

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026577.D
 Acq On : 18 Jul 2023 23:34
 Operator : MA/JU
 Sample : PB154088BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS088

Quant Time: Jul 19 00:54:53 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 19 00:52:36 2023
 Response via : Initial Calibration

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

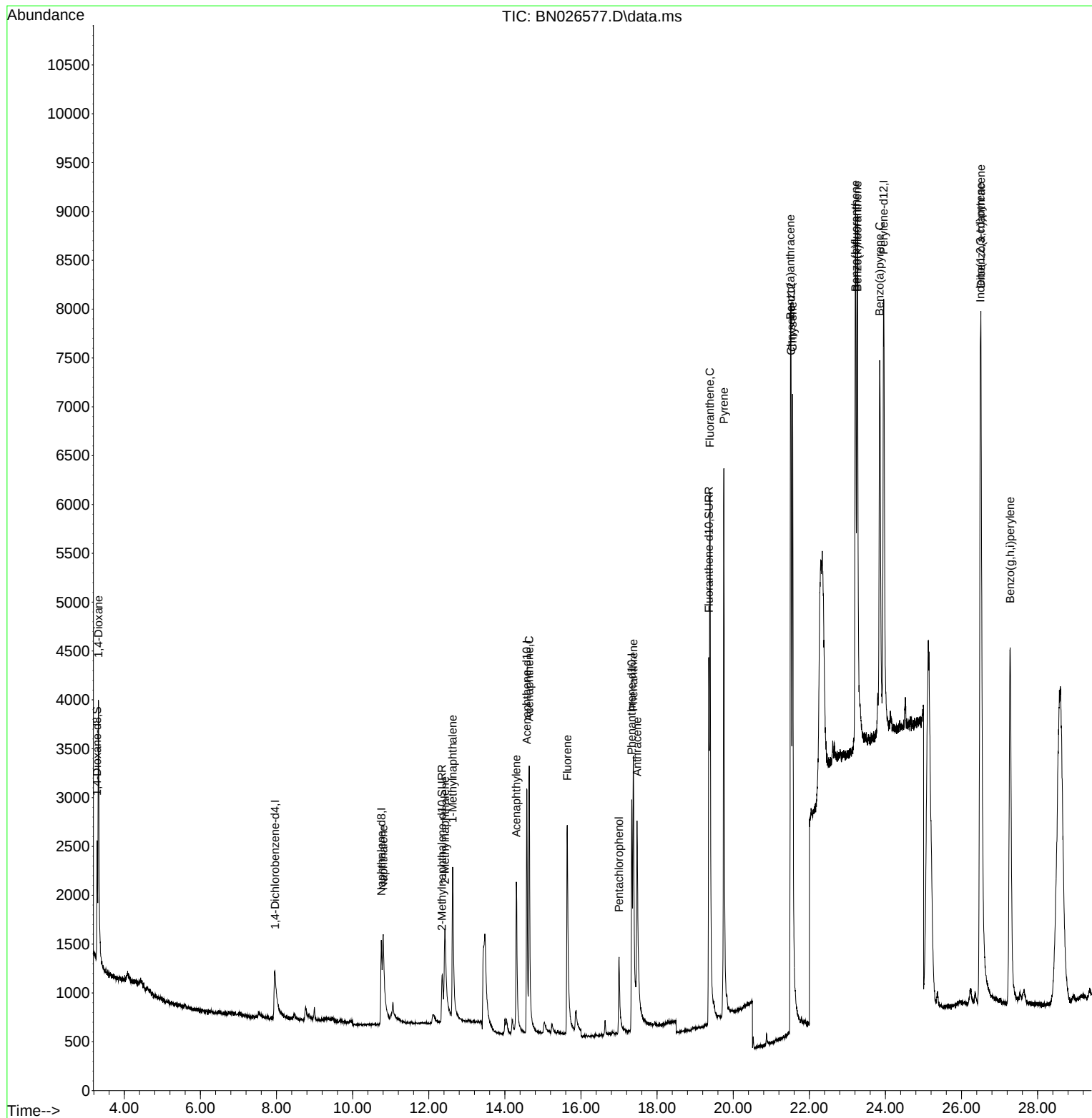
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	815	0.400	ng/ul	# 0.01
4) Naphthalene-d8	10.754	136	2525	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	1878	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	4379	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	5709	0.400	ng/ul	# 0.00
23) Perylene-d12	23.955	264	7641	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	904	0.842	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	1351	0.394	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	5868	0.296	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	2165	2.132	ng/ul	93
5) Naphthalene	10.803	128	2185	0.315	ng/ul#	86
7) 2-Methylnaphthalene	12.425	142	1254	0.319	ng/ul	98
8) 1-Methylnaphthalene	12.629	142	1561	0.370	ng/ul	98
10) Acenaphthylene	14.302	152	2799	0.304	ng/ul	94
11) Acenaphthene	14.640	153	2152	0.307	ng/ul	96
12) Fluorene	15.639	166	2497	0.340	ng/ul#	95
14) Pentachlorophenol	17.001	266	875	0.792	ng/ul	96
15) Phenanthrene	17.376	178	4162	0.298	ng/ul	96
16) Anthracene	17.474	178	3872	0.320	ng/ul	96
19) Fluoranthene	19.391	202	6350	0.237	ng/ul#	95
20) Pyrene	19.754	202	6993	0.241	ng/ul	96
21) Benzo(a)anthracene	21.506	228	6520	0.311	ng/ul	99
22) Chrysene	21.561	228	7530	0.315	ng/ul	99
24) Benzo(b)fluoranthene	23.212	252	8690	0.292	ng/ul	95
25) Benzo(k)fluoranthene	23.262	252	9619	0.308	ng/ul#	95
26) Benzo(a)pyrene	23.850	252	8282	0.313	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.494	276	12490	0.360	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.511	278	10040	0.377	ng/ul#	92
29) Benzo(g,h,i)perylene	27.279	276	10602	0.346	ng/ul#	88

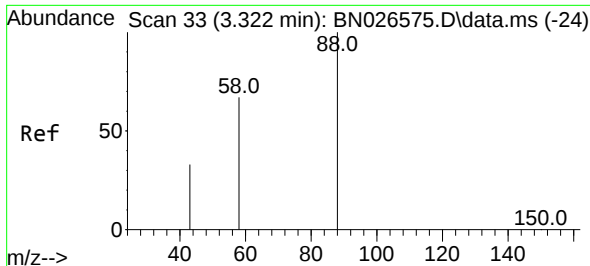
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 19 00:54:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:52:36 2023
Response via : Initial Calibration

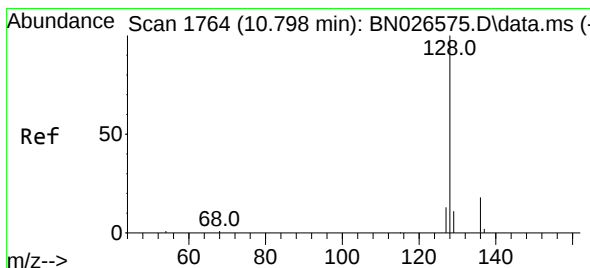
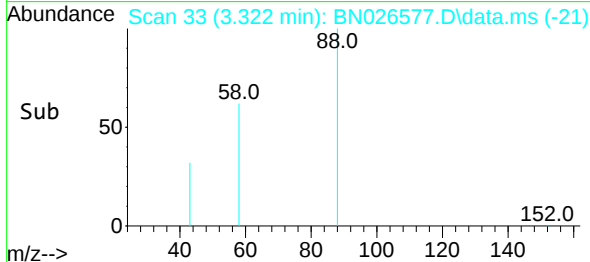
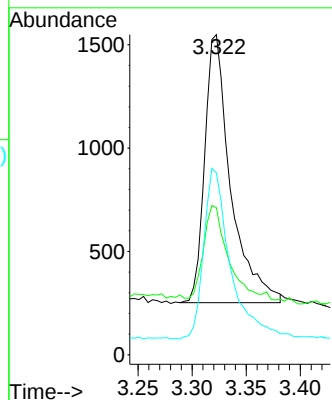
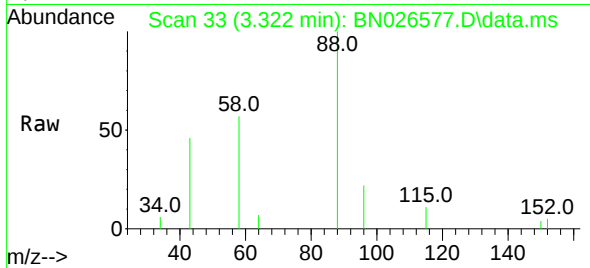




#2
 1,4-Dioxane
 Concen: 2.132 ng/ul
 RT: 3.322 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN026577.D
 Acq: 18 Jul 2023 23:34

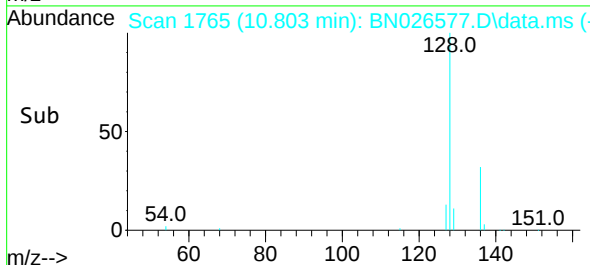
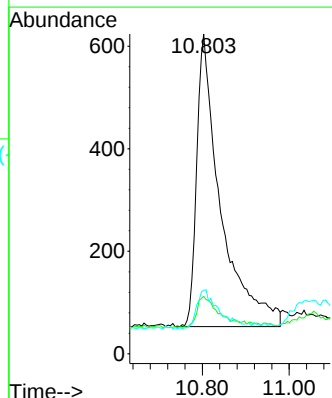
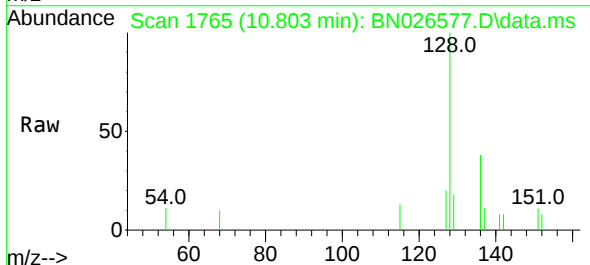
Instrument :
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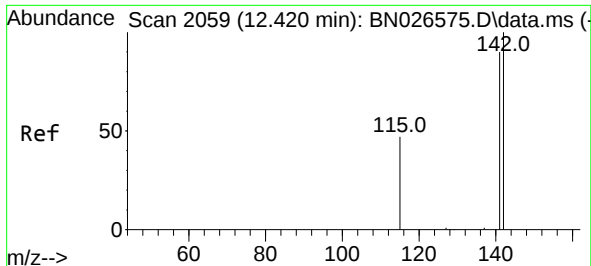
Tgt Ion: 88 Resp: 2165
 Ion Ratio Lower Upper
 88 100
 43 46.0 33.0 49.6
 58 56.9 41.7 62.5



#5
 Naphthalene
 Concen: 0.315 ng/ul
 RT: 10.803 min Scan# 1765
 Delta R.T. 0.006 min
 Lab File: BN026577.D
 Acq: 18 Jul 2023 23:34

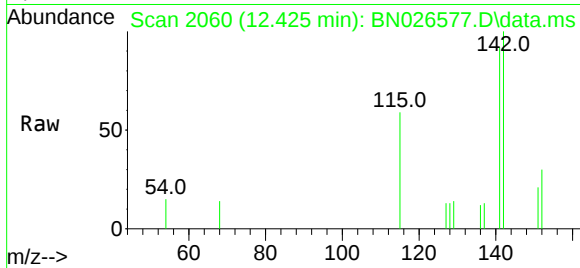
Tgt Ion: 128 Resp: 2185
 Ion Ratio Lower Upper
 128 100
 129 17.9 10.2 15.2#
 127 19.9 11.4 17.0#



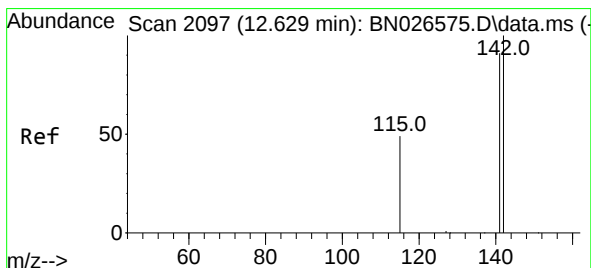
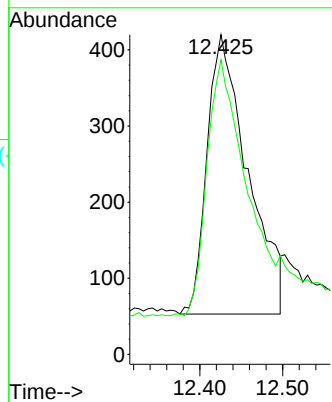
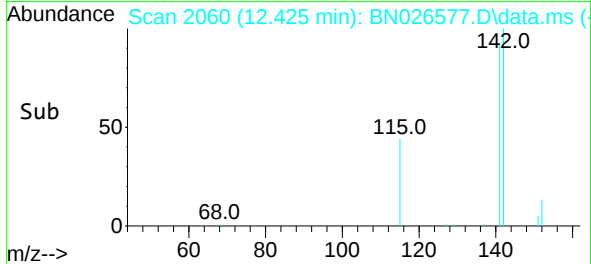


#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.425 min Scan# 2059
Delta R.T. 0.006 min
Lab File: BN026577.D
Acq: 18 Jul 2023 23:34

Instrument :
BNA_N
ClientSampleId :
SLCS088

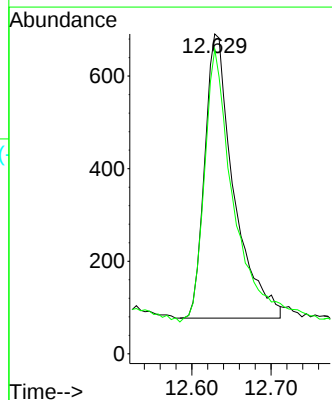
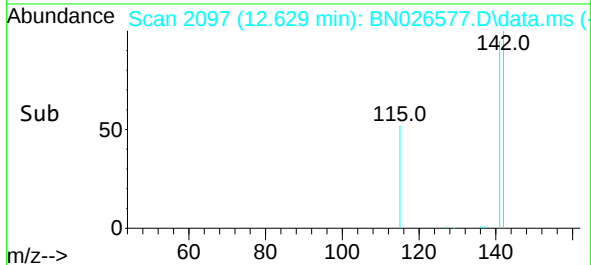
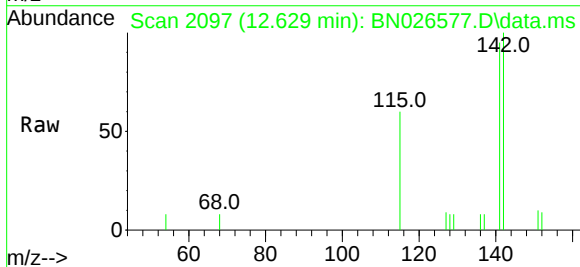


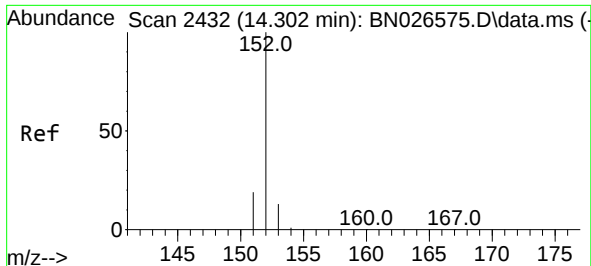
Tgt Ion:142 Resp: 1254
Ion Ratio Lower Upper
142 100
141 92.0 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN026577.D
Acq: 18 Jul 2023 23:34

Tgt Ion:142 Resp: 1561
Ion Ratio Lower Upper
142 100
141 95.0 74.5 111.7

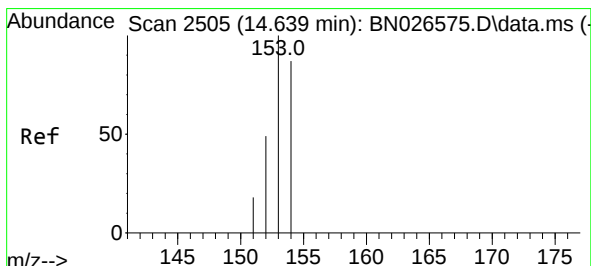
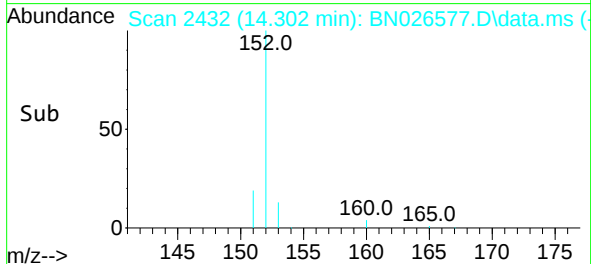
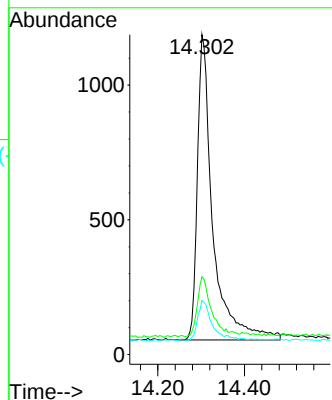
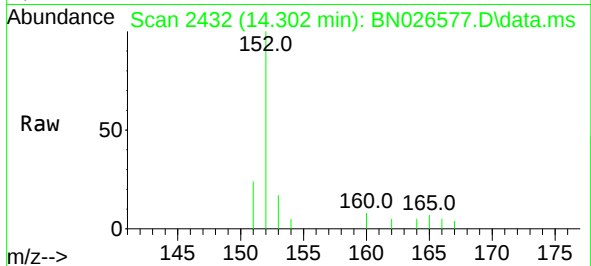




#10
Acenaphthylene
Concen: 0.304 ng/ul
RT: 14.302 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN026577.D
Acq: 18 Jul 2023 23:34

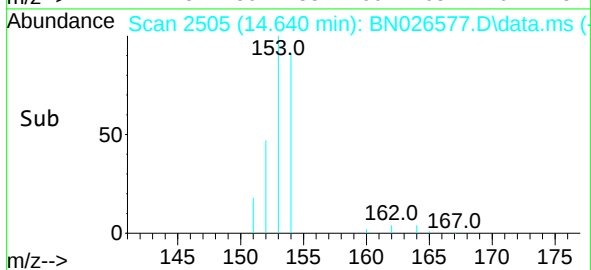
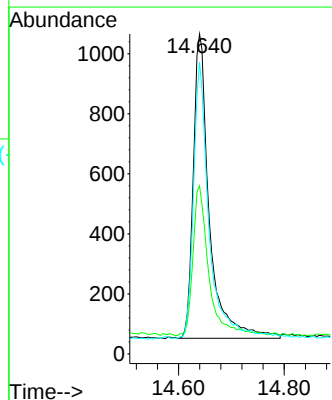
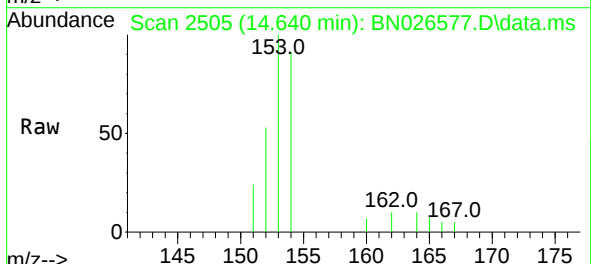
Instrument :
BNA_N
ClientSampleId :
SLCS088

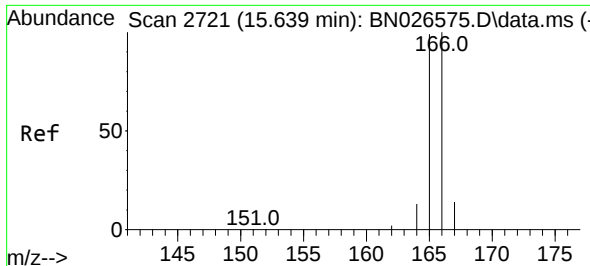
Tgt Ion:152 Resp: 2799
Ion Ratio Lower Upper
152 100
151 24.3 17.0 25.6
153 16.9 11.4 17.2



#11
Acenaphthene
Concen: 0.307 ng/ul
RT: 14.640 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN026577.D
Acq: 18 Jul 2023 23:34

Tgt Ion:153 Resp: 2152
Ion Ratio Lower Upper
153 100
152 52.5 40.2 60.4
154 91.3 69.3 103.9

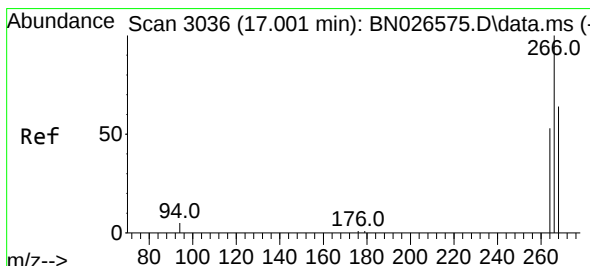
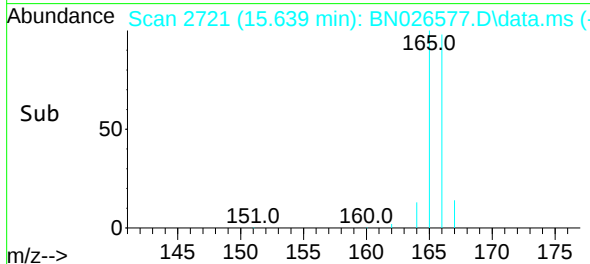
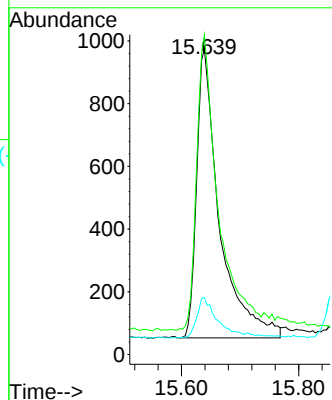
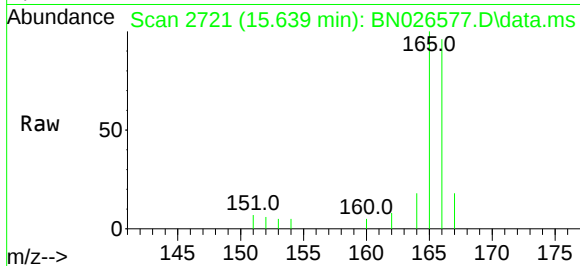




#12
 Fluorene
 Concen: 0.340 ng/ul
 RT: 15.639 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN026577.D
 Acq: 18 Jul 2023 23:34

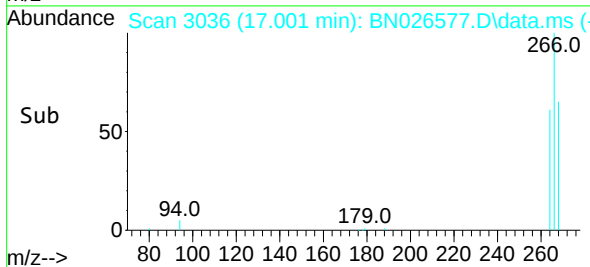
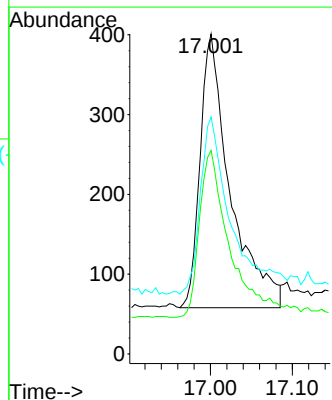
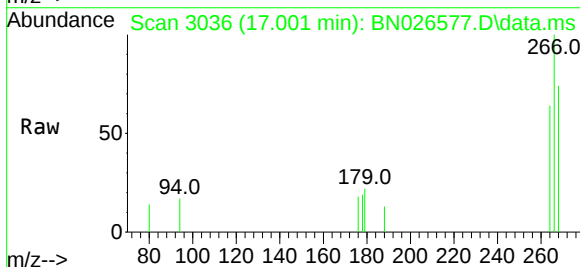
Instrument :
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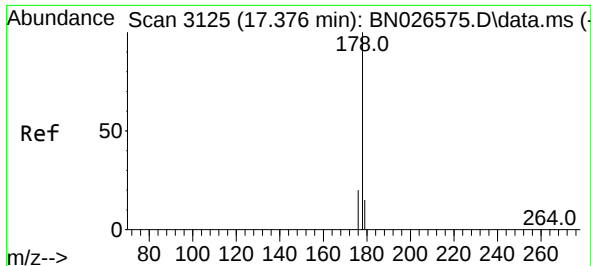
Tgt Ion:166 Resp: 2497
 Ion Ratio Lower Upper
 166 100
 165 104.6 80.6 120.8
 167 18.7 12.0 18.0#



#14
 Pentachlorophenol
 Concen: 0.792 ng/ul
 RT: 17.001 min Scan# 3036
 Delta R.T. 0.000 min
 Lab File: BN026577.D
 Acq: 18 Jul 2023 23:34

Tgt Ion:266 Resp: 875
 Ion Ratio Lower Upper
 266 100
 264 60.5 52.0 78.0
 268 65.1 53.0 79.6

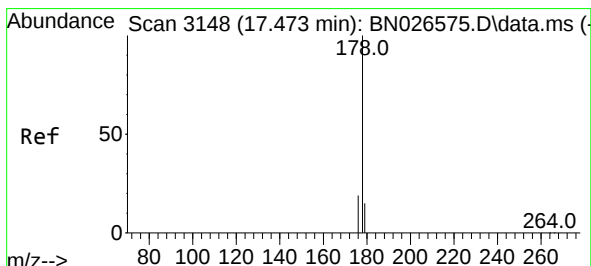
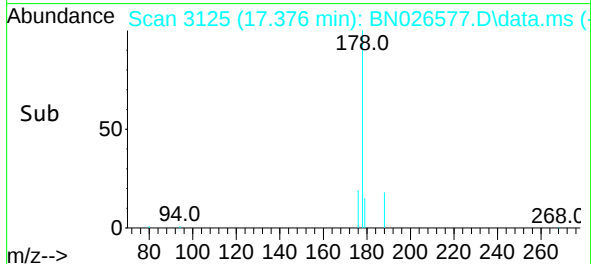
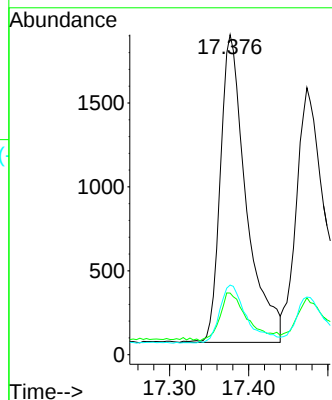
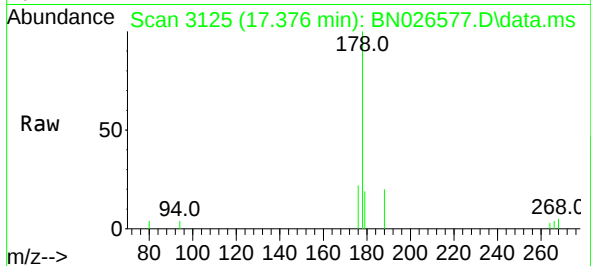




#15
Phenanthrene
Concen: 0.298 ng/u1
RT: 17.376 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN026577.D
Acq: 18 Jul 2023 23:34

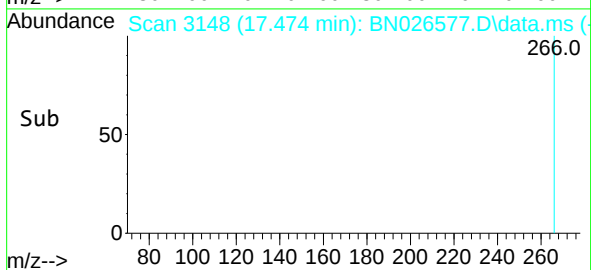
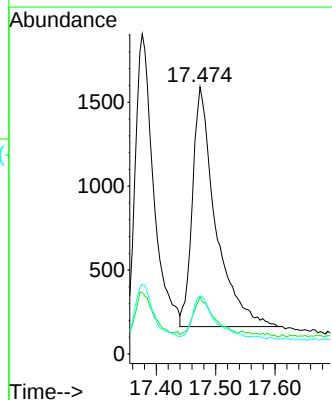
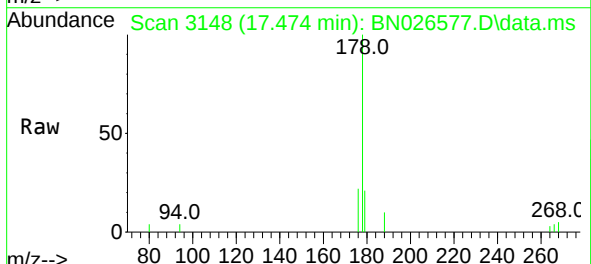
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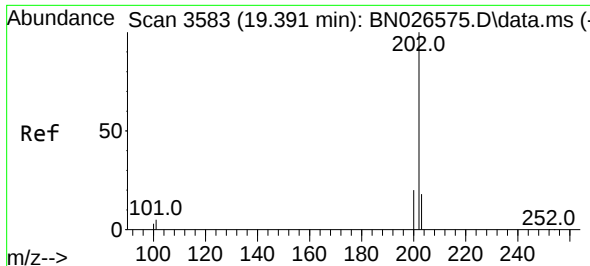
Tgt Ion:178 Resp: 4162
Ion Ratio Lower Upper
178 100
179 19.2 13.7 20.5
176 21.8 16.5 24.7



#16
Anthracene
Concen: 0.320 ng/u1
RT: 17.474 min Scan# 3148
Delta R.T. 0.000 min
Lab File: BN026577.D
Acq: 18 Jul 2023 23:34

Tgt Ion:178 Resp: 3872
Ion Ratio Lower Upper
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179 21.4 14.8 22.2
176 21.6 16.6 25.0

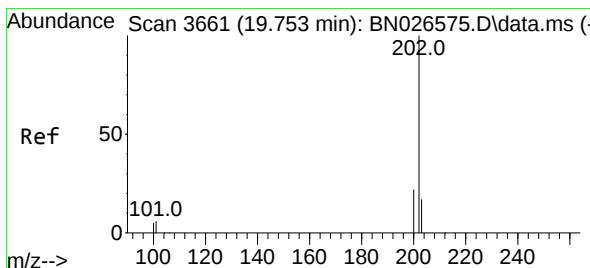
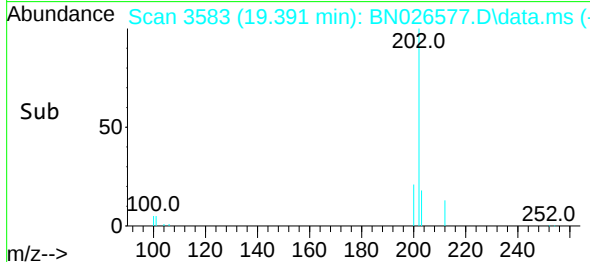
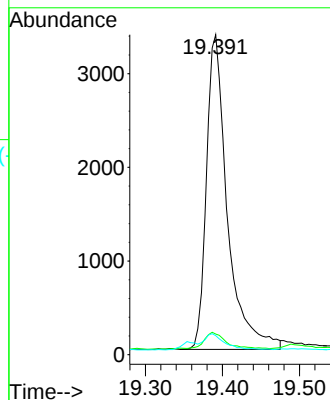
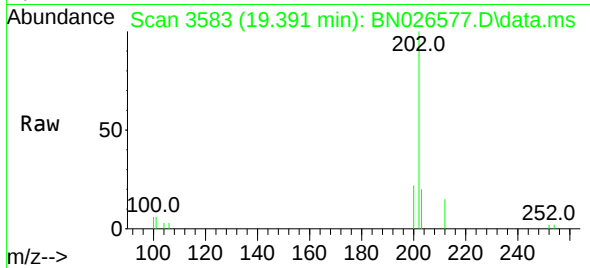




#19
Fluoranthene
Concen: 0.237 ng/ul
RT: 19.391 min Scan# 3583
Delta R.T. 0.001 min
Lab File: BN026577.D
Acq: 18 Jul 2023 23:34

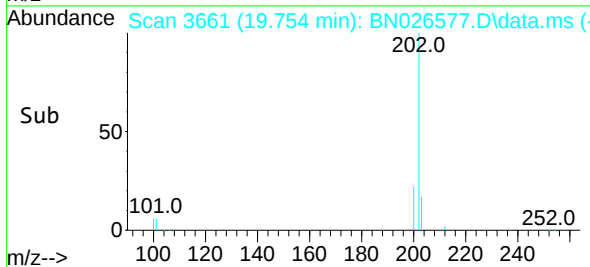
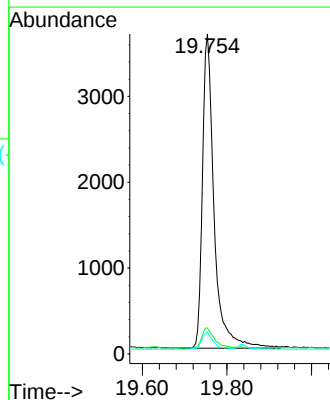
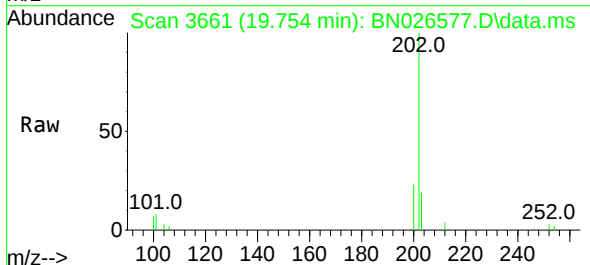
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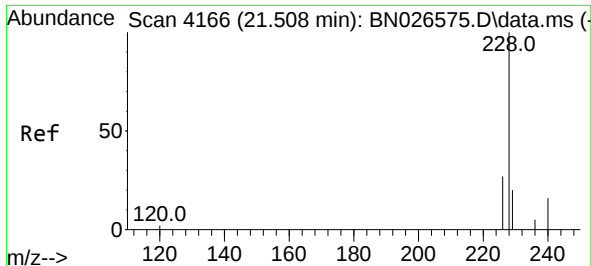
Tgt Ion:202 Resp: 6350
Ion Ratio Lower Upper
202 100
101 6.4 7.0 10.4#
100 6.0 6.0 9.0#



#20
Pyrene
Concen: 0.241 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. 0.001 min
Lab File: BN026577.D
Acq: 18 Jul 2023 23:34

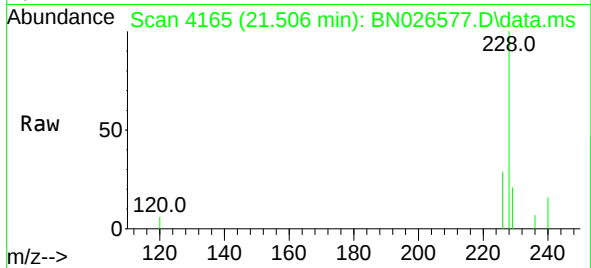
Tgt Ion:202 Resp: 6993
Ion Ratio Lower Upper
202 100
101 8.1 8.0 12.0
100 6.9 6.2 9.2



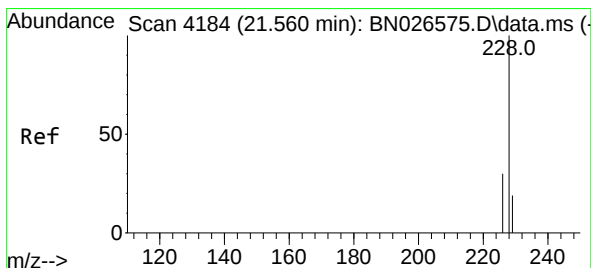
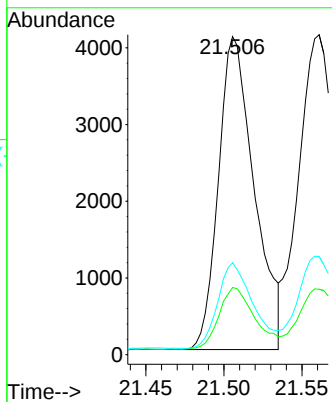
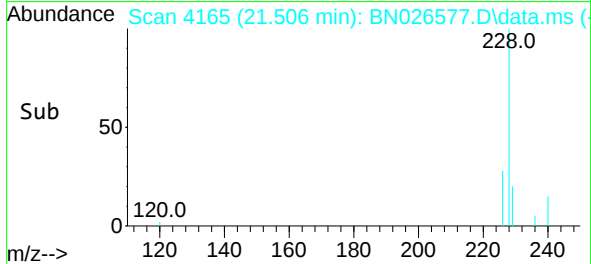


#21
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.506 min Scan# 4165
Delta R.T. -0.002 min
Lab File: BN026577.D
Acq: 18 Jul 2023 23:34

Instrument :
BNA_N
ClientSampleId :
SLCS088

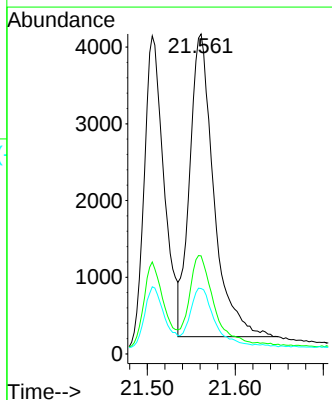
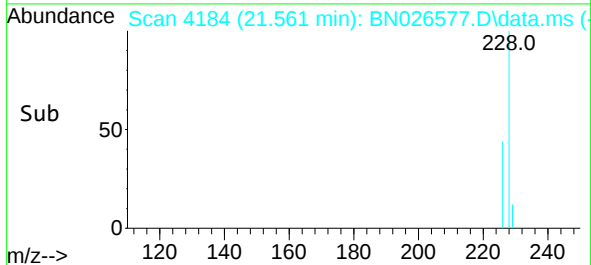
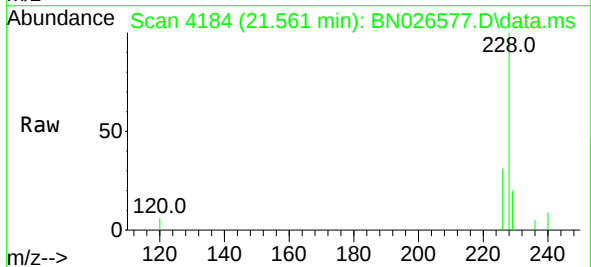


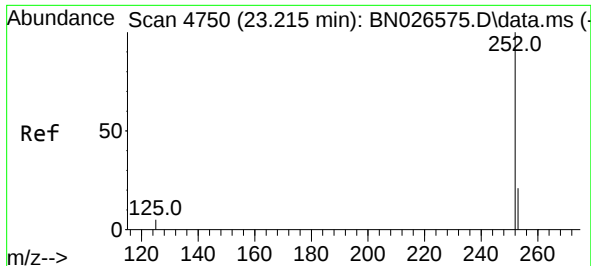
Tgt Ion:228 Resp: 6520
Ion Ratio Lower Upper
228 100
229 21.1 16.7 25.1
226 28.9 23.5 35.3



#22
Chrysene
Concen: 0.315 ng/ul
RT: 21.561 min Scan# 4184
Delta R.T. 0.001 min
Lab File: BN026577.D
Acq: 18 Jul 2023 23:34

Tgt Ion:228 Resp: 7530
Ion Ratio Lower Upper
228 100
226 30.6 25.2 37.8
229 20.5 16.4 24.6

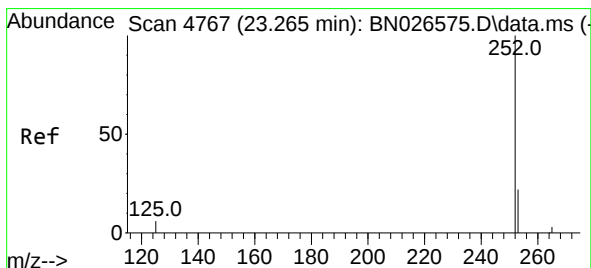
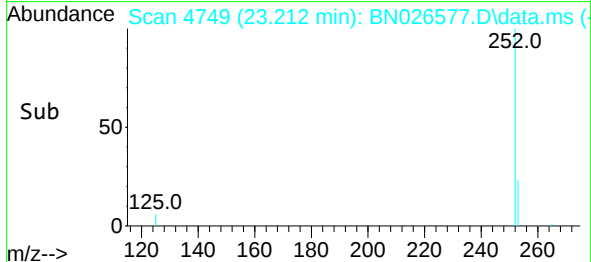
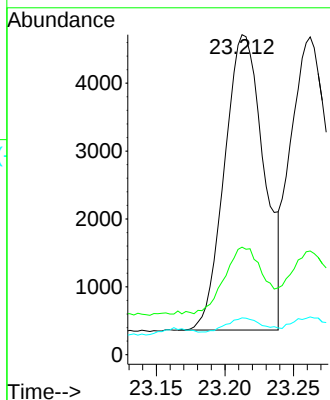
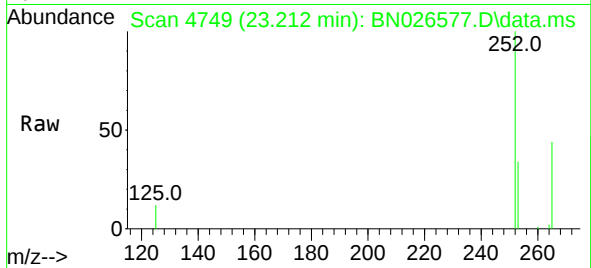




#24
Benzo(b)fluoranthene
Concen: 0.292 ng/ul
RT: 23.212 min Scan# 4750
Delta R.T. -0.002 min
Lab File: BN026577.D
Acq: 18 Jul 2023 23:34

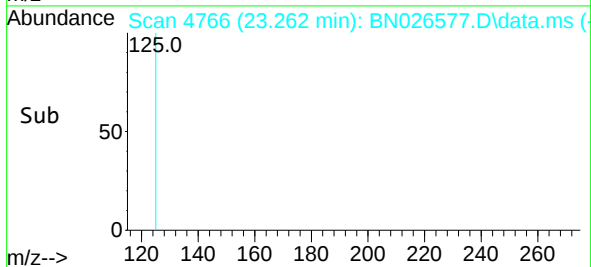
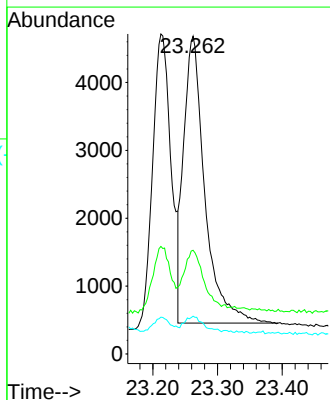
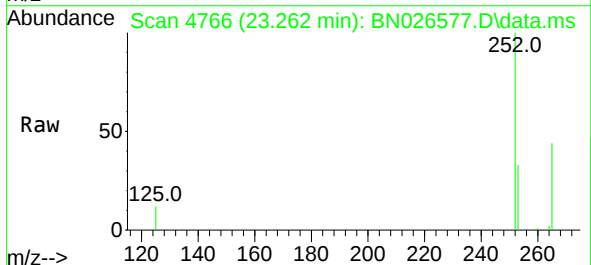
Instrument :
BNA_N
ClientSampleId :
SLCS088

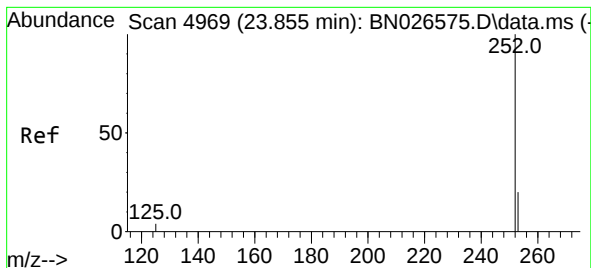
Tgt Ion:252 Resp: 8690
Ion Ratio Lower Upper
252 100
253 33.6 0.0 68.6
125 11.5 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.308 ng/ul
RT: 23.262 min Scan# 4766
Delta R.T. -0.002 min
Lab File: BN026577.D
Acq: 18 Jul 2023 23:34

Tgt Ion:252 Resp: 9619
Ion Ratio Lower Upper
252 100
253 32.7 27.2 40.8
125 11.9 13.4 20.2#





#26

Benzo(a)pyrene

Concen: 0.313 ng/ul

RT: 23.850 min Scan# 4969

Delta R.T. -0.005 min

Lab File: BN026577.D

Acq: 18 Jul 2023 23:34

Instrument :

BNA_N

ClientSampleId :

SLCS088

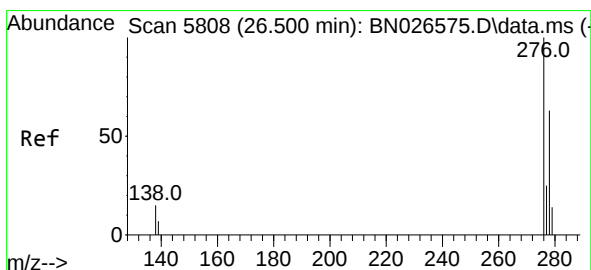
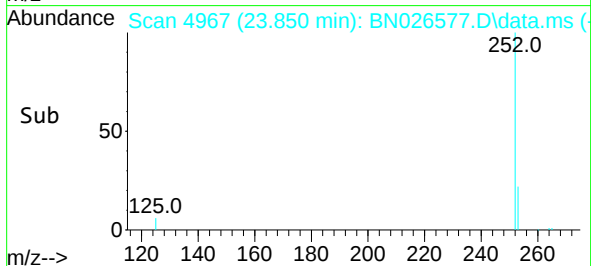
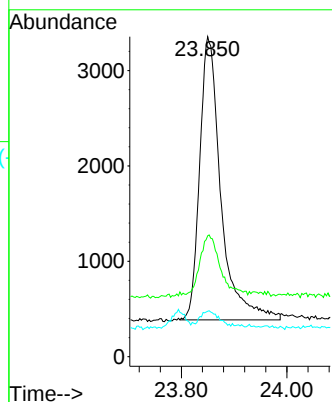
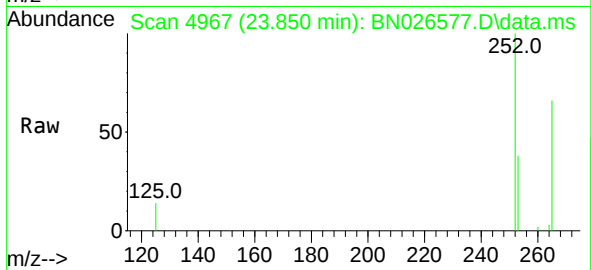
Tgt Ion:252 Resp: 8282

Ion Ratio Lower Upper

252 100

253 37.8 32.6 49.0

125 14.2 19.3 28.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.360 ng/ul

RT: 26.494 min Scan# 5806

Delta R.T. -0.006 min

Lab File: BN026577.D

Acq: 18 Jul 2023 23:34

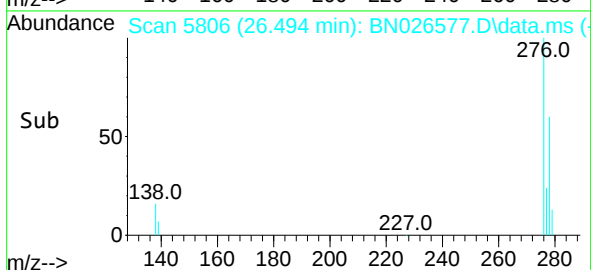
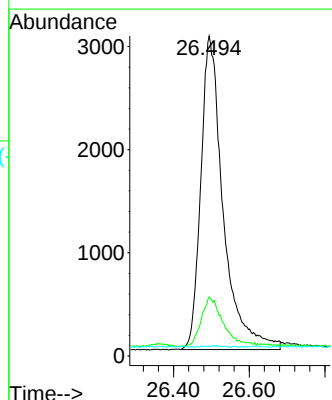
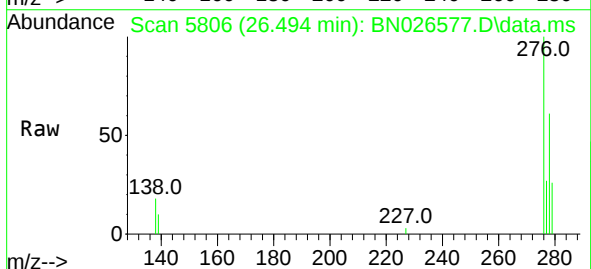
Tgt Ion:276 Resp: 12490

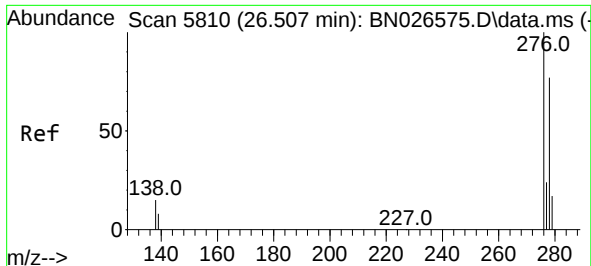
Ion Ratio Lower Upper

276 100

138 16.1 22.2 33.4#

227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.377 ng/ul

RT: 26.511 min Scan# 5811

Delta R.T. 0.004 min

Lab File: BN026577.D

Acq: 18 Jul 2023 23:34

Instrument :

BNA_N

ClientSampleId :

SLCS088

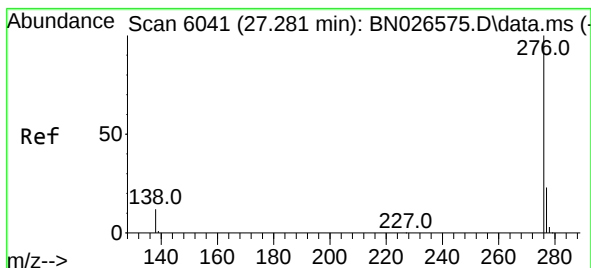
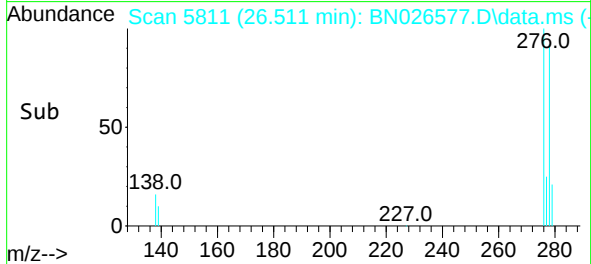
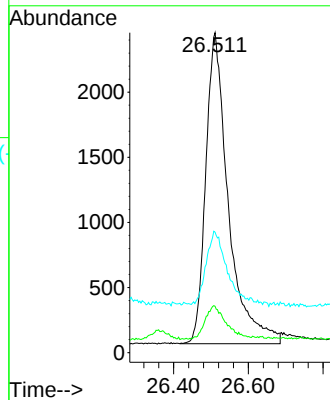
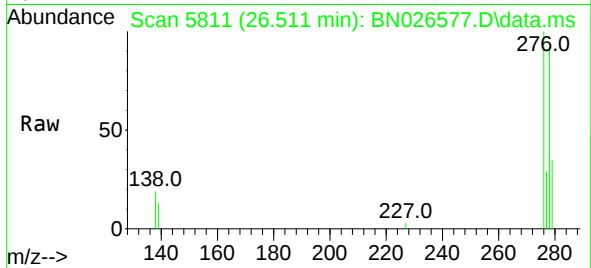
Tgt Ion:278 Resp: 10040

Ion Ratio Lower Upper

278 100

139 14.5 18.9 28.3#

279 37.6 31.3 46.9



#29

Benzo(g,h,i)perylene

Concen: 0.346 ng/ul

RT: 27.279 min Scan# 6040

Delta R.T. -0.003 min

Lab File: BN026577.D

Acq: 18 Jul 2023 23:34

Tgt Ion:276 Resp: 10602

Ion Ratio Lower Upper

276 100

138 16.8 22.6 34.0#

277 26.9 21.8 32.8

