

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026229.D
 Acq On : 03 Jul 2023 16:51
 Operator : MA/JU
 Sample : PB153769BS
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS769

Quant Time: Jul 03 23:22:57 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

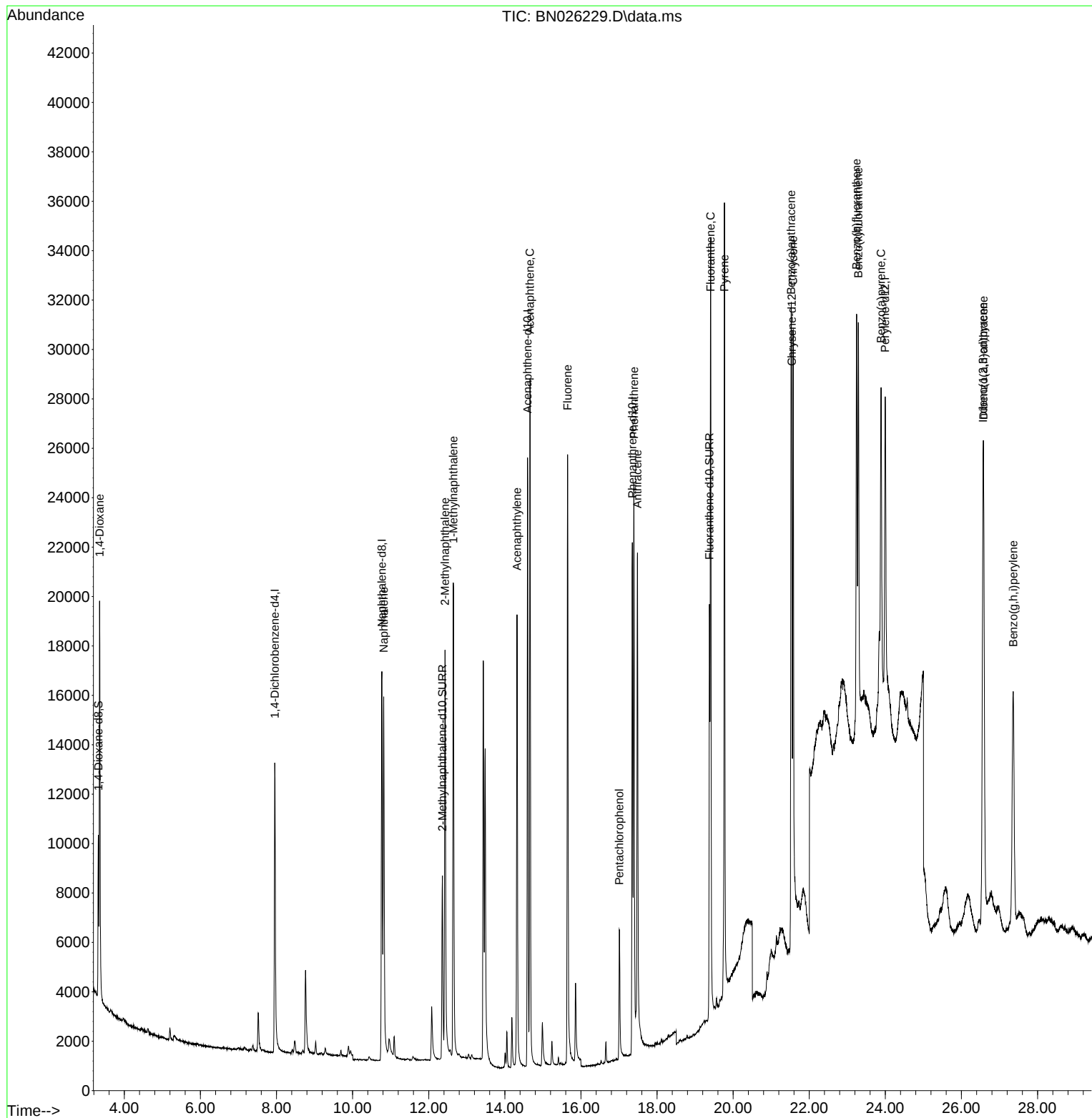
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	7994	0.400	ng/ul	0.00
4) Naphthalene-d8	10.769	136	25677	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	14665	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	27297	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	16687	0.400	ng/ul	# 0.00
23) Perylene-d12	23.995	264	17845	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	4352	0.483	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.358	152	11707	0.296	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	20503	0.323	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	11521	1.205	ng/ul#	86
5) Naphthalene	10.818	128	23027	0.313	ng/ul	100
7) 2-Methylnaphthalene	12.430	142	14054	0.300	ng/ul	99
8) 1-Methylnaphthalene	12.650	142	14715	0.303	ng/ul	100
10) Acenaphthylene	14.320	152	24351	0.355	ng/ul	100
11) Acenaphthene	14.662	153	17265	0.307	ng/ul	99
12) Fluorene	15.648	166	18836	0.292	ng/ul	100
14) Pentachlorophenol	17.009	266	4295	0.439	ng/ul	99
15) Phenanthrene	17.393	178	27570	0.306	ng/ul	99
16) Anthracene	17.486	178	26223	0.327	ng/ul	98
19) Fluoranthene	19.409	202	29194	0.328	ng/ul	99
20) Pyrene	19.771	202	30352	0.327	ng/ul	99
21) Benzo(a)anthracene	21.522	228	22366	0.325	ng/ul#	89
22) Chrysene	21.578	228	22393	0.313	ng/ul#	88
24) Benzo(b)fluoranthene	23.244	252	24109	0.317	ng/ul	81
25) Benzo(k)fluoranthene	23.291	252	23391	0.306	ng/ul#	81
26) Benzo(a)pyrene	23.887	252	22145	0.335	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.567	276	28666	0.397	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.580	278	22261	0.407	ng/ul#	88
29) Benzo(g,h,i)perylene	27.362	276	23457	0.365	ng/ul#	89

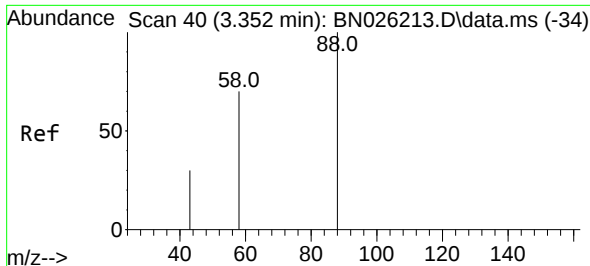
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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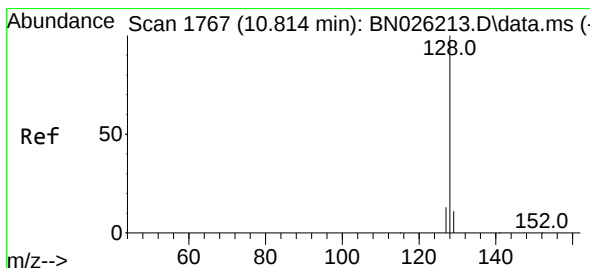
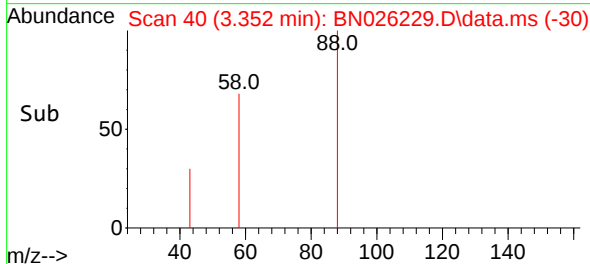
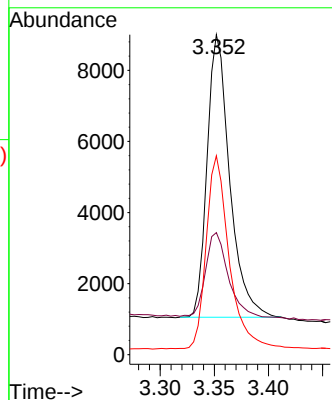
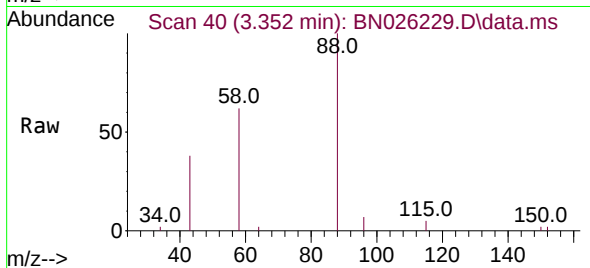




#2
1,4-Dioxane
Concen: 1.205 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. -0.008 min
Lab File: BN026229.D
Acq: 03 Jul 2023 16:51

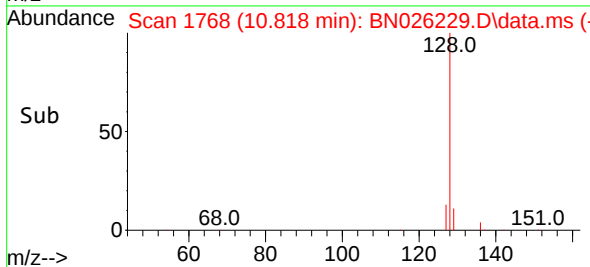
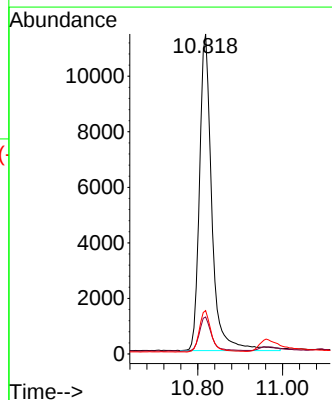
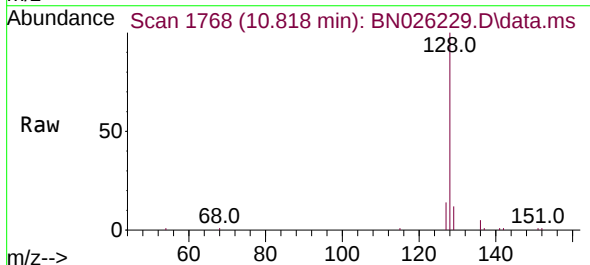
Instrument :
BNA_N
ClientSampleId :
SLCS769

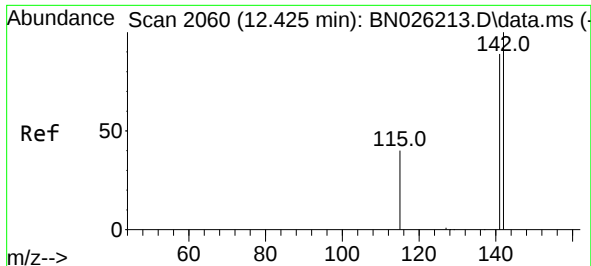
Tgt Ion: 88 Resp: 11521
Ion Ratio Lower Upper
88 100
43 38.1 29.5 44.3
58 62.1 37.4 56.2#



#5
Naphthalene
Concen: 0.313 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. -0.007 min
Lab File: BN026229.D
Acq: 03 Jul 2023 16:51

Tgt Ion:128 Resp: 23027
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.6 10.7 16.1

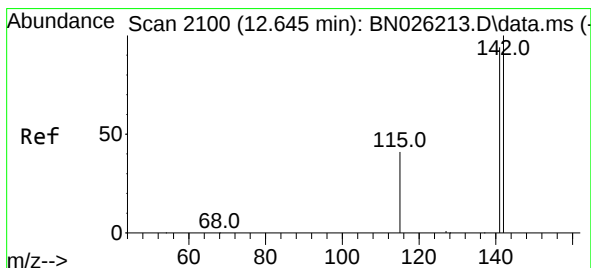
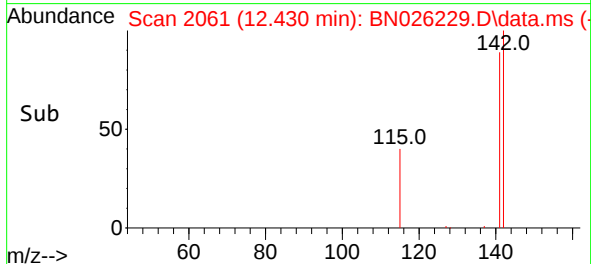
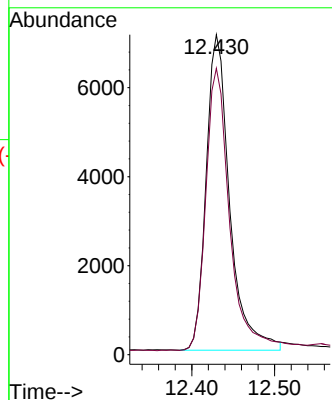
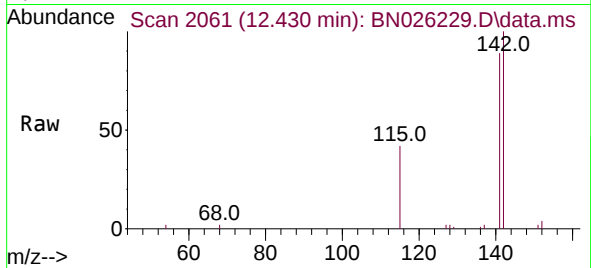




#7
2-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.430 min Scan# 2061
Delta R.T. -0.007 min
Lab File: BN026229.D
Acq: 03 Jul 2023 16:51

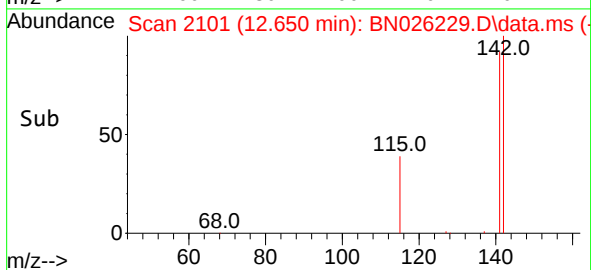
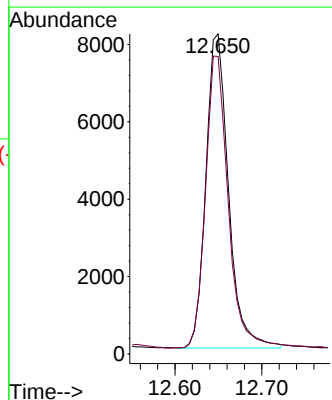
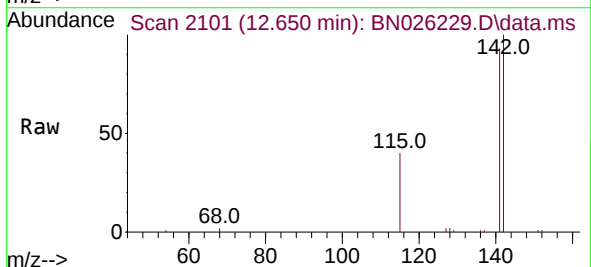
Instrument :
BNA_N
ClientSampleId :
SLCS769

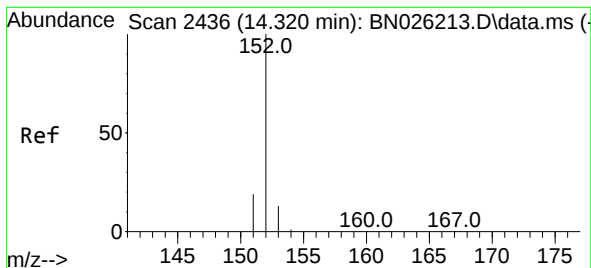
Tgt Ion:142 Resp: 14054
Ion Ratio Lower Upper
142 100
141 90.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.650 min Scan# 2101
Delta R.T. -0.001 min
Lab File: BN026229.D
Acq: 03 Jul 2023 16:51

Tgt Ion:142 Resp: 14715
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4





#10

Acenaphthylene

Concen: 0.355 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BN026229.D

Acq: 03 Jul 2023 16:51

Instrument :

BNA_N

ClientSampleId :

SLCS769

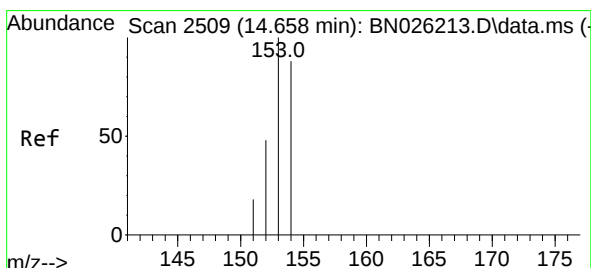
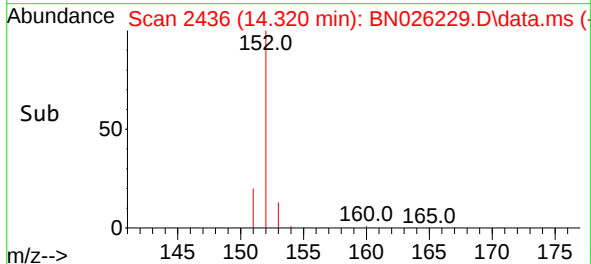
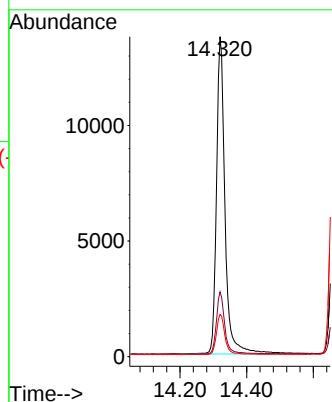
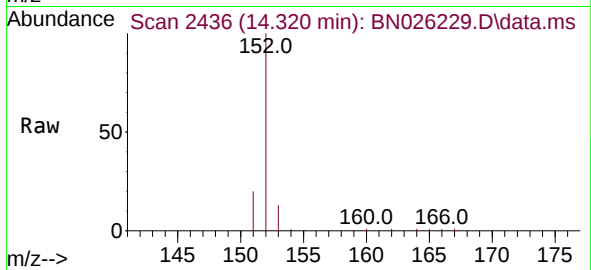
Tgt Ion:152 Resp: 24351

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.2 10.9 16.3



#11

Acenaphthene

Concen: 0.307 ng/ul

RT: 14.662 min Scan# 2510

Delta R.T. -0.006 min

Lab File: BN026229.D

Acq: 03 Jul 2023 16:51

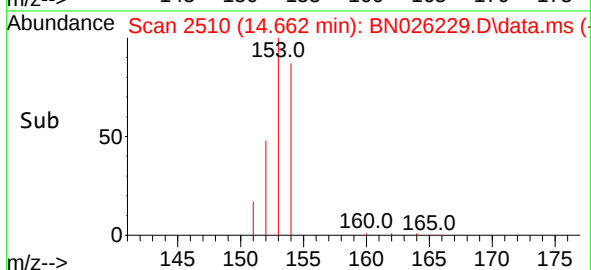
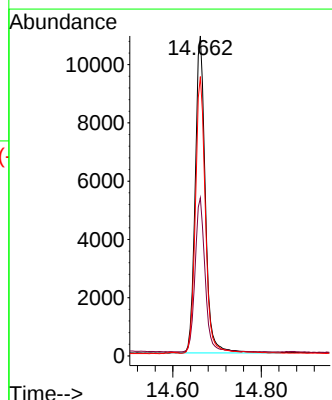
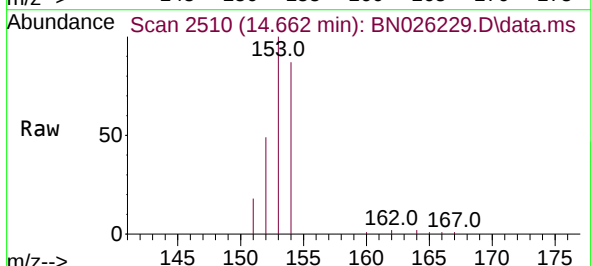
Tgt Ion:153 Resp: 17265

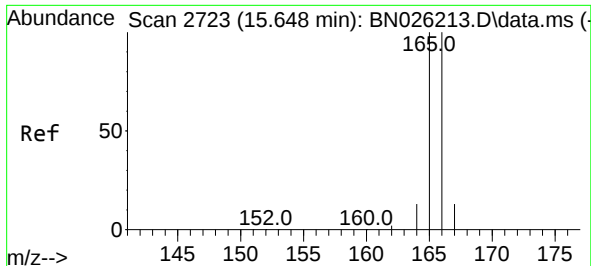
Ion Ratio Lower Upper

153 100

152 49.4 39.4 59.0

154 87.3 68.9 103.3

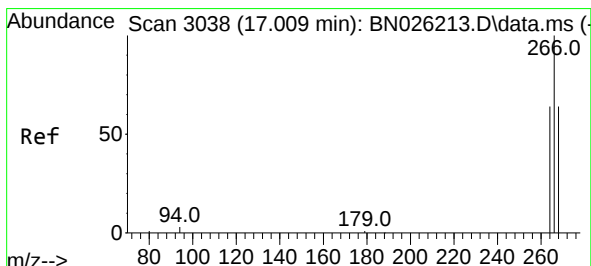
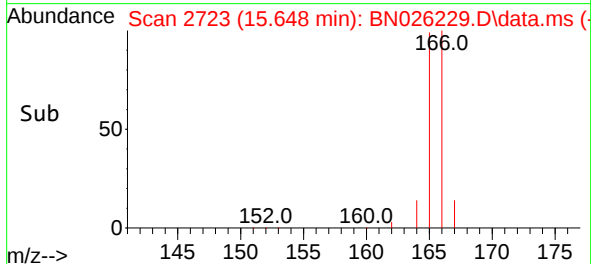
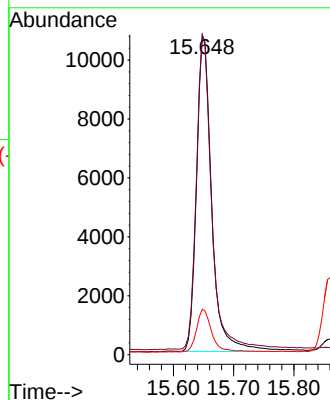
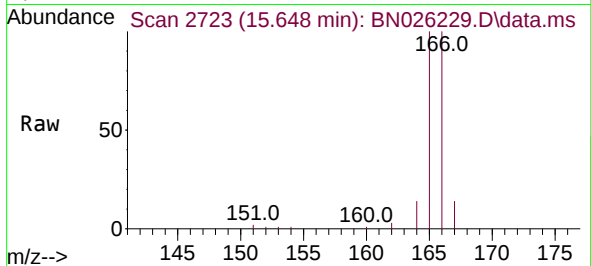




#12
 Fluorene
 Concen: 0.292 ng/ul
 RT: 15.648 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN026229.D
 Acq: 03 Jul 2023 16:51

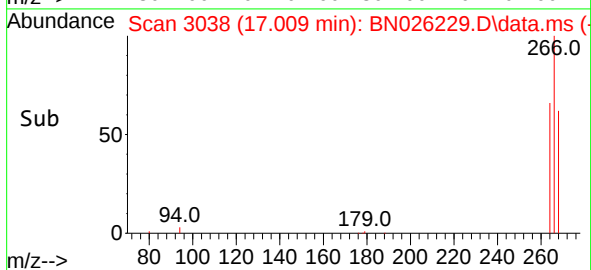
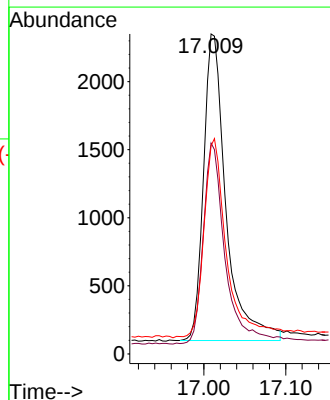
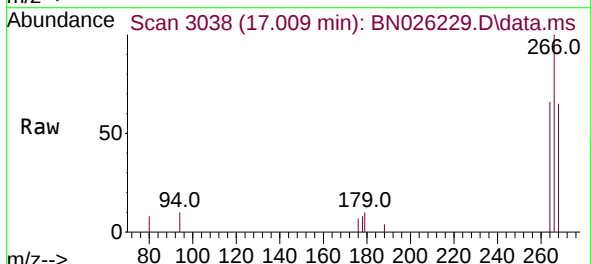
Instrument :
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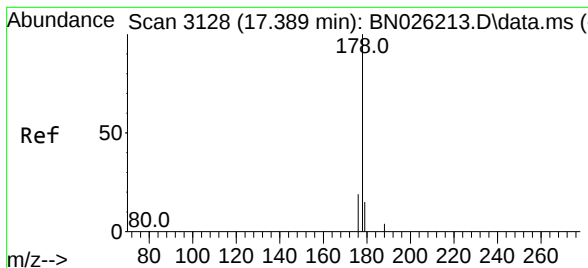
Tgt Ion:166 Resp: 18836
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.9 119.9
 167 14.2 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.439 ng/ul
 RT: 17.009 min Scan# 3038
 Delta R.T. -0.001 min
 Lab File: BN026229.D
 Acq: 03 Jul 2023 16:51

Tgt Ion:266 Resp: 4295
 Ion Ratio Lower Upper
 266 100
 264 64.2 50.5 75.7
 268 65.4 51.6 77.4





#15

Phenanthrene

Concen: 0.306 ng/u1

RT: 17.393 min Scan# 3129

Delta R.T. -0.001 min

Lab File: BN026229.D

Acq: 03 Jul 2023 16:51

Instrument :

BNA_N

ClientSampleId :

SLCS769

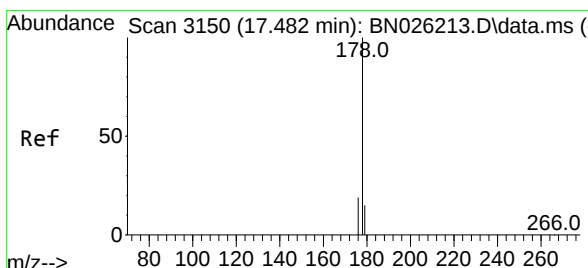
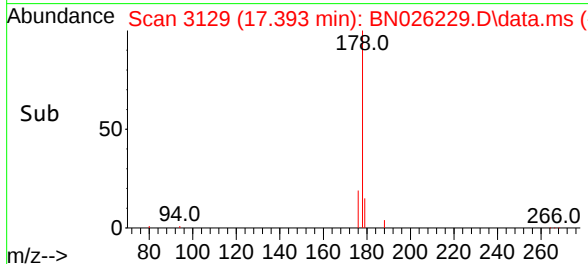
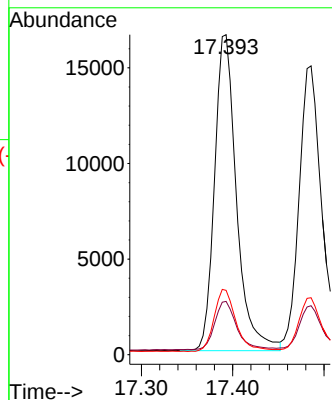
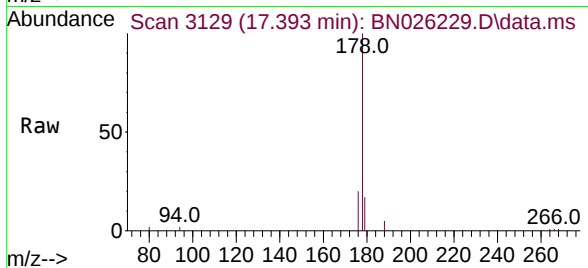
Tgt Ion:178 Resp: 27570

Ion Ratio Lower Upper

178 100

179 16.6 12.6 19.0

176 20.1 15.8 23.6



#16

Anthracene

Concen: 0.327 ng/u1

RT: 17.486 min Scan# 3151

Delta R.T. -0.001 min

Lab File: BN026229.D

Acq: 03 Jul 2023 16:51

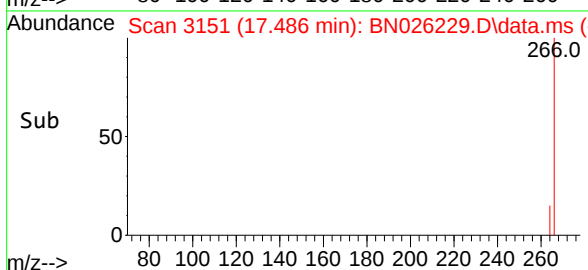
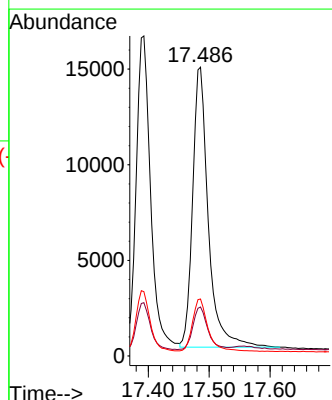
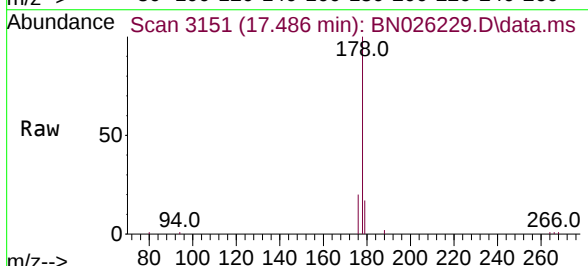
Tgt Ion:178 Resp: 26223

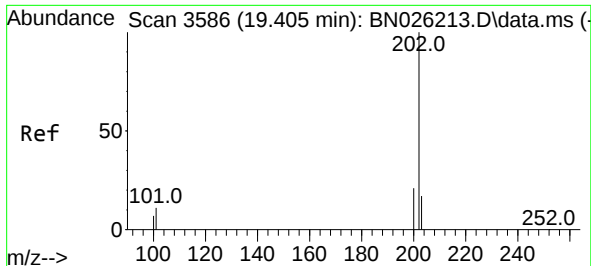
Ion Ratio Lower Upper

178 100

179 17.0 12.6 18.8

176 19.7 15.1 22.7





#19

Fluoranthene

Concen: 0.328 ng/ul

RT: 19.409 min Scan# 3586

Delta R.T. -0.002 min

Lab File: BN026229.D

Acq: 03 Jul 2023 16:51

Instrument :

BNA_N

ClientSampleId :

SLCS769

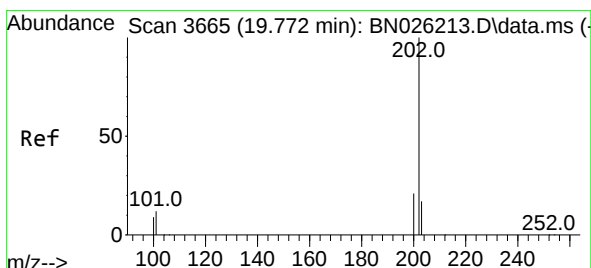
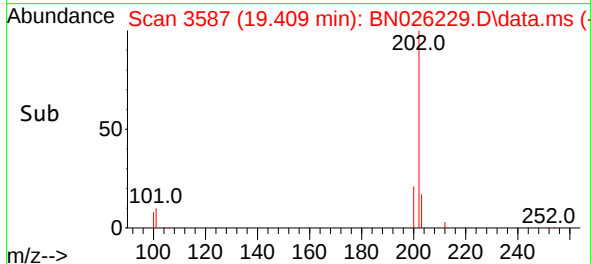
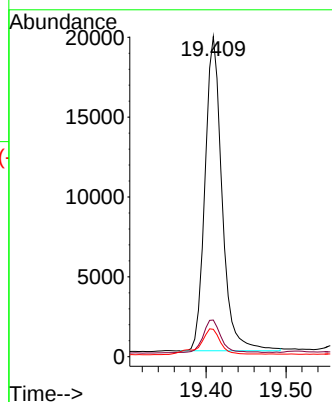
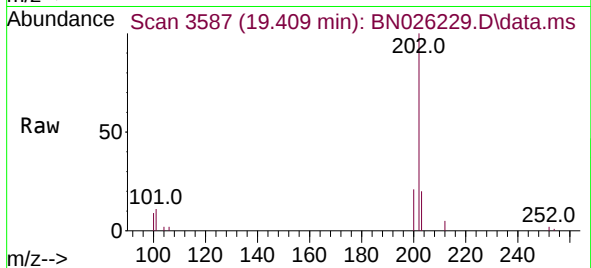
Tgt Ion:202 Resp: 29194

Ion Ratio Lower Upper

202 100

101 11.5 9.5 14.3

100 8.5 7.3 10.9



#20

Pyrene

Concen: 0.327 ng/ul

RT: 19.771 min Scan# 3665

Delta R.T. -0.002 min

Lab File: BN026229.D

Acq: 03 Jul 2023 16:51

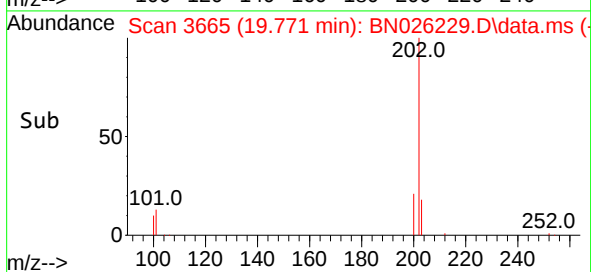
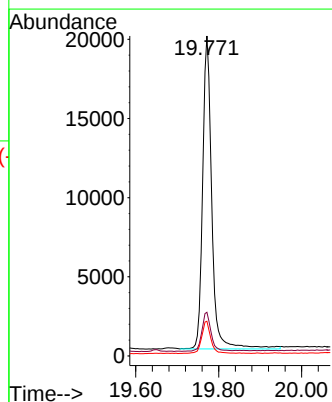
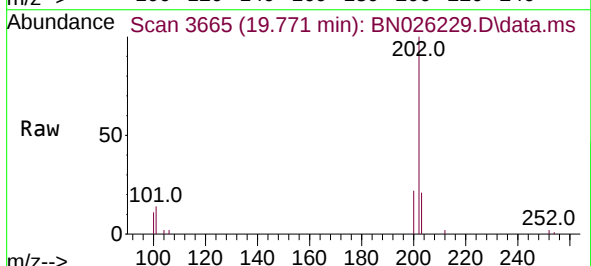
Tgt Ion:202 Resp: 30352

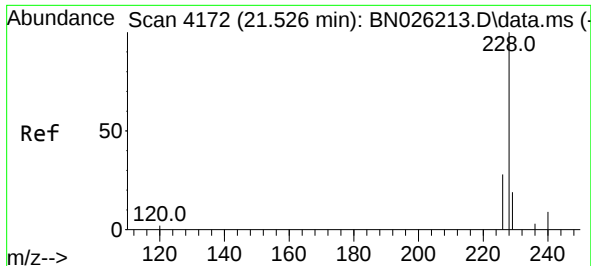
Ion Ratio Lower Upper

202 100

101 13.7 11.4 17.0

100 10.9 9.1 13.7

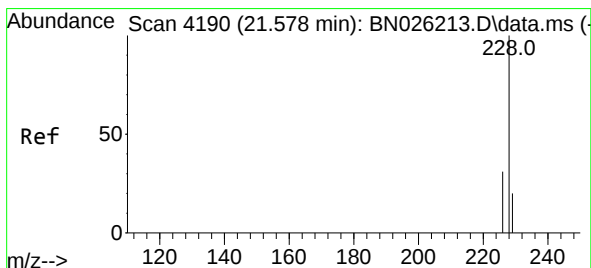
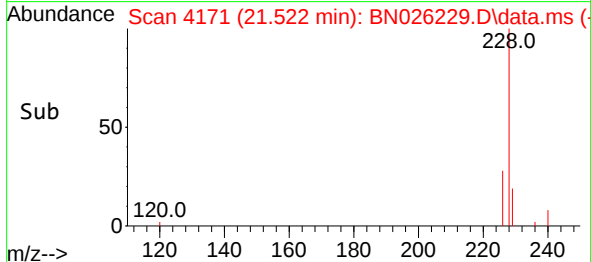
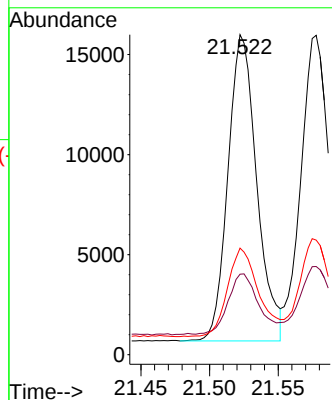
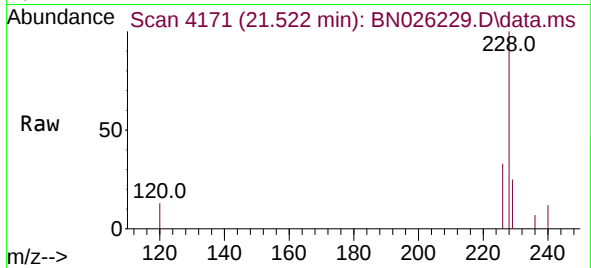




#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.522 min Scan# 4171
Delta R.T. -0.005 min
Lab File: BN026229.D
Acq: 03 Jul 2023 16:51

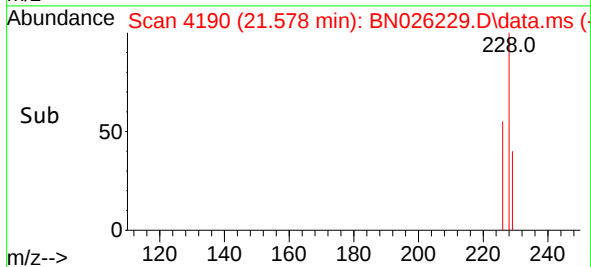
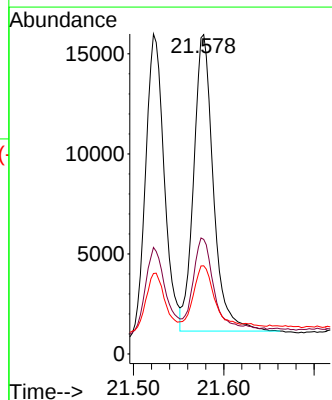
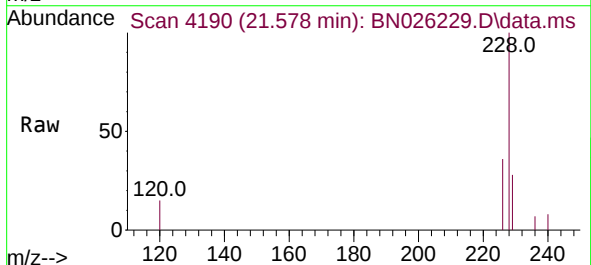
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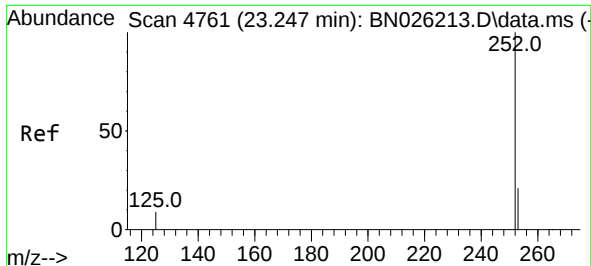
Tgt Ion:228 Resp: 22366
Ion Ratio Lower Upper
228 100
229 25.1 15.8 23.6#
226 33.3 22.5 33.7



#22
Chrysene
Concen: 0.313 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BN026229.D
Acq: 03 Jul 2023 16:51

Tgt Ion:228 Resp: 22393
Ion Ratio Lower Upper
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226 35.9 24.8 37.2
229 27.6 15.7 23.5#

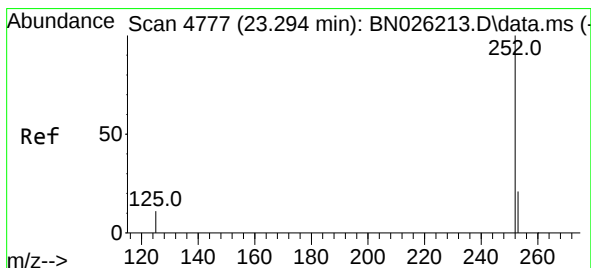
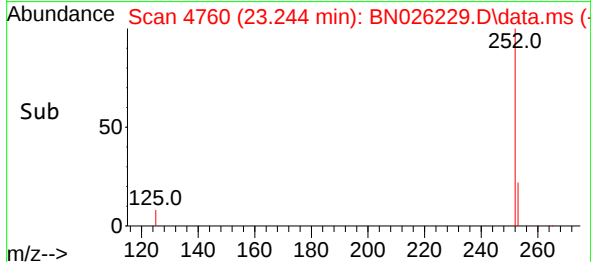
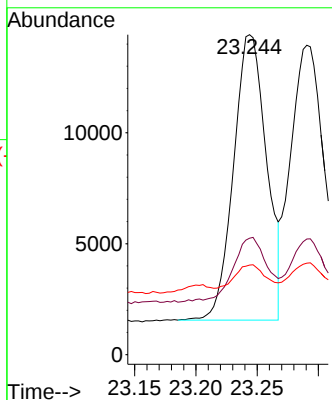
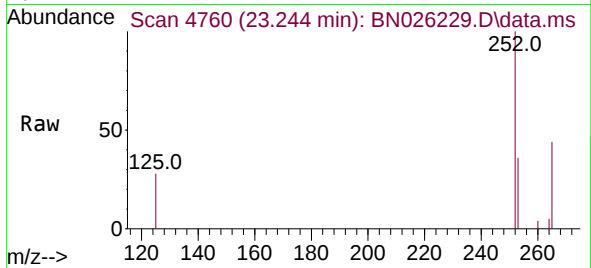




#24
Benzo(b)fluoranthene
Concen: 0.317 ng/ul
RT: 23.244 min Scan# 4760
Delta R.T. 0.001 min
Lab File: BN026229.D
Acq: 03 Jul 2023 16:51

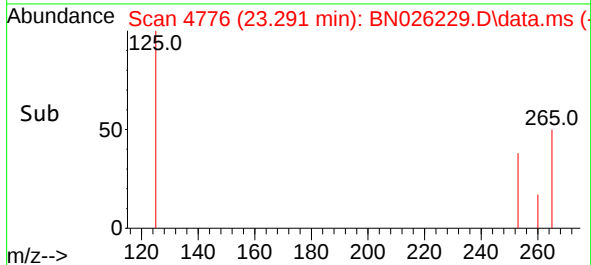
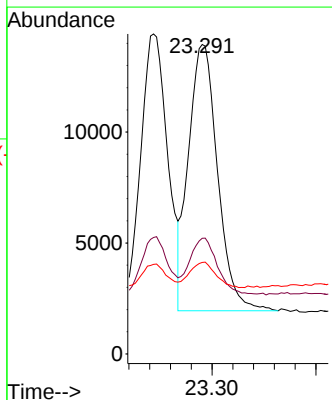
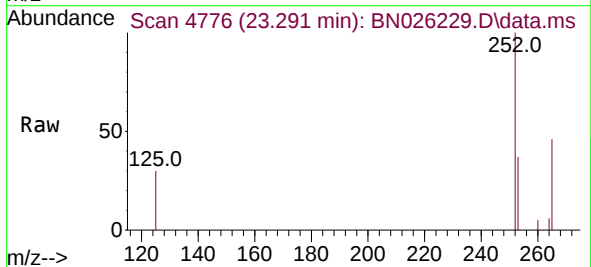
Instrument :
BNA_N
ClientSampleId :
SLCS769

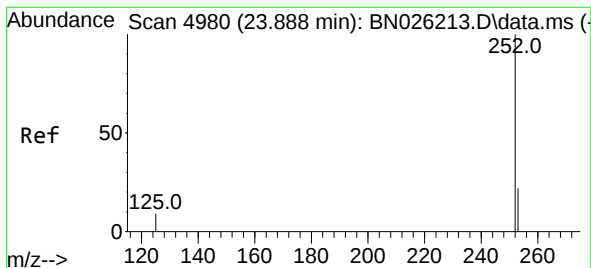
Tgt Ion:252 Resp: 24109
Ion Ratio Lower Upper
252 100
253 36.4 0.0 55.6
125 28.0 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul
RT: 23.291 min Scan# 4776
Delta R.T. -0.002 min
Lab File: BN026229.D
Acq: 03 Jul 2023 16:51

Tgt Ion:252 Resp: 23391
Ion Ratio Lower Upper
252 100
253 37.4 23.2 34.8#
125 29.6 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.335 ng/ul

RT: 23.887 min Scan# 4980

Delta R.T. 0.001 min

Lab File: BN026229.D

Acq: 03 Jul 2023 16:51

Instrument :

BNA_N

ClientSampleId :

SLCS769

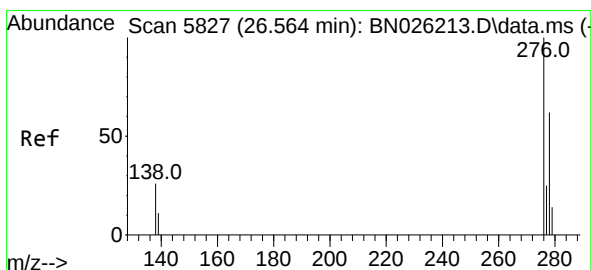
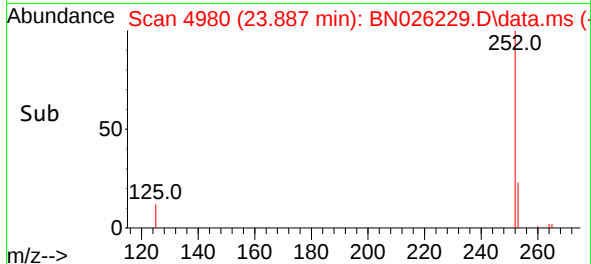
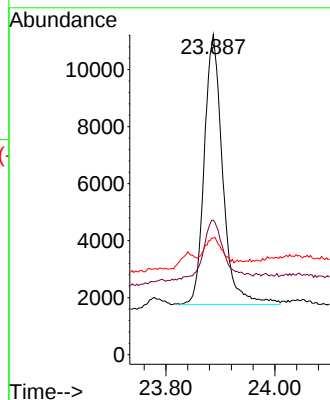
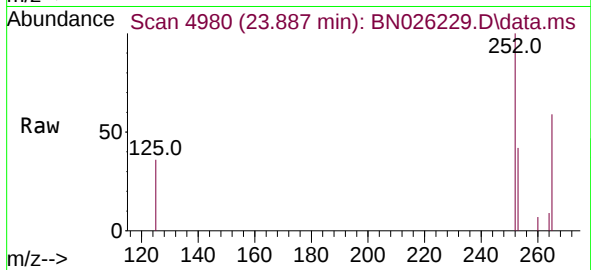
Tgt Ion:252 Resp: 22145

Ion Ratio Lower Upper

252 100

253 42.1 26.0 39.0#

125 36.5 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.397 ng/ul

RT: 26.567 min Scan# 5828

Delta R.T. 0.008 min

Lab File: BN026229.D

Acq: 03 Jul 2023 16:51

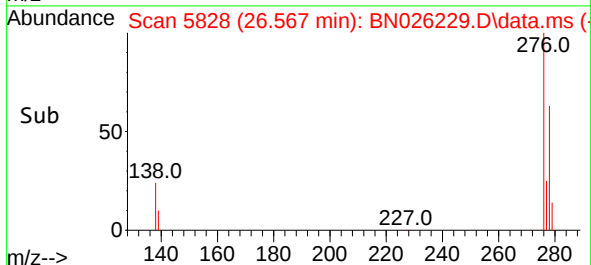
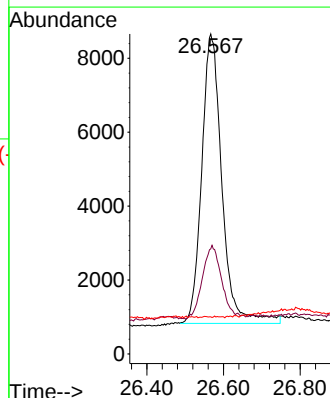
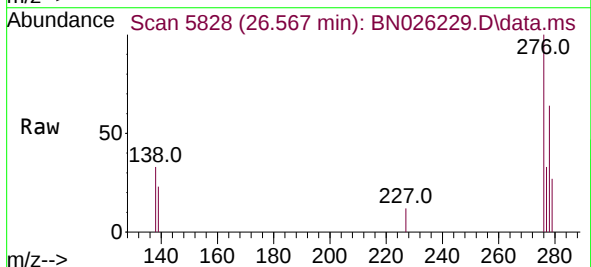
Tgt Ion:276 Resp: 28666

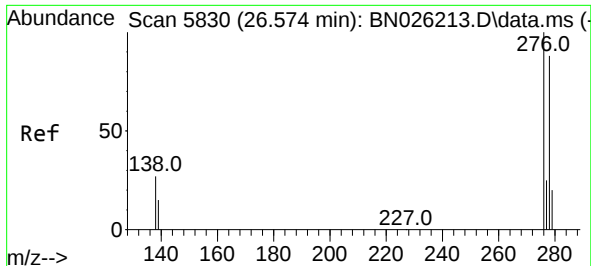
Ion Ratio Lower Upper

276 100

138 24.6 24.5 36.7

227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.407 ng/ul

RT: 26.580 min Scan# 5832

Delta R.T. 0.002 min

Lab File: BN026229.D

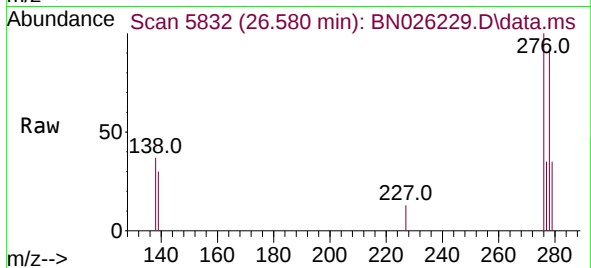
Acq: 03 Jul 2023 16:51

Instrument :

BNA_N

ClientSampleId :

SLCS769



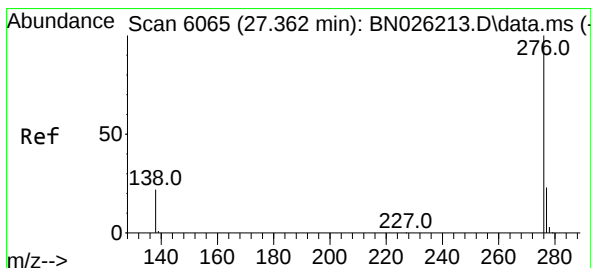
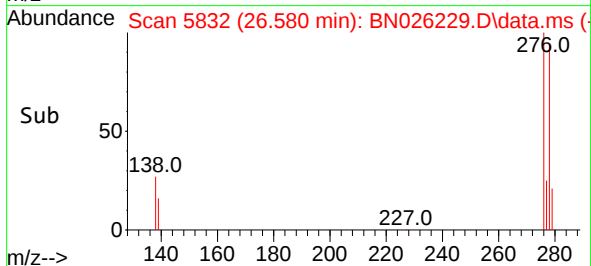
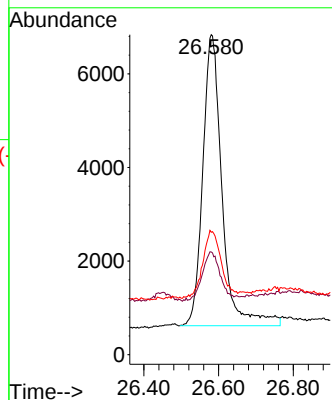
Tgt Ion:278 Resp: 22261

Ion Ratio Lower Upper

278 100

139 32.1 19.0 28.4#

279 38.2 26.7 40.1



#29

Benzo(g,h,i)perylene

Concen: 0.365 ng/ul

RT: 27.362 min Scan# 6065

Delta R.T. 0.015 min

Lab File: BN026229.D

Acq: 03 Jul 2023 16:51

Tgt Ion:276 Resp: 23457

Ion Ratio Lower Upper

276 100

138 31.8 23.4 35.0

277 34.4 20.0 30.0#

