

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026304.D
 Acq On : 05 Jul 2023 22:24
 Operator : MA/JU
 Sample : PB153591BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS591

Quant Time: Jul 06 00:47:29 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

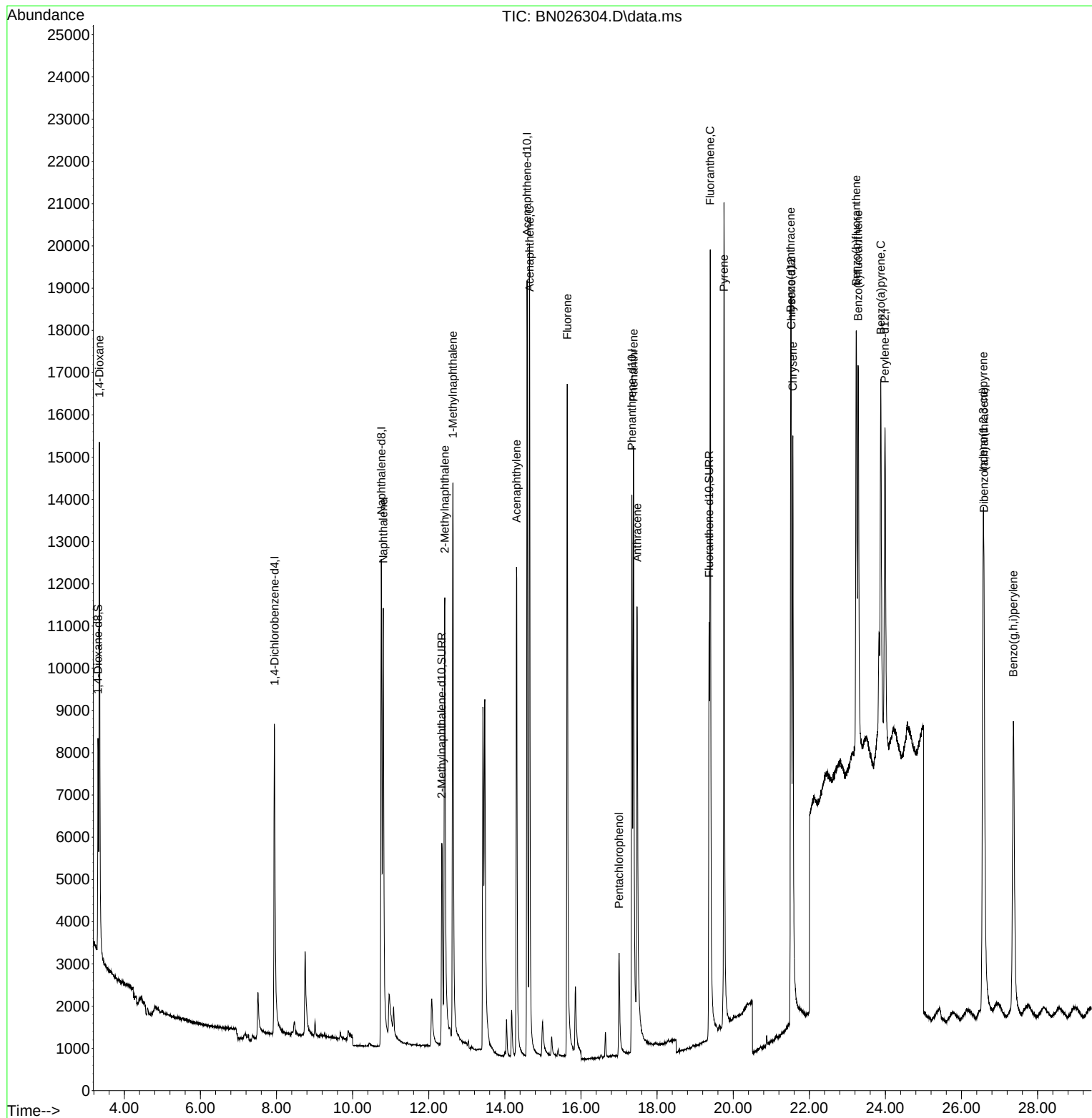
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	5870	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	20867	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	11782	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	20214	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	12163	0.400	ng/ul	0.00
23) Perylene-d12	23.987	264	13379	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	3577	0.541	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	8806	0.274	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	14215	0.307	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	8937	1.273	ng/ul#	88
5) Naphthalene	10.803	128	17920	0.300	ng/ul	98
7) 2-Methylnaphthalene	12.420	142	10379	0.273	ng/ul	100
8) 1-Methylnaphthalene	12.634	142	11256	0.285	ng/ul	100
10) Acenaphthylene	14.306	152	16929	0.307	ng/ul	99
11) Acenaphthene	14.649	153	13163	0.292	ng/ul	99
12) Fluorene	15.639	166	13687	0.265	ng/ul	100
14) Pentachlorophenol	17.001	266	2422	0.334	ng/ul	98
15) Phenanthrene	17.381	178	18694	0.280	ng/ul	98
16) Anthracene	17.474	178	16391	0.276	ng/ul	97
19) Fluoranthene	19.396	202	19413	0.299	ng/ul	99
20) Pyrene	19.758	202	20387	0.302	ng/ul	98
21) Benzo(a)anthracene	21.511	228	14794	0.295	ng/ul	98
22) Chrysene	21.567	228	15782	0.302	ng/ul	98
24) Benzo(b)fluoranthene	23.233	252	16428	0.288	ng/ul	88
25) Benzo(k)fluoranthene	23.283	252	16472	0.287	ng/ul#	89
26) Benzo(a)pyrene	23.876	252	14837	0.299	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.571	276	19486	0.360	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.588	278	14933	0.364	ng/ul	94
29) Benzo(g,h,i)perylene	27.362	276	16966	0.352	ng/ul	98

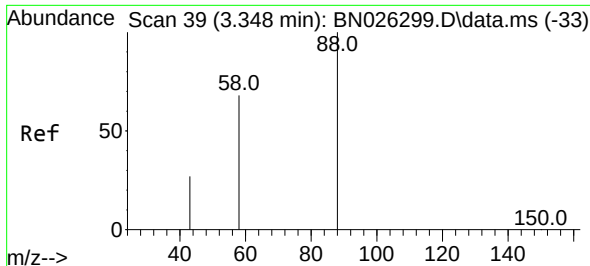
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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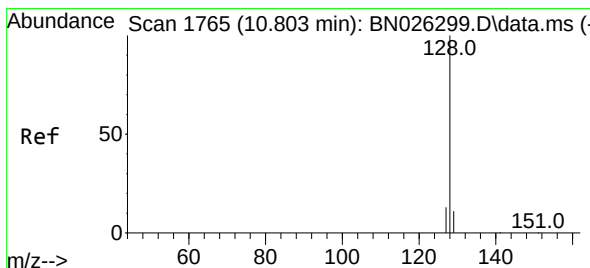
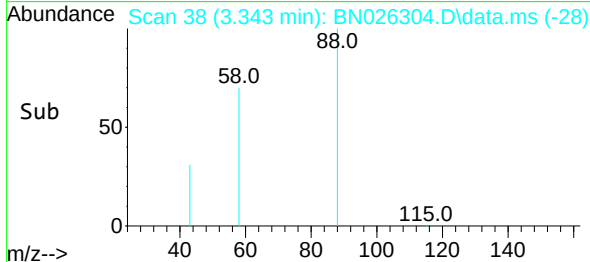
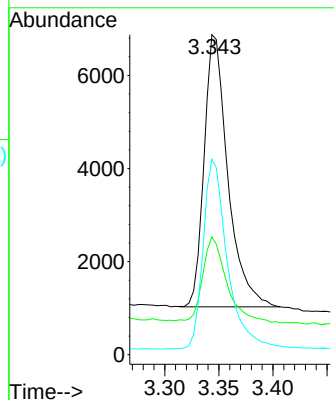
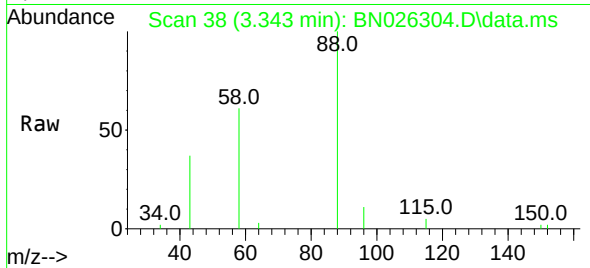




#2
 1,4-Dioxane
 Concen: 1.273 ng/ul
 RT: 3.343 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BN026304.D
 Acq: 05 Jul 2023 22:24

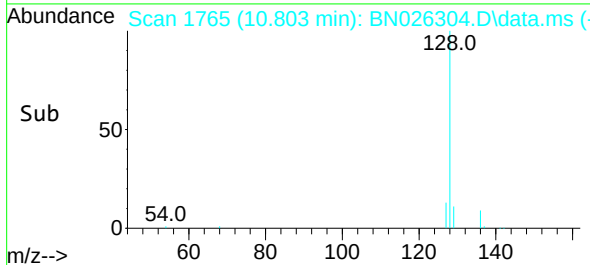
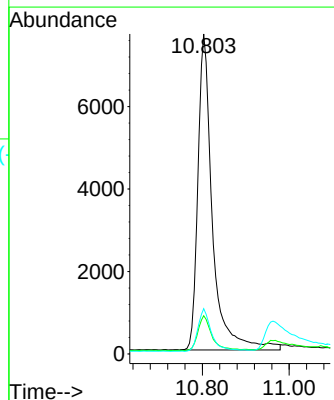
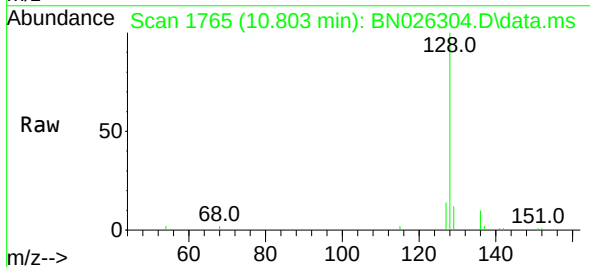
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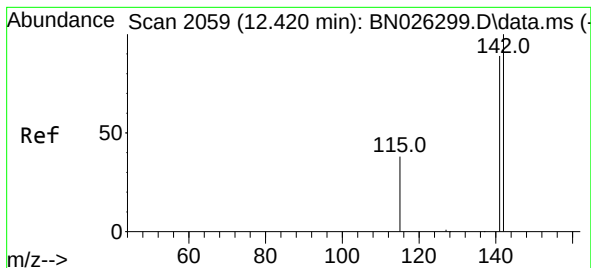
Tgt Ion: 88 Resp: 8937
 Ion Ratio Lower Upper
 88 100
 43 36.7 29.5 44.3
 58 61.0 37.4 56.2#



#5
 Naphthalene
 Concen: 0.300 ng/ul
 RT: 10.803 min Scan# 1765
 Delta R.T. -0.005 min
 Lab File: BN026304.D
 Acq: 05 Jul 2023 22:24

Tgt Ion:128 Resp: 17920
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.1 13.7
 127 14.1 10.7 16.1

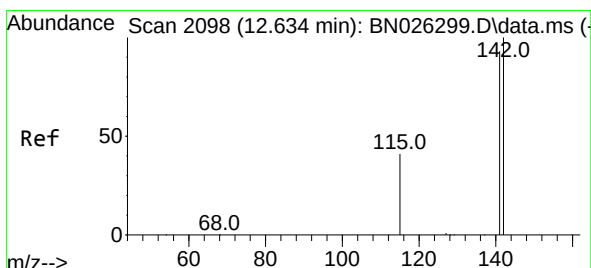
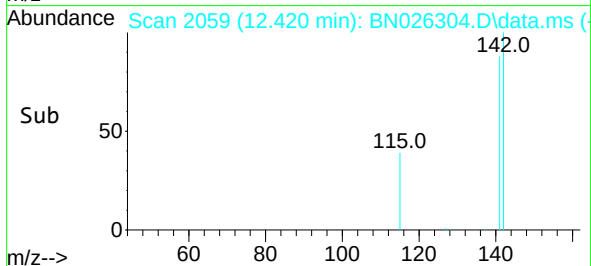
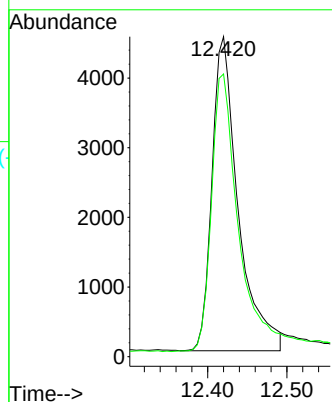
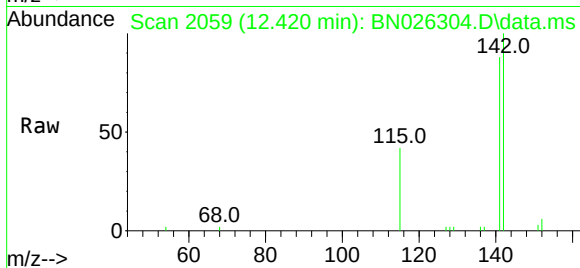




#7
2-Methylnaphthalene
Concen: 0.273 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

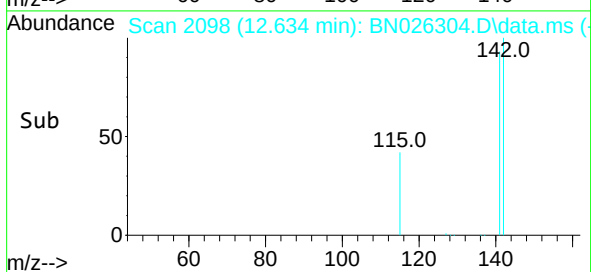
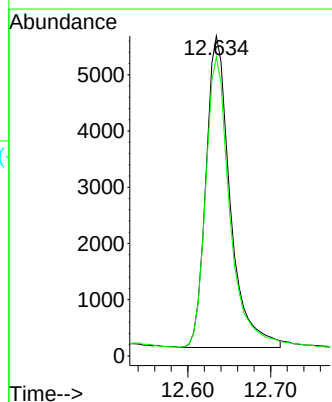
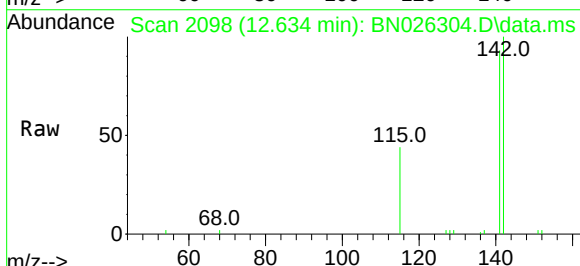
Instrument :
BNA_N
ClientSampleId :
SLCS591

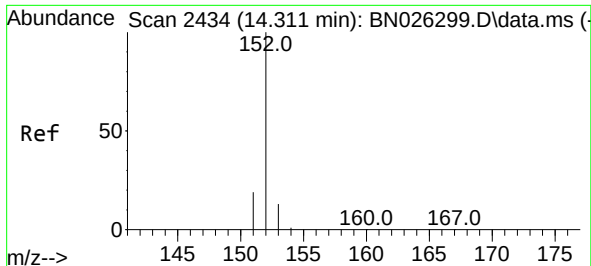
Tgt Ion:142 Resp: 10379
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

Tgt Ion:142 Resp: 11256
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4

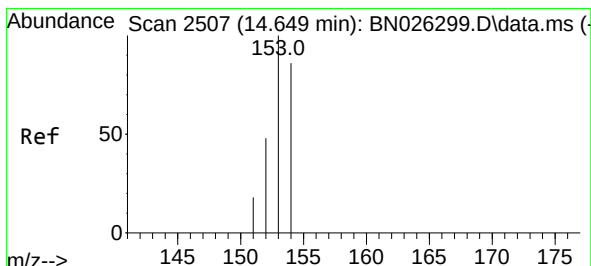
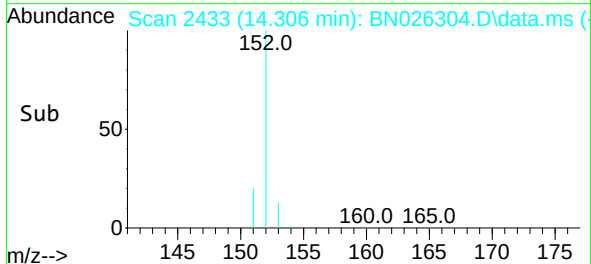
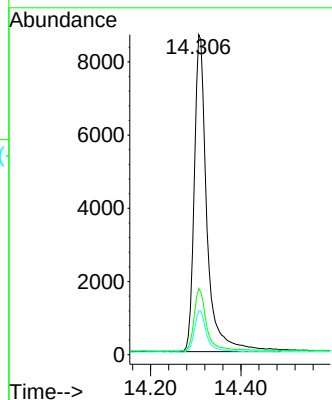
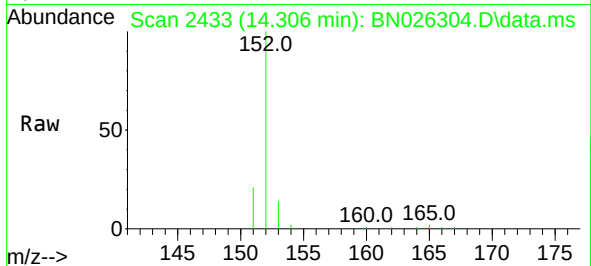




#10
Acenaphthylene
Concen: 0.307 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

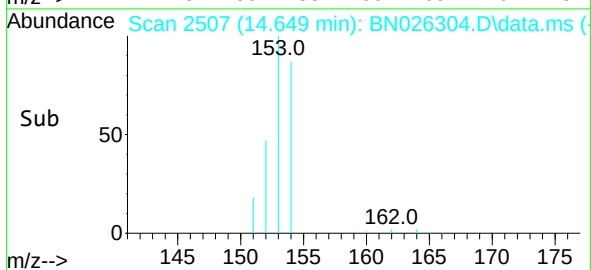
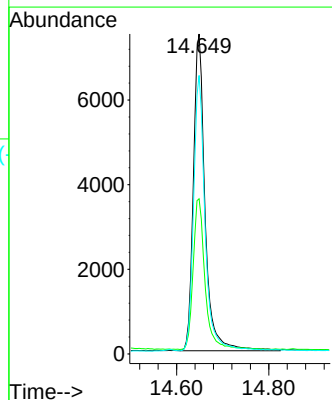
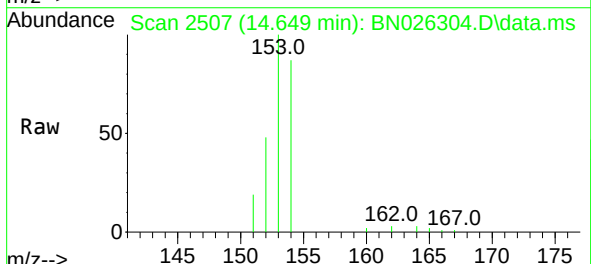
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BNA_N
ClientSampleId :
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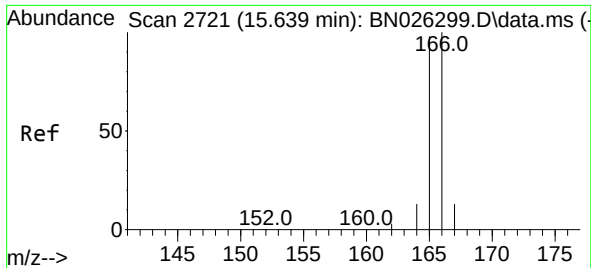
Tgt Ion:152 Resp: 16929
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.292 ng/ul
RT: 14.649 min Scan# 2507
Delta R.T. -0.005 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

Tgt Ion:153 Resp: 13163
Ion Ratio Lower Upper
153 100
152 48.5 39.4 59.0
154 87.0 68.9 103.3

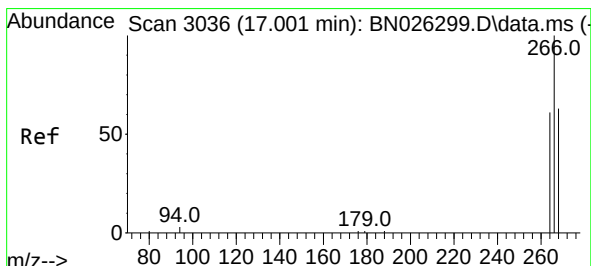
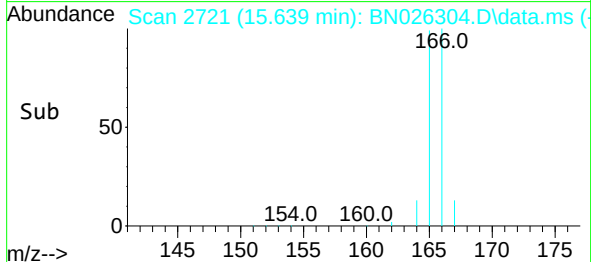
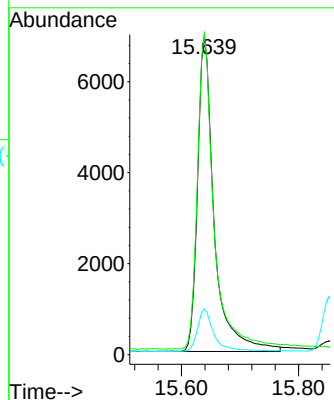
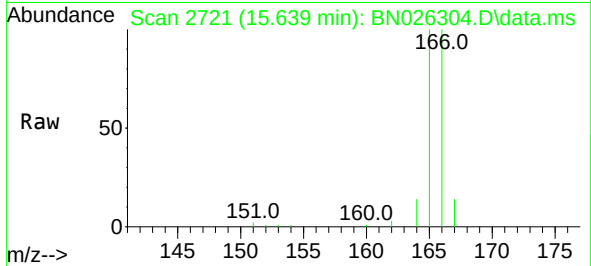




#12
 Fluorene
 Concen: 0.265 ng/ul
 RT: 15.639 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN026304.D
 Acq: 05 Jul 2023 22:24

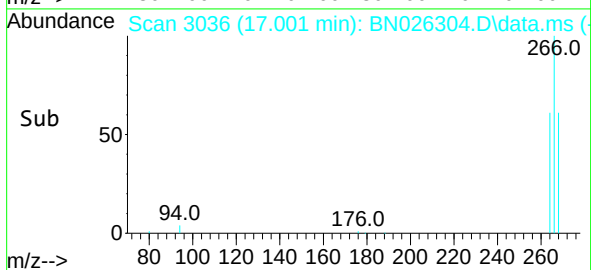
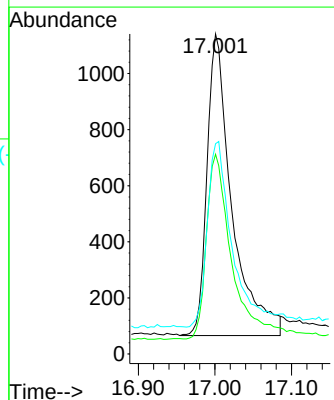
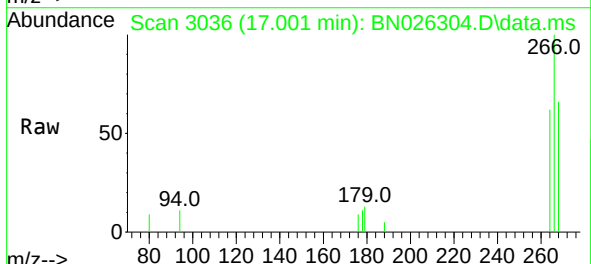
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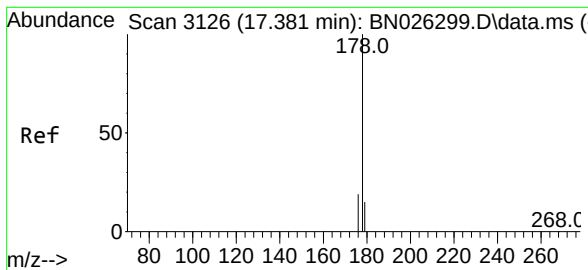
Tgt Ion:166 Resp: 13687
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.9 119.9
 167 14.3 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.334 ng/ul
 RT: 17.001 min Scan# 3036
 Delta R.T. -0.005 min
 Lab File: BN026304.D
 Acq: 05 Jul 2023 22:24

Tgt Ion:266 Resp: 2422
 Ion Ratio Lower Upper
 266 100
 264 61.8 50.5 75.7
 268 62.0 51.6 77.4





#15

Phenanthrene

Concen: 0.280 ng/ul

RT: 17.381 min Scan# 3126

Delta R.T. -0.005 min

Lab File: BN026304.D

Acq: 05 Jul 2023 22:24

Instrument :

BNA_N

ClientSampleId :

SLCS591

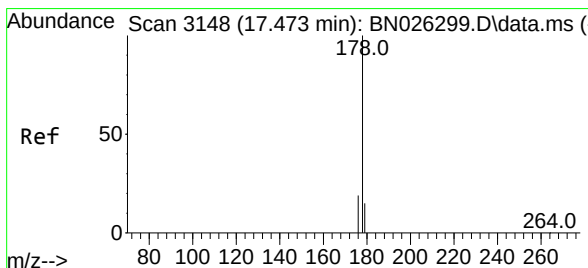
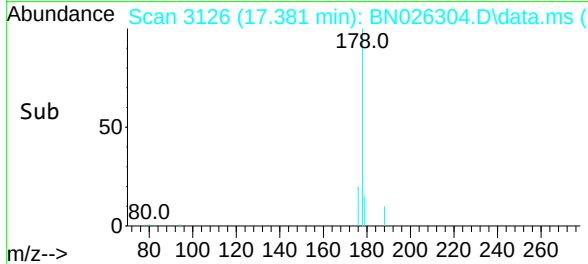
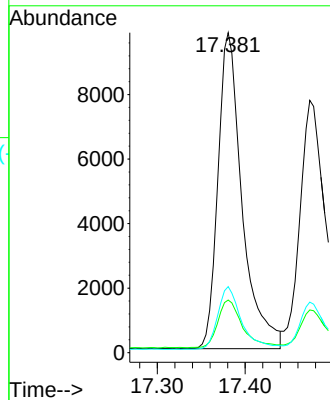
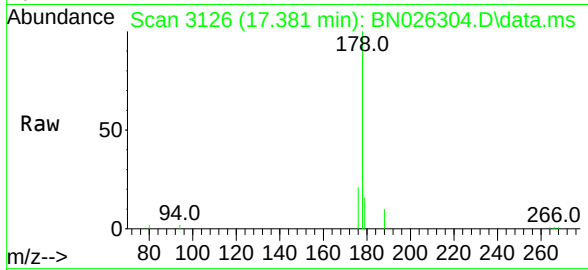
Tgt Ion:178 Resp: 18694

Ion Ratio Lower Upper

178 100

179 16.4 12.6 19.0

176 20.6 15.8 23.6



#16

Anthracene

Concen: 0.276 ng/ul

RT: 17.474 min Scan# 3148

Delta R.T. -0.005 min

Lab File: BN026304.D

Acq: 05 Jul 2023 22:24

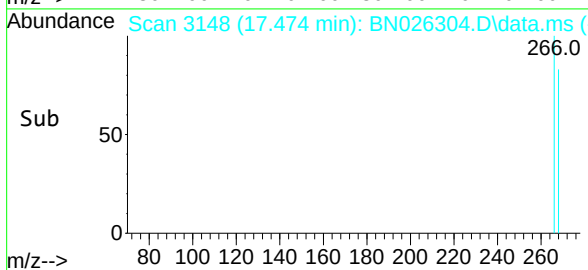
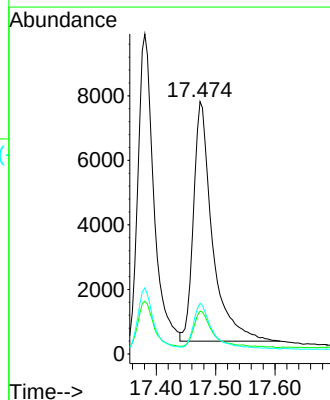
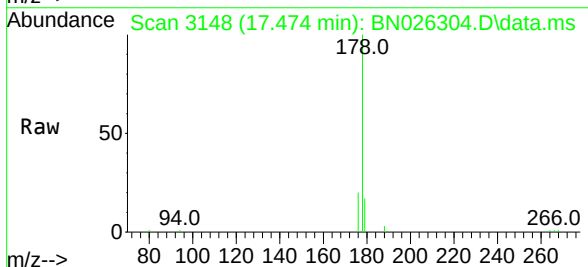
Tgt Ion:178 Resp: 16391

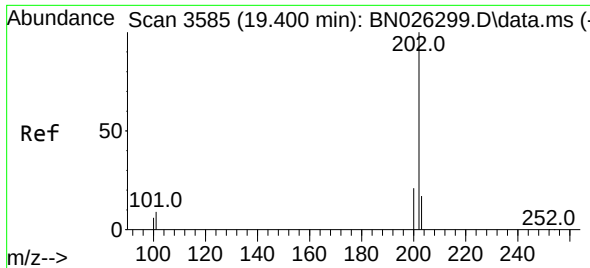
Ion Ratio Lower Upper

178 100

179 16.9 12.6 18.8

176 20.0 15.1 22.7

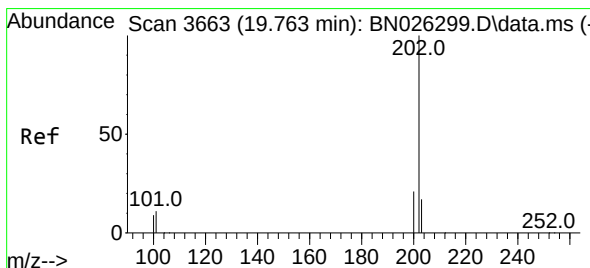
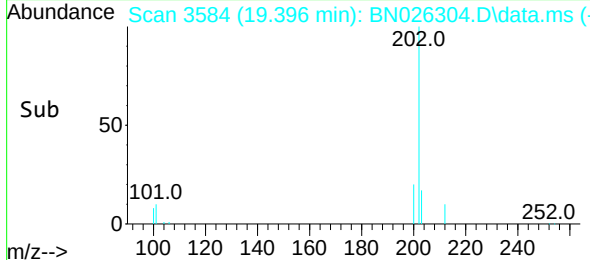
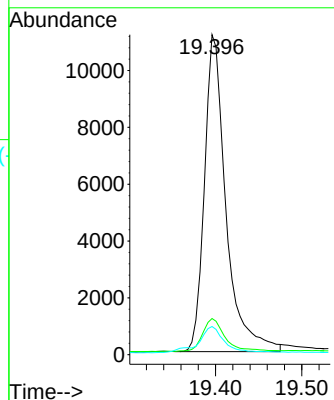
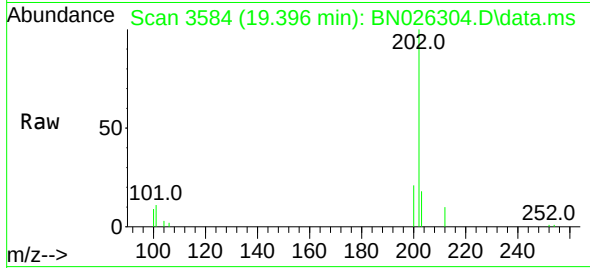




#19
Fluoranthene
Concen: 0.299 ng/ul
RT: 19.396 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

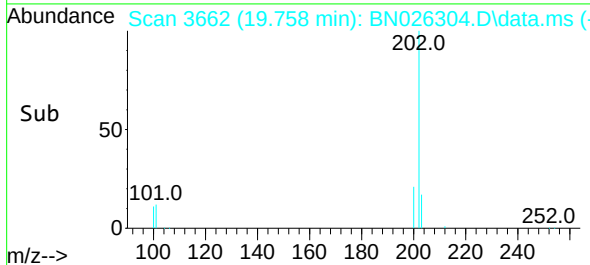
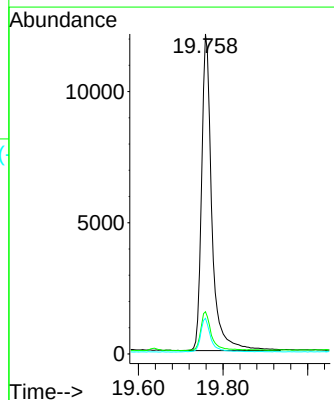
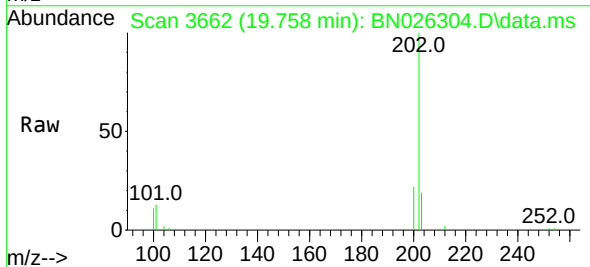
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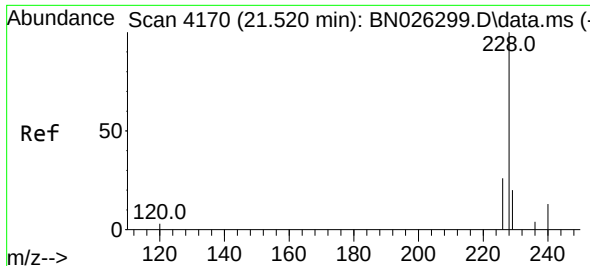
Tgt Ion:202 Resp: 19413
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.8 7.3 10.9



#20
Pyrene
Concen: 0.302 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

Tgt Ion:202 Resp: 20387
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 11.1 9.1 13.7

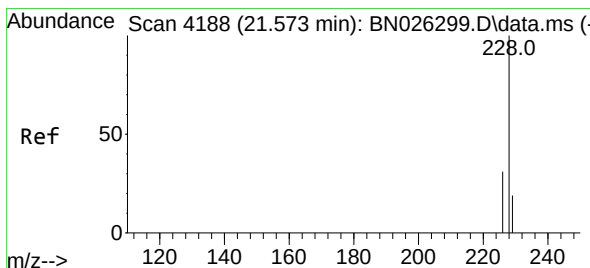
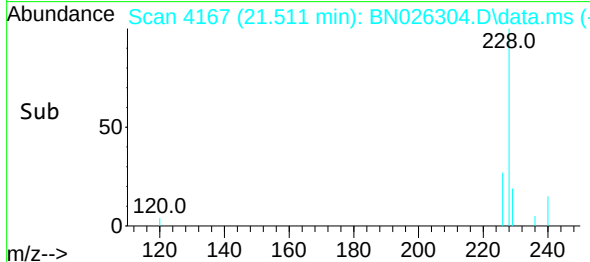
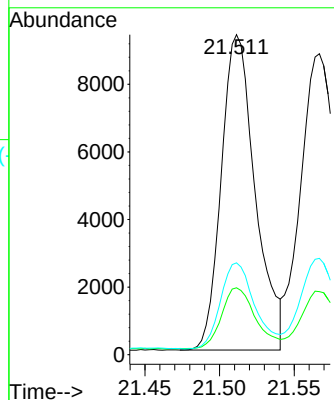
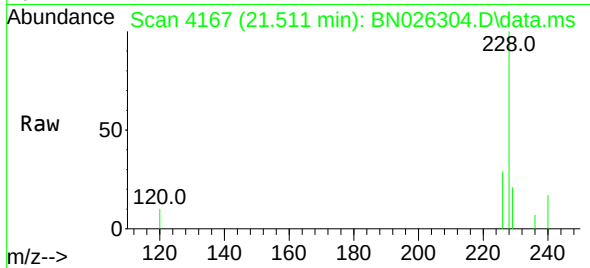




#21
Benzo(a)anthracene
Concen: 0.295 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. -0.004 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

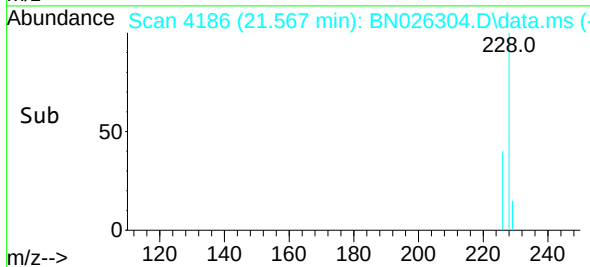
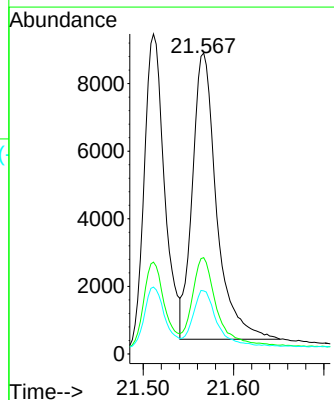
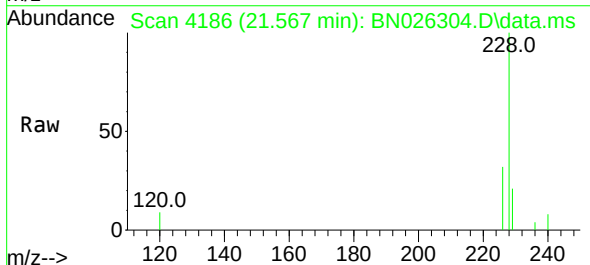
Instrument :
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ClientSampleId :
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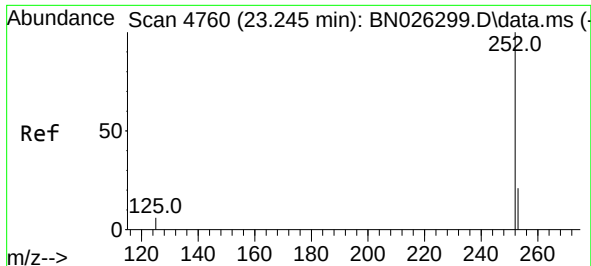
Tgt Ion:228 Resp: 14794
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 28.7 22.5 33.7



#22
Chrysene
Concen: 0.302 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. -0.004 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

Tgt Ion:228 Resp: 15782
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 20.9 15.7 23.5

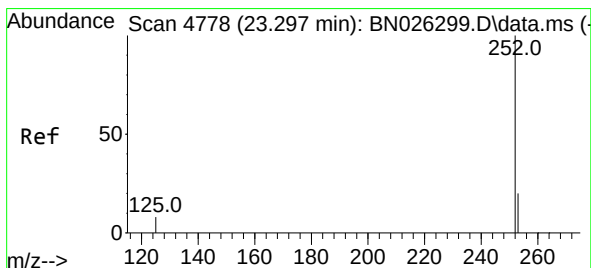
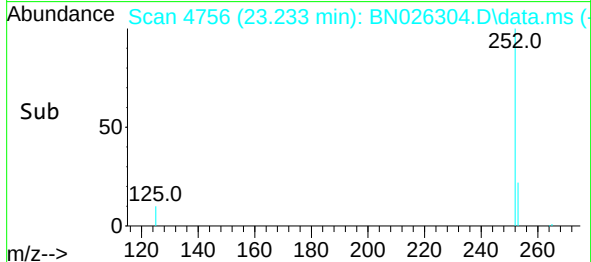
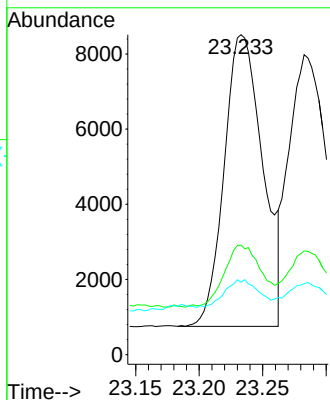
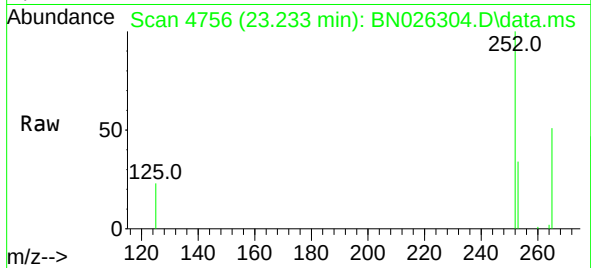




#24
Benzo(b)fluoranthene
Concen: 0.288 ng/ul
RT: 23.233 min Scan# 4756
Delta R.T. -0.013 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

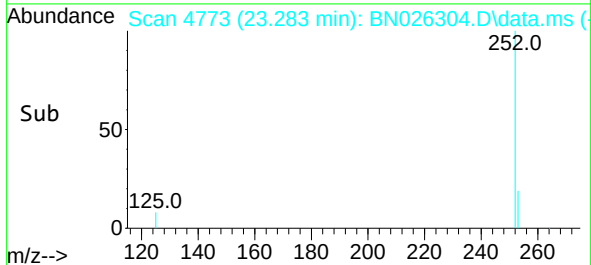
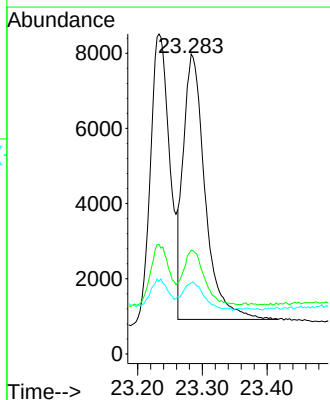
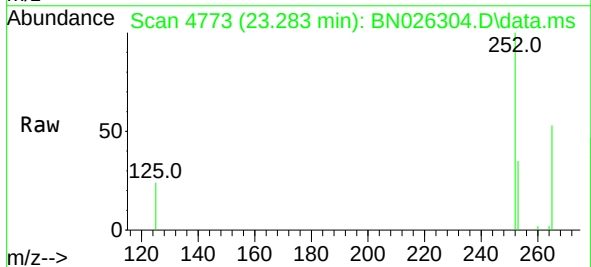
Instrument :
BNA_N
ClientSampleId :
SLCS591

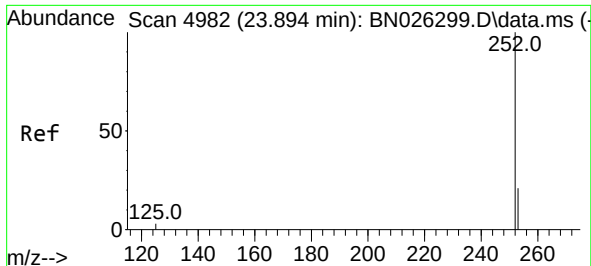
Tgt Ion:252 Resp: 16428
Ion Ratio Lower Upper
252 100
253 34.3 0.0 55.6
125 22.6 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.287 ng/ul
RT: 23.283 min Scan# 4773
Delta R.T. -0.010 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

Tgt Ion:252 Resp: 16472
Ion Ratio Lower Upper
252 100
253 34.6 23.2 34.8
125 23.7 15.0 22.4#

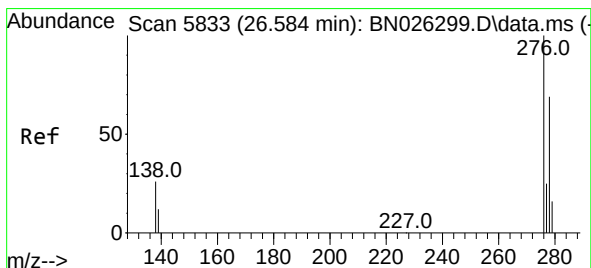
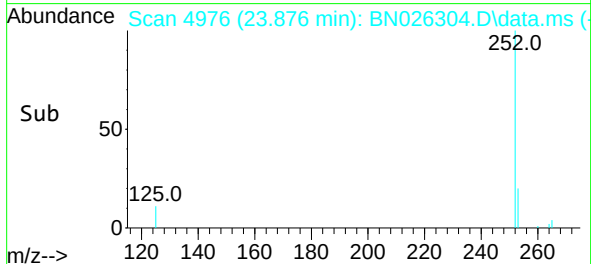
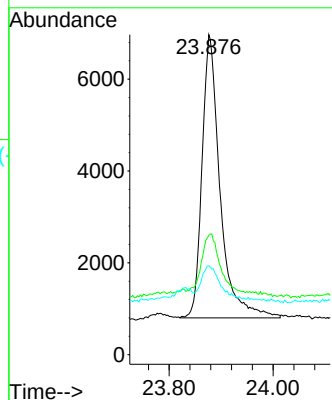
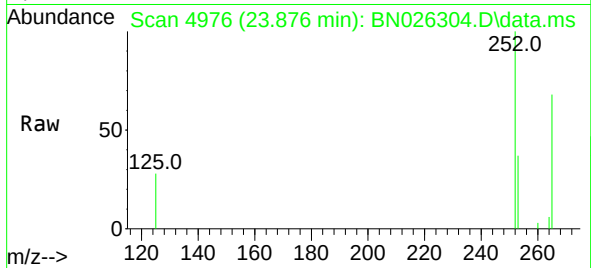




#26
Benzo(a)pyrene
Concen: 0.299 ng/ul
RT: 23.876 min Scan# 4982
Delta R.T. -0.013 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

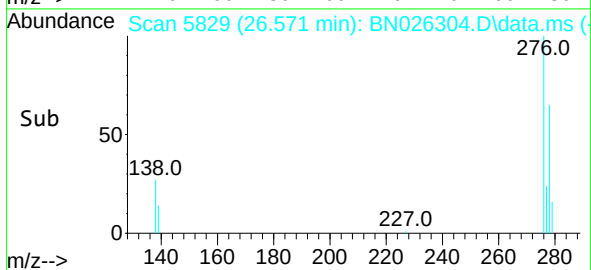
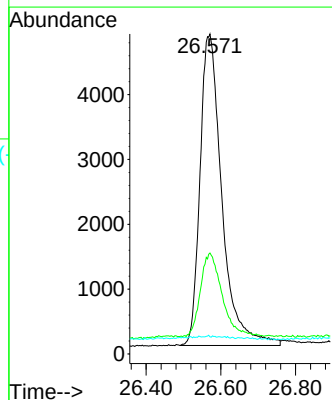
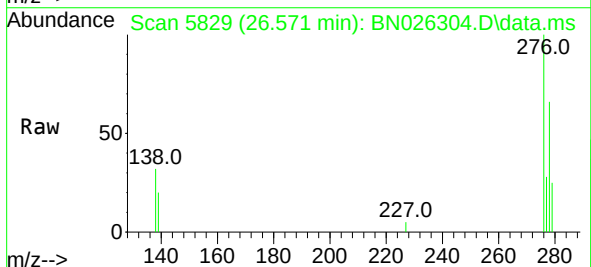
Instrument :
BNA_N
ClientSampleId :
SLCS591

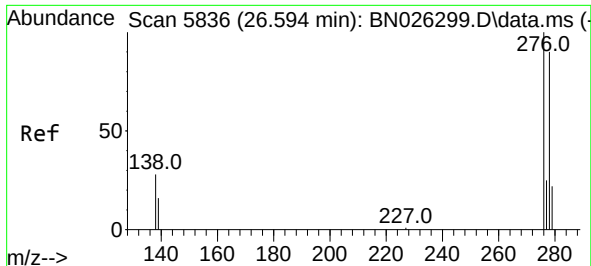
Tgt Ion:252 Resp: 14837
Ion Ratio Lower Upper
252 100
253 37.3 26.0 39.0
125 27.8 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng/ul
RT: 26.571 min Scan# 5829
Delta R.T. -0.011 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

Tgt Ion:276 Resp: 19486
Ion Ratio Lower Upper
276 100
138 26.5 24.5 36.7
227 0.2 0.0 0.0#

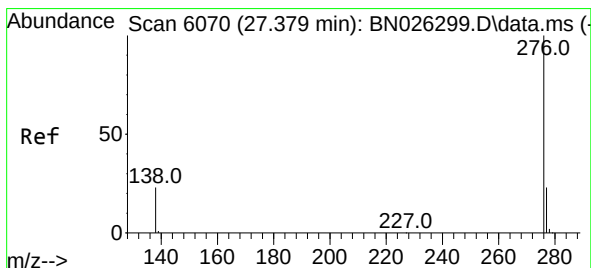
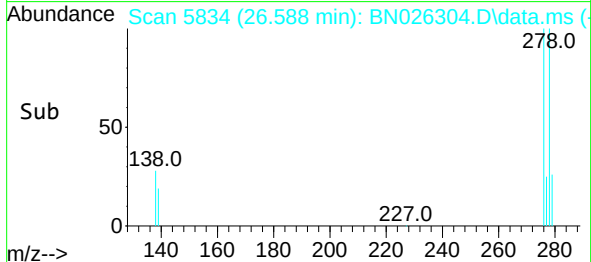
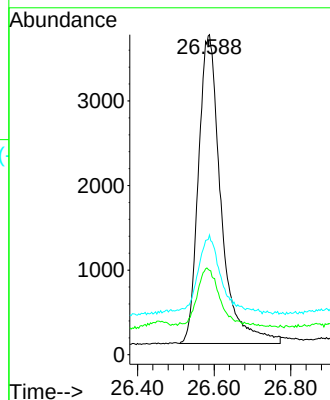
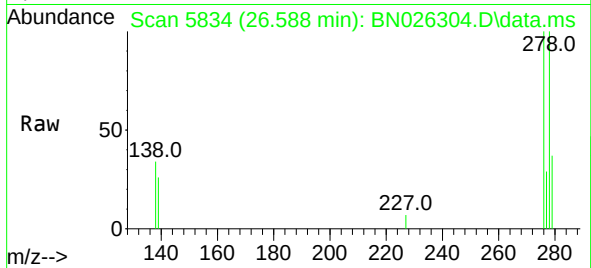




#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 26.588 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

Instrument :
BNA_N
ClientSampleId :
SLCS591

Tgt Ion:278 Resp: 14933
Ion Ratio Lower Upper
278 100
139 26.4 19.0 28.4
279 37.4 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 27.362 min Scan# 6065
Delta R.T. -0.018 min
Lab File: BN026304.D
Acq: 05 Jul 2023 22:24

Tgt Ion:276 Resp: 16966
Ion Ratio Lower Upper
276 100
138 29.0 23.4 35.0
277 27.3 20.0 30.0

