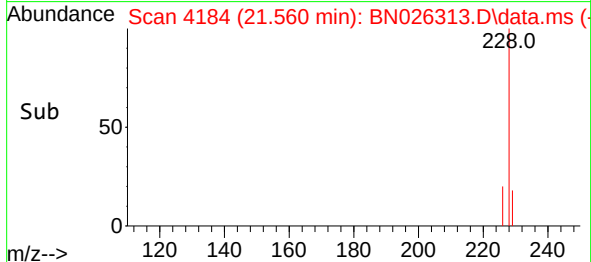
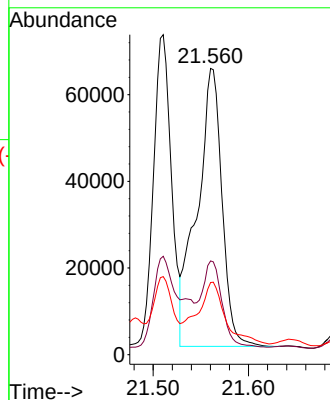
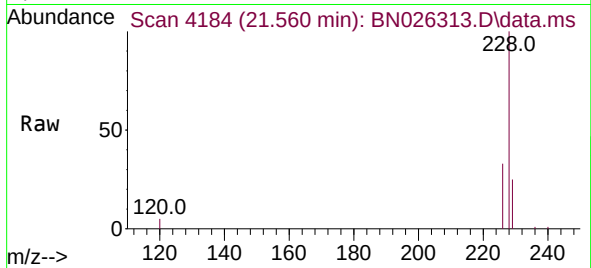
Tgt Ion:228 Resp: 116567

Ion Ratio Lower Upper

228 100

226 32.7 24.8 37.2

229 25.2 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 555.996 ng/ul

RT: 23.235 min Scan# 4757

Delta R.T. -0.010 min

Lab File: BN026313.D

Acq: 06 Jul 2023 03:57

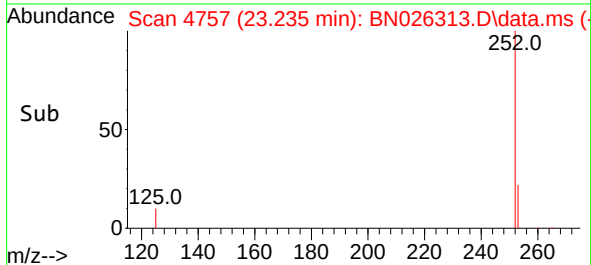
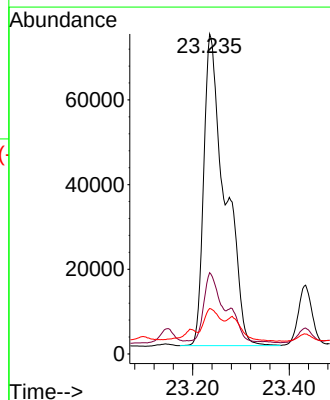
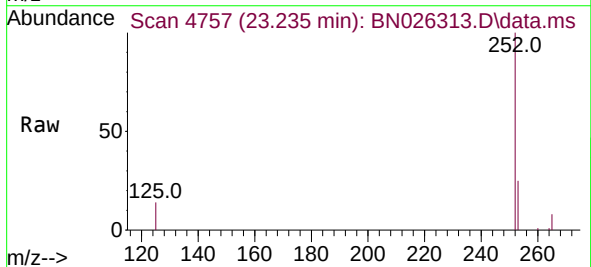
Tgt Ion:252 Resp: 225443

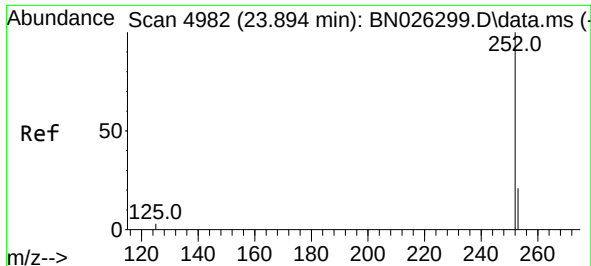
Ion Ratio Lower Upper

252 100

253 25.4 0.0 55.6

125 14.2 0.0 35.8

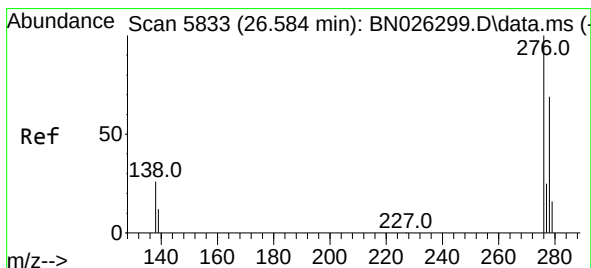
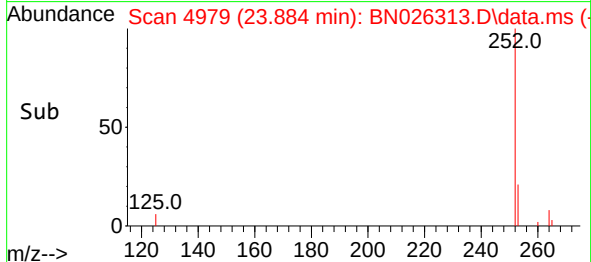
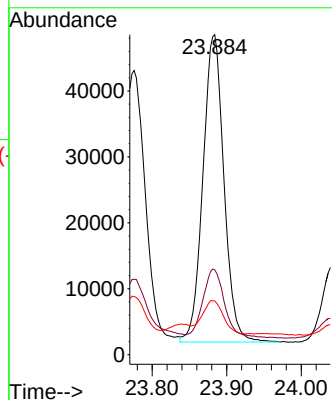
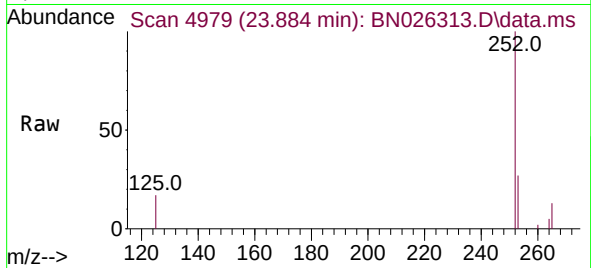




#26
Benzo(a)pyrene
Concen: 258.973 ng/ul
RT: 23.884 min Scan# 4982
Delta R.T. -0.005 min
Lab File: BN026313.D
Acq: 06 Jul 2023 03:57

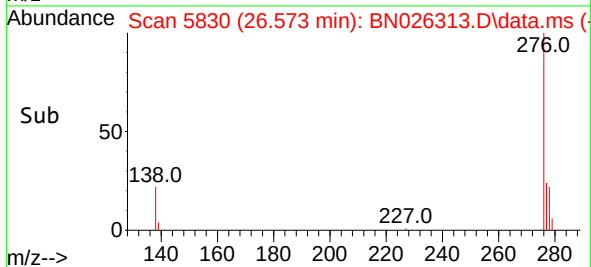
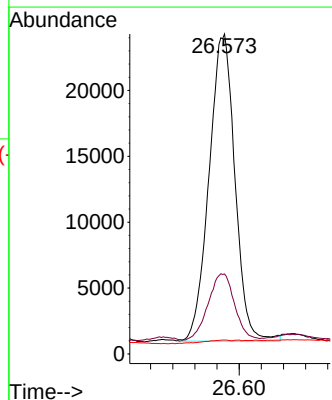
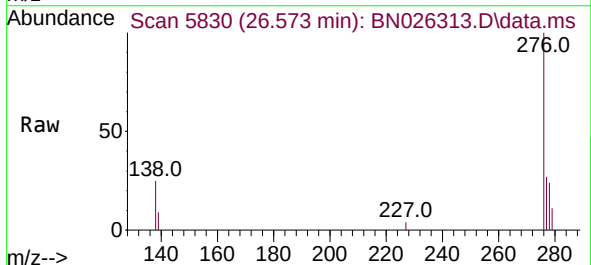
Instrument :
BNA_N
ClientSampleId :
DCGP5DL

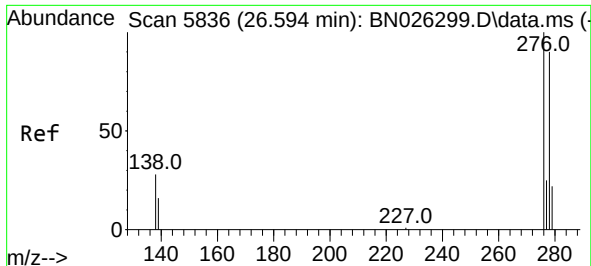
Tgt Ion:252 Resp: 91203
Ion Ratio Lower Upper
252 100
253 26.5 26.0 39.0
125 16.8 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 196.609 ng/ul
RT: 26.573 min Scan# 5830
Delta R.T. -0.008 min
Lab File: BN026313.D
Acq: 06 Jul 2023 03:57

Tgt Ion:276 Resp: 75628
Ion Ratio Lower Upper
276 100
138 22.2 24.5 36.7#
227 0.0 0.0 0.0

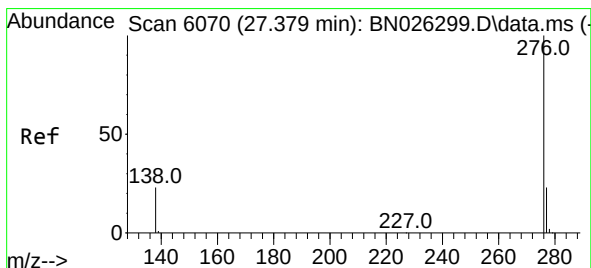
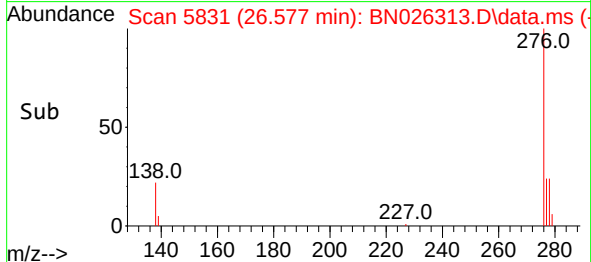
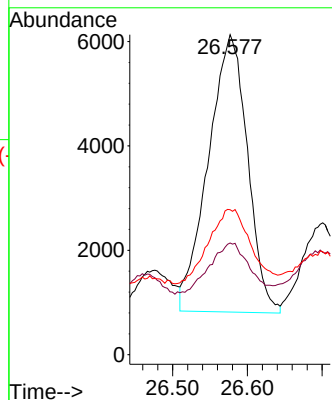
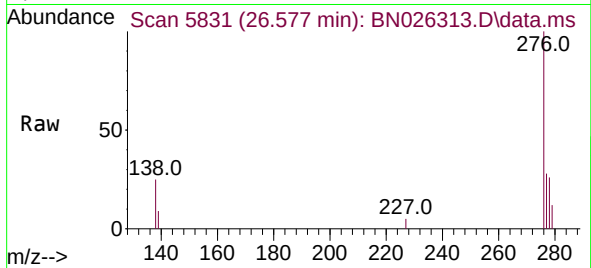




#28
Dibenzo(a,h)anthracene
Concen: 66.566 ng/ul
RT: 26.577 min Scan# 5831
Delta R.T. -0.018 min
Lab File: BN026313.D
Acq: 06 Jul 2023 03:57

Instrument :
BNA_N
ClientSampleId :
DCGP5DL

Tgt Ion:278 Resp: 19379
Ion Ratio Lower Upper
278 100
139 34.9 19.0 28.4#
279 45.3 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 190.185 ng/ul
RT: 27.368 min Scan# 6067
Delta R.T. -0.012 min
Lab File: BN026313.D
Acq: 06 Jul 2023 03:57

Tgt Ion:276 Resp: 65078
Ion Ratio Lower Upper
276 100
138 25.6 23.4 35.0
277 26.6 20.0 30.0

