

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090523\
 Data File : BN027401.D
 Acq On : 06 Sep 2023 08:26
 Operator : MA/JU
 Sample : PB155063BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS063

Quant Time: Sep 06 08:57:54 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

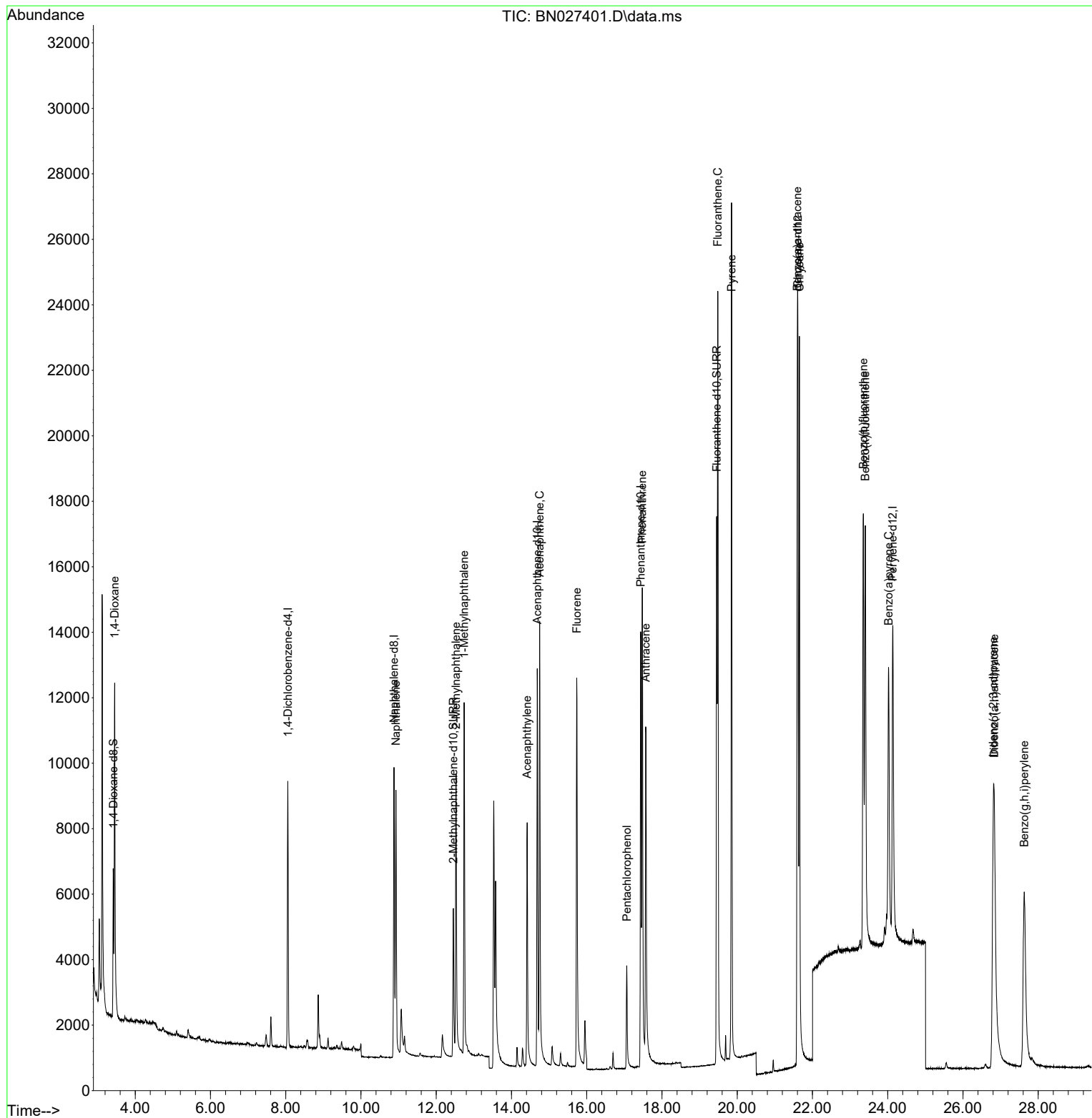
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4196	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	13557	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.685	164	7672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	18470	0.400	ng/ul	0.00
17) Chrysene-d12	21.612	240	17763	0.400	ng/ul	0.00
23) Perylene-d12	24.135	264	16072	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	3365	0.603	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	6896	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	19435	0.319	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	7807	1.382	ng/ul#	87
5) Naphthalene	10.928	128	11662	0.297	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	7051	0.287	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	7880	0.301	ng/ul	100
10) Acenaphthylene	14.416	152	10541	0.300	ng/ul	100
11) Acenaphthene	14.749	153	8924	0.295	ng/ul	99
12) Fluorene	15.735	166	10094	0.298	ng/ul	100
14) Pentachlorophenol	17.063	266	2469	0.686	ng/ul	100
15) Phenanthrene	17.476	178	17596	0.292	ng/ul	100
16) Anthracene	17.569	178	14221	0.297	ng/ul	100
19) Fluoranthene	19.483	202	22064	0.270	ng/ul	99
20) Pyrene	19.850	202	23005	0.277	ng/ul	98
21) Benzo(a)anthracene	21.597	228	19119	0.299	ng/ul	99
22) Chrysene	21.653	228	21532	0.288	ng/ul	99
24) Benzo(b)fluoranthene	23.351	252	21292	0.281	ng/ul	99
25) Benzo(k)fluoranthene	23.404	252	21474	0.289	ng/ul	98
26) Benzo(a)pyrene	24.024	252	16896	0.285	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.807	276	19343	0.294	ng/ul	99
28) Dibenzo(a,h)anthracene	26.834	278	14752	0.293	ng/ul	99
29) Benzo(g,h,i)perylene	27.629	276	17996	0.303	ng/ul	99

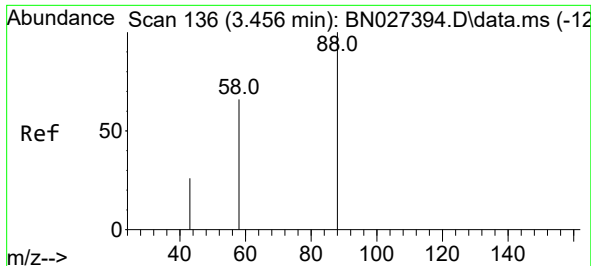
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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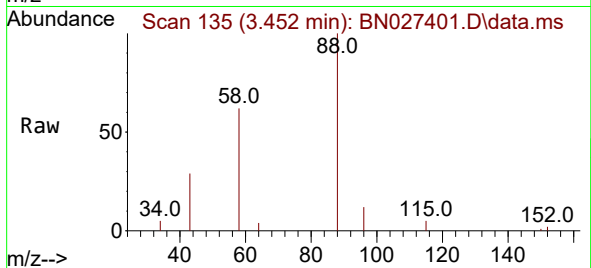
Quant Time: Sep 06 08:57:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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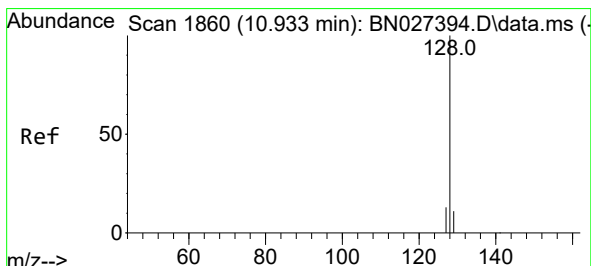
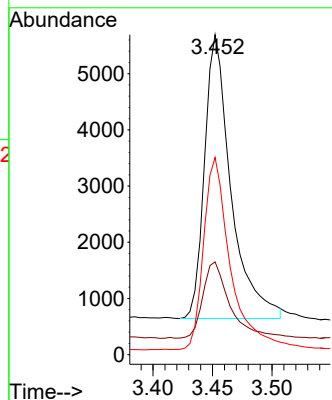
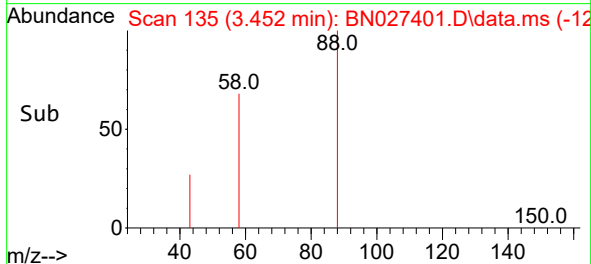


#2
1,4-Dioxane
Concen: 1.382 ng/ul
RT: 3.452 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027401.D
Acq: 06 Sep 2023 08:26

Instrument :
BNA_N
ClientSampleId :
SLCS063

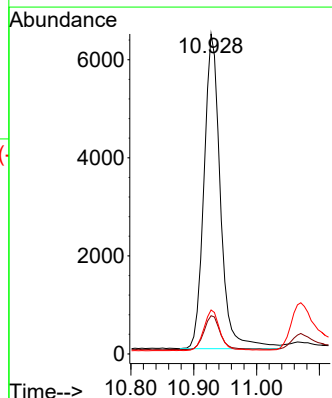
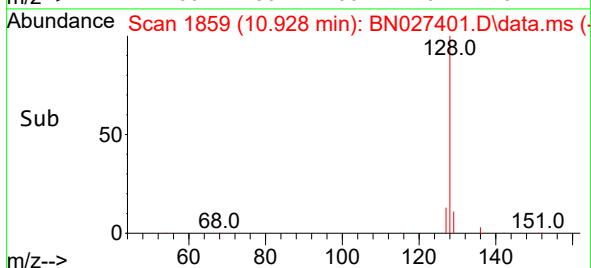
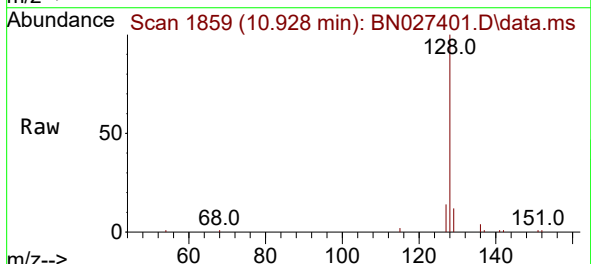


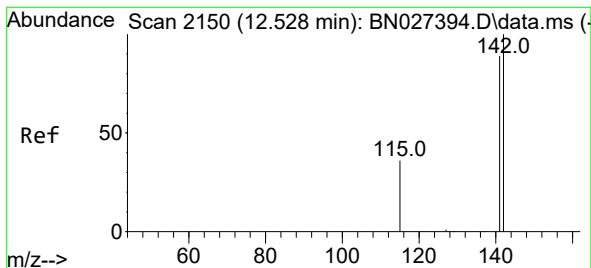
Tgt Ion: 88 Resp: 7807
Ion Ratio Lower Upper
88 100
43 29.0 26.8 40.2
58 61.7 39.9 59.9#



#5
Naphthalene
Concen: 0.297 ng/ul
RT: 10.928 min Scan# 1859
Delta R.T. -0.005 min
Lab File: BN027401.D
Acq: 06 Sep 2023 08:26

Tgt Ion:128 Resp: 11662
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.7 10.6 16.0

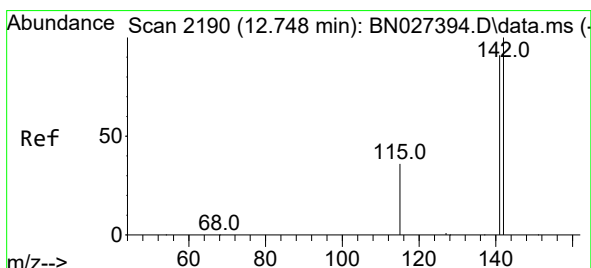
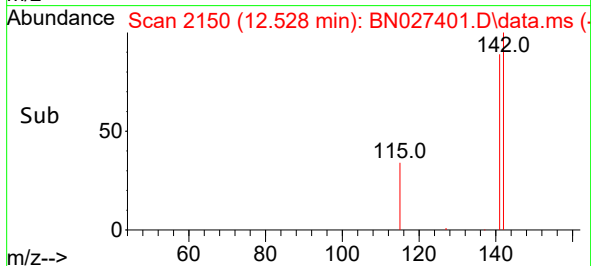
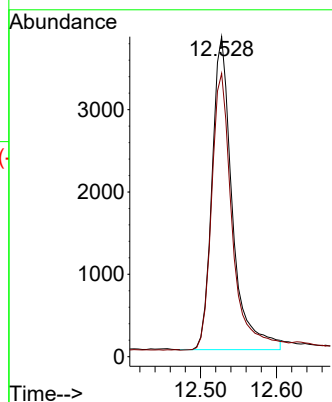
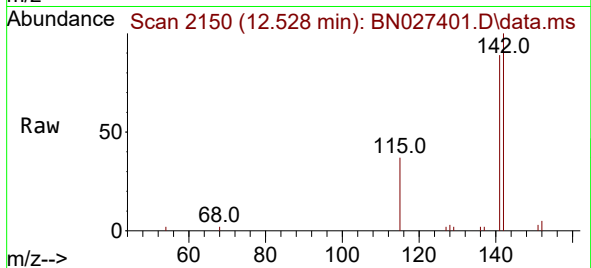




#7
2-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.528 min Scan# 2150
Delta R.T. -0.005 min
Lab File: BN027401.D
Acq: 06 Sep 2023 08:26

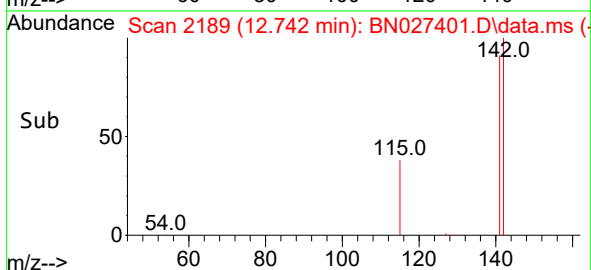
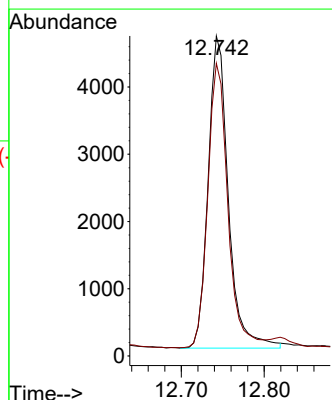
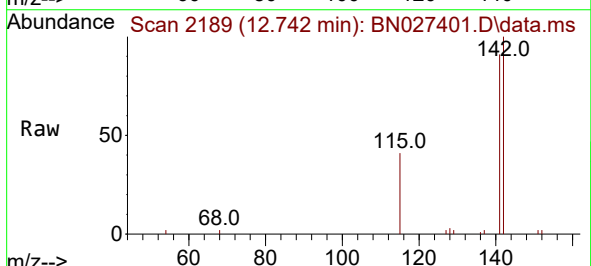
Instrument :
BNA_N
ClientSampleId :
SLCS063

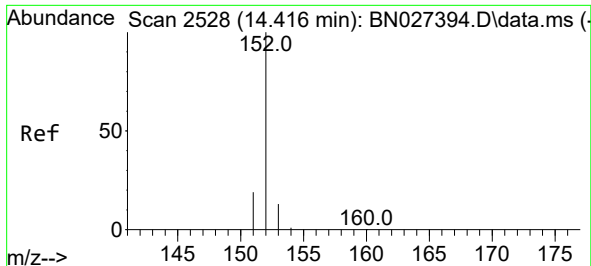
Tgt Ion:142 Resp: 7051
Ion Ratio Lower Upper
142 100
141 89.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BN027401.D
Acq: 06 Sep 2023 08:26

Tgt Ion:142 Resp: 7880
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4

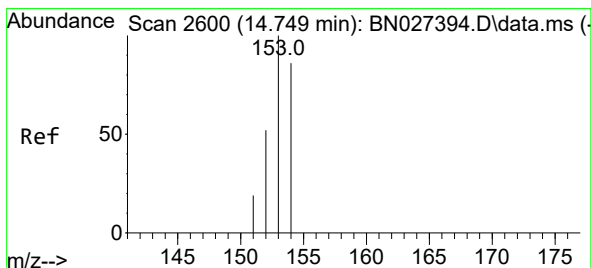
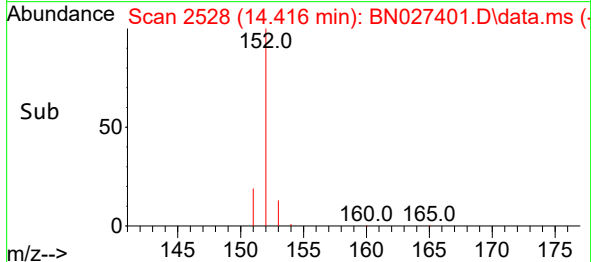
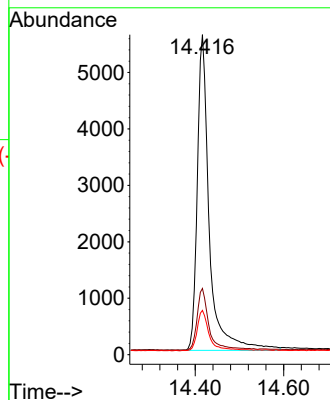
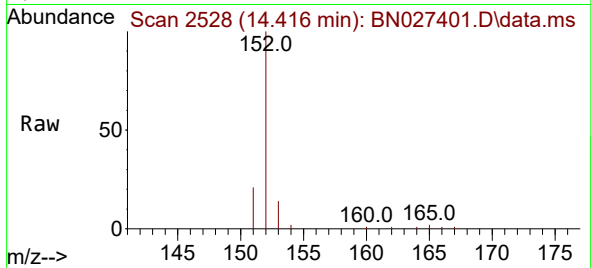




#10
Acenaphthylene
Concen: 0.300 ng/ul
RT: 14.416 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BN027401.D
Acq: 06 Sep 2023 08:26

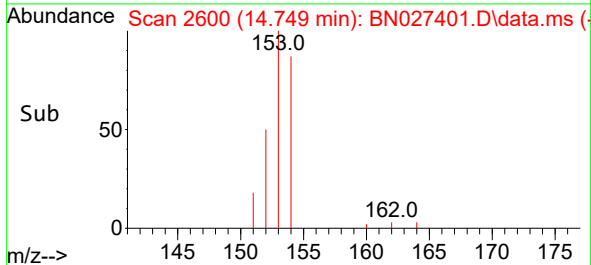
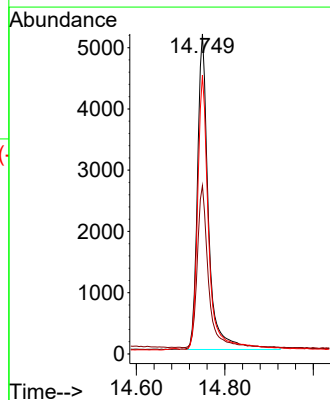
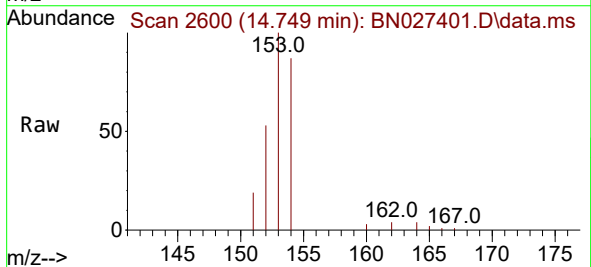
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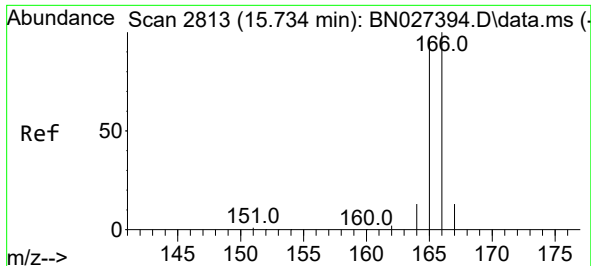
Tgt Ion:152 Resp: 10541
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.749 min Scan# 2600
Delta R.T. 0.000 min
Lab File: BN027401.D
Acq: 06 Sep 2023 08:26

Tgt Ion:153 Resp: 8924
Ion Ratio Lower Upper
153 100
152 52.6 42.9 64.3
154 87.2 69.4 104.0

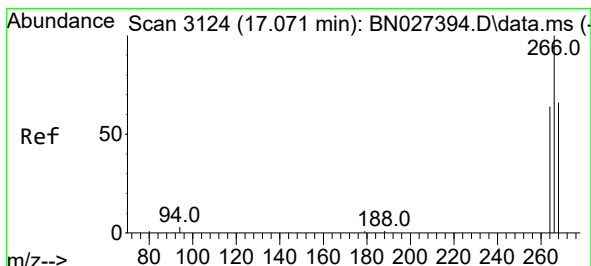
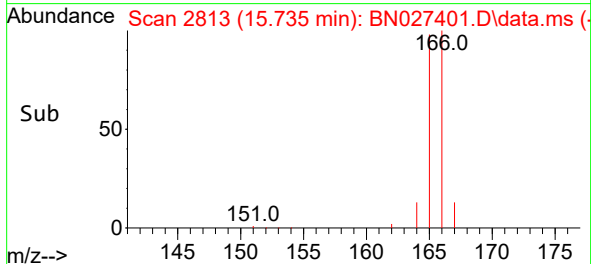
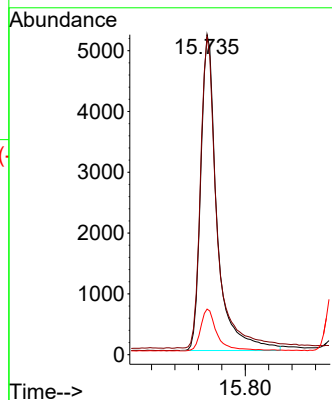
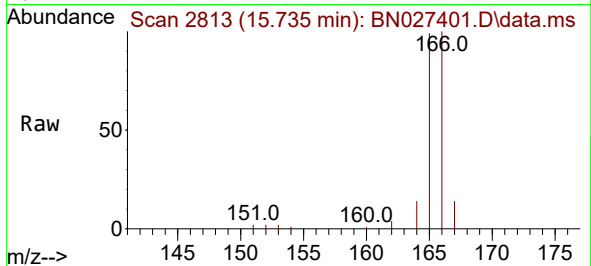




#12
Fluorene
Concen: 0.298 ng/ul
RT: 15.735 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027401.D
Acq: 06 Sep 2023 08:26

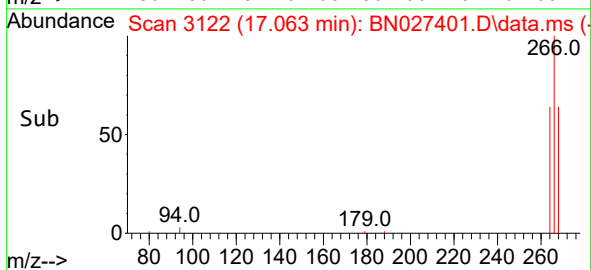
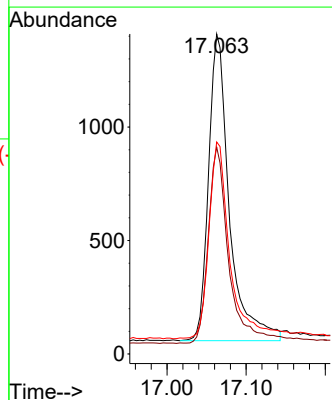
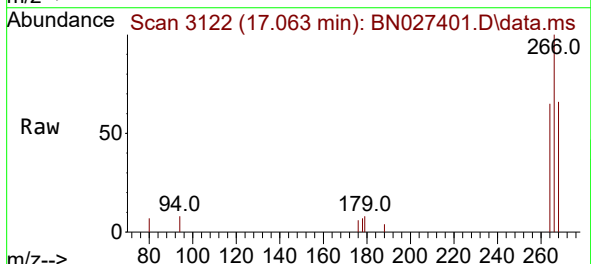
Instrument :
BNA_N
ClientSampleId :
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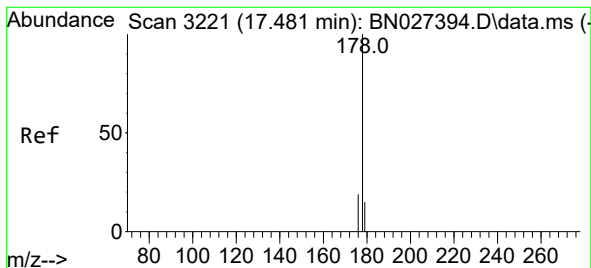
Tgt Ion:166 Resp: 10094
Ion Ratio Lower Upper
166 100
165 99.3 79.6 119.4
167 14.3 11.4 17.0



#14
Pentachlorophenol
Concen: 0.686 ng/ul
RT: 17.063 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN027401.D
Acq: 06 Sep 2023 08:26

Tgt Ion:266 Resp: 2469
Ion Ratio Lower Upper
266 100
264 63.2 50.4 75.6
268 65.0 51.9 77.9





#15

Phenanthrene

Concen: 0.292 ng/ul

RT: 17.476 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN027401.D

Acq: 06 Sep 2023 08:26

Instrument :

BNA_N

ClientSampleId :

SLCS063

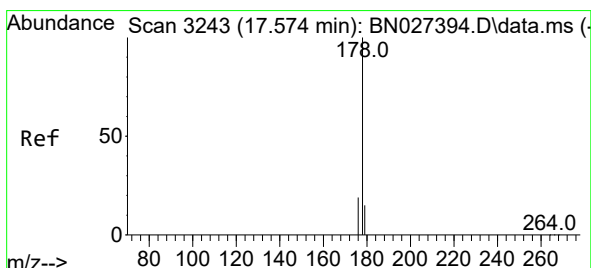
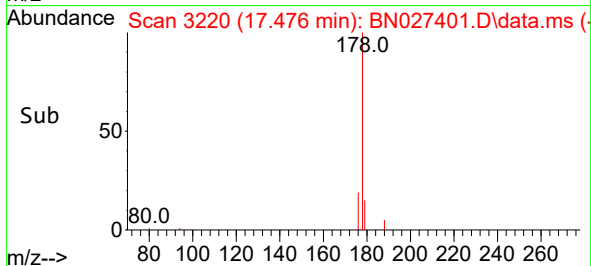
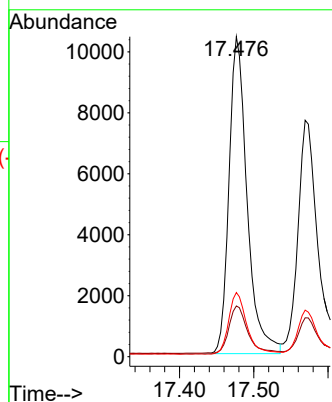
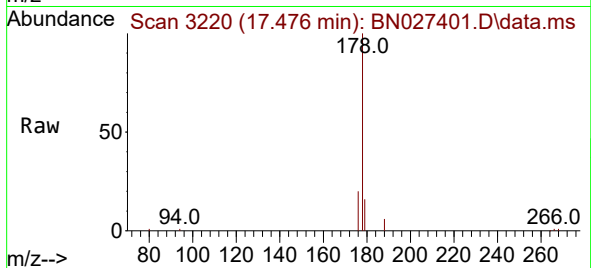
Tgt Ion:178 Resp: 17596

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

176 20.0 15.8 23.8



#16

Anthracene

Concen: 0.297 ng/ul

RT: 17.569 min Scan# 3242

Delta R.T. -0.004 min

Lab File: BN027401.D

Acq: 06 Sep 2023 08:26

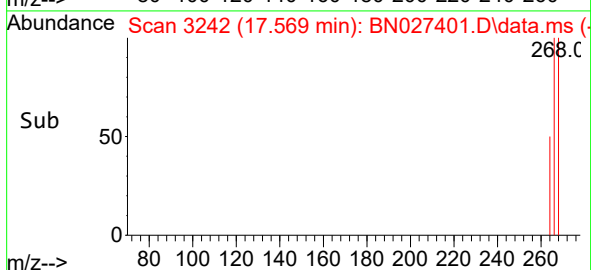
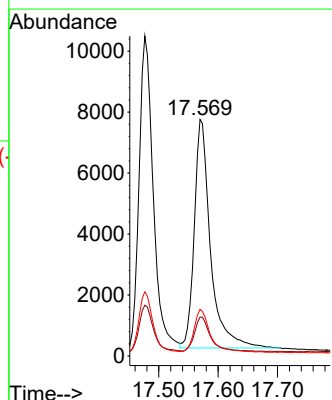
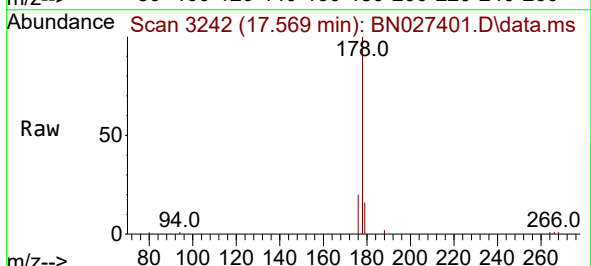
Tgt Ion:178 Resp: 14221

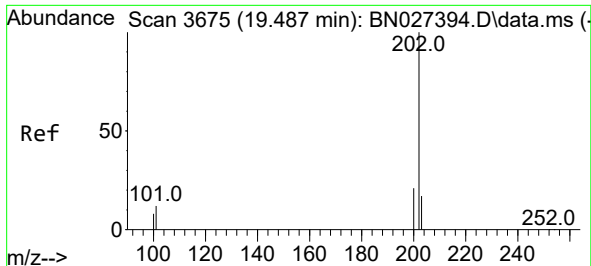
Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.6

176 19.7 15.6 23.4

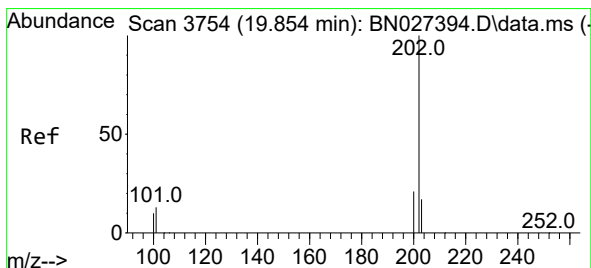
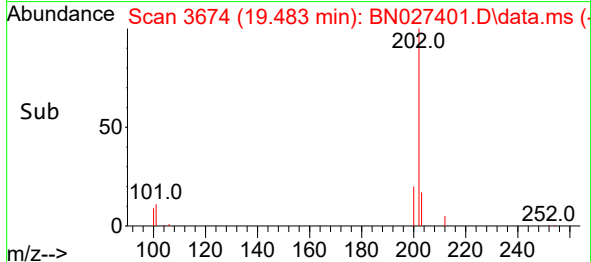
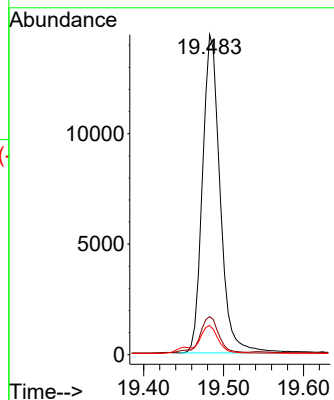
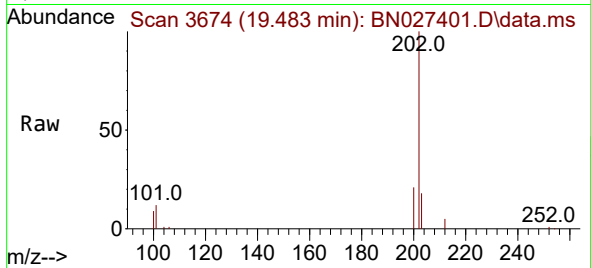




#19
Fluoranthene
Concen: 0.270 ng/ul
RT: 19.483 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN027401.D
Acq: 06 Sep 2023 08:26

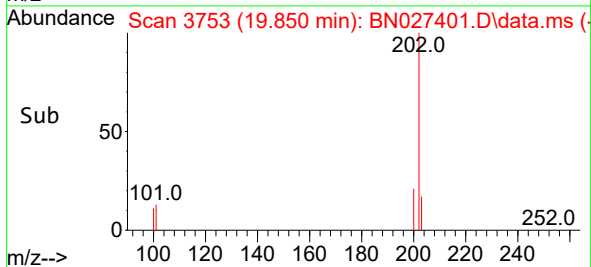
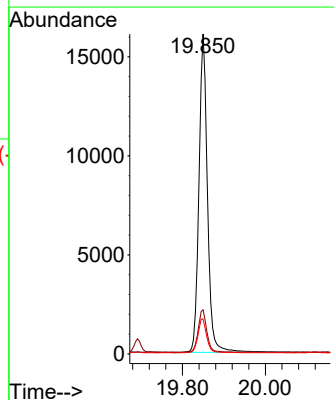
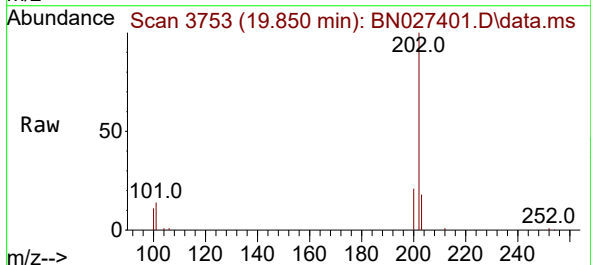
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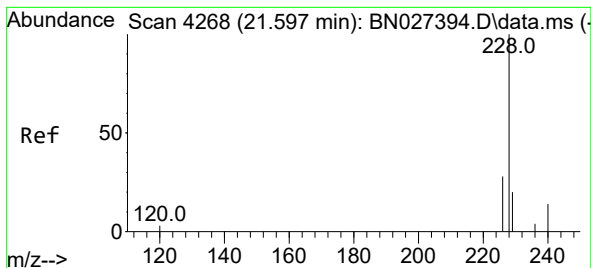
Tgt Ion:202 Resp: 22064
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.0
100 9.1 6.9 10.3



#20
Pyrene
Concen: 0.277 ng/ul
RT: 19.850 min Scan# 3753
Delta R.T. 0.000 min
Lab File: BN027401.D
Acq: 06 Sep 2023 08:26

Tgt Ion:202 Resp: 23005
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.2
100 10.9 9.4 14.2





#21

Benzo(a)anthracene

Concen: 0.299 ng/ul

RT: 21.597 min Scan# 4268

Delta R.T. 0.006 min

Lab File: BN027401.D

Acq: 06 Sep 2023 08:26

Instrument :

BNA_N

ClientSampleId :

SLCS063

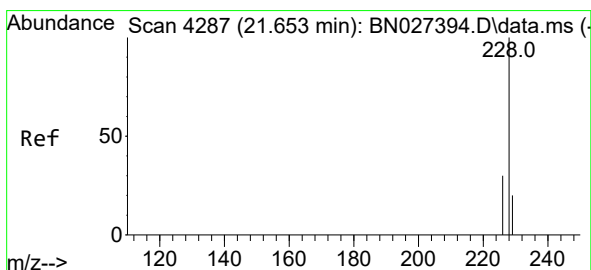
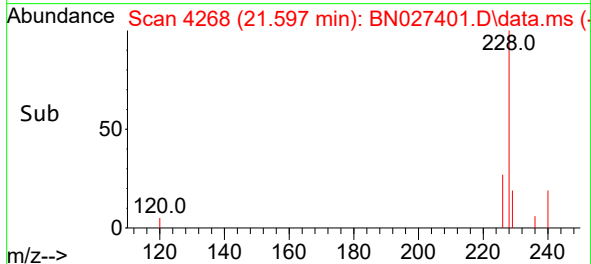
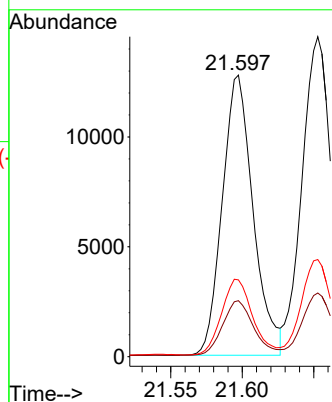
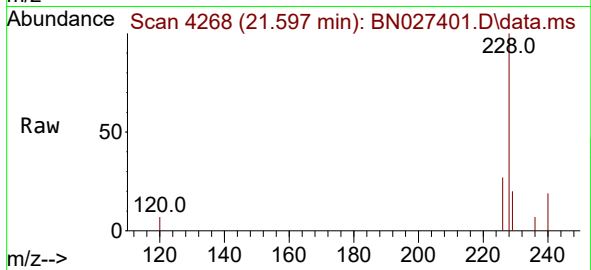
Tgt Ion:228 Resp: 19119

Ion Ratio Lower Upper

228 100

229 19.9 15.7 23.5

226 27.3 22.0 33.0



#22

Chrysene

Concen: 0.288 ng/ul

RT: 21.653 min Scan# 4287

Delta R.T. 0.006 min

Lab File: BN027401.D

Acq: 06 Sep 2023 08:26

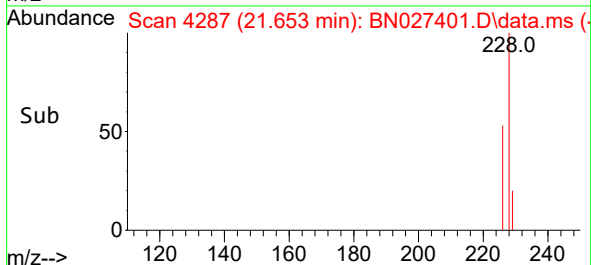
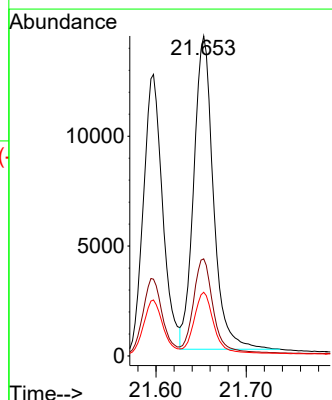
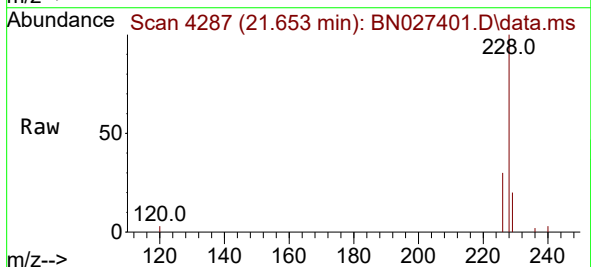
Tgt Ion:228 Resp: 21532

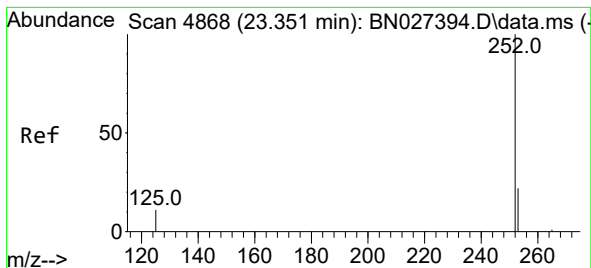
Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.9 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.281 ng/ul

RT: 23.351 min Scan# 4868

Delta R.T. 0.006 min

Lab File: BN027401.D

Acq: 06 Sep 2023 08:26

Instrument :

BNA_N

ClientSampleId :

SLCS063

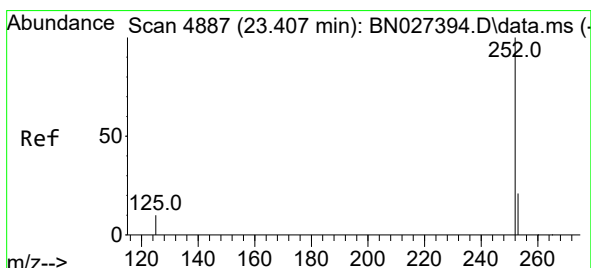
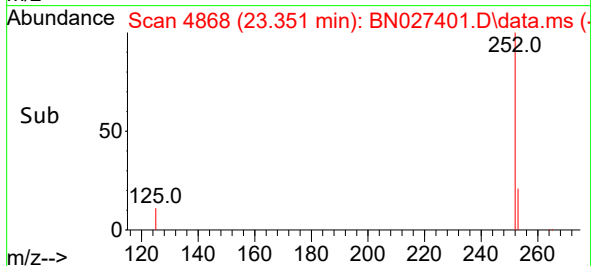
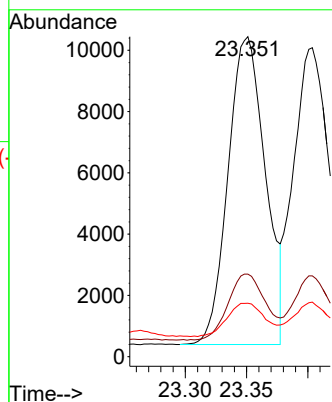
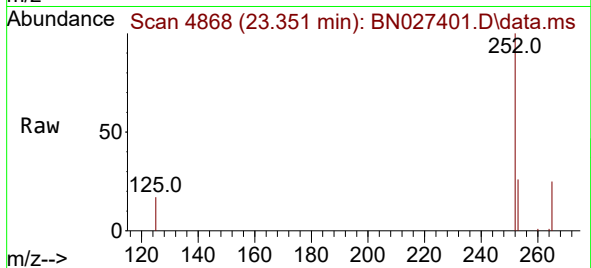
Tgt Ion:252 Resp: 21292

Ion Ratio Lower Upper

252 100

253 25.8 0.0 49.6

125 16.7 0.0 33.8



#25

Benzo(k)fluoranthene

Concen: 0.289 ng/ul

RT: 23.404 min Scan# 4886

Delta R.T. 0.006 min

Lab File: BN027401.D

Acq: 06 Sep 2023 08:26

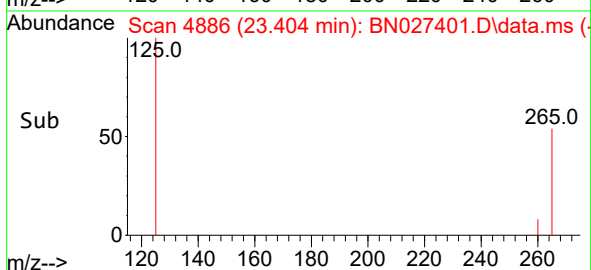
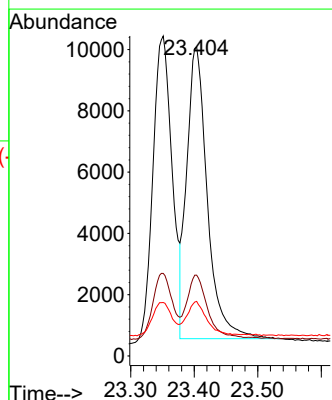
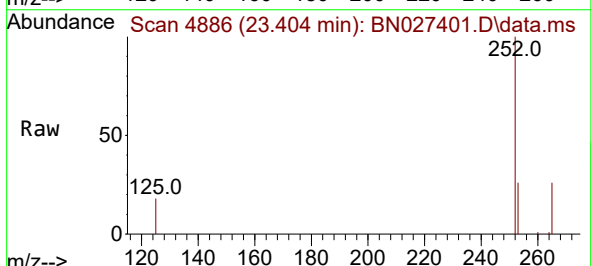
Tgt Ion:252 Resp: 21474

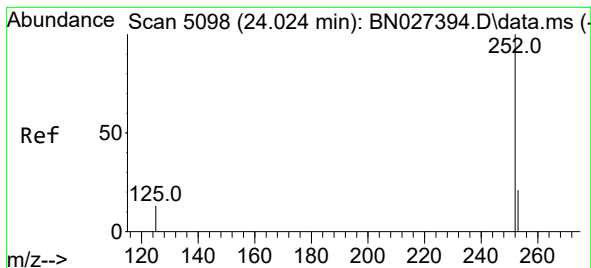
Ion Ratio Lower Upper

252 100

253 26.2 19.9 29.9

125 17.6 13.6 20.4





#26

Benzo(a)pyrene

Concen: 0.285 ng/ul

RT: 24.024 min Scan# 5098

Delta R.T. 0.006 min

Lab File: BN027401.D

Acq: 06 Sep 2023 08:26

Instrument :

BNA_N

ClientSampleId :

SLCS063

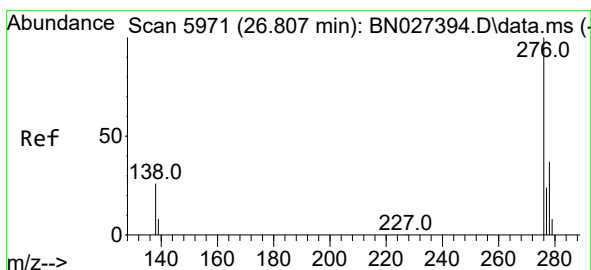
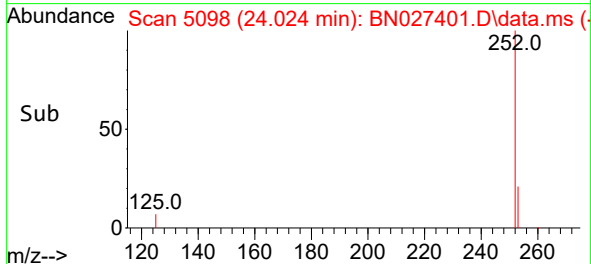
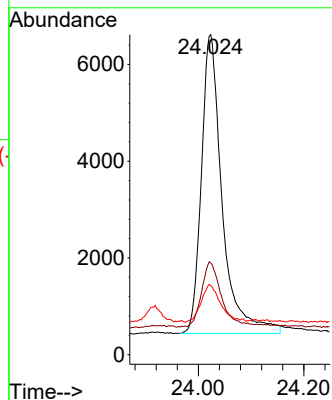
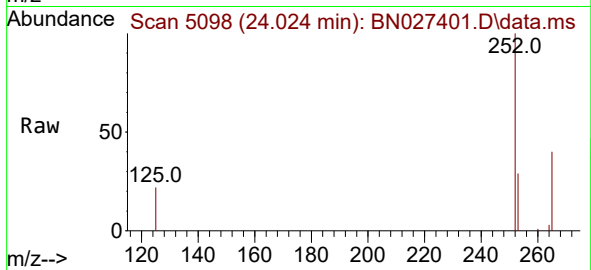
Tgt Ion:252 Resp: 16896

Ion Ratio Lower Upper

252 100

253 28.7 22.4 33.6

125 21.5 17.4 26.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.294 ng/ul

RT: 26.807 min Scan# 5971

Delta R.T. 0.007 min

Lab File: BN027401.D

Acq: 06 Sep 2023 08:26

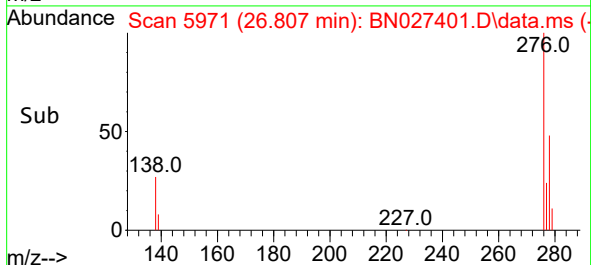
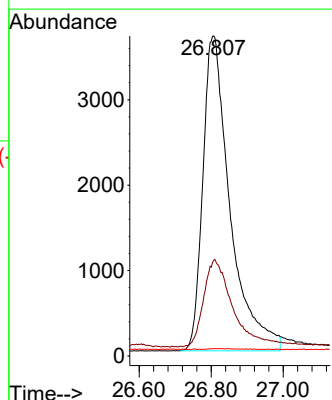
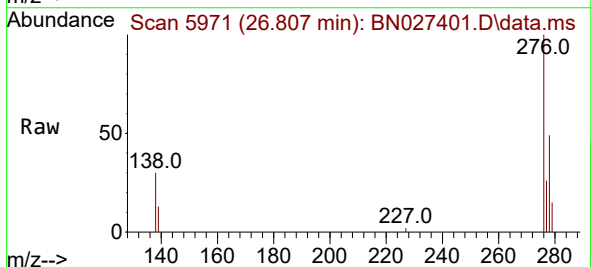
Tgt Ion:276 Resp: 19343

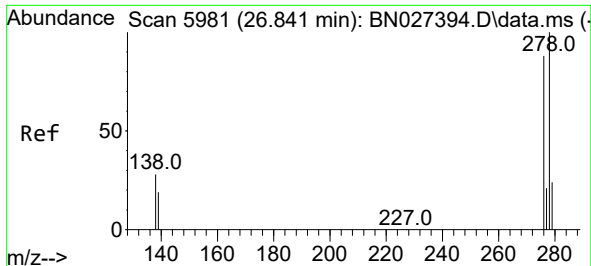
Ion Ratio Lower Upper

276 100

138 29.1 23.9 35.9

227 0.1 0.1 0.1

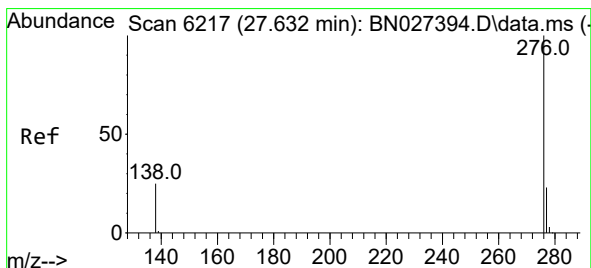
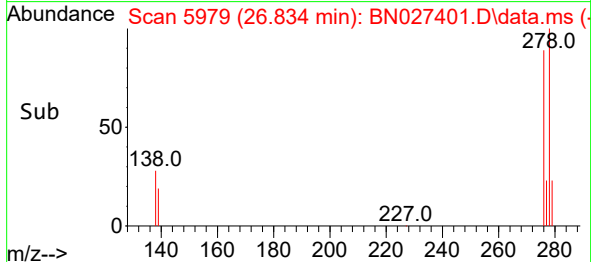
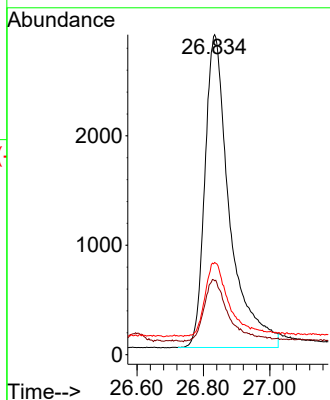
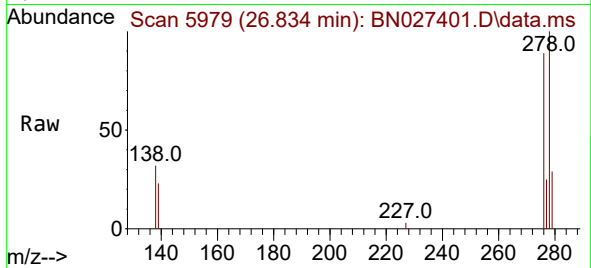




#28
Dibenzo(a,h)anthracene
Concen: 0.293 ng/ul
RT: 26.834 min Scan# 5981
Delta R.T. 0.000 min
Lab File: BN027401.D
Acq: 06 Sep 2023 08:26

Instrument :
BNA_N
ClientSampleId :
SLCS063

Tgt Ion:278 Resp: 14752
Ion Ratio Lower Upper
278 100
139 23.1 18.0 27.0
279 28.8 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.303 ng/ul
RT: 27.629 min Scan# 6216
Delta R.T. 0.000 min
Lab File: BN027401.D
Acq: 06 Sep 2023 08:26

Tgt Ion:276 Resp: 17996
Ion Ratio Lower Upper
276 100
138 28.1 22.1 33.1
277 25.2 20.2 30.4

