

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026309.D
 Acq On : 06 Jul 2023 01:30
 Operator : MA/JU
 Sample : 03248-12DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGP0DL

Quant Time: Jul 06 02:18:07 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)

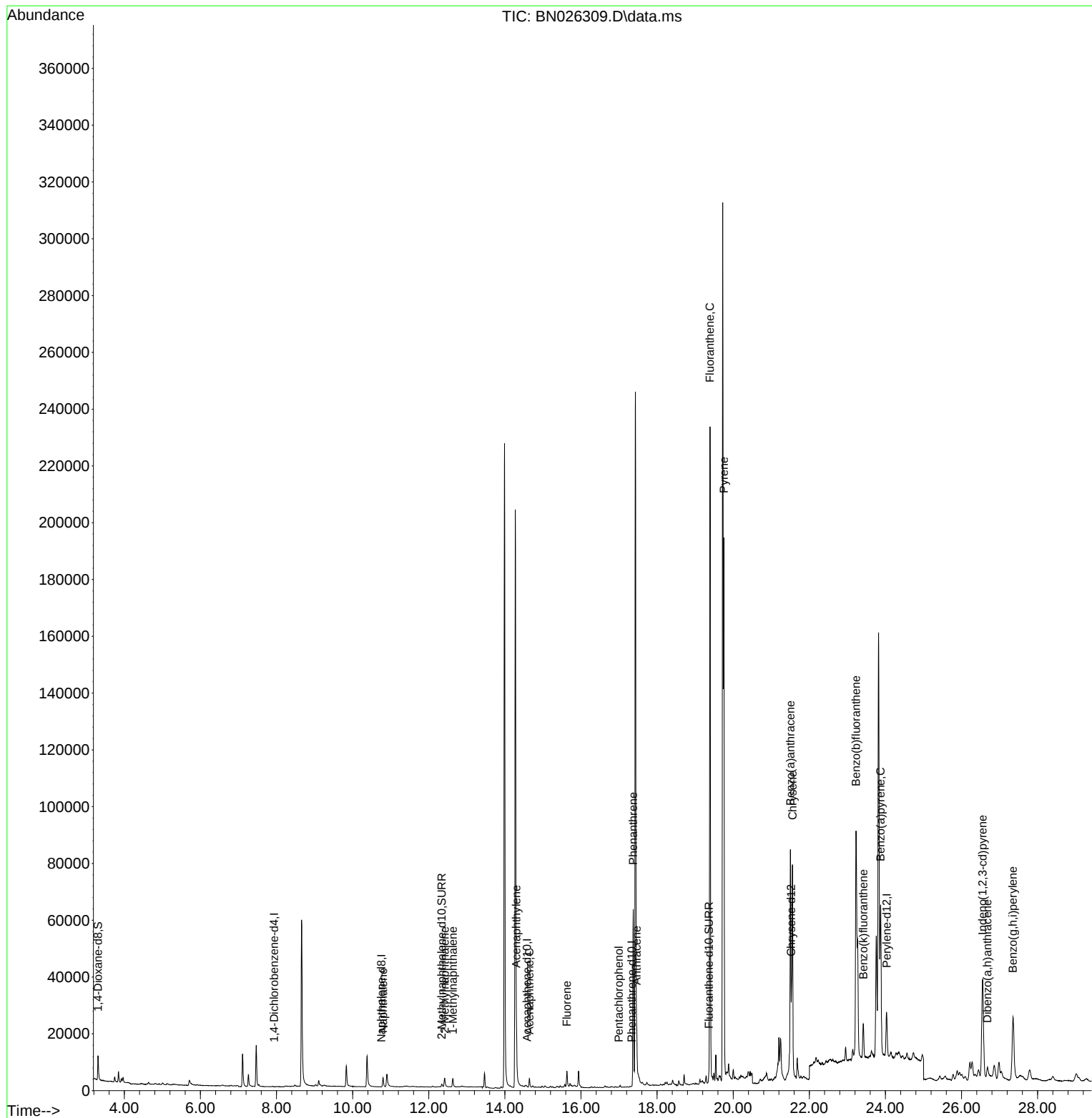
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	9	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.754	136	35	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.584	164	181	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.334	188	215	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.523	240	622	0.400	ng/ul	# 0.00
23) Perylene-d12	24.031	264	21	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	6161	607.864	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	1759	32.675	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	3398	1.435	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	5201	51.849	ng/ul#	93
7) 2-Methylnaphthalene	12.420	142	3031	47.451	ng/ul	99
8) 1-Methylnaphthalene	12.634	142	2476	37.411	ng/ul	100
10) Acenaphthylene	14.302	152	17304	20.416	ng/ul	99
11) Acenaphthene	14.644	153	1991	2.872	ng/ul	95
12) Fluorene	15.630	166	3942	4.959	ng/ul#	97
14) Pentachlorophenol	16.996	266	38	0.493	ng/ul#	59
15) Phenanthrene	17.372	178	70391	99.119	ng/ul	100
16) Anthracene	17.465	178	15752	24.955	ng/ul	96
19) Fluoranthene	19.391	202	202391	60.920	ng/ul	97
20) Pyrene	19.754	202	164388	47.573	ng/ul	96
21) Benzo(a)anthracene	21.503	228	71891	28.017	ng/ul#	93
22) Chrysene	21.558	228	79418	29.745	ng/ul#	95
24) Benzo(b)fluoranthene	23.227	252	188518	2103.257	ng/ul	93
25) Benzo(k)fluoranthene	23.417	252	18183	202.020	ng/ul#	75
26) Benzo(a)pyrene	23.873	252	84630	1087.113	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.554	276	65410	769.251	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.682	278	5027	78.115	ng/ul#	44
29) Benzo(g,h,i)perylene	27.352	276	54832	724.902	ng/ul	96

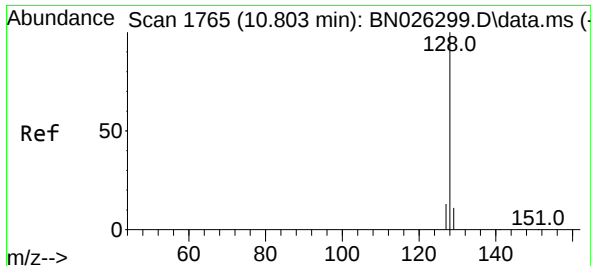
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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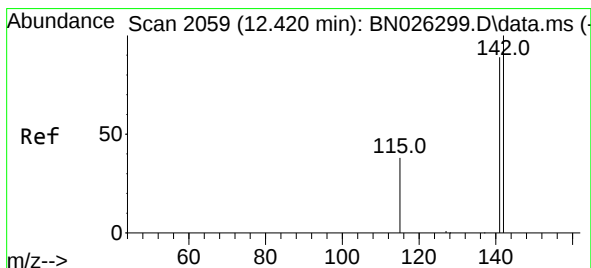
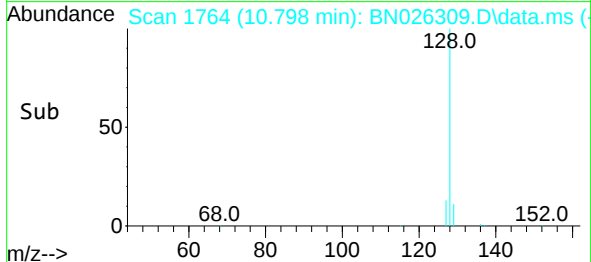
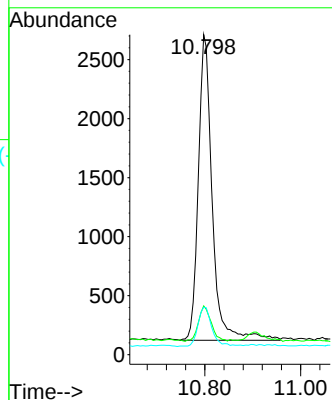
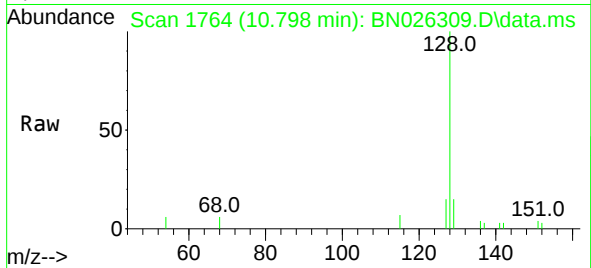




#5
Naphthalene
Concen: 51.849 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.011 min
Lab File: BN026309.D
Acq: 06 Jul 2023 01:30

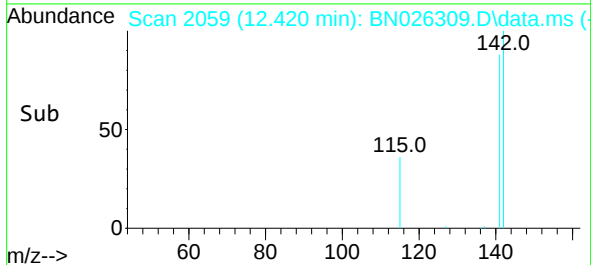
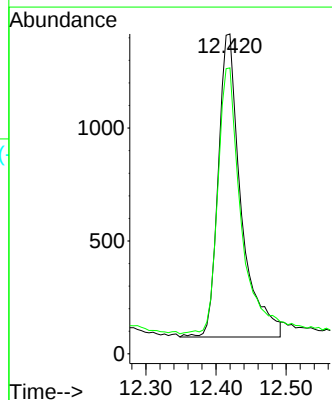
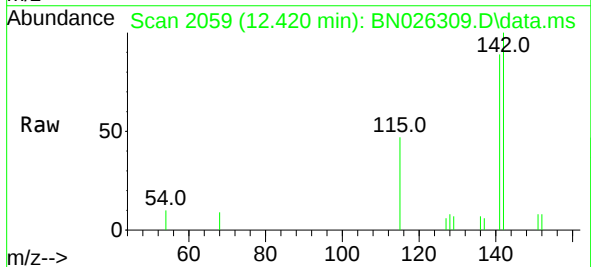
Instrument :
BNA_N
ClientSampleId :
DCGP0DL

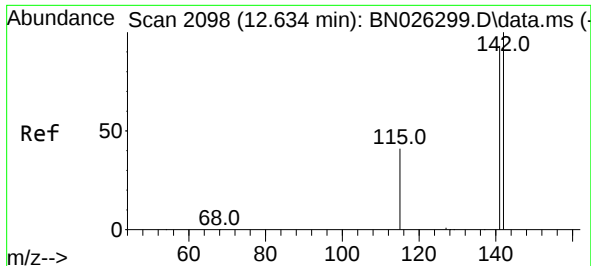
Tgt Ion:128 Resp: 5201
Ion Ratio Lower Upper
128 100
129 15.3 9.1 13.7#
127 14.9 10.7 16.1



#7
2-Methylnaphthalene
Concen: 47.451 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN026309.D
Acq: 06 Jul 2023 01:30

Tgt Ion:142 Resp: 3031
Ion Ratio Lower Upper
142 100
141 88.7 71.9 107.9

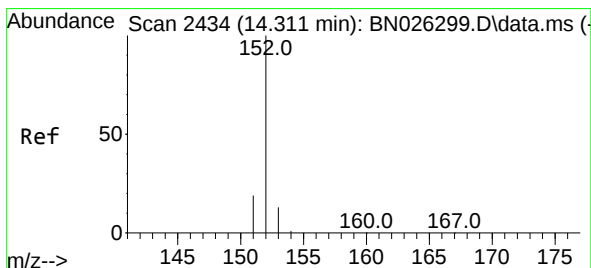
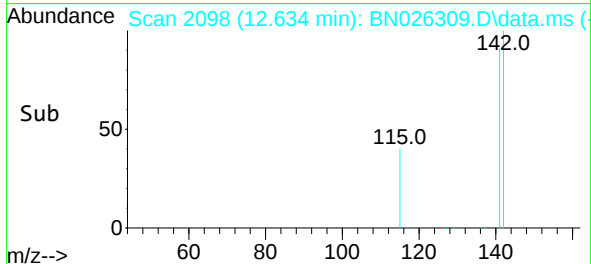
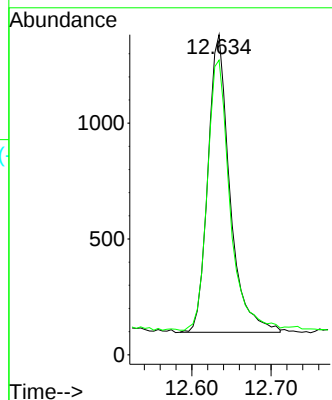
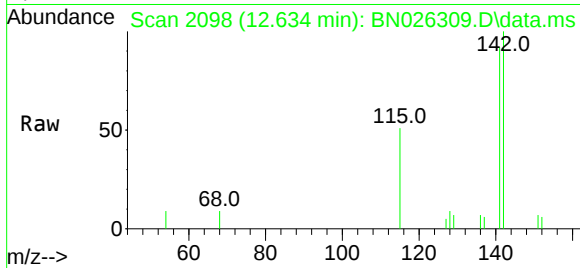




#8
1-Methylnaphthalene
Concen: 37.411 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN026309.D
Acq: 06 Jul 2023 01:30

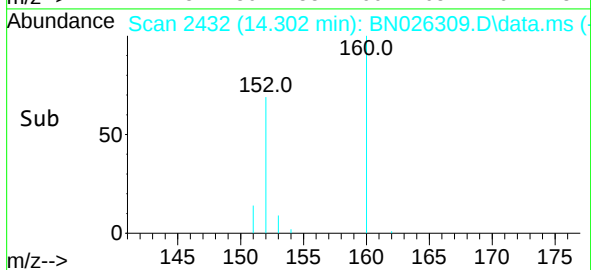
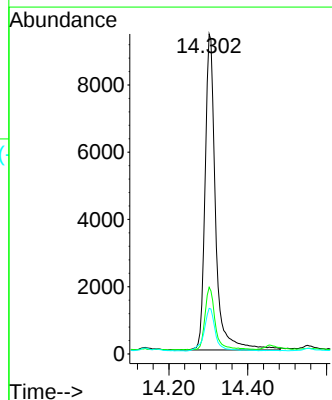
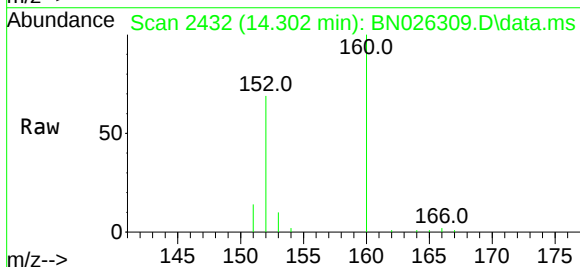
Instrument :
BNA_N
ClientSampleId :
DCGP0DL

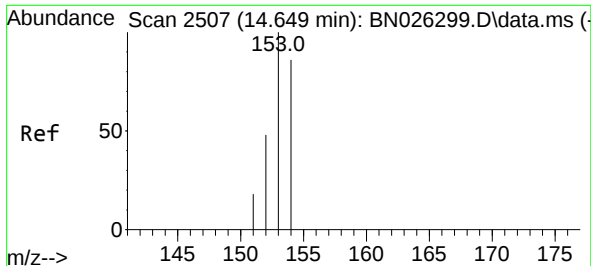
Tgt Ion:142 Resp: 2476
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4



#10
Acenaphthylene
Concen: 20.416 ng/ul
RT: 14.302 min Scan# 2432
Delta R.T. -0.010 min
Lab File: BN026309.D
Acq: 06 Jul 2023 01:30

Tgt Ion:152 Resp: 17304
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 14.2 10.9 16.3

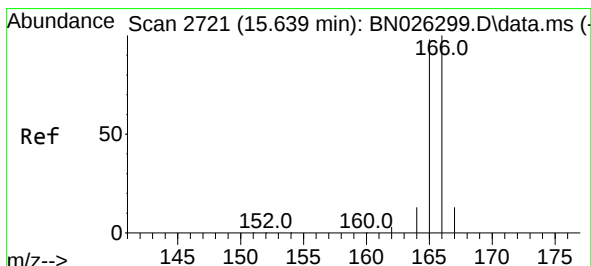
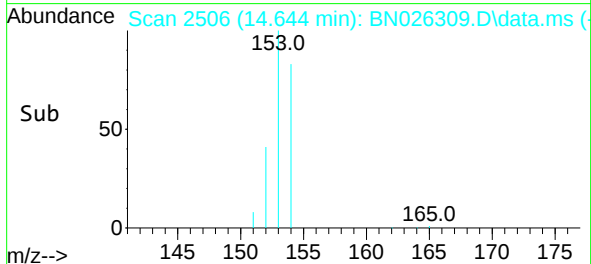
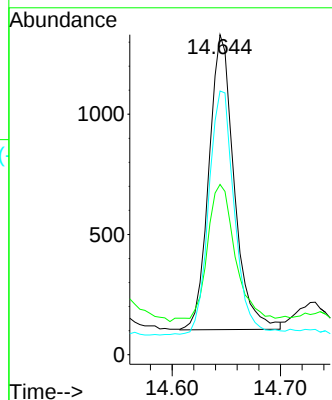
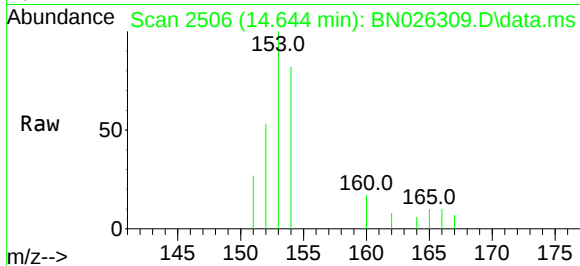




#11
Acenaphthene
Concen: 2.872 ng/ul
RT: 14.644 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BN026309.D
Acq: 06 Jul 2023 01:30

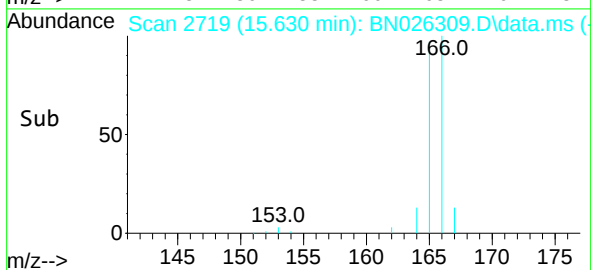
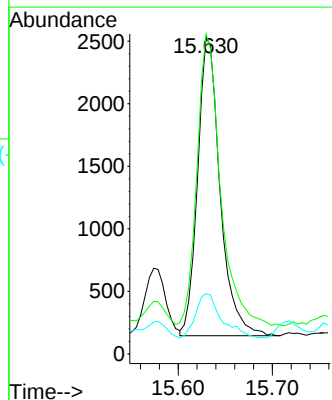
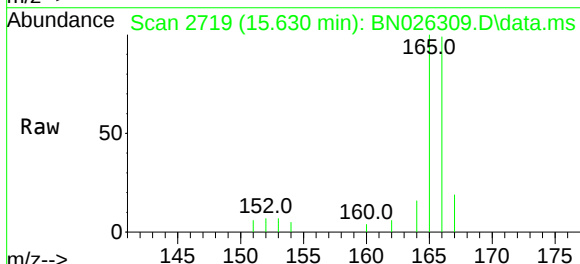
Instrument :
BNA_N
ClientSampleId :
DCGP0DL

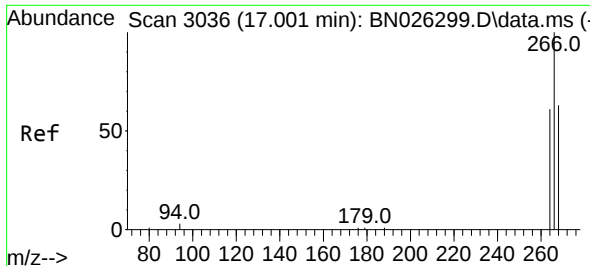
Tgt Ion:153 Resp: 1991
Ion Ratio Lower Upper
153 100
152 53.2 39.4 59.0
154 82.4 68.9 103.3



#12
Fluorene
Concen: 4.959 ng/ul
RT: 15.630 min Scan# 2719
Delta R.T. -0.015 min
Lab File: BN026309.D
Acq: 06 Jul 2023 01:30

Tgt Ion:166 Resp: 3942
Ion Ratio Lower Upper
166 100
165 100.9 79.9 119.9
167 19.0 10.8 16.2#

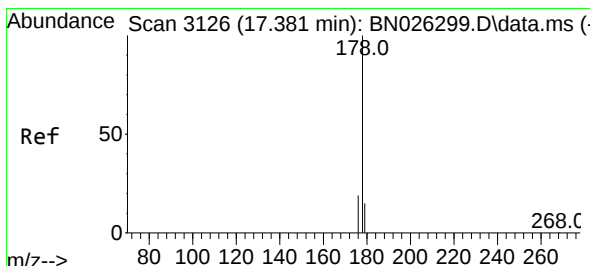
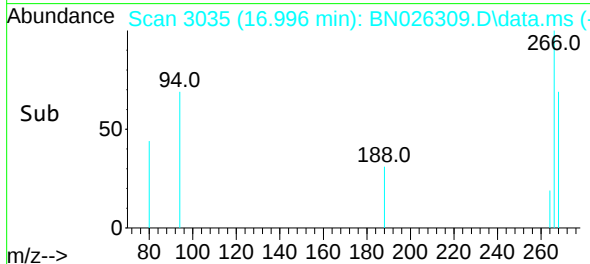
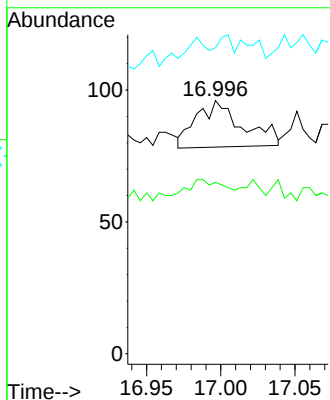
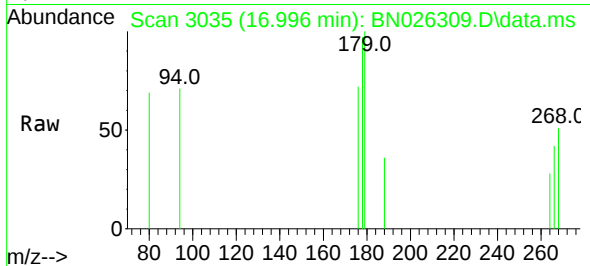




#14
 Pentachlorophenol
 Concen: 0.493 ng/u1
 RT: 16.996 min Scan# 3036
 Delta R.T. -0.009 min
 Lab File: BN026309.D
 Acq: 06 Jul 2023 01:30

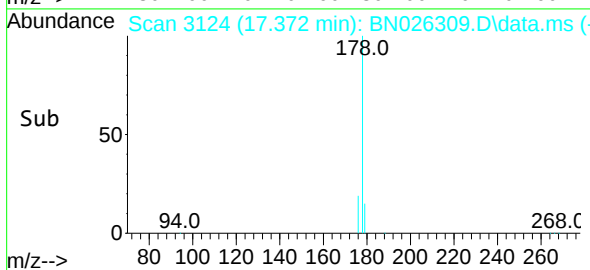
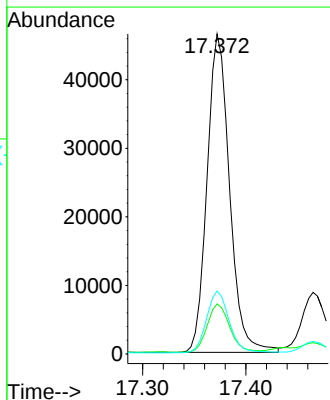
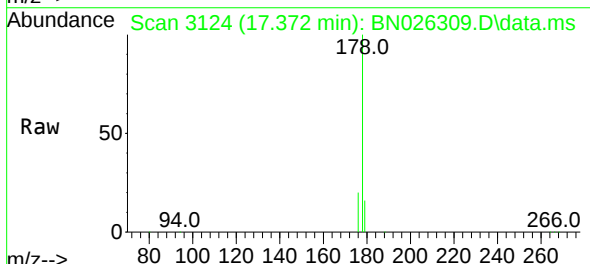
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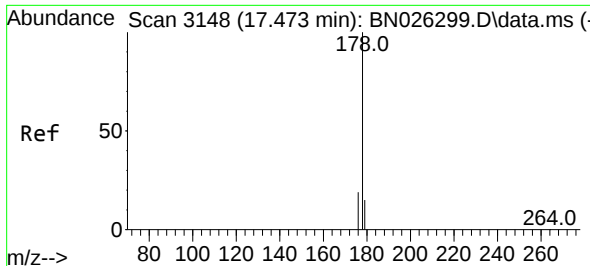
Tgt Ion:266 Resp: 38
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.5 75.7#
 268 63.2 51.6 77.4



#15
 Phenanthrene
 Concen: 99.119 ng/u1
 RT: 17.372 min Scan# 3124
 Delta R.T. -0.013 min
 Lab File: BN026309.D
 Acq: 06 Jul 2023 01:30

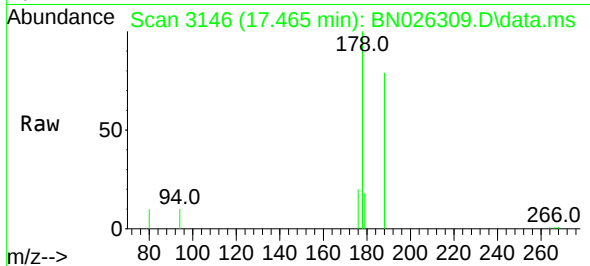
Tgt Ion:178 Resp: 70391
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.6 19.0
 176 19.7 15.8 23.6



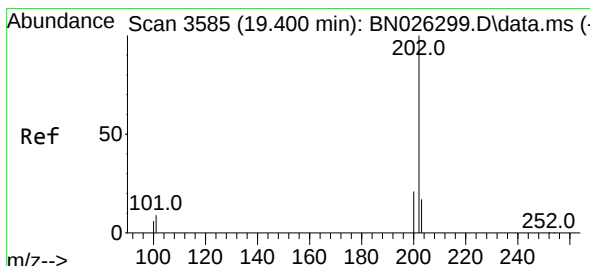
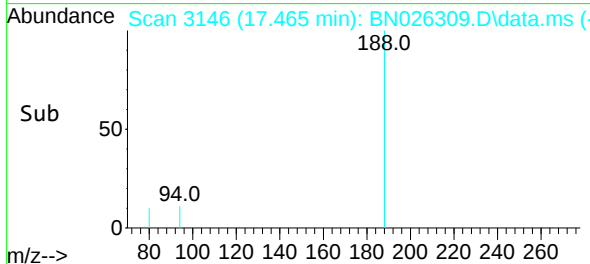
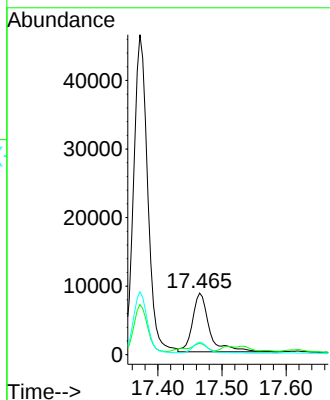


#16
 Anthracene
 Concen: 24.955 ng/ul
 RT: 17.465 min Scan# 3146
 Delta R.T. -0.014 min
 Lab File: BN026309.D
 Acq: 06 Jul 2023 01:30

Instrument :
 BNA_N
 ClientSampleId :
 DCGP0DL

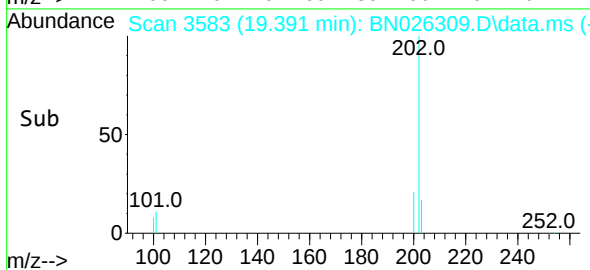
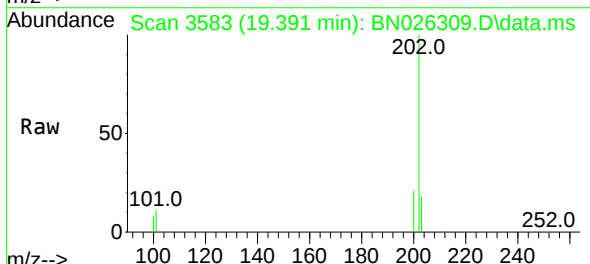
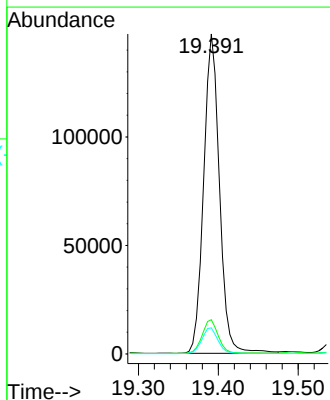


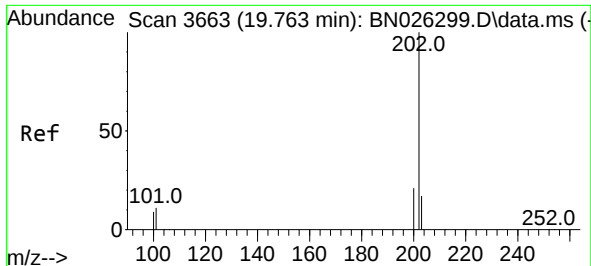
Tgt Ion:178 Resp: 15752
 Ion Ratio Lower Upper
 178 100
 179 18.3 12.6 18.8
 176 20.3 15.1 22.7



#19
 Fluoranthene
 Concen: 60.920 ng/ul
 RT: 19.391 min Scan# 3583
 Delta R.T. -0.010 min
 Lab File: BN026309.D
 Acq: 06 Jul 2023 01:30

Tgt Ion:202 Resp: 202391
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.5 14.3
 100 8.2 7.3 10.9

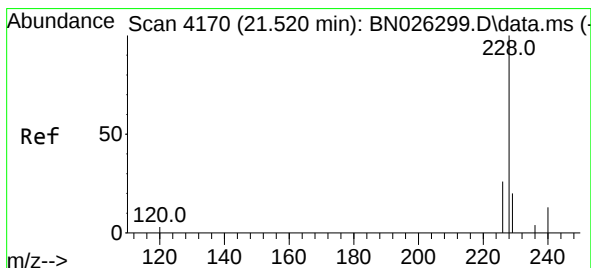
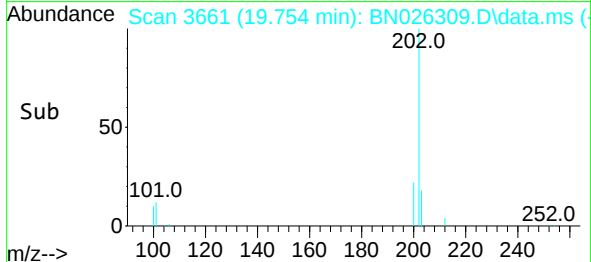
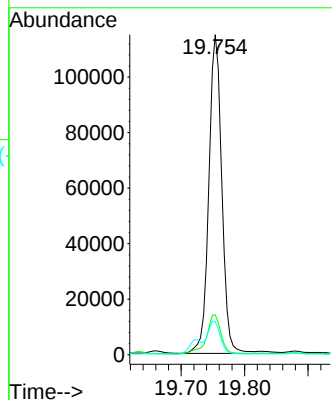
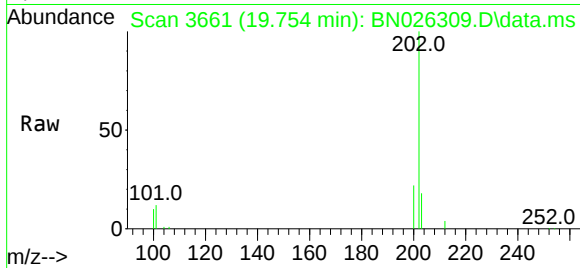




#20
Pyrene
Concen: 47.573 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. -0.010 min
Lab File: BN026309.D
Acq: 06 Jul 2023 01:30

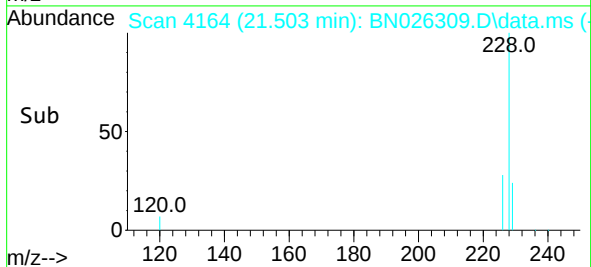
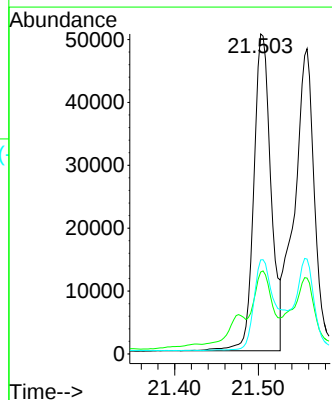
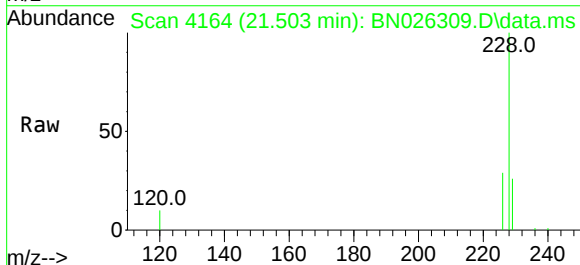
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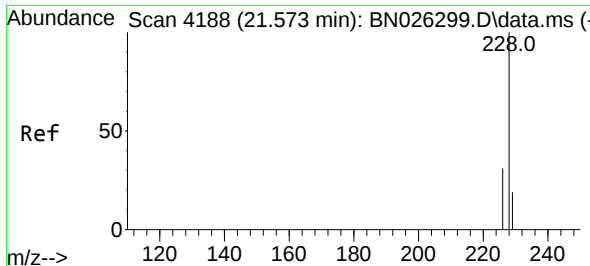
Tgt Ion:202 Resp: 164388
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.3 9.1 13.7



#21
Benzo(a)anthracene
Concen: 28.017 ng/ul
RT: 21.503 min Scan# 4164
Delta R.T. -0.013 min
Lab File: BN026309.D
Acq: 06 Jul 2023 01:30

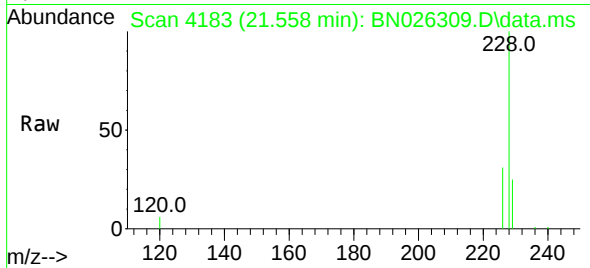
Tgt Ion:228 Resp: 71891
Ion Ratio Lower Upper
228 100
229 25.6 15.8 23.6#
226 29.4 22.5 33.7



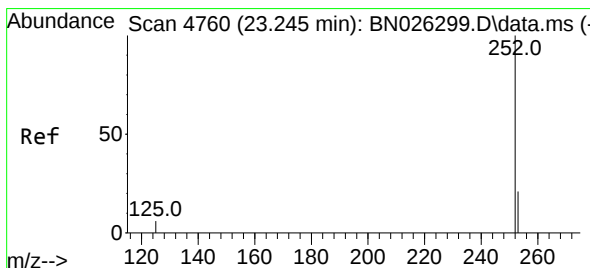
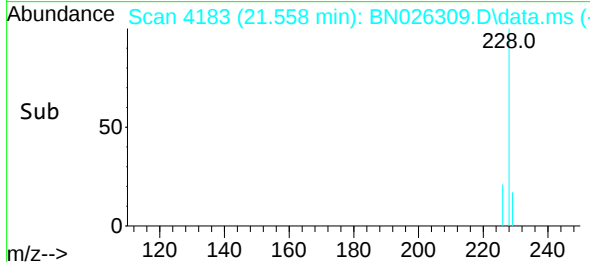
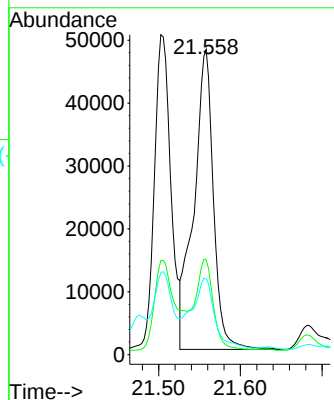


#22
Chrysene
Concen: 29.745 ng/ul
RT: 21.558 min Scan# 4183
Delta R.T. -0.013 min
Lab File: BN026309.D
Acq: 06 Jul 2023 01:30

Instrument :
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ClientSampleId :
DCGP0DL

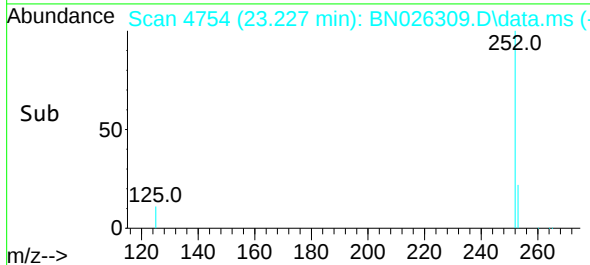
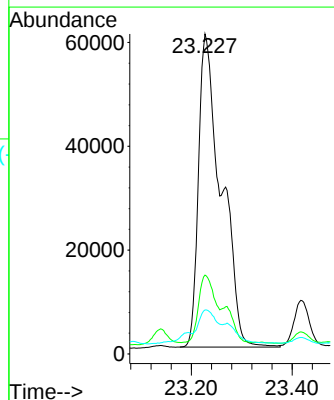
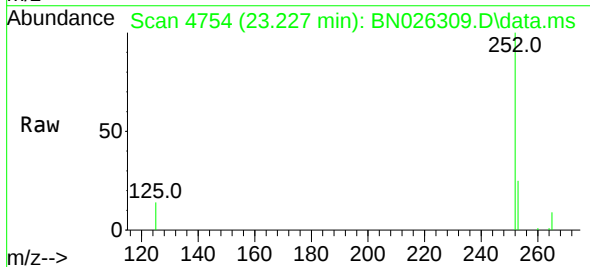


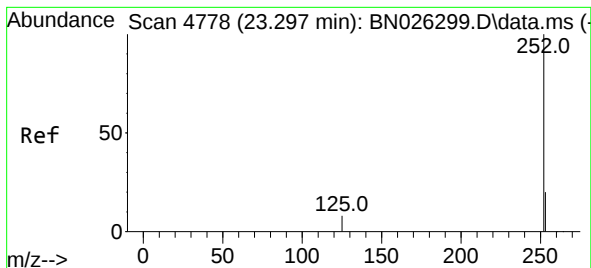
Tgt Ion:228 Resp: 79418
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 24.8 15.7 23.5#



#24
Benzo(b)fluoranthene
Concen: 2103.257 ng/ul
RT: 23.227 min Scan# 4754
Delta R.T. -0.018 min
Lab File: BN026309.D
Acq: 06 Jul 2023 01:30

Tgt Ion:252 Resp: 188518
Ion Ratio Lower Upper
252 100
253 24.7 0.0 55.6
125 13.8 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 202.020 ng/ul

RT: 23.417 min Scan# 41

Delta R.T. 0.125 min

Lab File: BN026309.D

Acq: 06 Jul 2023 01:30

Instrument :

BNA_N

ClientSampleId :

DCGP0DL

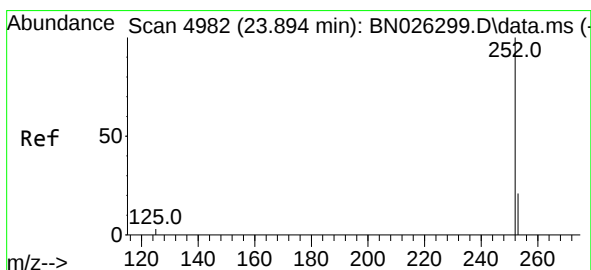
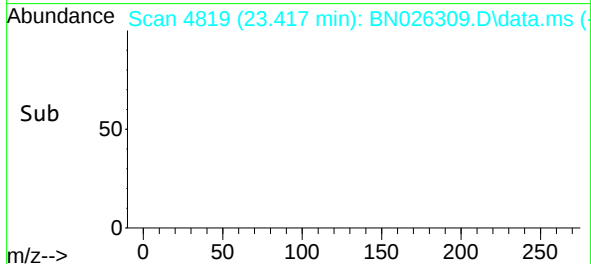
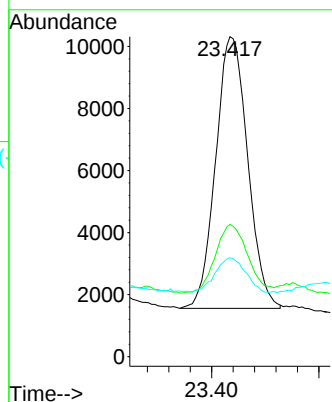
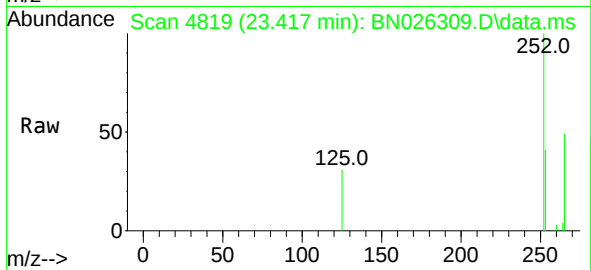
Tgt Ion:252 Resp: 18183

Ion Ratio Lower Upper

252 100

253 41.4 23.2 34.8#

125 30.9 15.0 22.4#



#26

Benzo(a)pyrene

Concen: 1087.113 ng/ul

RT: 23.873 min Scan# 4975

Delta R.T. -0.015 min

Lab File: BN026309.D

Acq: 06 Jul 2023 01:30

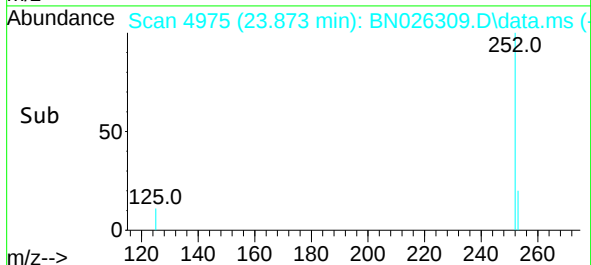
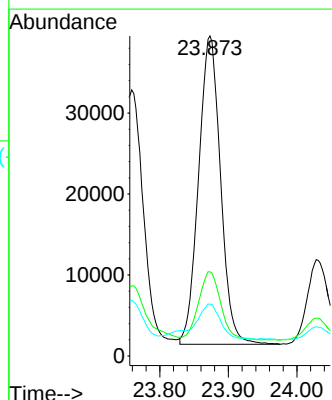
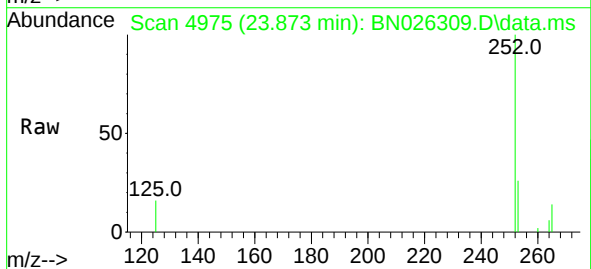
Tgt Ion:252 Resp: 84630

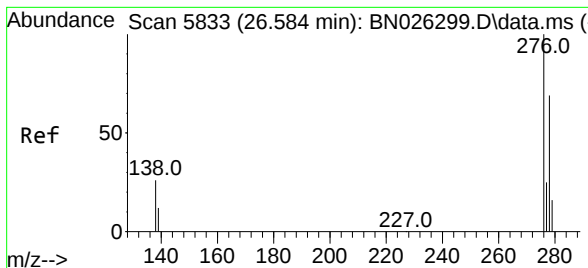
Ion Ratio Lower Upper

252 100

253 26.3 26.0 39.0

125 16.1 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 769.251 ng/ul

RT: 26.554 min Scan# 5824

Delta R.T. -0.028 min

Lab File: BN026309.D

Acq: 06 Jul 2023 01:30

Instrument :

BNA_N

ClientSampleId :

DCGP0DL

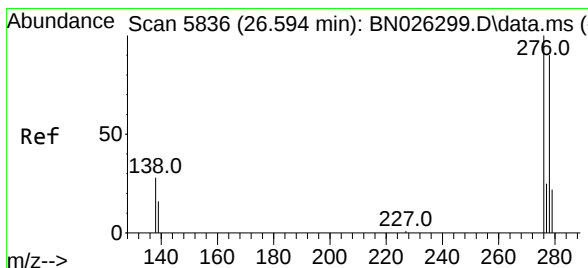
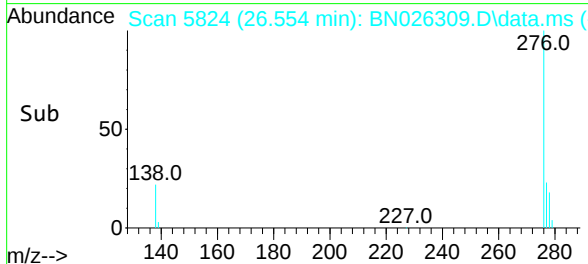
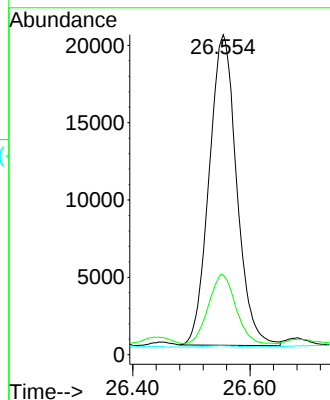
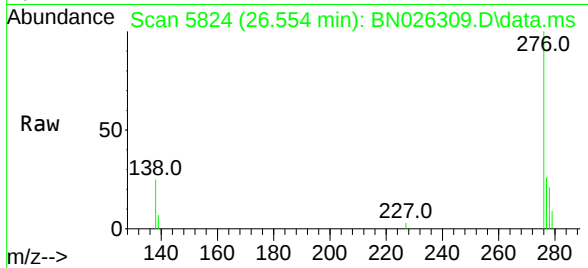
Tgt Ion:276 Resp: 65410

Ion Ratio Lower Upper

276 100

138 21.8 24.5 36.7#

227 0.5 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 78.115 ng/ul

RT: 26.682 min Scan# 5862

Delta R.T. 0.086 min

Lab File: BN026309.D

Acq: 06 Jul 2023 01:30

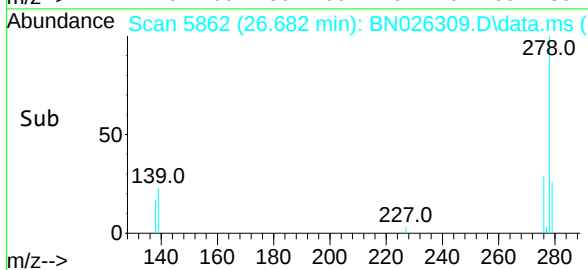
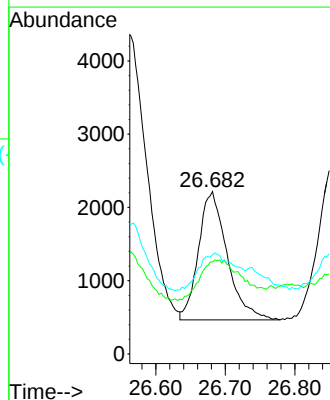
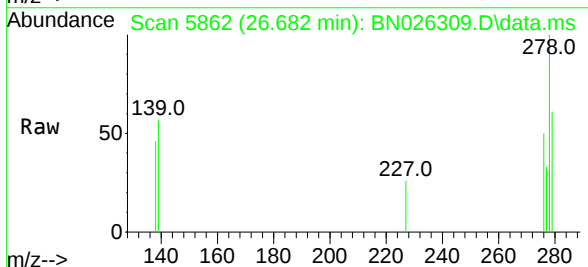
Tgt Ion:278 Resp: 5027

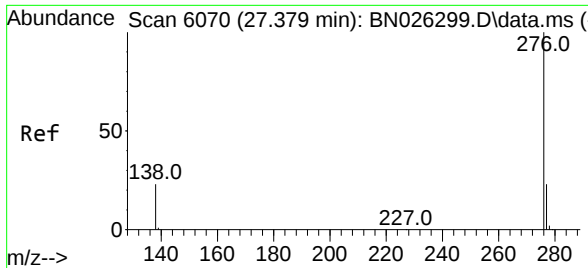
Ion Ratio Lower Upper

278 100

139 56.6 19.0 28.4#

279 61.1 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 724.902 ng/ul
 RT: 27.352 min Scan# 6062
 Delta R.T. -0.028 min
 Lab File: BN026309.D
 Acq: 06 Jul 2023 01:30

Instrument :
 BNA_N
 ClientSampleId :
 DCGP0DL

Tgt Ion:	276	Resp:	54832
Ion Ratio	Lower	Upper	
276	100		
138	26.1	23.4	35.0
277	25.8	20.0	30.0

