

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090523\
 Data File : BN027370.D
 Acq On : 05 Sep 2023 11:46
 Operator : MA/JU
 Sample : PB155073BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS073

Quant Time: Sep 06 00:41:22 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

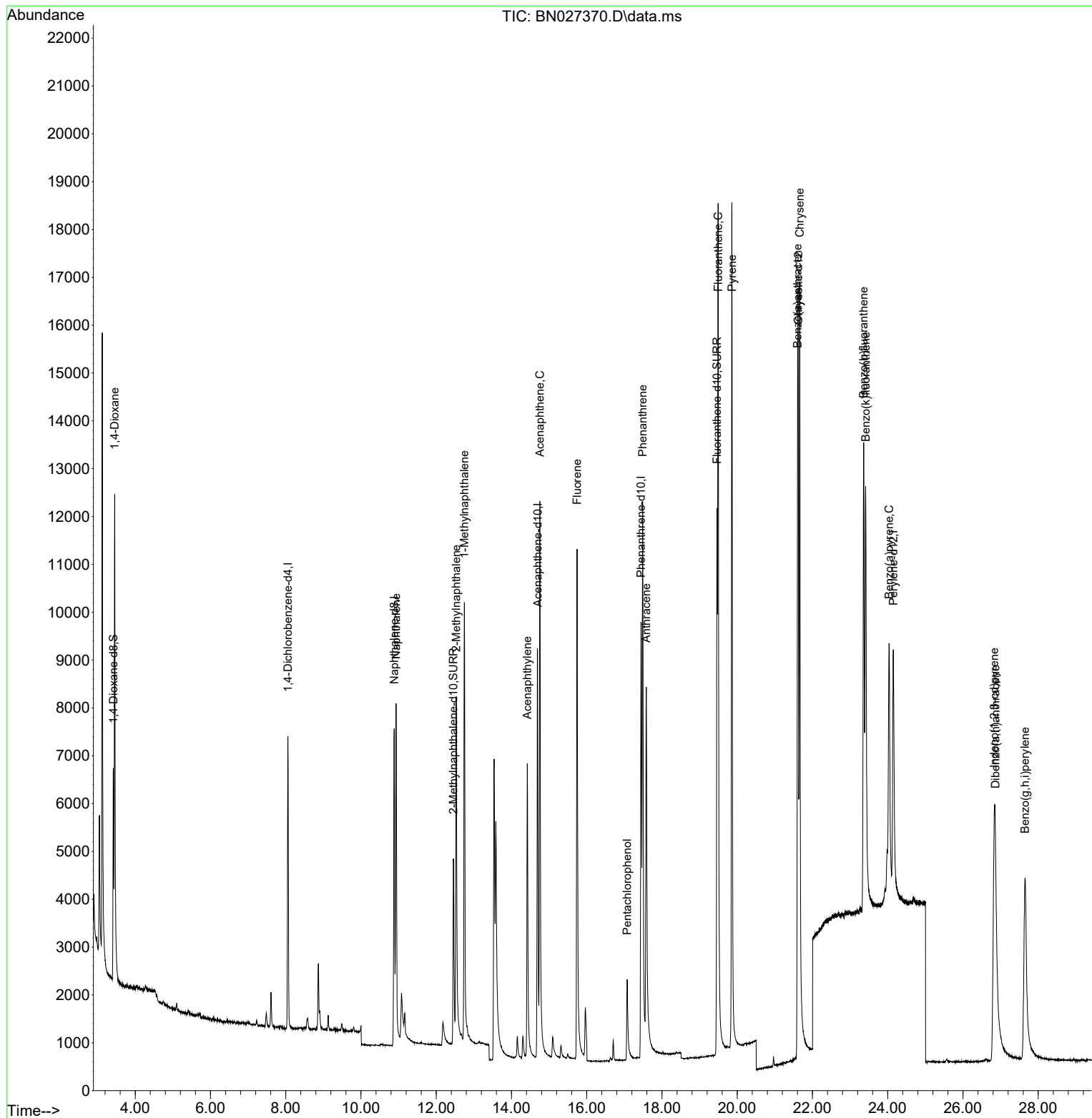
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	3234	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	10570	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.694	164	5857	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.443	188	13769	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	11371	0.400	ng/ul	0.01
23) Perylene-d12	24.149	264	9274	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	3301	0.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	6246	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.464	212	15966	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	7528	1.729	ng/ul#	87
5) Naphthalene	10.933	128	11010	0.359	ng/ul	99
7) 2-Methylnaphthalene	12.533	142	6446	0.336	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	7106	0.348	ng/ul	97
10) Acenaphthylene	14.421	152	9416	0.351	ng/ul	99
11) Acenaphthene	14.754	153	8194	0.355	ng/ul	99
12) Fluorene	15.744	166	9372	0.363	ng/ul	99
14) Pentachlorophenol	17.076	266	1720	0.641	ng/ul	99
15) Phenanthrene	17.485	178	15522	0.346	ng/ul	99
16) Anthracene	17.582	178	12028	0.337	ng/ul	99
19) Fluoranthene	19.492	202	18242	0.349	ng/ul	98
20) Pyrene	19.859	202	18899	0.355	ng/ul	99
21) Benzo(a)anthracene	21.603	228	13808	0.337	ng/ul	99
22) Chrysene	21.659	228	16878	0.353	ng/ul	100
24) Benzo(b)fluoranthene	23.360	252	15976	0.365	ng/ul	97
25) Benzo(k)fluoranthene	23.413	252	15765	0.368	ng/ul	96
26) Benzo(a)pyrene	24.035	252	12012	0.351	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.831	276	13324	0.351	ng/ul	99
28) Dibenzo(a,h)anthracene	26.861	278	9762	0.336	ng/ul	96
29) Benzo(g,h,i)perylene	27.649	276	13235	0.386	ng/ul	97

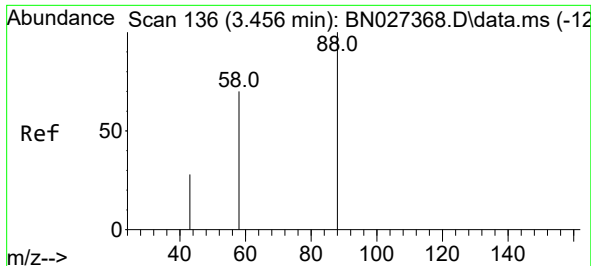
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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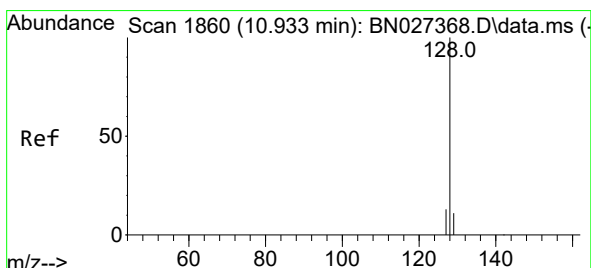
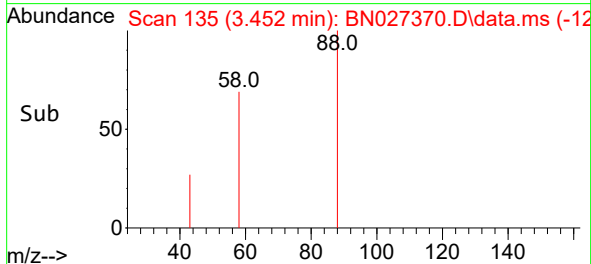
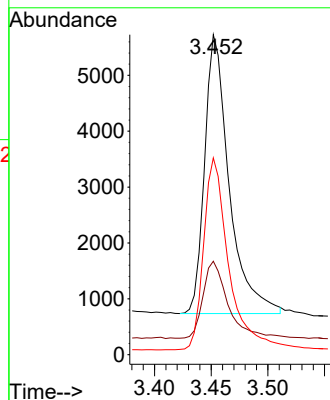
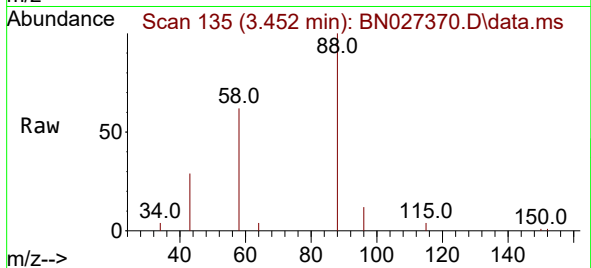




#2
1,4-Dioxane
Concen: 1.729 ng/ul
RT: 3.452 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

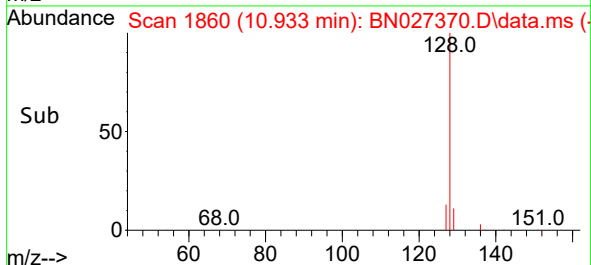
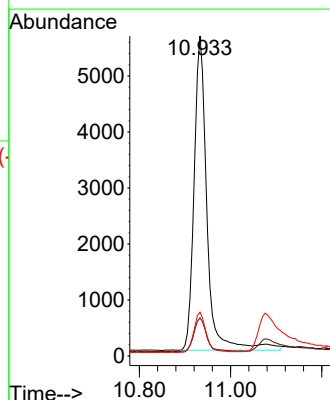
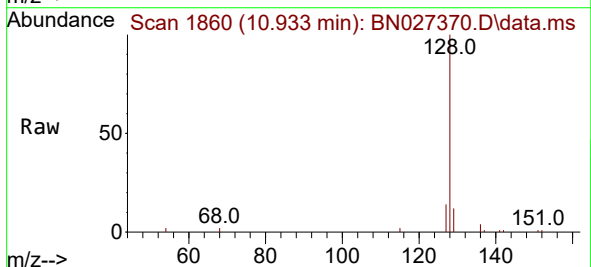
Instrument :
BNA_N
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SLCS073

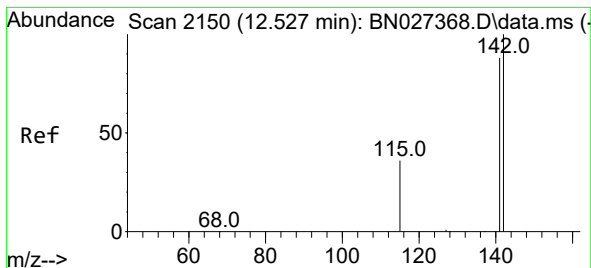
Tgt Ion: 88 Resp: 7528
Ion Ratio Lower Upper
88 100
43 29.2 26.8 40.2
58 61.5 39.9 59.9#



#5
Naphthalene
Concen: 0.359 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

Tgt Ion:128 Resp: 11010
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.7 10.6 16.0

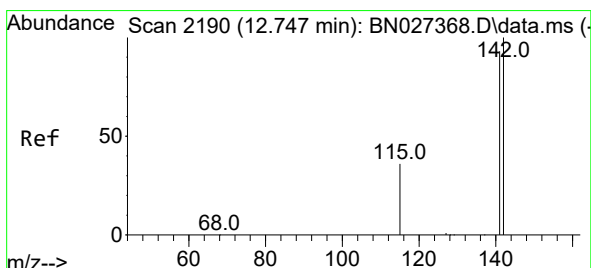
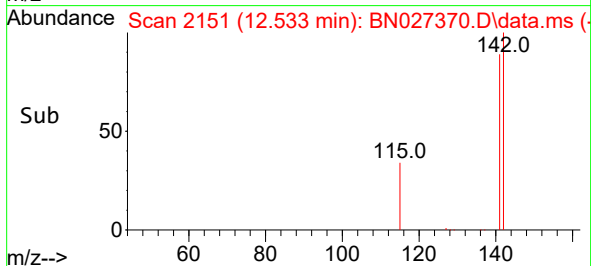
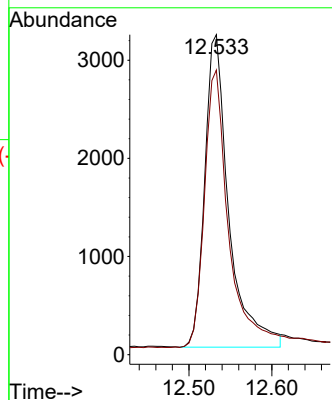
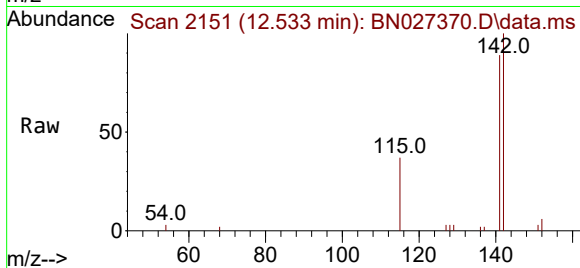




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.533 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

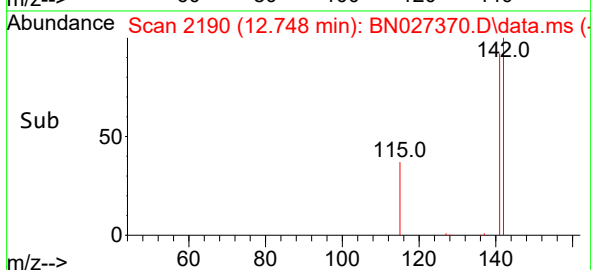
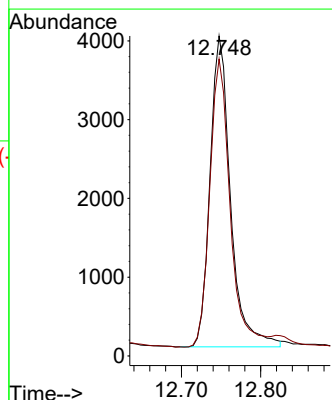
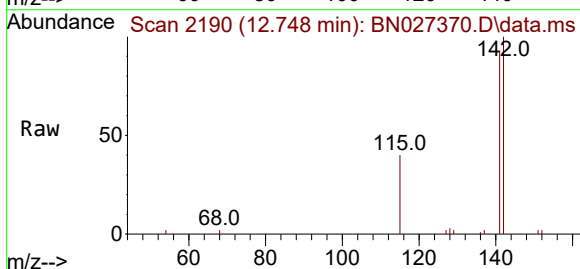
Instrument :
BNA_N
ClientSampleId :
SLCS073

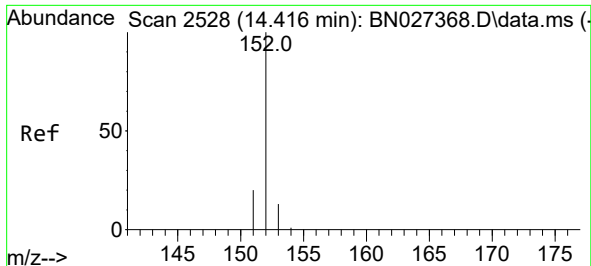
Tgt Ion:142 Resp: 6446
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.748 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

Tgt Ion:142 Resp: 7106
Ion Ratio Lower Upper
142 100
141 94.1 73.0 109.4

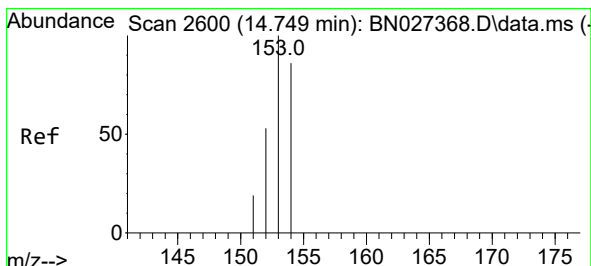
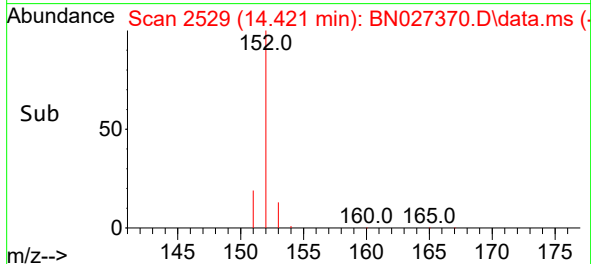
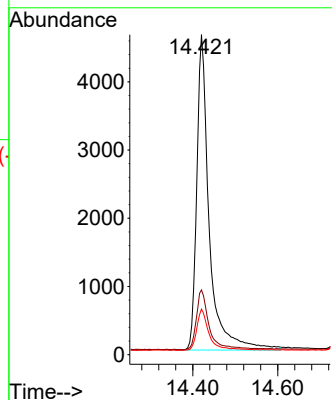
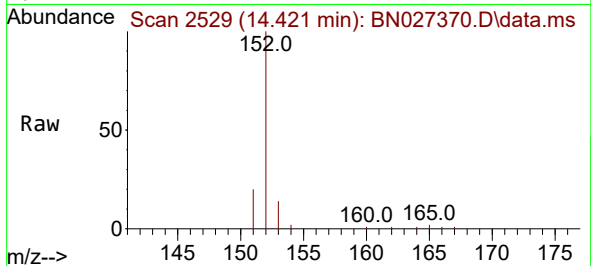




#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 14.421 min Scan# 2529
Delta R.T. -0.000 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

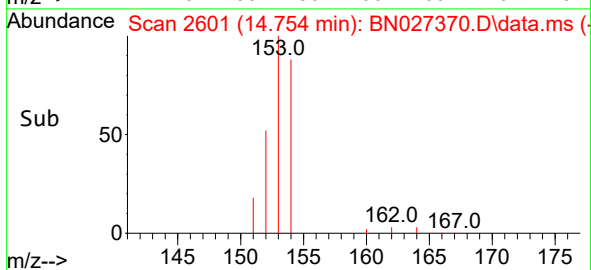
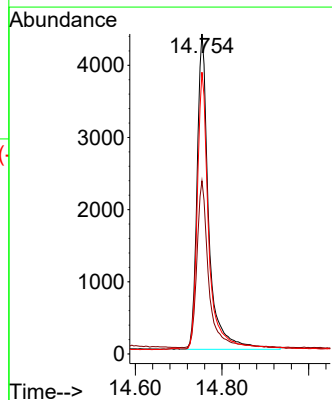
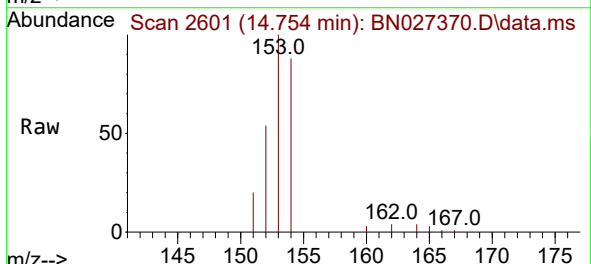
Instrument :
BNA_N
ClientSampleId :
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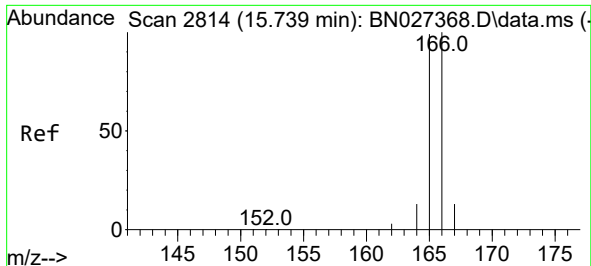
Tgt Ion:152 Resp: 9416
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.2 11.1 16.7



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.754 min Scan# 2601
Delta R.T. 0.004 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

Tgt Ion:153 Resp: 8194
Ion Ratio Lower Upper
153 100
152 54.1 42.9 64.3
154 88.1 69.4 104.0

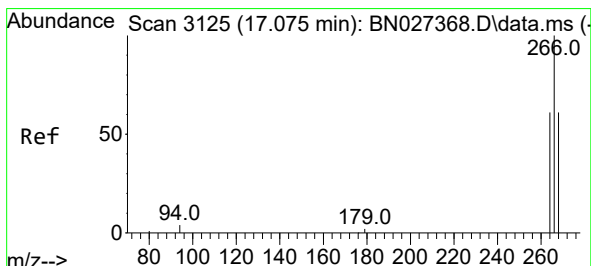
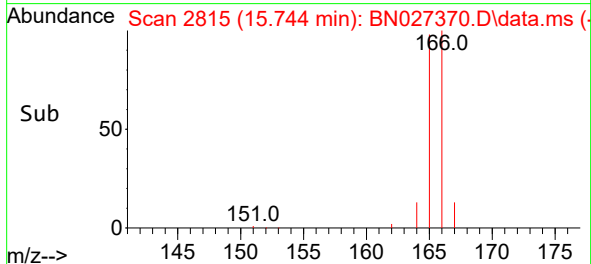
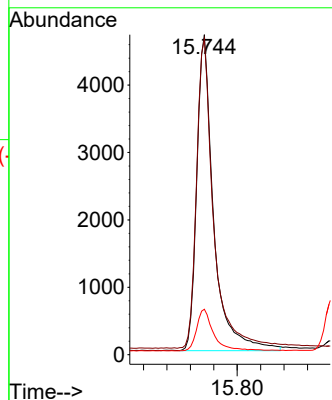
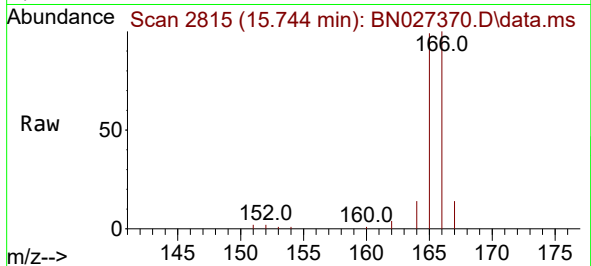




#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.744 min Scan# 2814
Delta R.T. 0.004 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

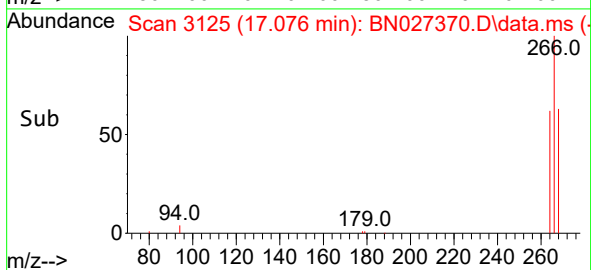
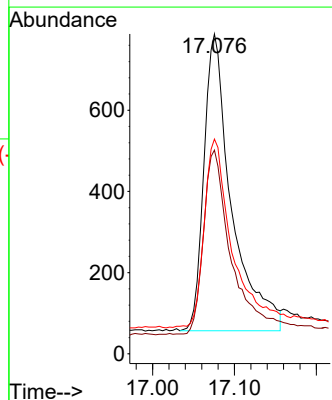
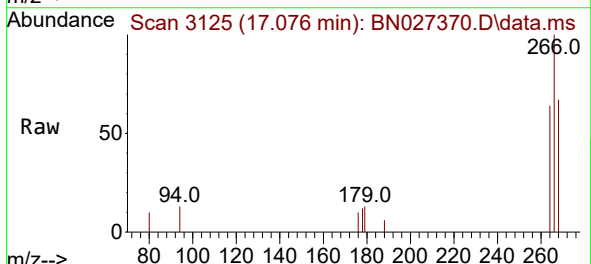
Instrument :
BNA_N
ClientSampleId :
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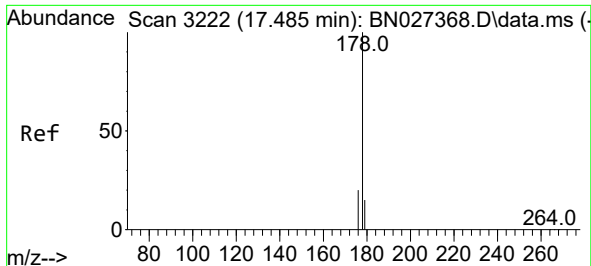
Tgt Ion:166 Resp: 9372
Ion Ratio Lower Upper
166 100
165 98.7 79.6 119.4
167 14.2 11.4 17.0



#14
Pentachlorophenol
Concen: 0.641 ng/ul
RT: 17.076 min Scan# 3125
Delta R.T. 0.009 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

Tgt Ion:266 Resp: 1720
Ion Ratio Lower Upper
266 100
264 61.7 50.4 75.6
268 64.9 51.9 77.9

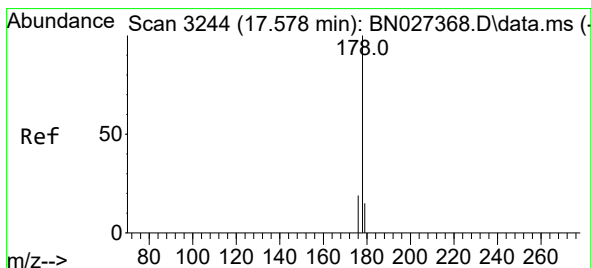
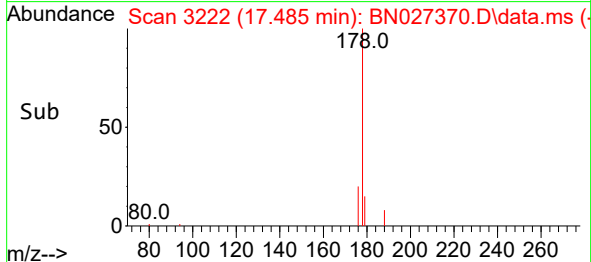
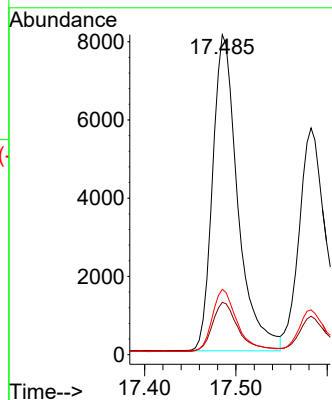
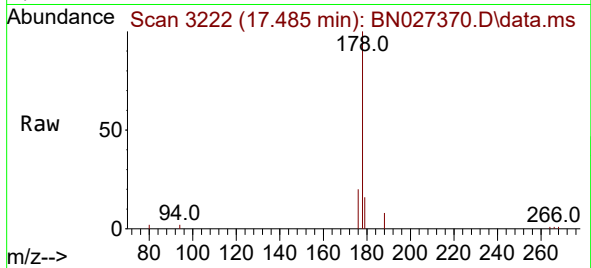




#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.485 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

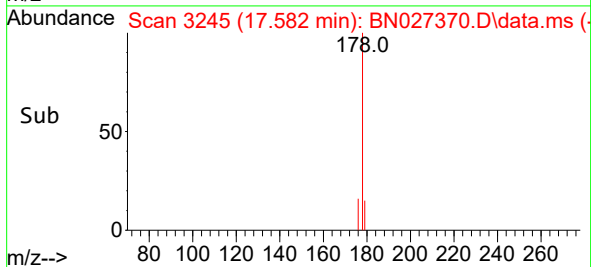
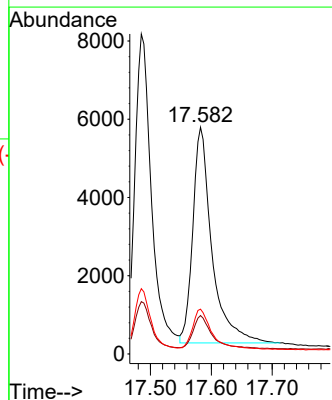
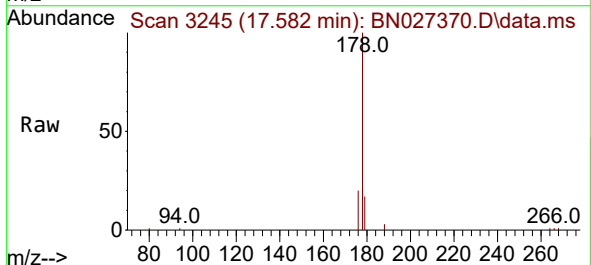
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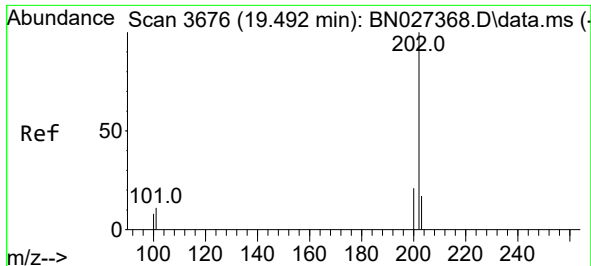
Tgt Ion:178 Resp: 15522
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.4 15.8 23.8



#16
Anthracene
Concen: 0.337 ng/ul
RT: 17.582 min Scan# 3245
Delta R.T. 0.009 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

Tgt Ion:178 Resp: 12028
Ion Ratio Lower Upper
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179 17.0 13.0 19.6
176 19.8 15.6 23.4

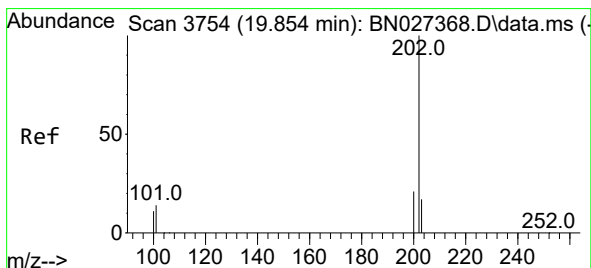
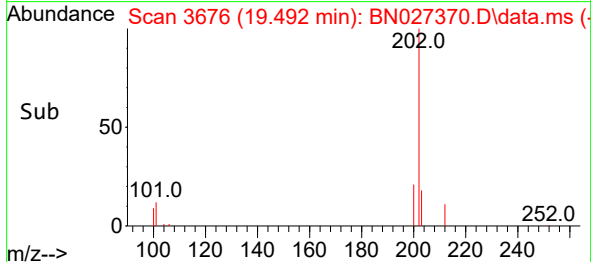
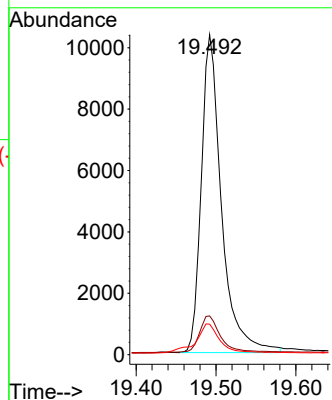
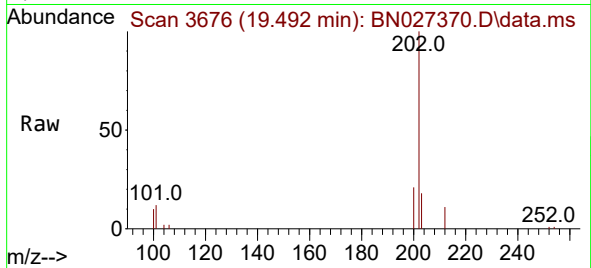




#19
Fluoranthene
Concen: 0.349 ng/ul
RT: 19.492 min Scan# 30
Delta R.T. 0.005 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

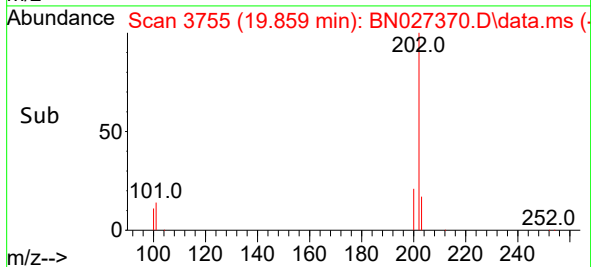
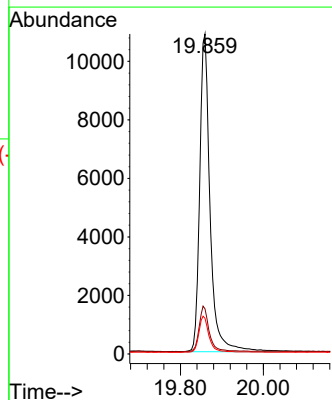
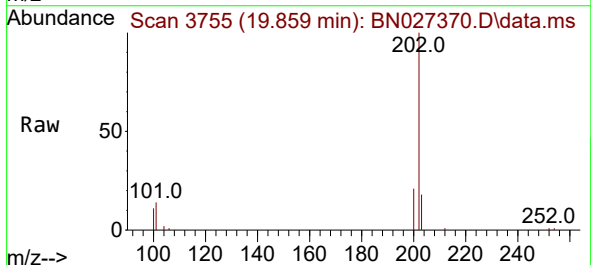
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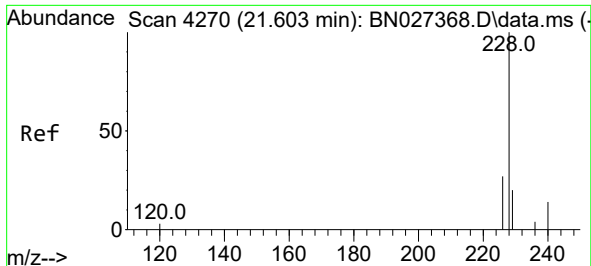
Tgt Ion:202 Resp: 18242
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.0
100 9.6 6.9 10.3



#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.859 min Scan# 3755
Delta R.T. 0.010 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

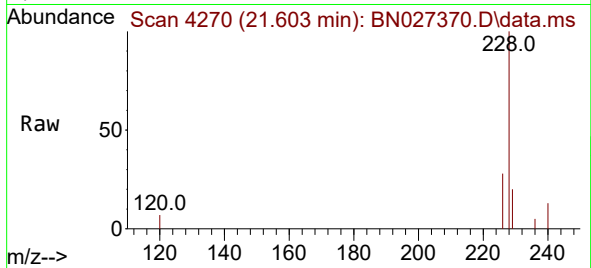
Tgt Ion:202 Resp: 18899
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.2
100 11.2 9.4 14.2



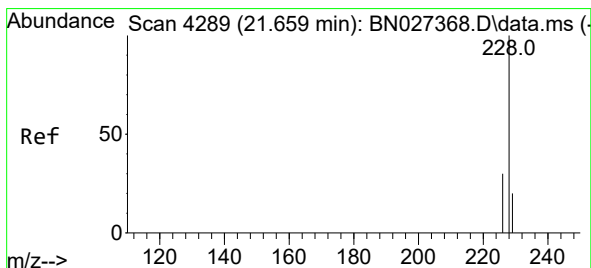
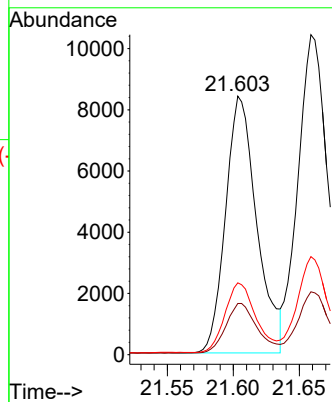
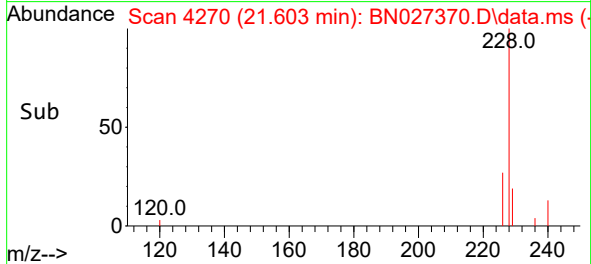


#21
Benzo(a)anthracene
Concen: 0.337 ng/ul
RT: 21.603 min Scan# 4270
Delta R.T. 0.012 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

Instrument :
BNA_N
ClientSampleId :
SLCS073

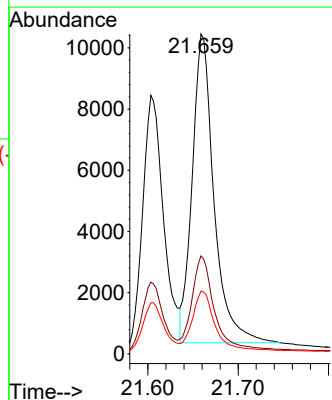
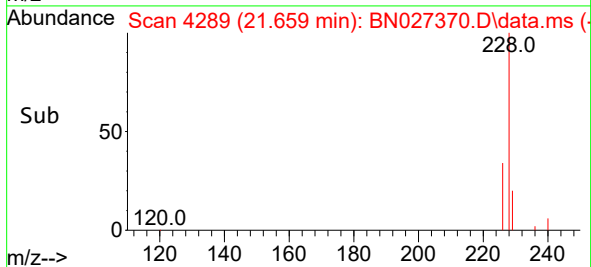
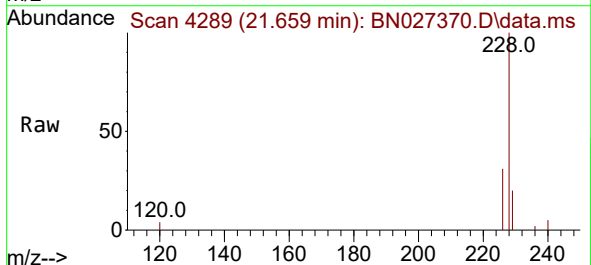


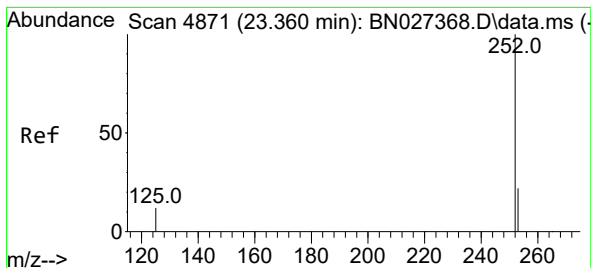
Tgt Ion:228 Resp: 13808
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.8 22.0 33.0



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.659 min Scan# 4289
Delta R.T. 0.012 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

Tgt Ion:228 Resp: 16878
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.7 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.365 ng/ul

RT: 23.360 min Scan# 4871

Delta R.T. 0.015 min

Lab File: BN027370.D

Acq: 05 Sep 2023 11:46

Instrument :

BNA_N

ClientSampleId :

SLCS073

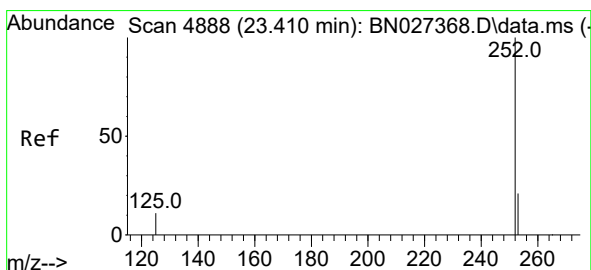
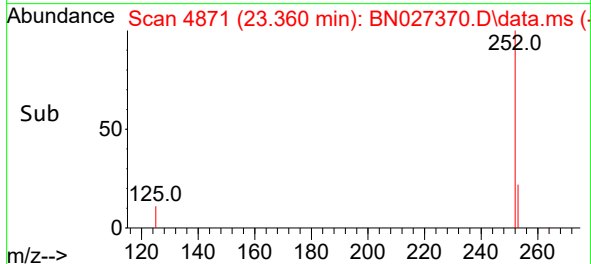
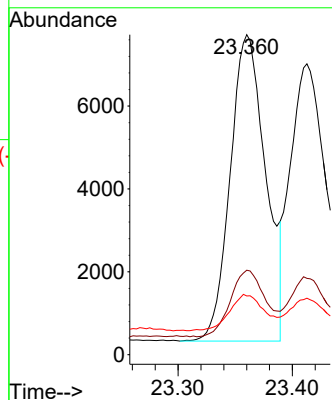
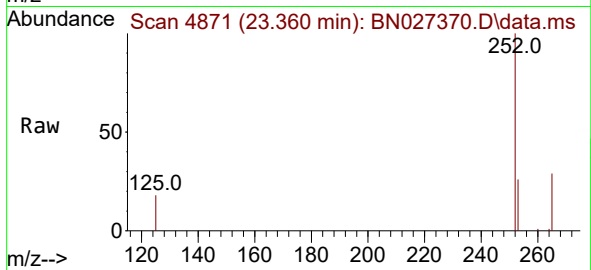
Tgt Ion:252 Resp: 15976

Ion Ratio Lower Upper

252 100

253 26.4 0.0 49.6

125 18.4 0.0 33.8



#25

Benzo(k)fluoranthene

Concen: 0.368 ng/ul

RT: 23.413 min Scan# 4889

Delta R.T. 0.015 min

Lab File: BN027370.D

Acq: 05 Sep 2023 11:46

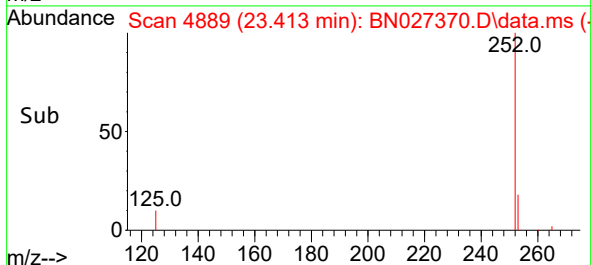
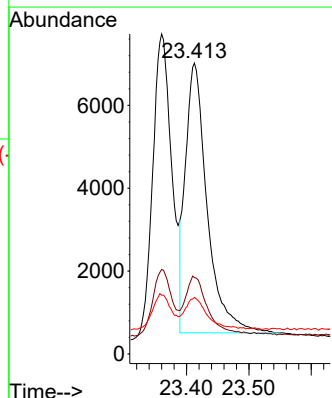
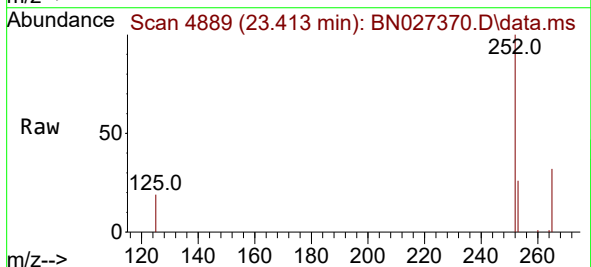
Tgt Ion:252 Resp: 15765

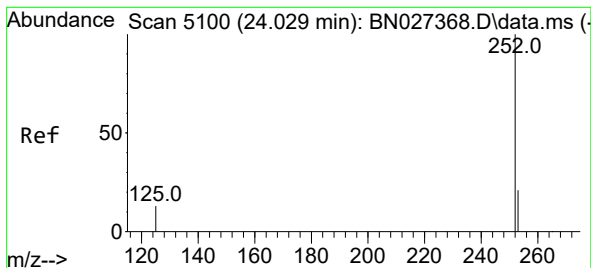
Ion Ratio Lower Upper

252 100

253 26.2 19.9 29.9

125 19.4 13.6 20.4





#26

Benzo(a)pyrene

Concen: 0.351 ng/ul

RT: 24.035 min Scan# 5100

Delta R.T. 0.018 min

Lab File: BN027370.D

Acq: 05 Sep 2023 11:46

Instrument :

BNA_N

ClientSampleId :

SLCS073

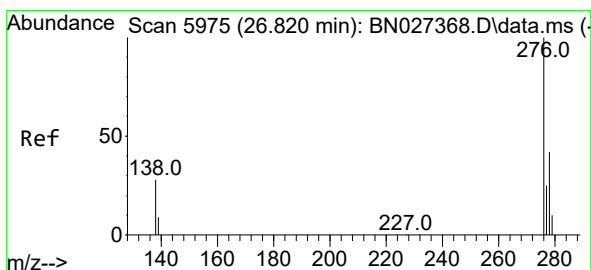
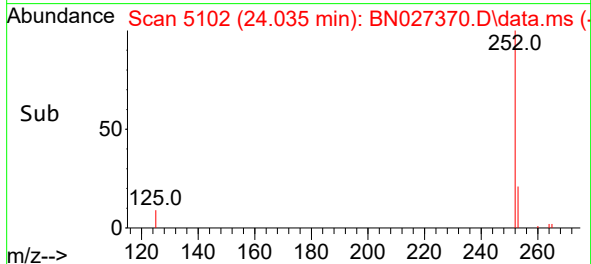
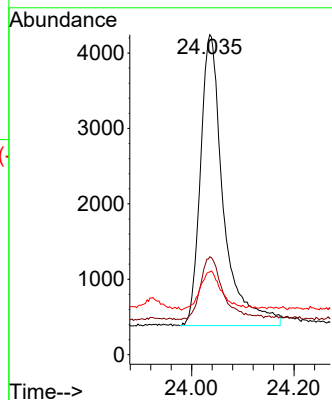
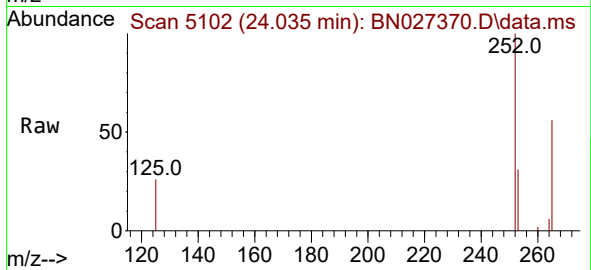
Tgt Ion:252 Resp: 12012

Ion Ratio Lower Upper

252 100

253 30.6 22.4 33.6

125 25.9 17.4 26.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.351 ng/ul

RT: 26.831 min Scan# 5978

Delta R.T. 0.030 min

Lab File: BN027370.D

Acq: 05 Sep 2023 11:46

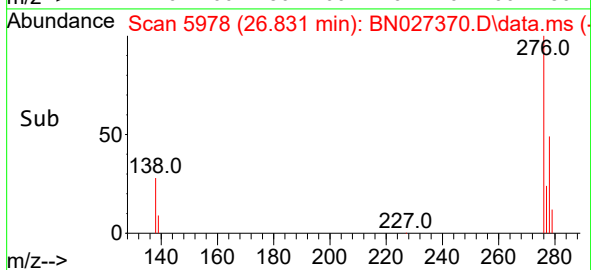
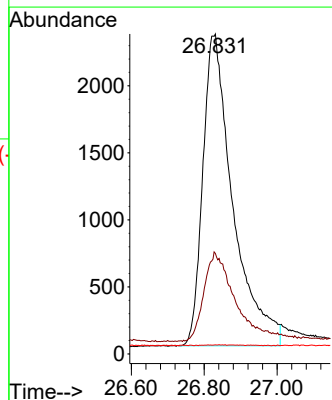
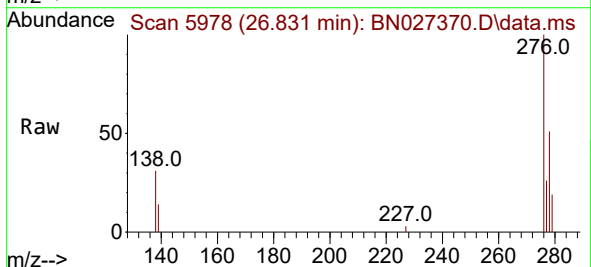
Tgt Ion:276 Resp: 13324

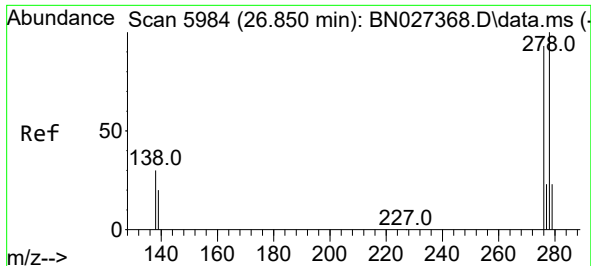
Ion Ratio Lower Upper

276 100

138 29.6 23.9 35.9

227 0.1 0.1 0.1

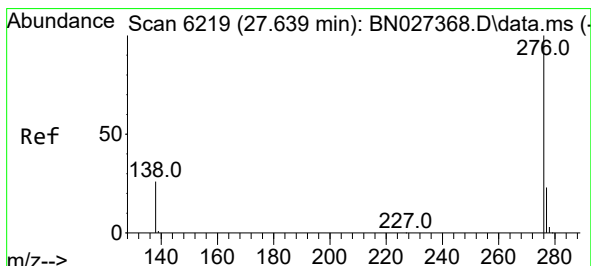
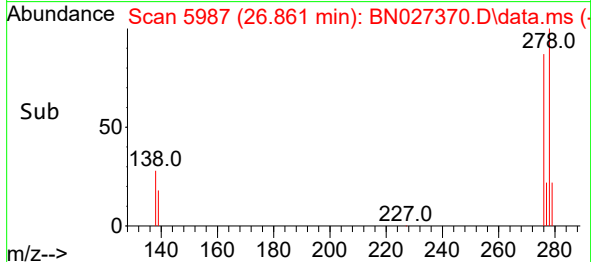
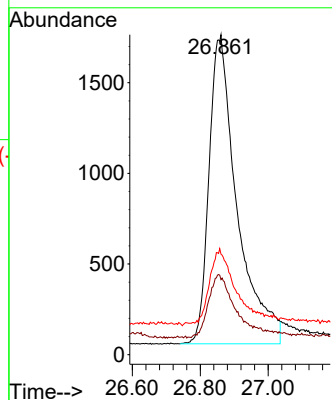
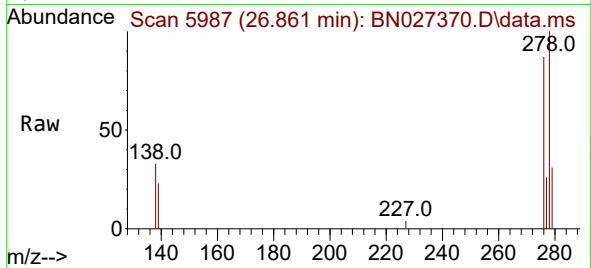




#28
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 26.861 min Scan# 5984
Delta R.T. 0.027 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

Instrument :
BNA_N
ClientSampleId :
SLCS073

Tgt Ion:278 Resp: 9762
Ion Ratio Lower Upper
278 100
139 23.5 18.0 27.0
279 31.4 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.386 ng/ul
RT: 27.649 min Scan# 6222
Delta R.T. 0.020 min
Lab File: BN027370.D
Acq: 05 Sep 2023 11:46

Tgt Ion:276 Resp: 13235
Ion Ratio Lower Upper
276 100
138 29.4 22.1 33.1
277 26.3 20.2 30.4

