

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026069.D
 Acq On : 28 Jun 2023 21:43
 Operator : MA/JU
 Sample : PB153626BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS626

Quant Time: Jun 28 23:16:36 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 Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

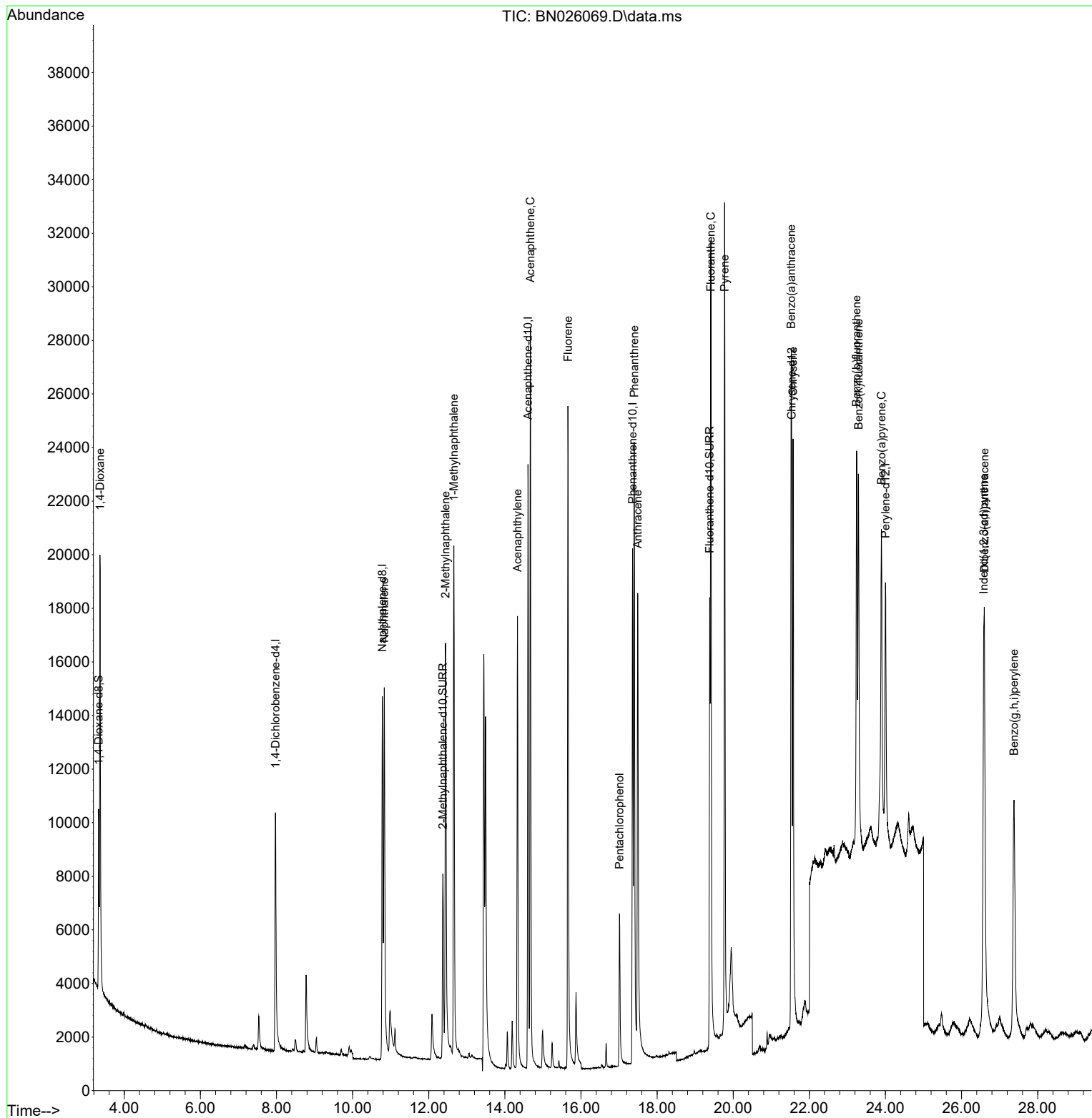
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	6770	0.400	ng/ul	0.00
4) Naphthalene-d8	10.780	136	23263	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	13924	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	26097	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	14950	0.400	ng/ul	0.00
23) Perylene-d12	24.001	264	14401	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	4464	0.586	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.369	152	11713	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	21154	0.372	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	11930	1.474	ng/ul#	88
5) Naphthalene	10.829	128	22475	0.337	ng/ul	99
7) 2-Methylnaphthalene	12.441	142	14071	0.331	ng/ul	100
8) 1-Methylnaphthalene	12.661	142	15053	0.342	ng/ul	100
10) Acenaphthylene	14.329	152	22957	0.352	ng/ul	100
11) Acenaphthene	14.672	153	17903	0.336	ng/ul	99
12) Fluorene	15.657	166	19244	0.315	ng/ul	99
14) Pentachlorophenol	17.013	266	4838	0.517	ng/ul	99
15) Phenanthrene	17.397	178	28274	0.328	ng/ul	100
16) Anthracene	17.490	178	25415	0.332	ng/ul	98
19) Fluoranthene	19.414	202	29943	0.375	ng/ul	98
20) Pyrene	19.776	202	32011	0.385	ng/ul	97
21) Benzo(a)anthracene	21.522	228	21381	0.347	ng/ul	96
22) Chrysene	21.575	228	22668	0.353	ng/ul	97
24) Benzo(b)fluoranthene	23.241	252	21047	0.342	ng/ul	90
25) Benzo(k)fluoranthene	23.291	252	22062	0.357	ng/ul#	92
26) Benzo(a)pyrene	23.896	252	20095	0.376	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.580	276	24821	0.426	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.600	278	18439	0.418	ng/ul	97
29) Benzo(g,h,i)perylene	27.378	276	21553	0.416	ng/ul	97

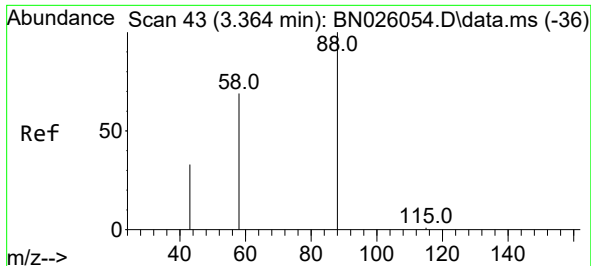
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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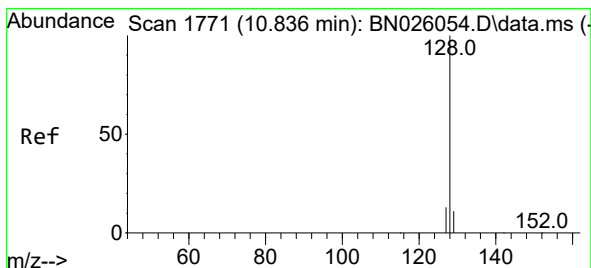
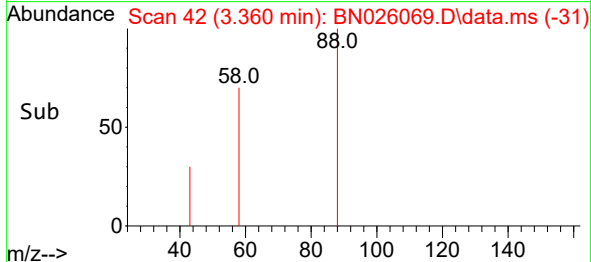
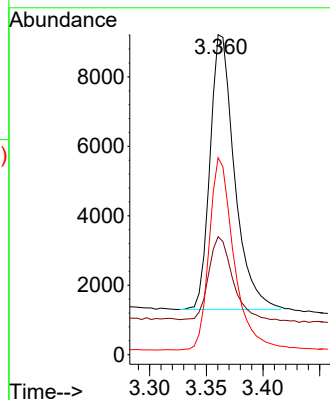
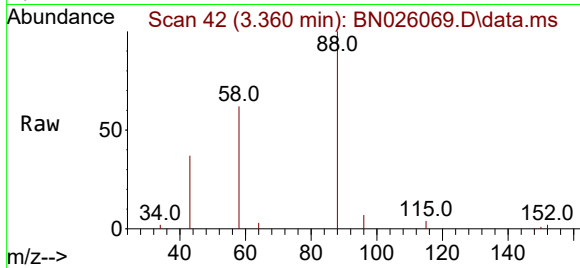




#2
1,4-Dioxane
Concen: 1.474 ng/ul
RT: 3.360 min Scan# 43
Delta R.T. -0.004 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

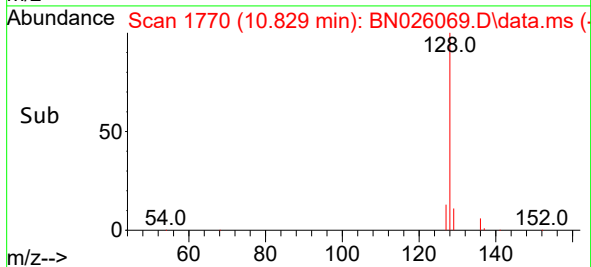
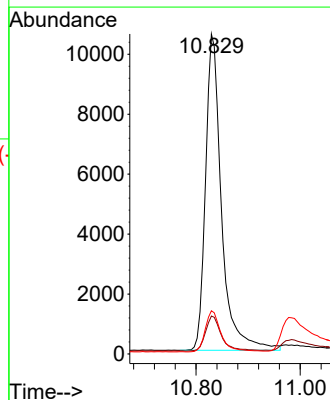
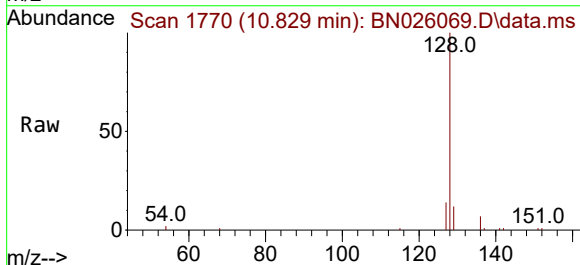
Instrument :
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ClientSampleId :
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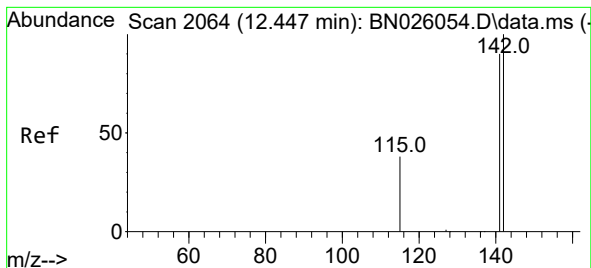
Tgt Ion: 88 Resp: 11930
Ion Ratio Lower Upper
88 100
43 36.9 29.5 44.3
58 61.5 37.4 56.2#



#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

Tgt Ion:128 Resp: 22475
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.5 10.7 16.1

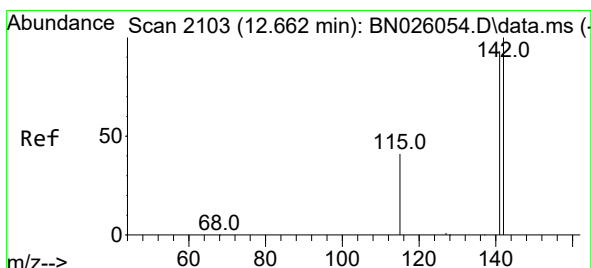
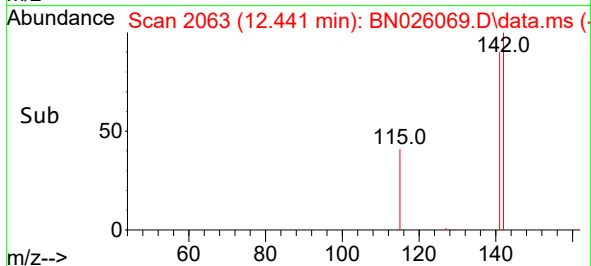
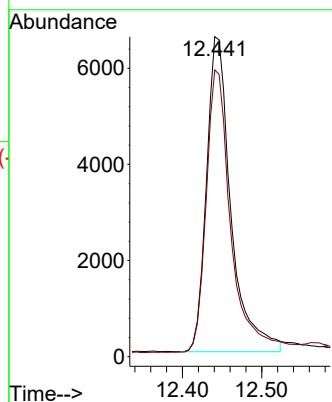
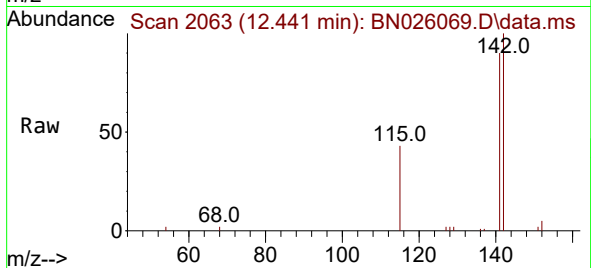




#7
2-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.441 min Scan# 2063
Delta R.T. -0.007 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

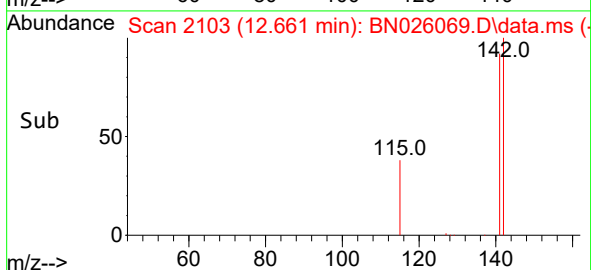
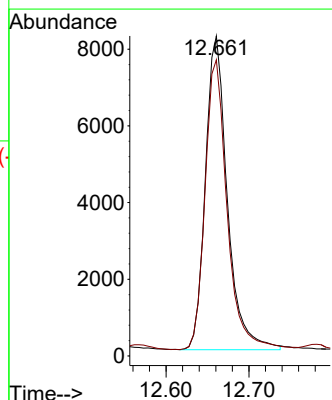
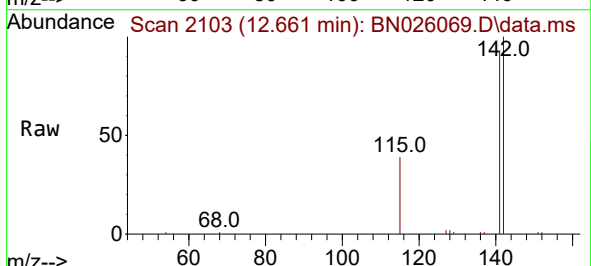
Instrument :
BNA_N
ClientSampleId :
SLCS626

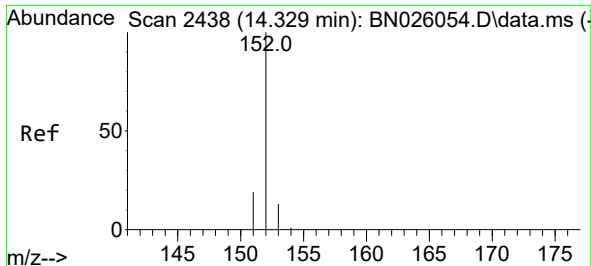
Tgt Ion:142 Resp: 14071
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.661 min Scan# 2103
Delta R.T. -0.001 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

Tgt Ion:142 Resp: 15053
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4

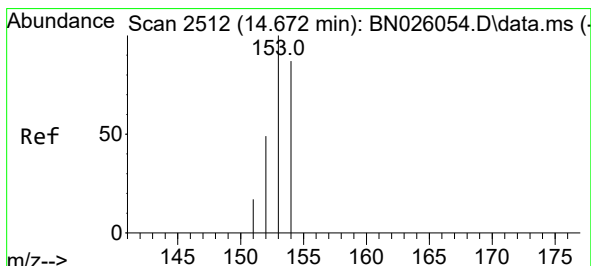
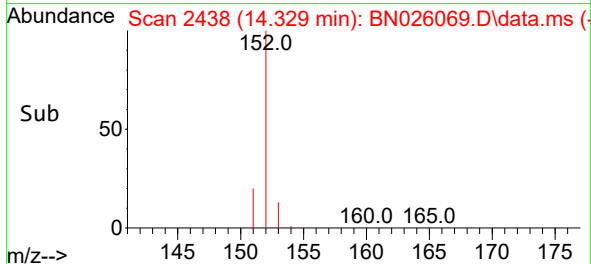
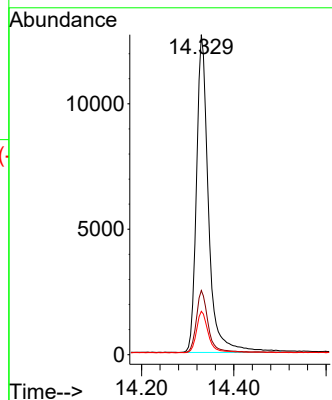
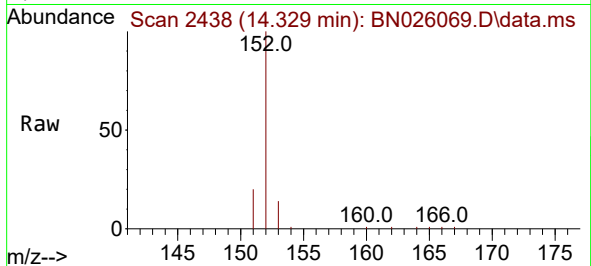




#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 14.329 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

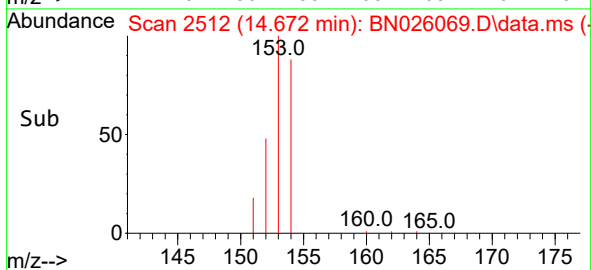
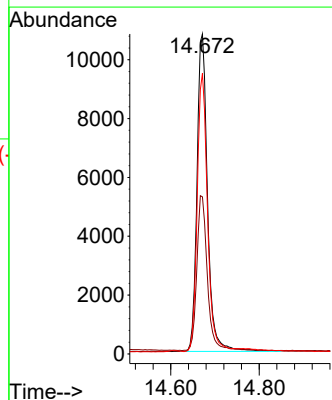
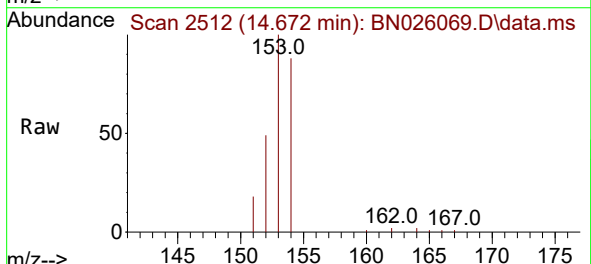
Instrument :
BNA_N
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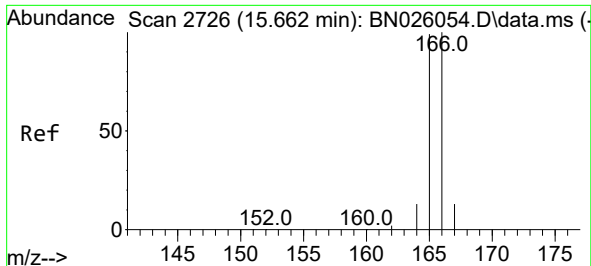
Tgt Ion:152 Resp: 22957
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.672 min Scan# 2512
Delta R.T. -0.000 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

Tgt Ion:153 Resp: 17903
Ion Ratio Lower Upper
153 100
152 49.1 39.4 59.0
154 87.7 68.9 103.3

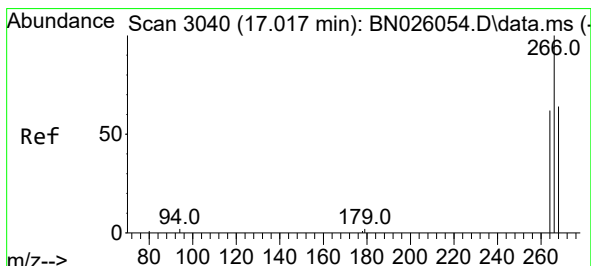
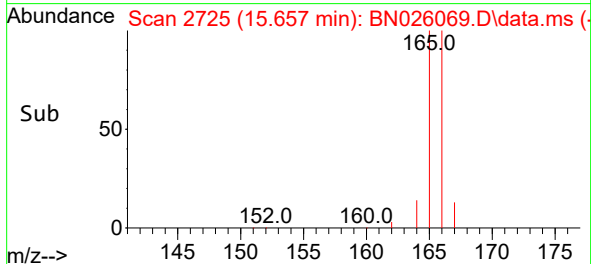
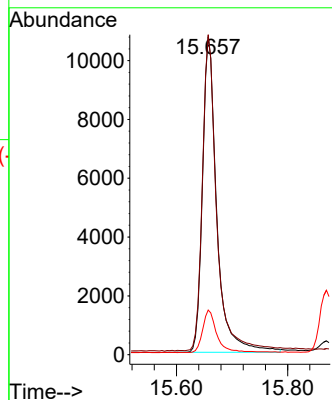
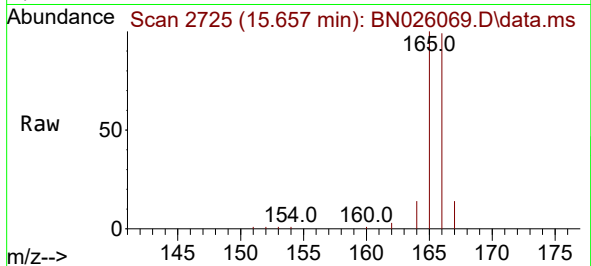




#12
Fluorene
Concen: 0.315 ng/ul
RT: 15.657 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

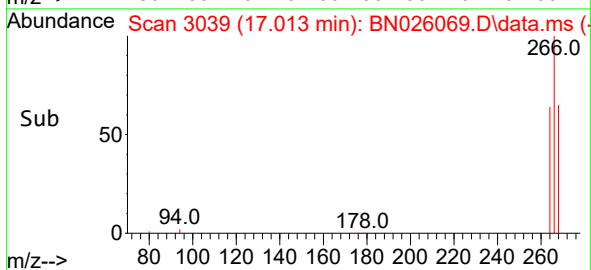
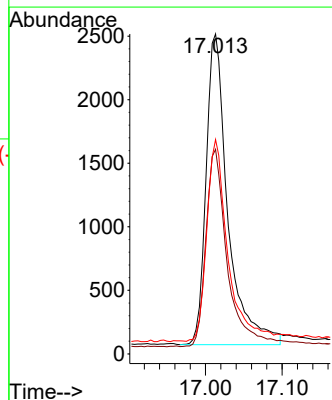
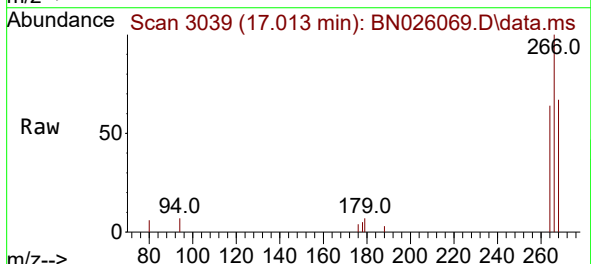
Instrument :
BNA_N
ClientSampleId :
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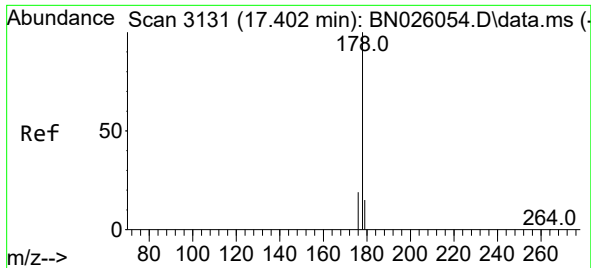
Tgt Ion:166 Resp: 19244
Ion Ratio Lower Upper
166 100
165 100.6 79.9 119.9
167 14.0 10.8 16.2



#14
Pentachlorophenol
Concen: 0.517 ng/ul
RT: 17.013 min Scan# 3039
Delta R.T. -0.004 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

Tgt Ion:266 Resp: 4838
Ion Ratio Lower Upper
266 100
264 62.1 50.5 75.7
268 63.4 51.6 77.4

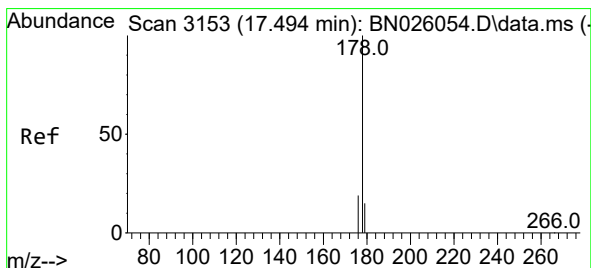
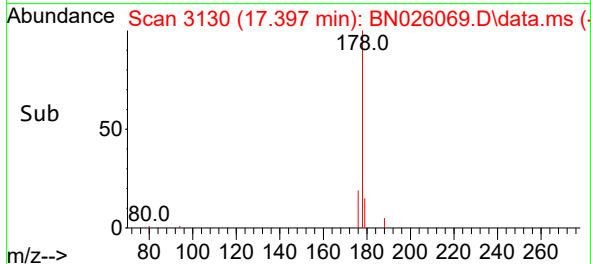
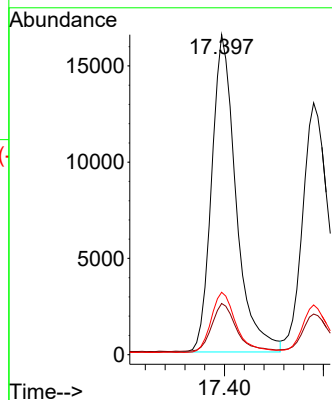
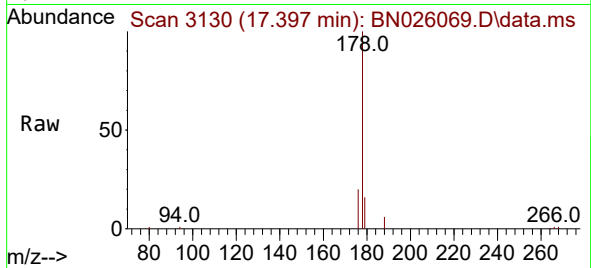




#15
Phenanthrene
Concen: 0.328 ng/ul
RT: 17.397 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

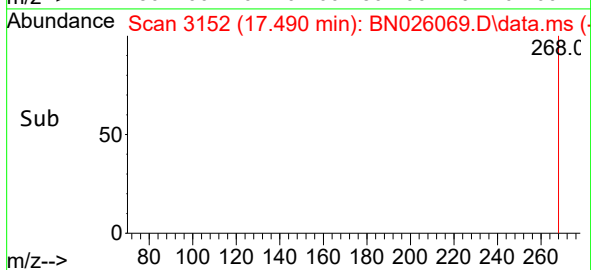
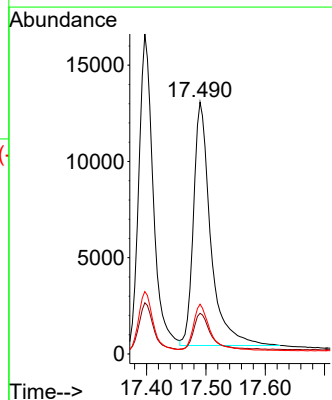
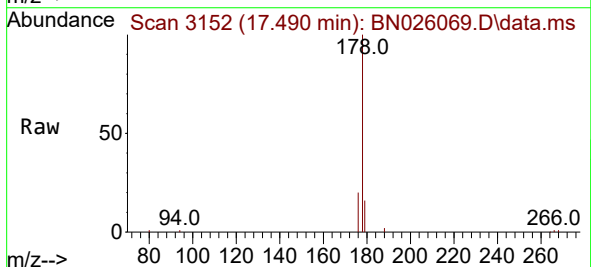
Instrument :
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ClientSampleId :
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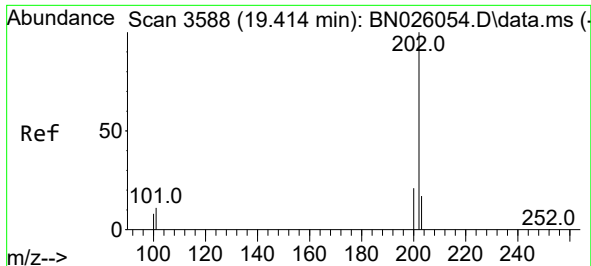
Tgt Ion:178 Resp: 28274
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.332 ng/ul
RT: 17.490 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

Tgt Ion:178 Resp: 25415
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.8 15.1 22.7





#19

Fluoranthene

Concen: 0.375 ng/ul

RT: 19.414 min Scan# 3588

Delta R.T. -0.001 min

Lab File: BN026069.D

Acq: 28 Jun 2023 21:43

Instrument :

BNA_N

ClientSampleId :

SLCS626

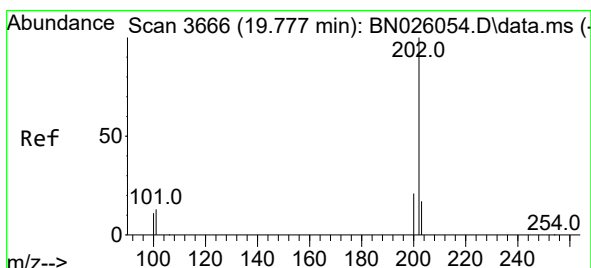
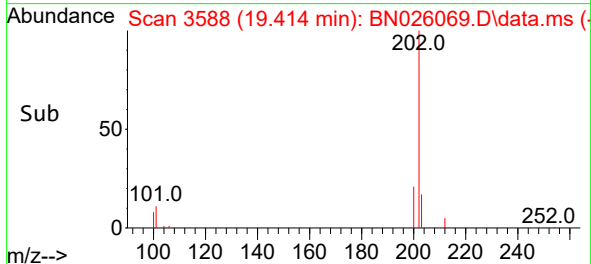
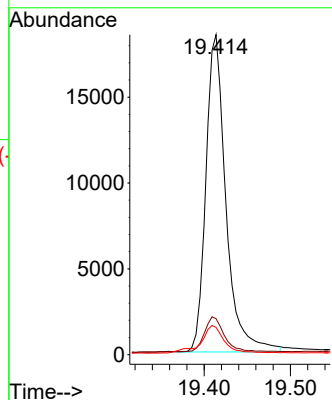
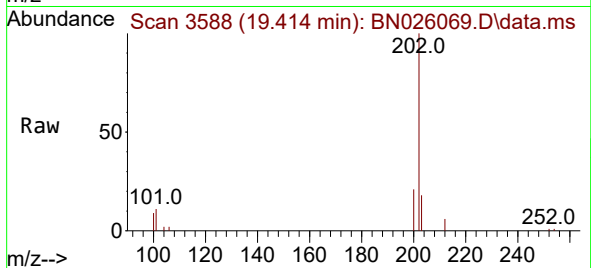
Tgt Ion:202 Resp: 29943

Ion Ratio Lower Upper

202 100

101 11.3 9.5 14.3

100 8.6 7.3 10.9



#20

Pyrene

Concen: 0.385 ng/ul

RT: 19.776 min Scan# 3666

Delta R.T. -0.001 min

Lab File: BN026069.D

Acq: 28 Jun 2023 21:43

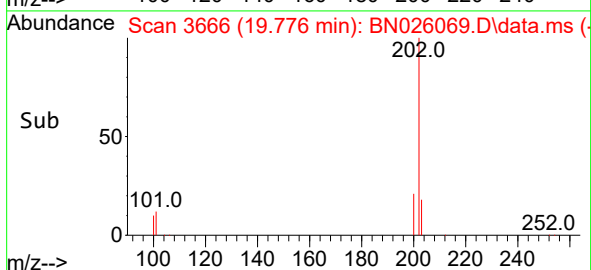
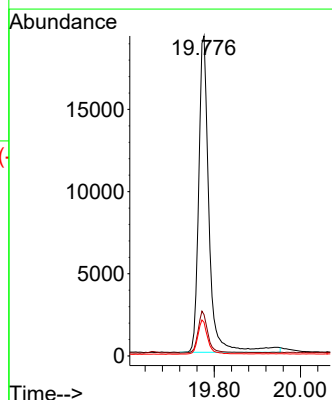
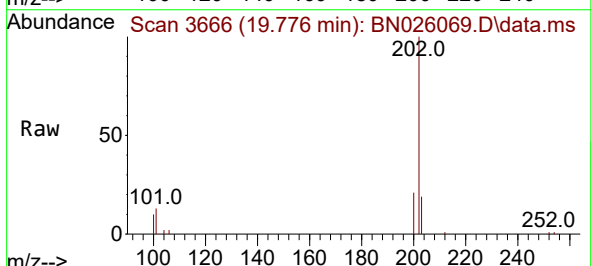
Tgt Ion:202 Resp: 32011

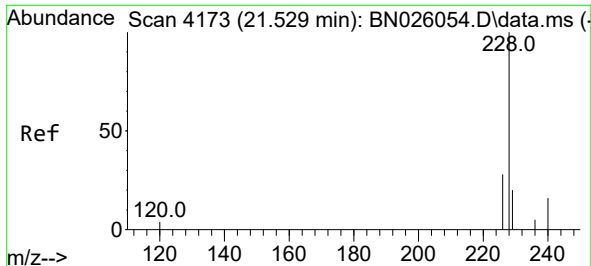
Ion Ratio Lower Upper

202 100

101 12.9 11.4 17.0

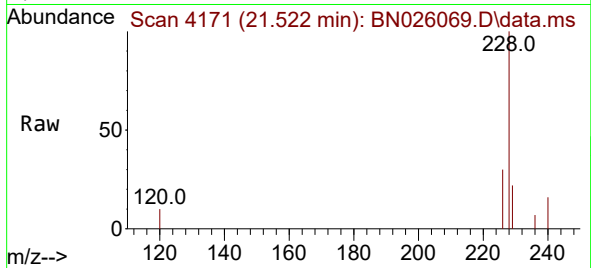
100 10.5 9.1 13.7



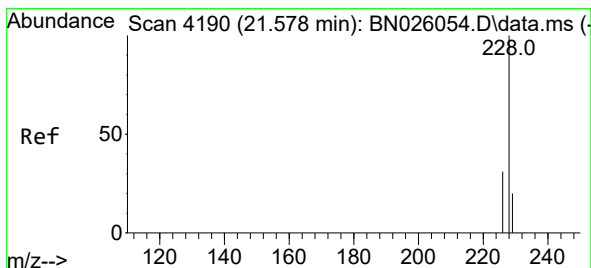
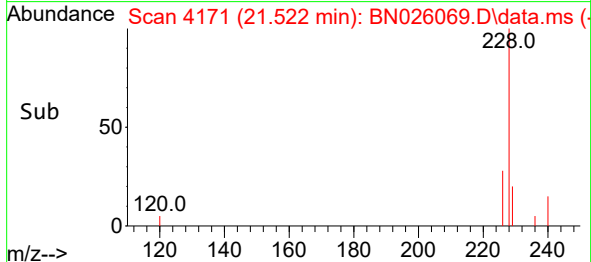
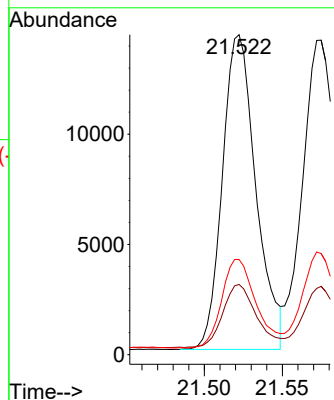


#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.522 min Scan# 4171
Delta R.T. -0.007 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

Instrument :
BNA_N
ClientSampleId :
SLCS626

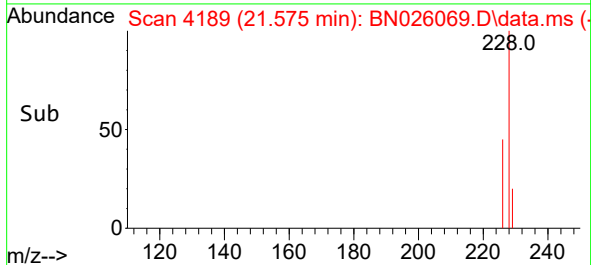
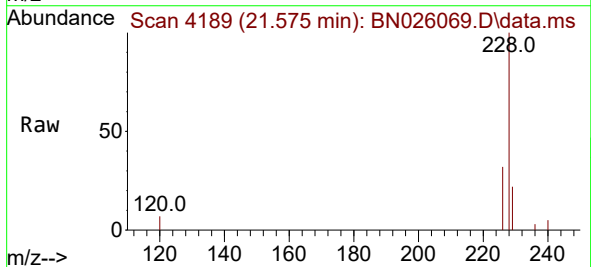
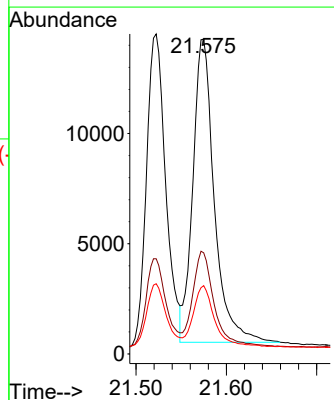


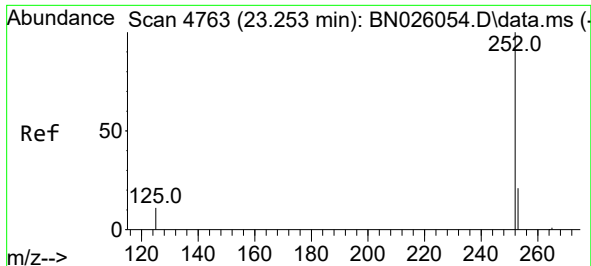
Tgt Ion:228 Resp: 21381
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.6
226 29.8 22.5 33.7



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.575 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

Tgt Ion:228 Resp: 22668
Ion Ratio Lower Upper
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226 32.1 24.8 37.2
229 21.7 15.7 23.5

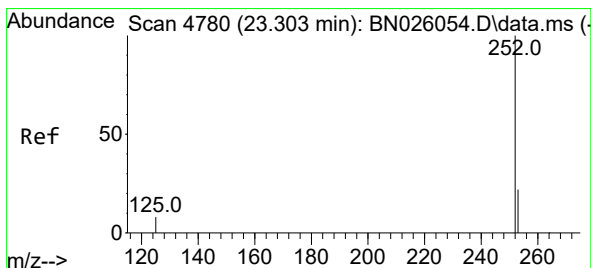
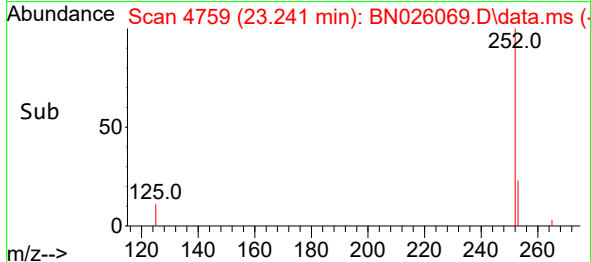
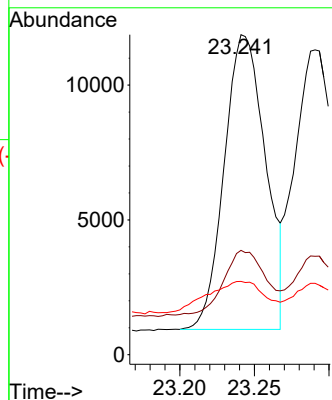
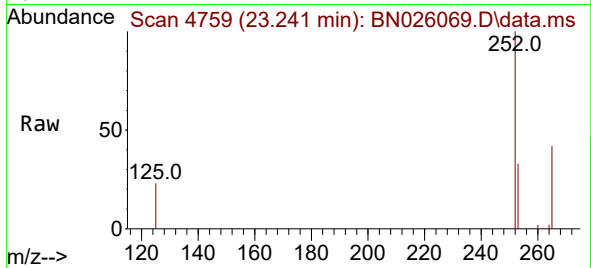




#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 23.241 min Scan# 4759
Delta R.T. -0.012 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

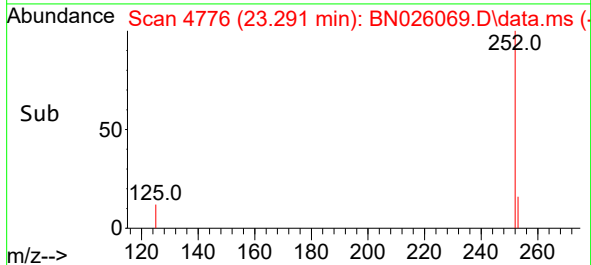
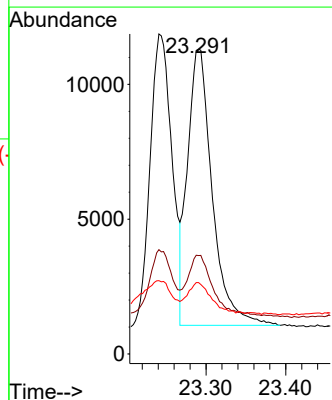
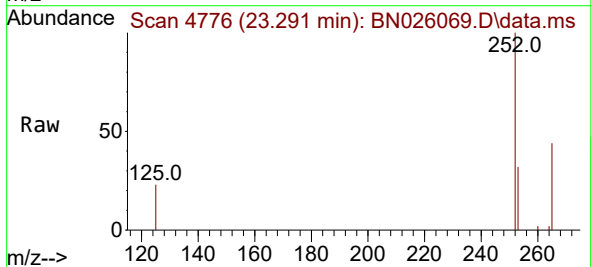
Instrument :
BNA_N
ClientSampleId :
SLCS626

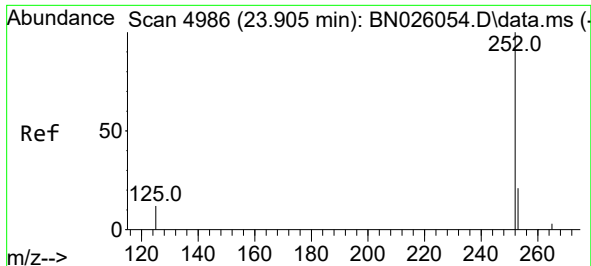
Tgt Ion:252 Resp: 21047
Ion Ratio Lower Upper
252 100
253 32.6 0.0 55.6
125 22.9 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 23.291 min Scan# 4776
Delta R.T. -0.012 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

Tgt Ion:252 Resp: 22062
Ion Ratio Lower Upper
252 100
253 32.3 23.2 34.8
125 23.4 15.0 22.4#

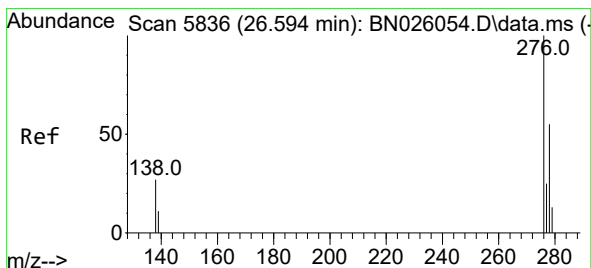
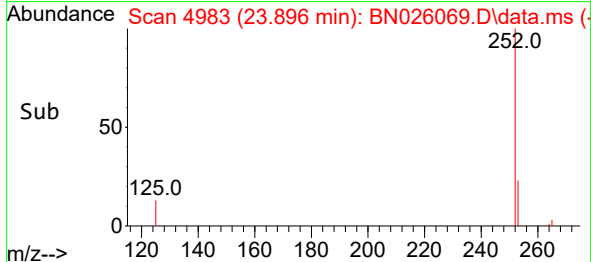
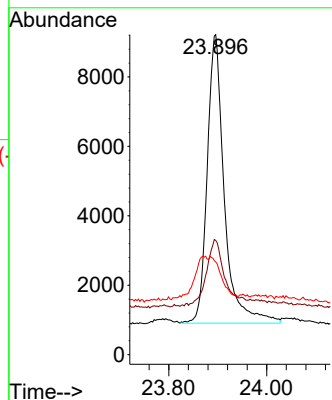
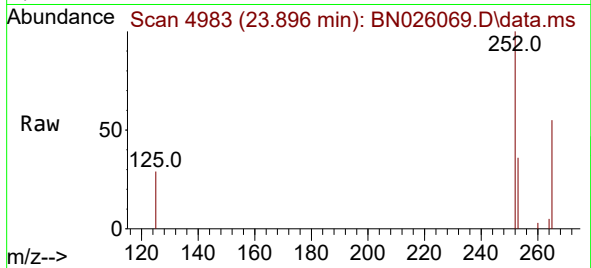




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.896 min Scan# 4986
Delta R.T. -0.009 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

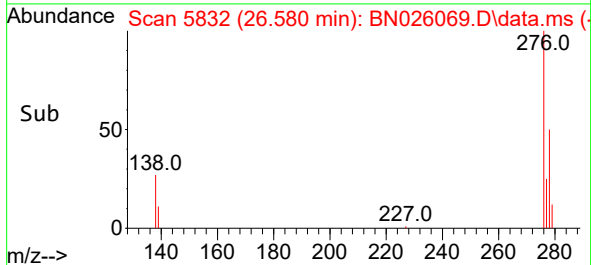
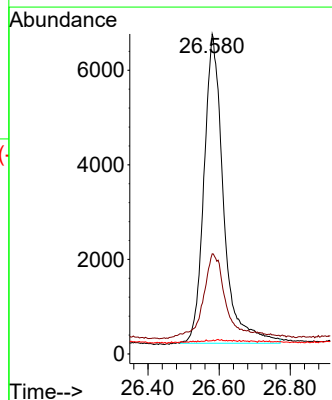
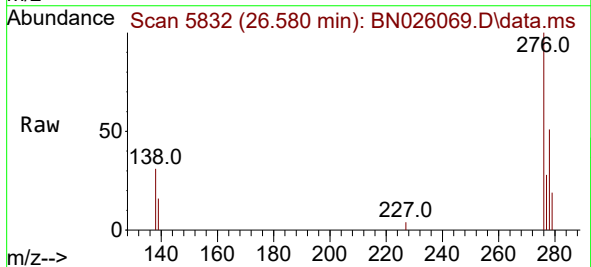
Instrument :
BNA_N
ClientSampleId :
SLCS626

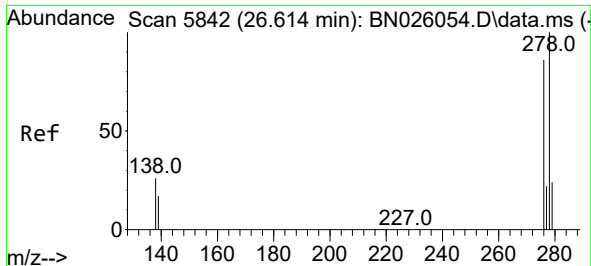
Tgt Ion:252 Resp: 20095
Ion Ratio Lower Upper
252 100
253 35.7 26.0 39.0
125 28.9 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. -0.014 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

Tgt Ion:276 Resp: 24821
Ion Ratio Lower Upper
276 100
138 32.7 24.5 36.7
227 0.5 0.0 0.0#

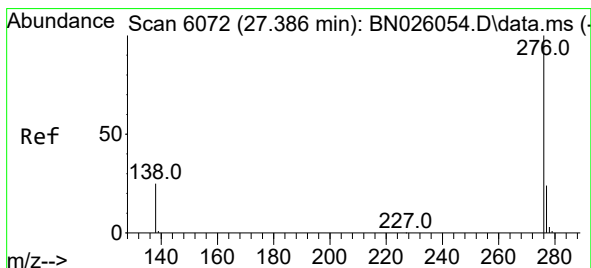
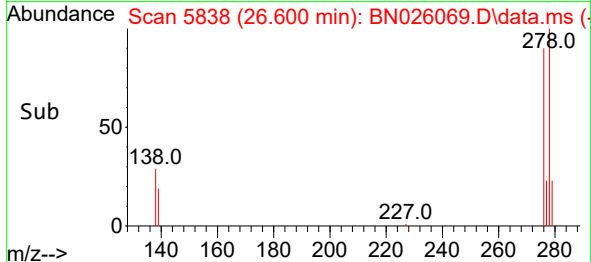
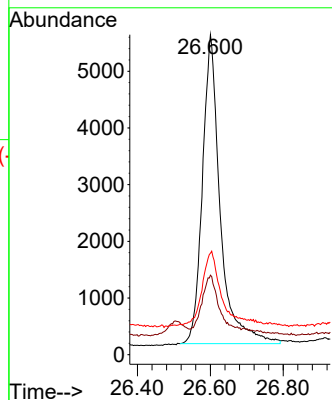
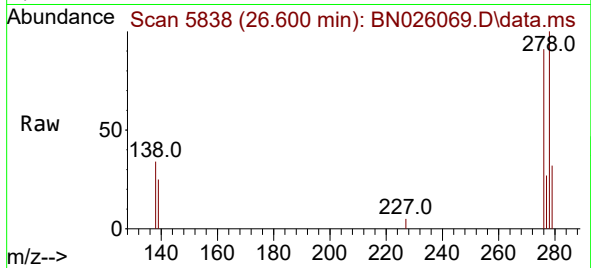




#28
Dibenzo(a,h)anthracene
Concen: 0.418 ng/ul
RT: 26.600 min Scan# 5838
Delta R.T. -0.014 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

Instrument :
BNA_N
ClientSampleId :
SLCS626

Tgt Ion:278 Resp: 18439
Ion Ratio Lower Upper
278 100
139 24.9 19.0 28.4
279 31.7 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 27.378 min Scan# 6070
Delta R.T. -0.007 min
Lab File: BN026069.D
Acq: 28 Jun 2023 21:43

Tgt Ion:276 Resp: 21553
Ion Ratio Lower Upper
276 100
138 30.1 23.4 35.0
277 27.4 20.0 30.0

