

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028108.D
 Acq On : 07 Oct 2023 06:16
 Operator : MA/JU
 Sample : PB156033BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS033

Quant Time: Oct 08 00:50:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

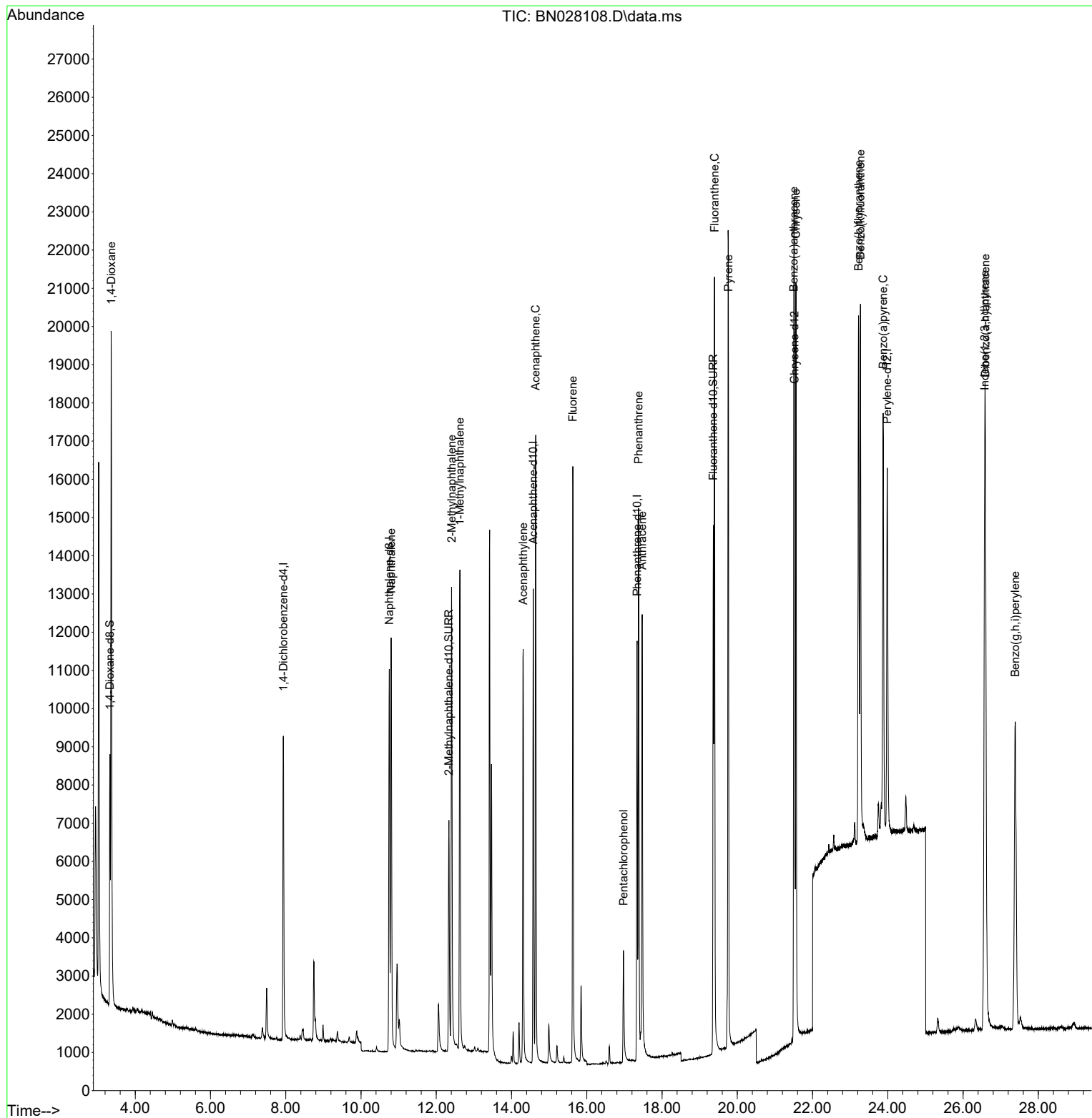
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4682	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	14432	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.578	164	7173	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	13624	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	12118	0.400	ng/ul	0.00
23) Perylene-d12	23.985	264	13439	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	4642	0.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	9061	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	16357	0.426	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	13932	2.238	ng/ul#	86
5) Naphthalene	10.801	128	15798	0.386	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	9494	0.367	ng/ul	98
8) 1-Methylnaphthalene	12.627	142	9285	0.347	ng/ul	100
10) Acenaphthylene	14.310	152	13643	0.419	ng/ul	99
11) Acenaphthene	14.643	153	10076	0.389	ng/ul	99
12) Fluorene	15.628	166	10731	0.372	ng/ul	98
14) Pentachlorophenol	16.974	266	2505	0.857	ng/ul	100
15) Phenanthrene	17.375	178	16110	0.397	ng/ul	99
16) Anthracene	17.472	178	14775	0.407	ng/ul	98
19) Fluoranthene	19.394	202	18266	0.395	ng/ul	99
20) Pyrene	19.761	202	19096	0.398	ng/ul	100
21) Benzo(a)anthracene	21.504	228	18704	0.423	ng/ul	100
22) Chrysene	21.559	228	18437	0.413	ng/ul	99
24) Benzo(b)fluoranthene	23.222	252	18915	0.380	ng/ul	94
25) Benzo(k)fluoranthene	23.272	252	19942	0.402	ng/ul	95
26) Benzo(a)pyrene	23.874	252	18317	0.431	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.575	276	23242	0.452	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.592	278	18825	0.450	ng/ul	97
29) Benzo(g,h,i)perylene	27.387	276	19053	0.453	ng/ul	98

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

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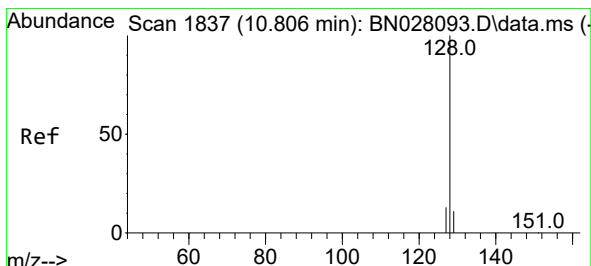
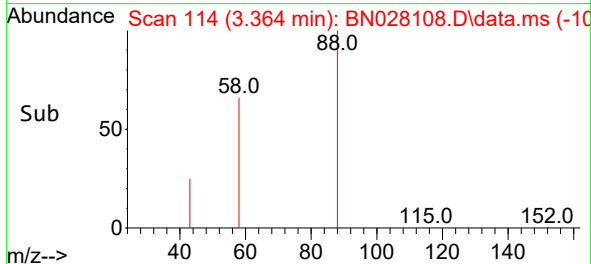
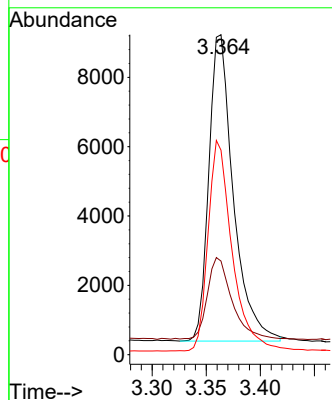
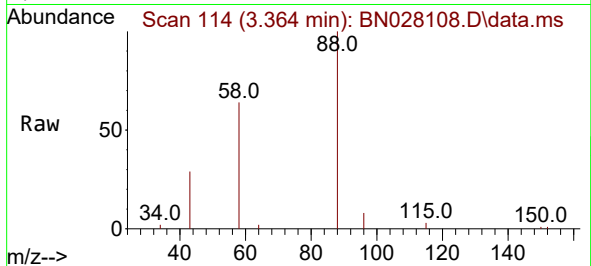




#2
1,4-Dioxane
Concen: 2.238 ng/ul
RT: 3.364 min Scan# 115
Delta R.T. 0.000 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

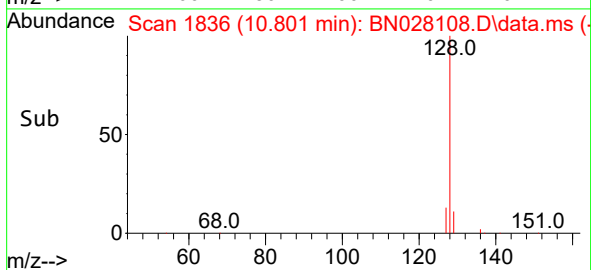
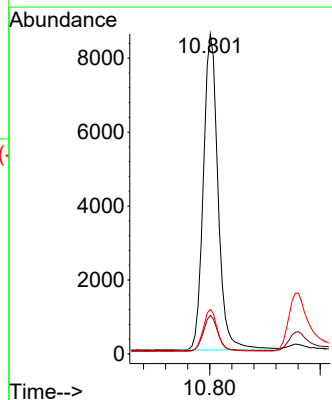
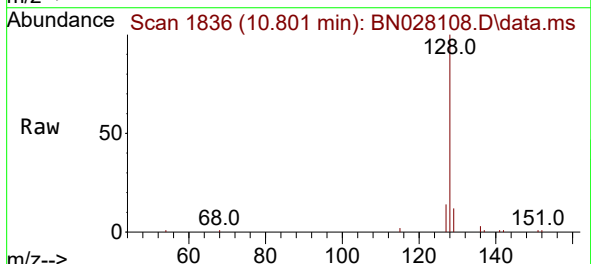
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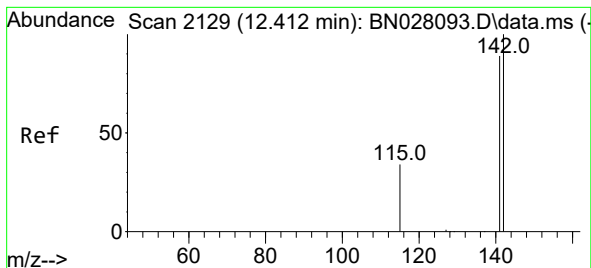
Tgt Ion: 88 Resp: 13932
Ion Ratio Lower Upper
88 100
43 29.2 33.4 50.2#
58 63.9 45.7 68.5



#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.801 min Scan# 1836
Delta R.T. -0.005 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

Tgt Ion:128 Resp: 15798
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 13.9 11.0 16.4

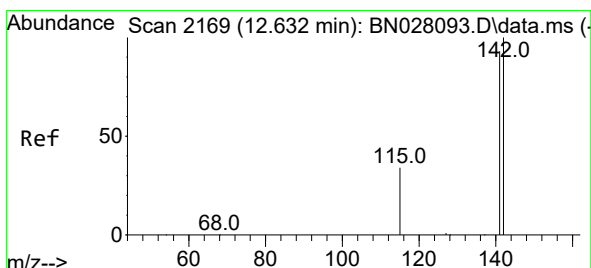
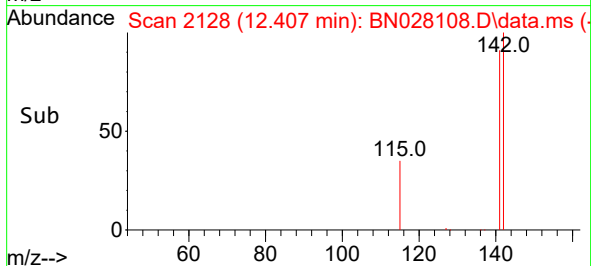
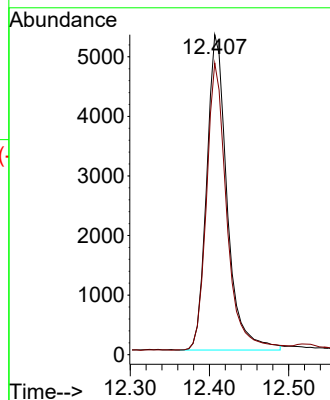
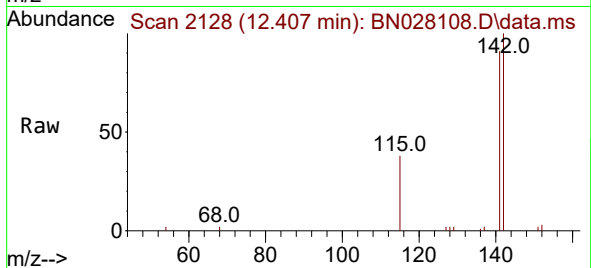




#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.407 min Scan# 2128
Delta R.T. -0.005 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

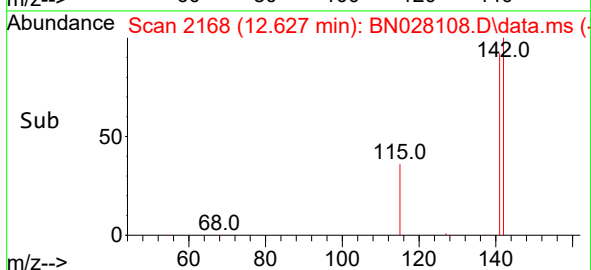
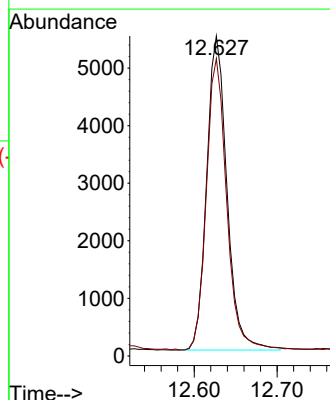
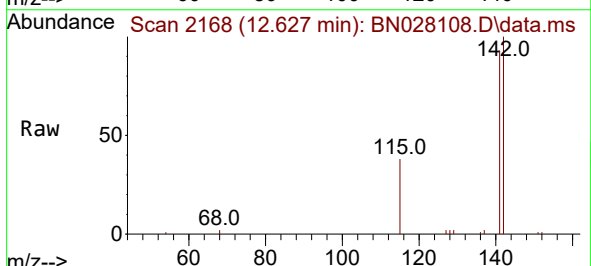
Instrument :
BNA_N
ClientSampleId :
SLCS033

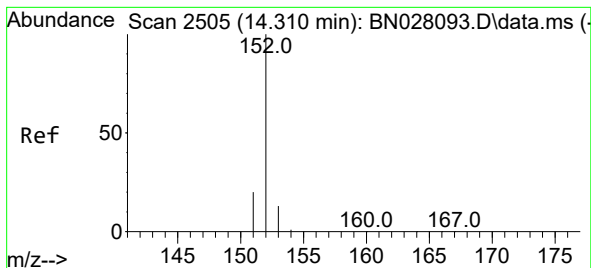
Tgt Ion:142 Resp: 9494
Ion Ratio Lower Upper
142 100
141 90.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.627 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

Tgt Ion:142 Resp: 9285
Ion Ratio Lower Upper
142 100
141 92.6 74.4 111.6





#10

Acenaphthylene

Concen: 0.419 ng/ul

RT: 14.310 min Scan# 2505

Delta R.T. 0.000 min

Lab File: BN028108.D

Acq: 07 Oct 2023 06:16

Instrument :

BNA_N

ClientSampleId :

SLCS033

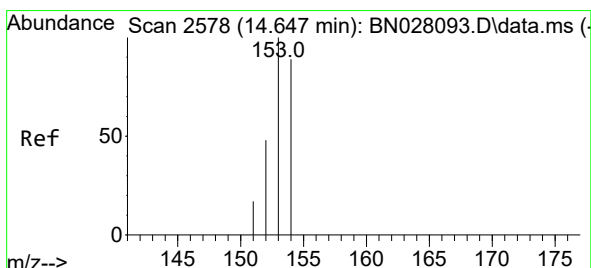
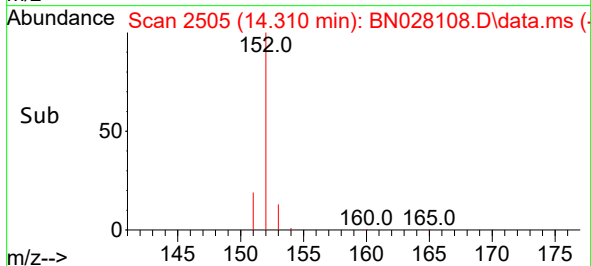
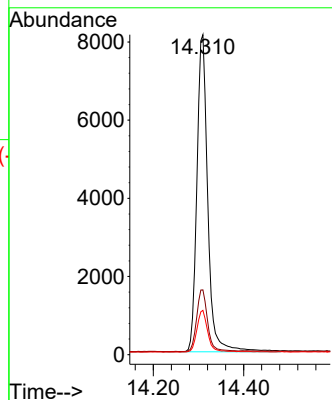
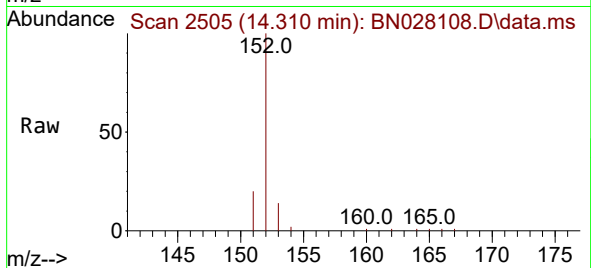
Tgt Ion:152 Resp: 13643

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.8 10.9 16.3



#11

Acenaphthene

Concen: 0.389 ng/ul

RT: 14.643 min Scan# 2577

Delta R.T. 0.000 min

Lab File: BN028108.D

Acq: 07 Oct 2023 06:16

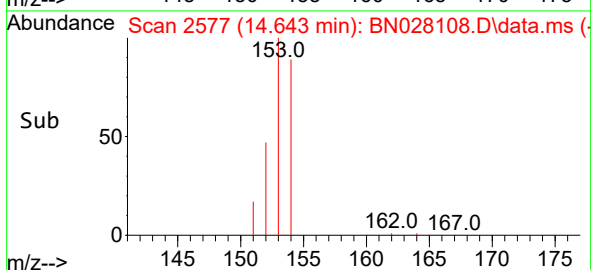
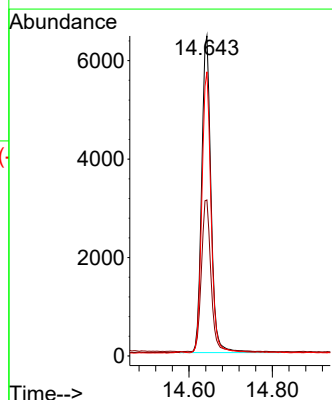
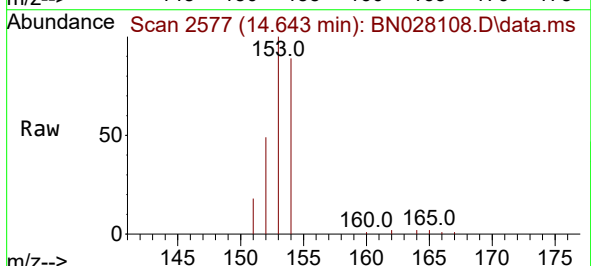
Tgt Ion:153 Resp: 10076

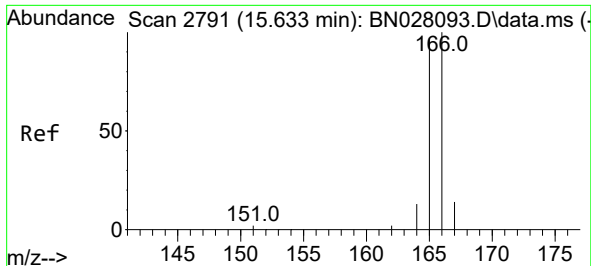
Ion Ratio Lower Upper

153 100

152 48.7 39.4 59.0

154 88.8 70.2 105.4

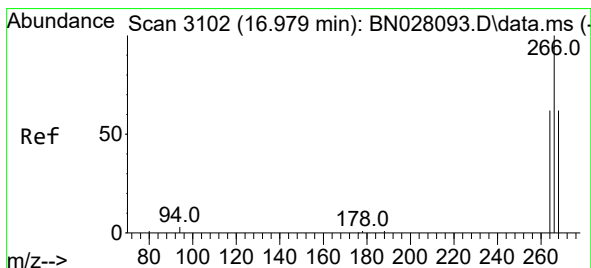
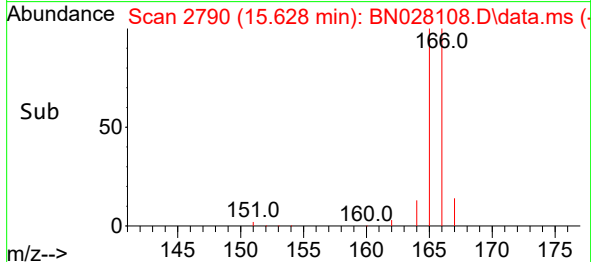
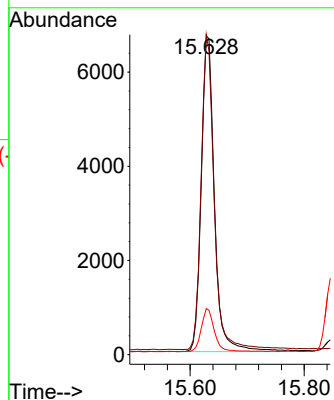
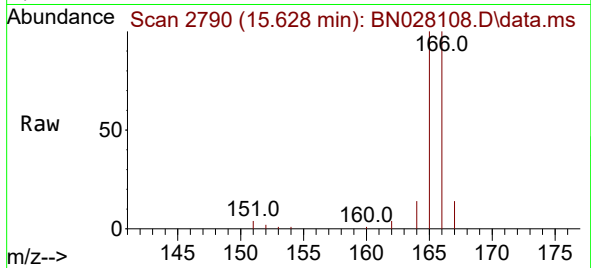




#12
 Fluorene
 Concen: 0.372 ng/ul
 RT: 15.628 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN028108.D
 Acq: 07 Oct 2023 06:16

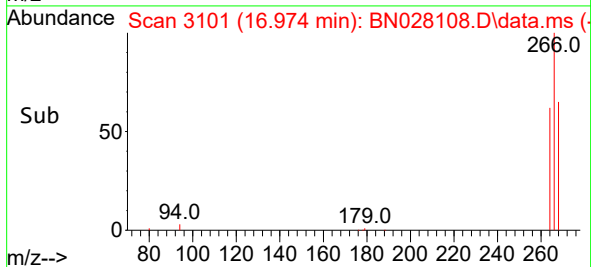
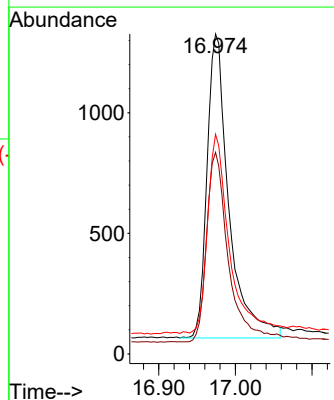
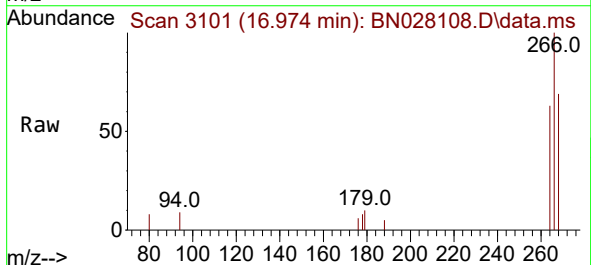
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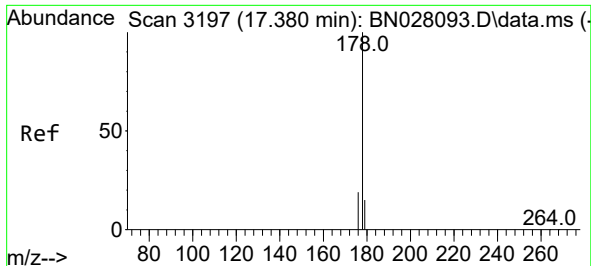
Tgt Ion:166 Resp: 10731
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.5 117.7
 167 14.4 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.857 ng/ul
 RT: 16.974 min Scan# 3101
 Delta R.T. 0.004 min
 Lab File: BN028108.D
 Acq: 07 Oct 2023 06:16

Tgt Ion:266 Resp: 2505
 Ion Ratio Lower Upper
 266 100
 264 62.3 49.6 74.4
 268 65.5 52.2 78.4

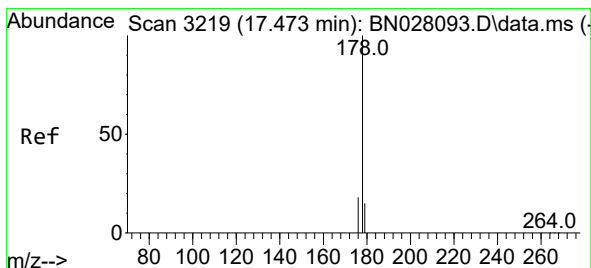
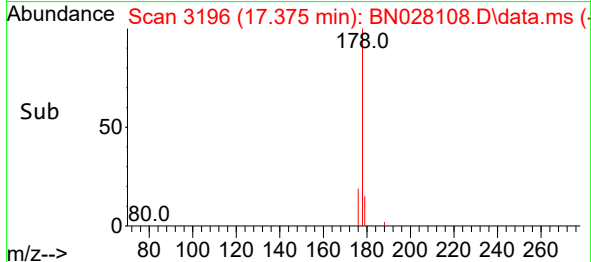
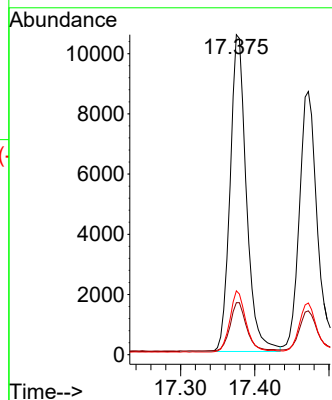
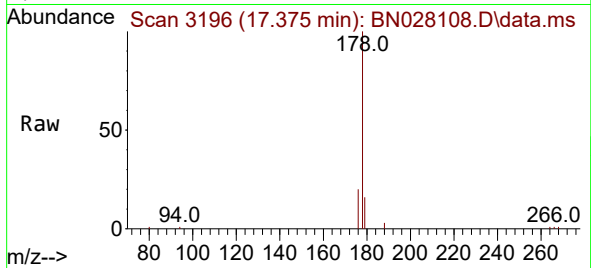




#15
Phenanthrene
Concen: 0.397 ng/ul
RT: 17.375 min Scan# 3196
Delta R.T. -0.000 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

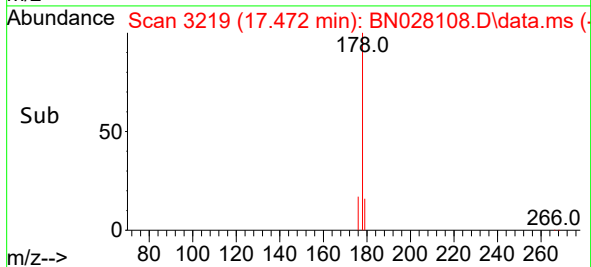
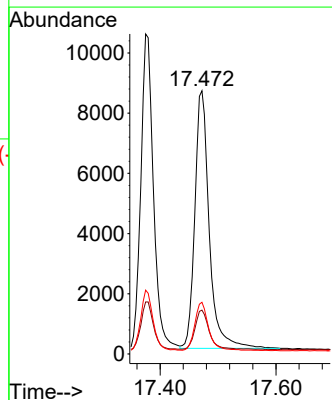
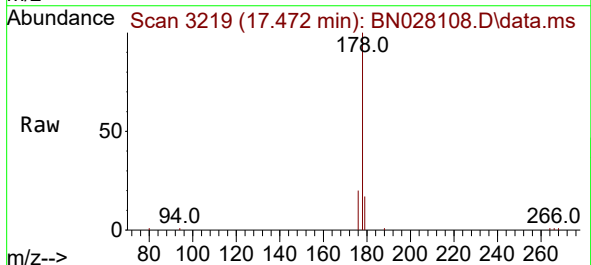
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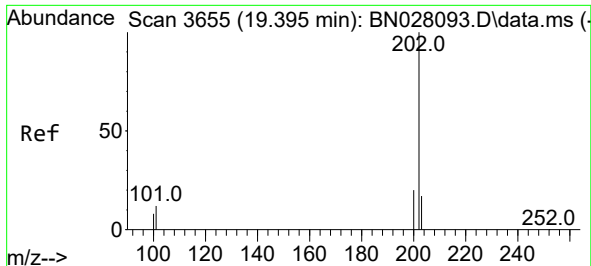
Tgt Ion:178 Resp: 16110
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 19.9 15.5 23.3



#16
Anthracene
Concen: 0.407 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. 0.004 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

Tgt Ion:178 Resp: 14775
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 19.6 15.0 22.6

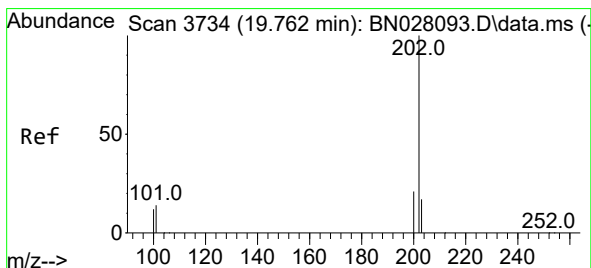
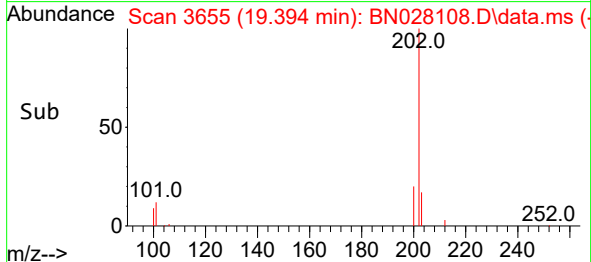
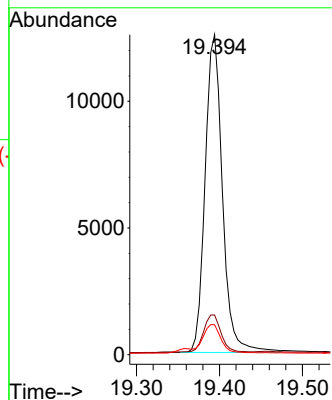
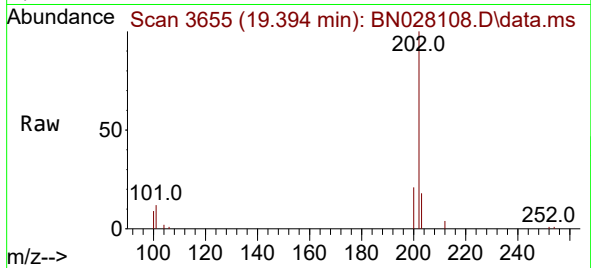




#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.394 min Scan# 3655
Delta R.T. 0.004 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

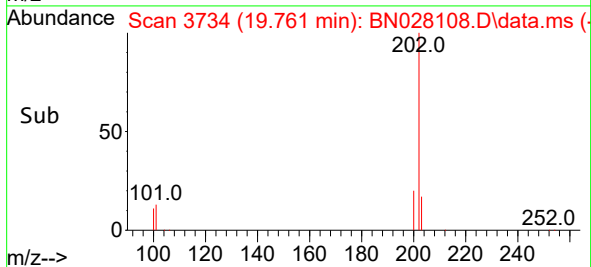
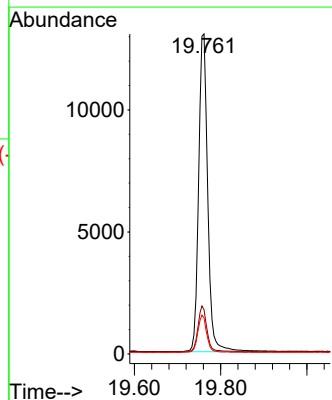
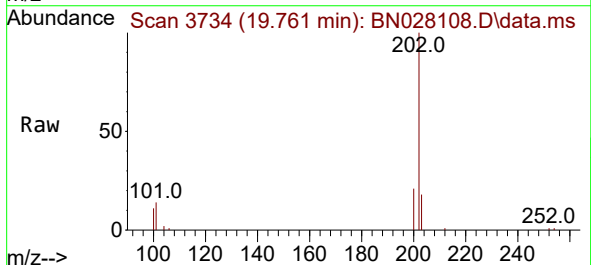
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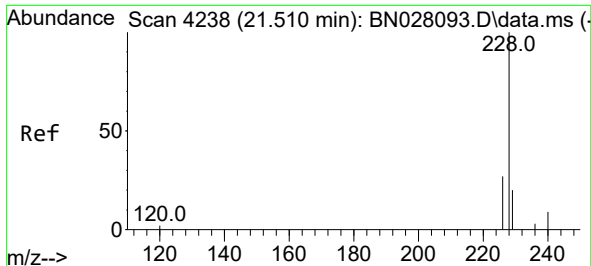
Tgt Ion:202 Resp: 18266
Ion Ratio Lower Upper
202 100
101 12.4 9.6 14.4
100 9.3 7.4 11.0



#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.761 min Scan# 3734
Delta R.T. 0.004 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

Tgt Ion:202 Resp: 19096
Ion Ratio Lower Upper
202 100
101 13.8 11.2 16.8
100 11.3 9.1 13.7

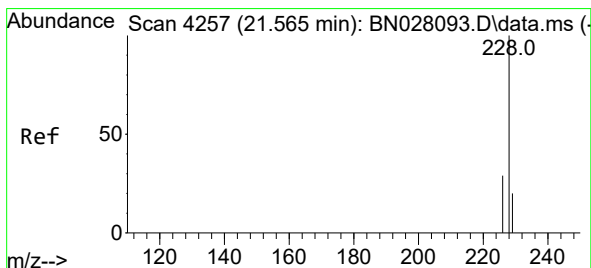
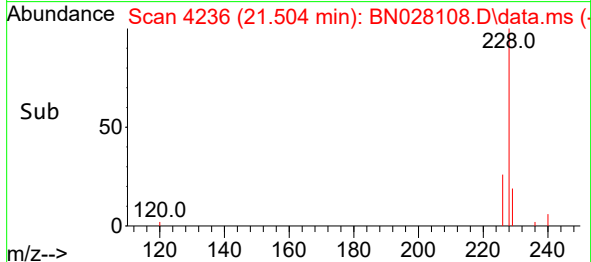
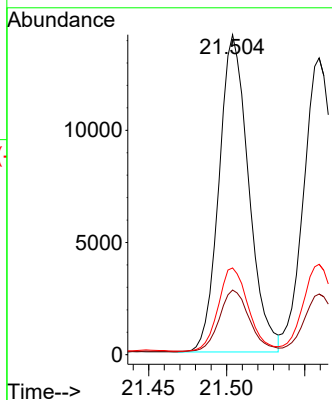
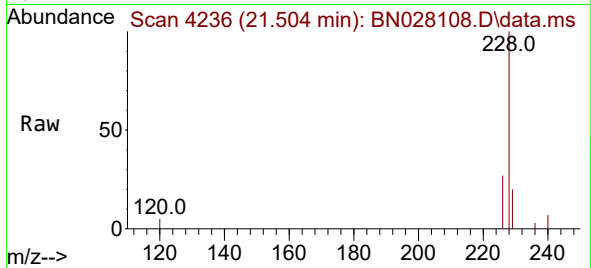




#21
Benzo(a)anthracene
Concen: 0.423 ng/ul
RT: 21.504 min Scan# 4236
Delta R.T. 0.003 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

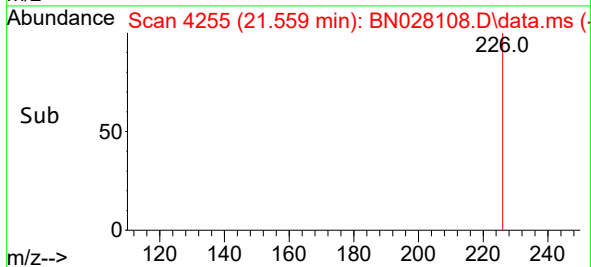
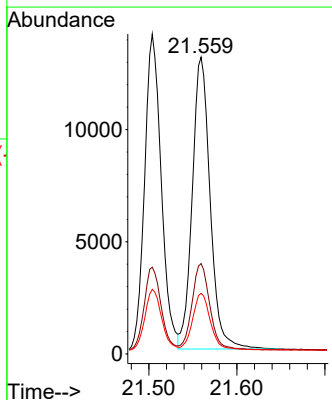
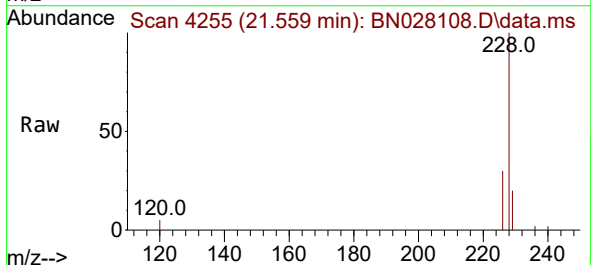
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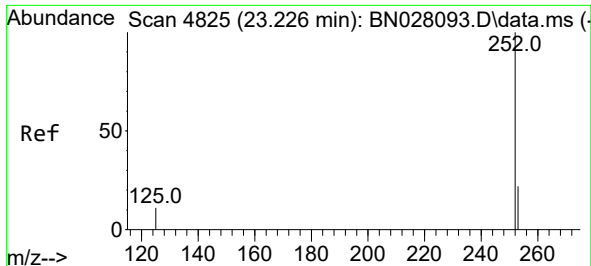
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Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.1 21.5 32.3



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.559 min Scan# 4255
Delta R.T. 0.003 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

Tgt Ion:228 Resp: 18437
Ion Ratio Lower Upper
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226 30.5 23.8 35.8
229 20.5 16.0 24.0

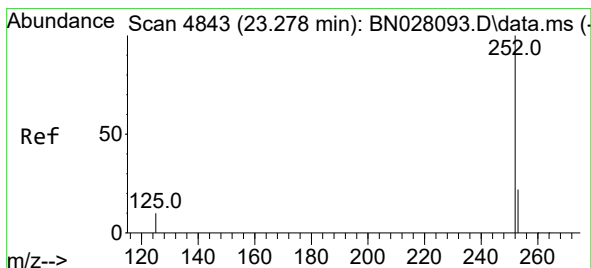
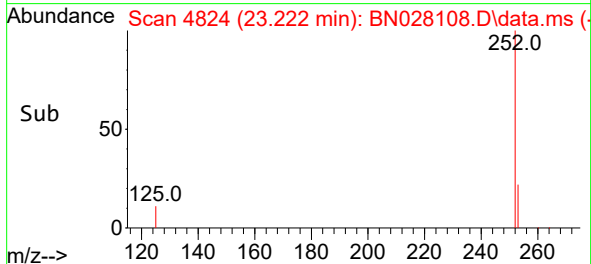
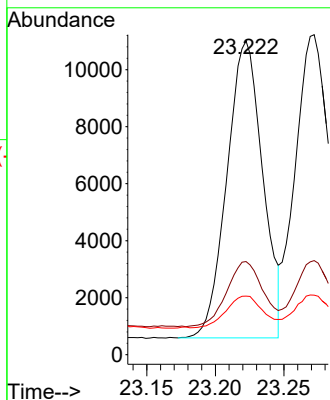
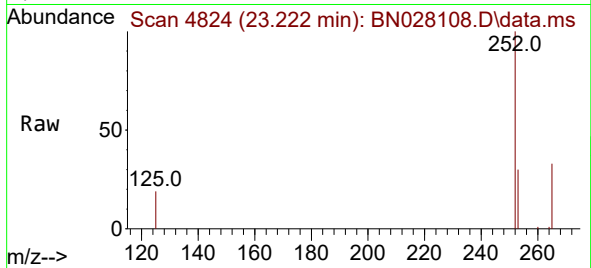




#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.222 min Scan# 4824
Delta R.T. 0.006 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

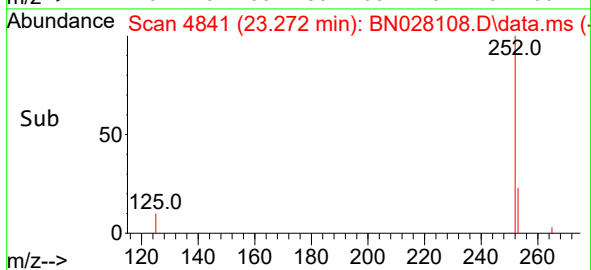
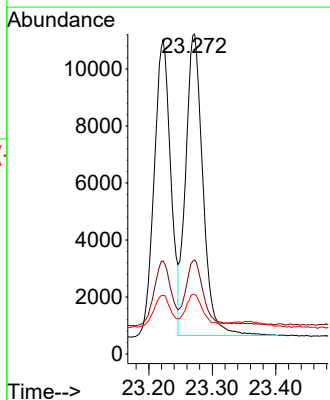
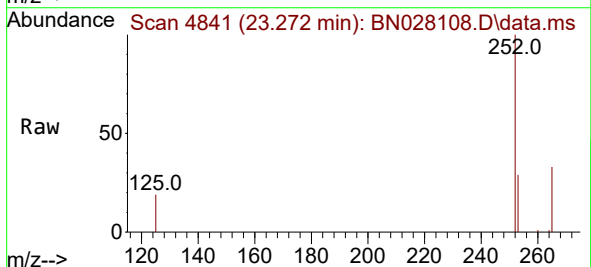
Instrument :
BNA_N
ClientSampleId :
SLCS033

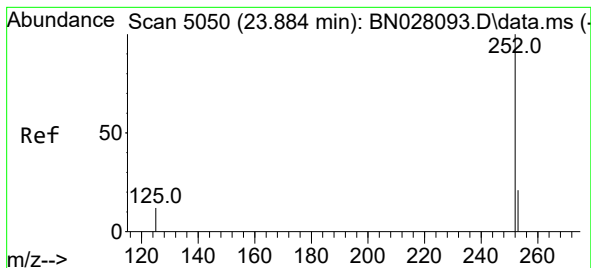
Tgt Ion:252 Resp: 18915
Ion Ratio Lower Upper
252 100
253 29.7 0.0 54.0
125 18.7 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 23.272 min Scan# 4841
Delta R.T. 0.006 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

Tgt Ion:252 Resp: 19942
Ion Ratio Lower Upper
252 100
253 29.4 21.8 32.8
125 18.6 12.8 19.2





#26

Benzo(a)pyrene

Concen: 0.431 ng/ul

RT: 23.874 min Scan# 5050

Delta R.T. 0.006 min

Lab File: BN028108.D

Acq: 07 Oct 2023 06:16

Instrument :

BNA_N

ClientSampleId :

SLCS033

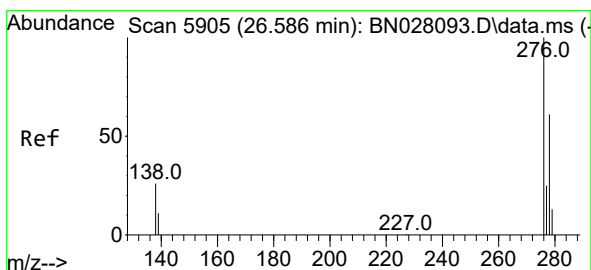
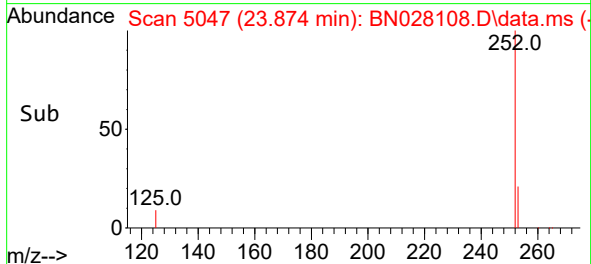
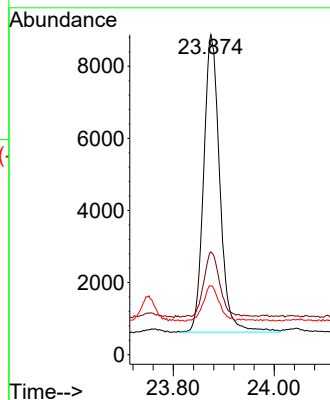
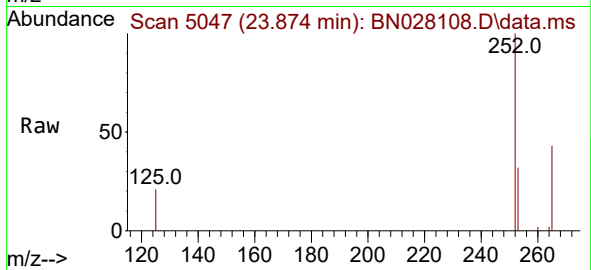
Tgt Ion:252 Resp: 18317

Ion Ratio Lower Upper

252 100

253 32.1 23.4 35.2

125 21.5 15.3 22.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.452 ng/ul

RT: 26.575 min Scan# 5902

Delta R.T. 0.010 min

Lab File: BN028108.D

Acq: 07 Oct 2023 06:16

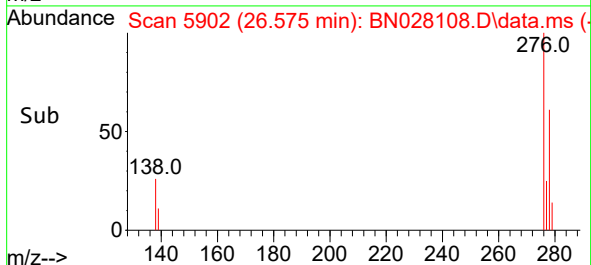
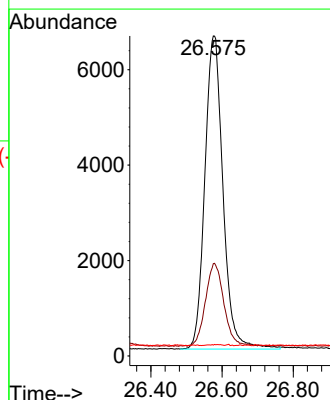
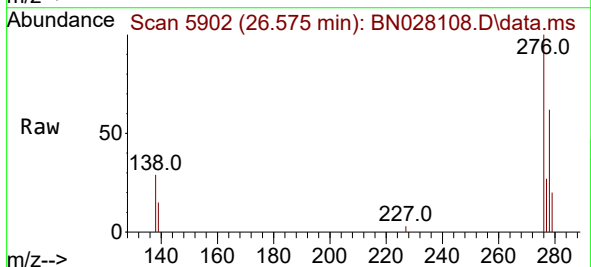
Tgt Ion:276 Resp: 23242

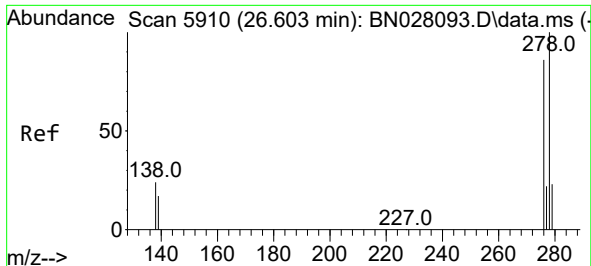
Ion Ratio Lower Upper

276 100

138 26.7 21.6 32.4

227 0.1 0.2 0.2#

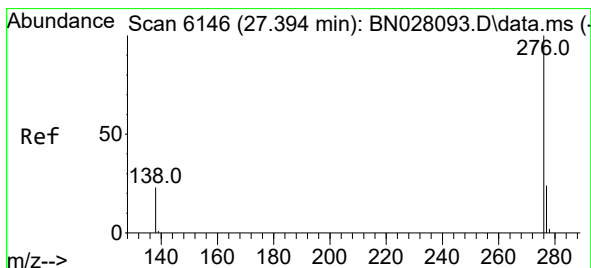
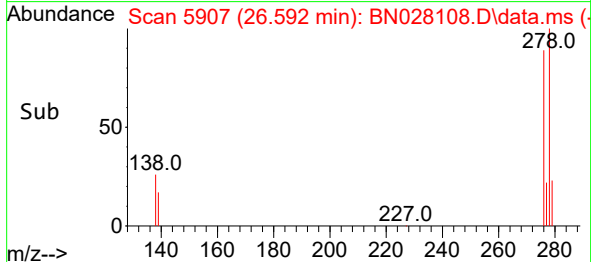
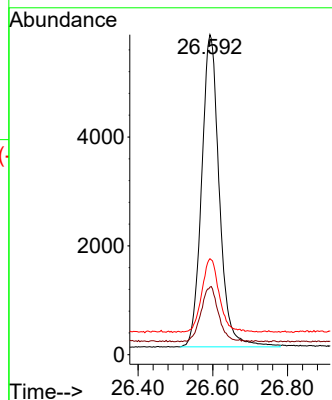
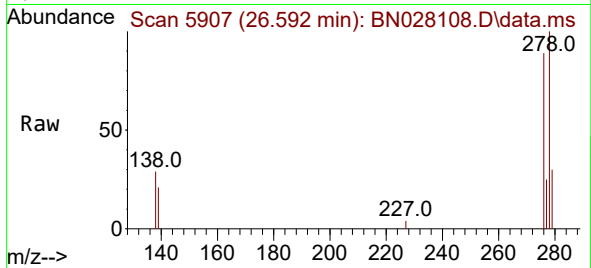




#28
Dibenzo(a,h)anthracene
Concen: 0.450 ng/ul
RT: 26.592 min Scan# 5907
Delta R.T. 0.010 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

Instrument :
BNA_N
ClientSampleId :
SLCS033

Tgt Ion:278 Resp: 18825
Ion Ratio Lower Upper
278 100
139 21.1 15.9 23.9
279 30.0 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 27.387 min Scan# 6144
Delta R.T. 0.010 min
Lab File: BN028108.D
Acq: 07 Oct 2023 06:16

Tgt Ion:276 Resp: 19053
Ion Ratio Lower Upper
276 100
138 26.0 19.8 29.6
277 26.5 20.6 31.0

