

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101623\
 Data File : BN028295.D
 Acq On : 16 Oct 2023 18:02
 Operator : MA/JU
 Sample : PB156405BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS405

Quant Time: Oct 17 02:10:35 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 : Mon Oct 16 16:16:04 2023
 Response via : Initial Calibration

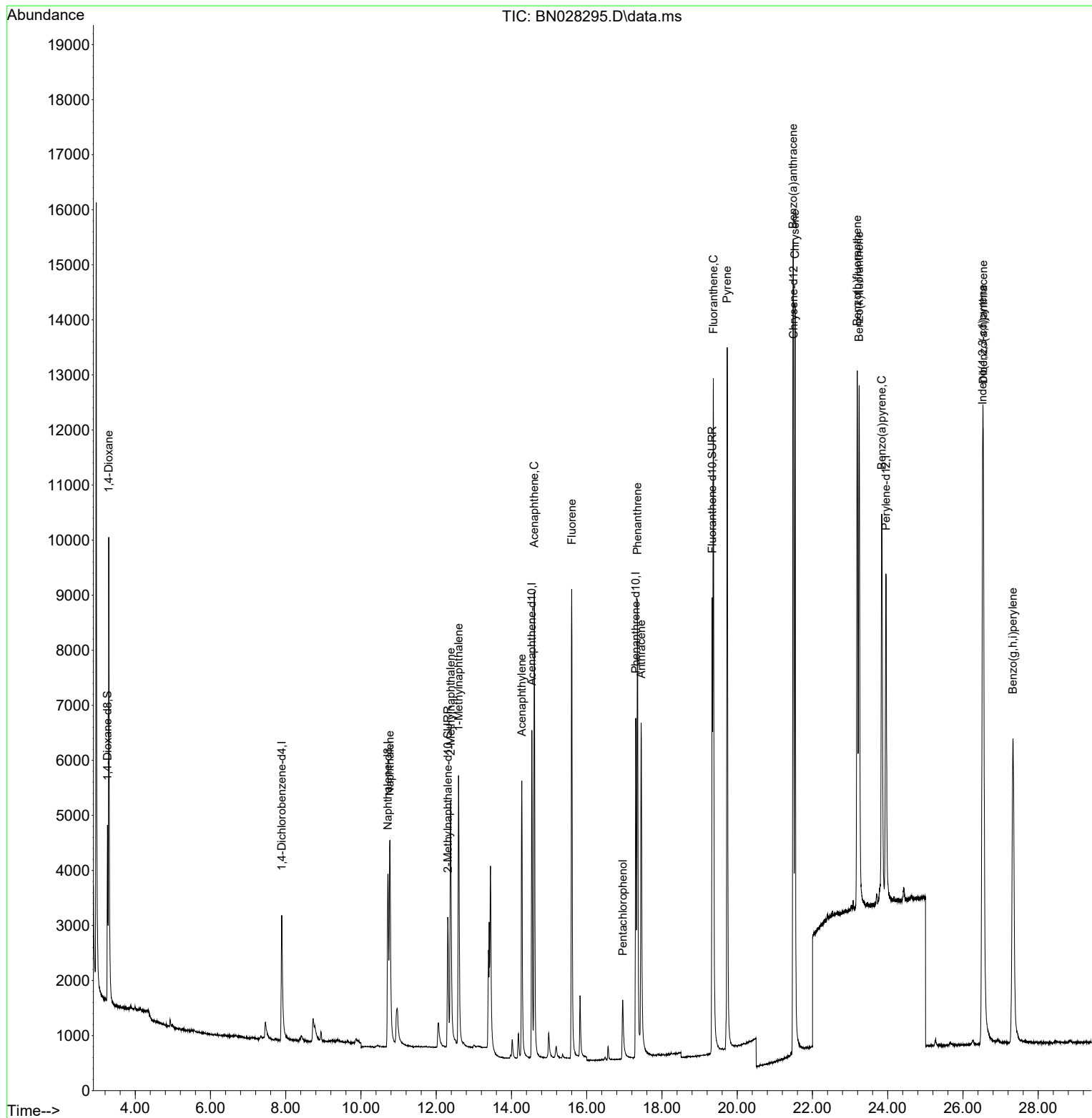
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	1942	0.400	ng/ul	0.00
4) Naphthalene-d8	10.713	136	6539	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.541	164	3914	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	8670	0.400	ng/ul	0.00
17) Chrysene-d12	21.498	240	8439	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	9372	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	2156	0.884	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	4463	0.424	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	11050	0.413	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.296	88	6270	2.428	ng/ul	87
5) Naphthalene	10.768	128	7301	0.393	ng/ul	97
7) 2-Methylnaphthalene	12.385	142	4609	0.393	ng/ul	99
8) 1-Methylnaphthalene	12.594	142	4541	0.375	ng/ul	99
10) Acenaphthylene	14.273	152	7211	0.406	ng/ul	99
11) Acenaphthene	14.606	153	5671	0.401	ng/ul	99
12) Fluorene	15.601	166	6524	0.415	ng/ul	99
14) Pentachlorophenol	16.957	266	1243	0.668	ng/ul	99
15) Phenanthrene	17.346	178	10749	0.416	ng/ul	99
16) Anthracene	17.447	178	9262	0.401	ng/ul	98
19) Fluoranthene	19.366	202	12615	0.391	ng/ul	100
20) Pyrene	19.733	202	13260	0.397	ng/ul	100
21) Benzo(a)anthracene	21.483	228	12721	0.413	ng/ul	99
22) Chrysene	21.536	228	13339	0.429	ng/ul	99
24) Benzo(b)fluoranthene	23.190	252	14159	0.407	ng/ul	98
25) Benzo(k)fluoranthene	23.240	252	14800	0.428	ng/ul	99
26) Benzo(a)pyrene	23.842	252	13301	0.449	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.522	276	17309	0.483	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.539	278	14139	0.485	ng/ul	99
29) Benzo(g,h,i)perylene	27.330	276	14476	0.494	ng/ul	99

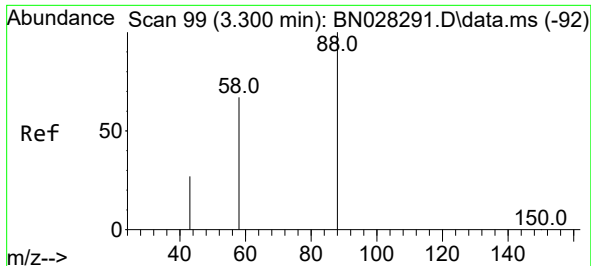
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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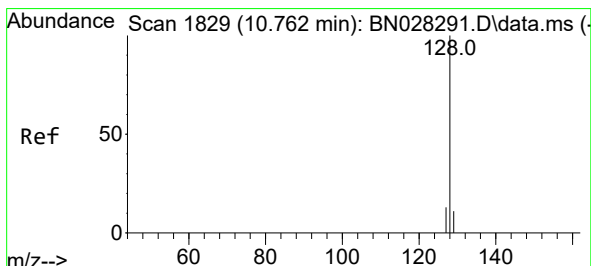
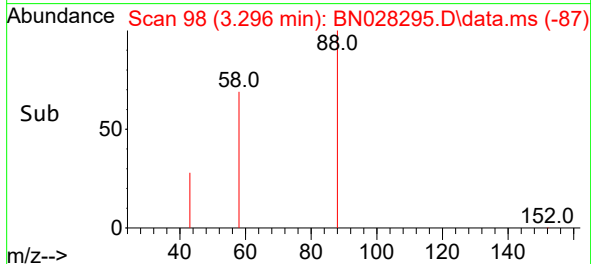
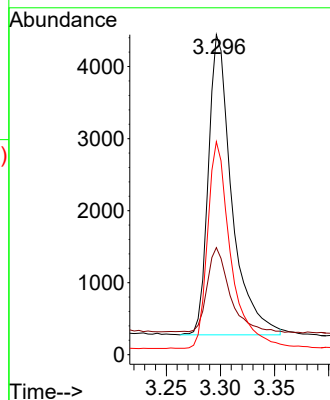
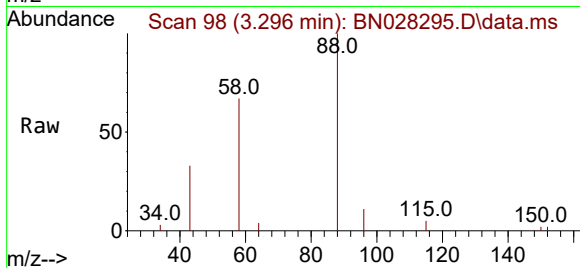




#2
1,4-Dioxane
Concen: 2.428 ng/ul
RT: 3.296 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

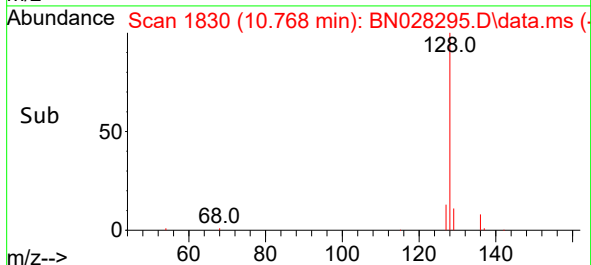
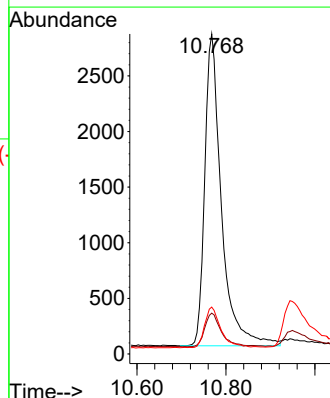
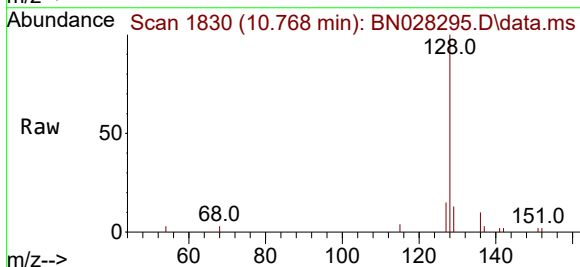
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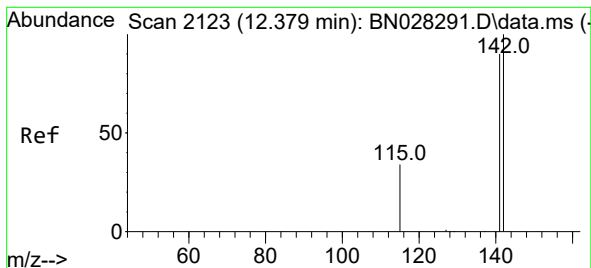
Tgt Ion: 88 Resp: 6270
Ion Ratio Lower Upper
88 100
43 33.4 33.4 50.2
58 66.6 45.7 68.5



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.768 min Scan# 1830
Delta R.T. 0.005 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

Tgt Ion: 128 Resp: 7301
Ion Ratio Lower Upper
128 100
129 12.8 9.4 14.0
127 14.7 11.0 16.4





#7

2-Methylnaphthalene

Concen: 0.393 ng/ul

RT: 12.385 min Scan# 2123

Delta R.T. 0.005 min

Lab File: BN028295.D

Acq: 16 Oct 2023 18:02

Instrument :

BNA_N

ClientSampleId :

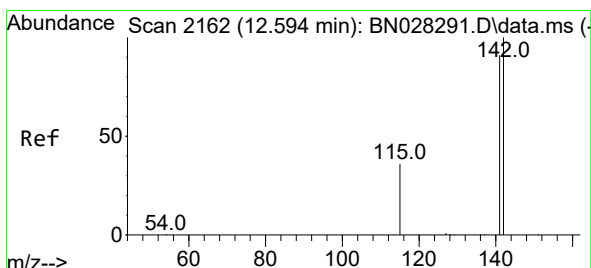
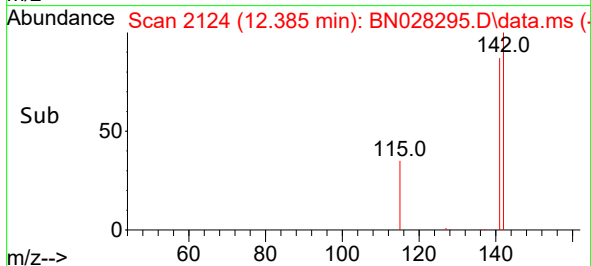
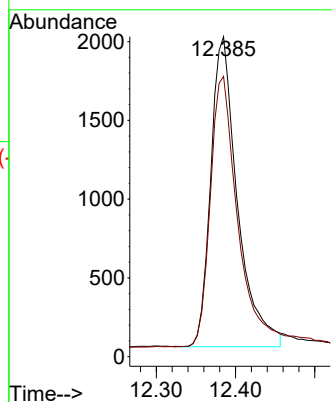
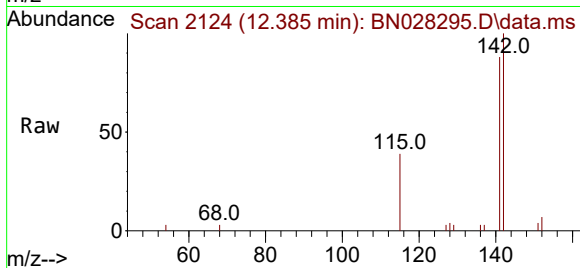
SLCS405

Tgt Ion:142 Resp: 4609

Ion Ratio Lower Upper

142 100

141 89.3 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.375 ng/ul

RT: 12.594 min Scan# 2162

Delta R.T. 0.000 min

Lab File: BN028295.D

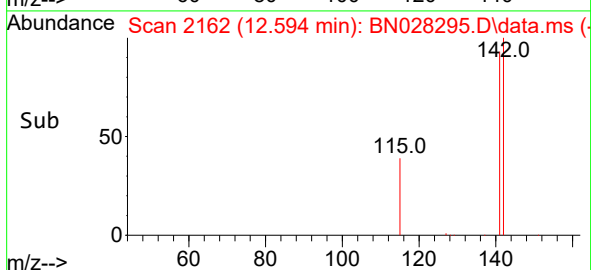
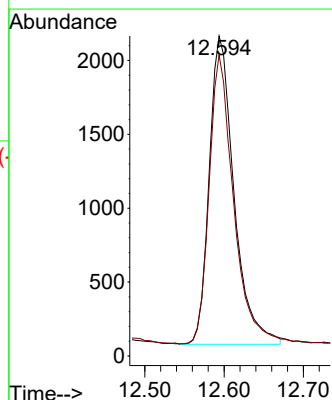
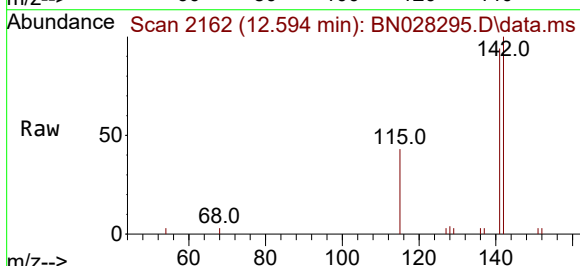
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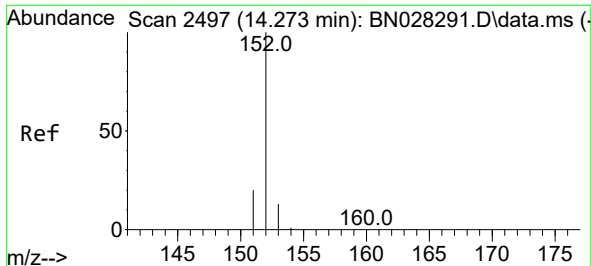
Tgt Ion:142 Resp: 4541

Ion Ratio Lower Upper

142 100

141 91.9 74.4 111.6

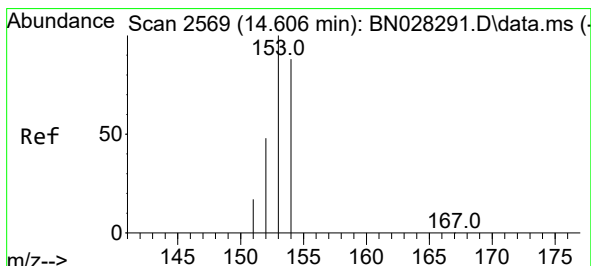
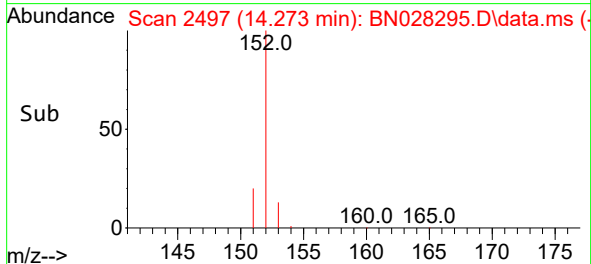
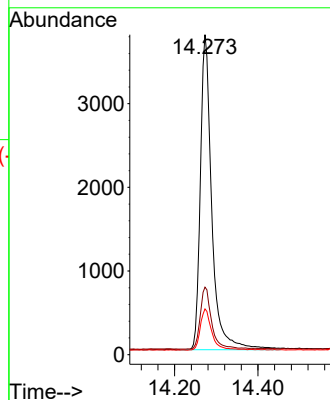
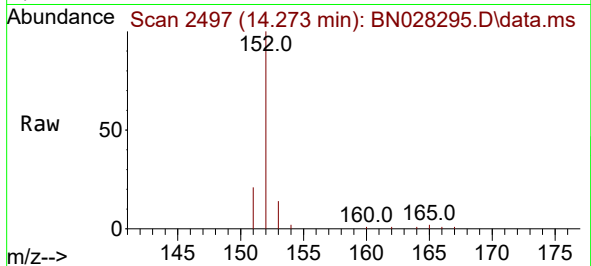




#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.273 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

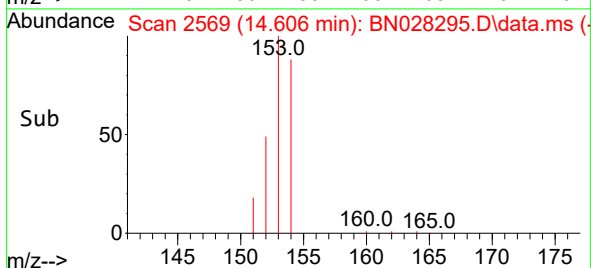
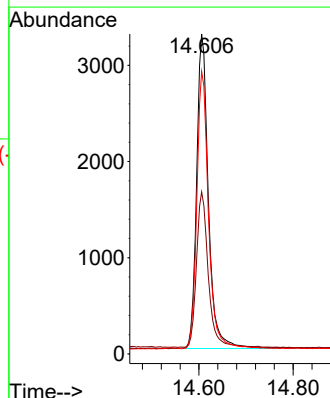
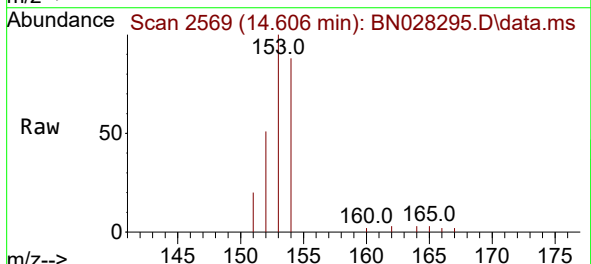
Instrument :
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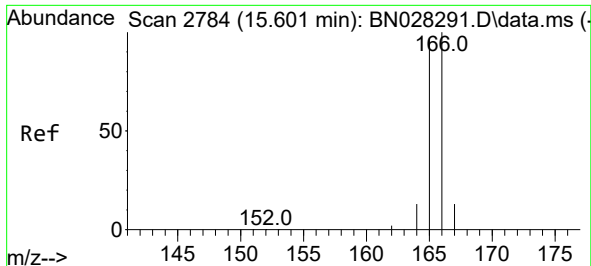
Tgt Ion:152 Resp: 7211
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 14.3 10.9 16.3



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.606 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

Tgt Ion:153 Resp: 5671
Ion Ratio Lower Upper
153 100
152 50.6 39.4 59.0
154 88.3 70.2 105.4

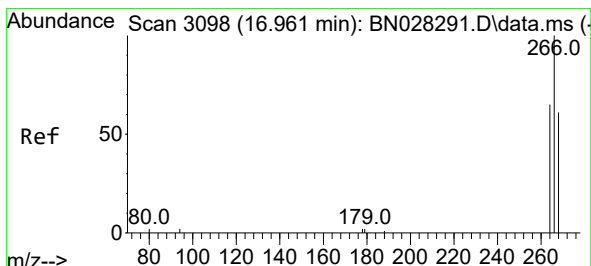
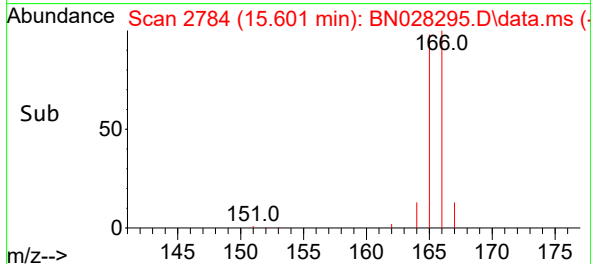
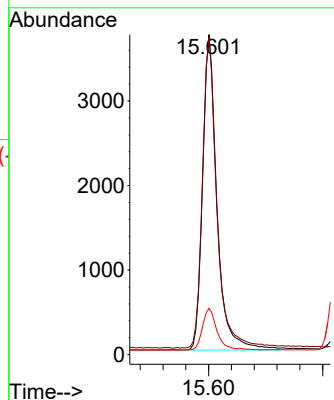
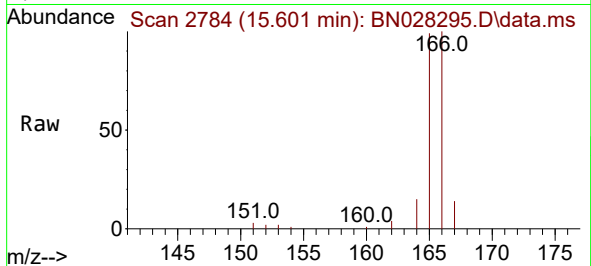




#12
Fluorene
Concen: 0.415 ng/ul
RT: 15.601 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

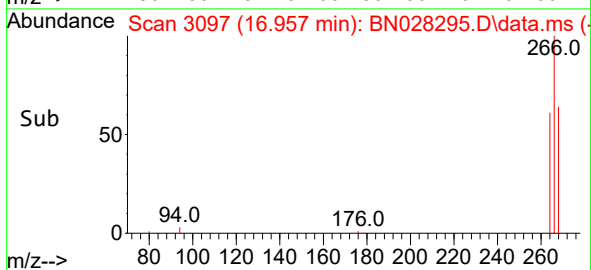
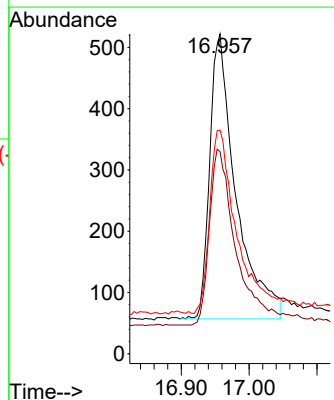
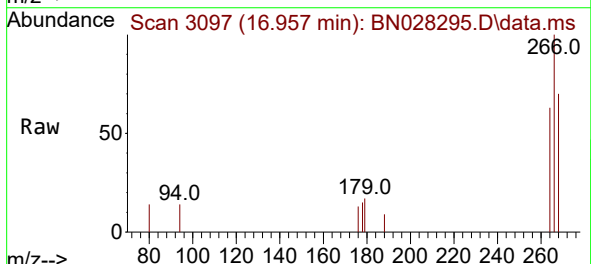
Instrument :
BNA_N
ClientSampleId :
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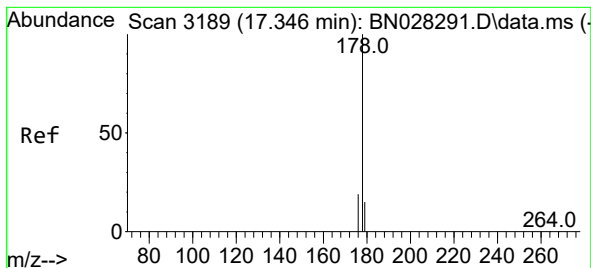
Tgt Ion:166 Resp: 6524
Ion Ratio Lower Upper
166 100
165 99.2 78.5 117.7
167 14.5 11.2 16.8



#14
Pentachlorophenol
Concen: 0.668 ng/ul
RT: 16.957 min Scan# 3097
Delta R.T. -0.004 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

Tgt Ion:266 Resp: 1243
Ion Ratio Lower Upper
266 100
264 62.4 49.6 74.4
268 66.0 52.2 78.4





#15

Phenanthrene

Concen: 0.416 ng/ul

RT: 17.346 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BN028295.D

Acq: 16 Oct 2023 18:02

Instrument :

BNA_N

ClientSampleId :

SLCS405

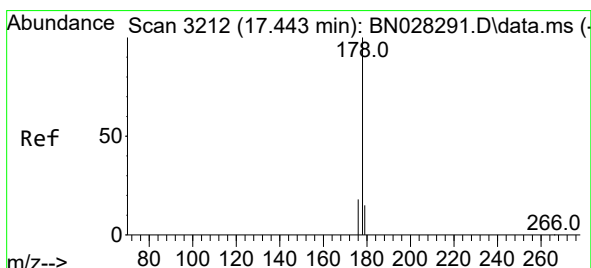
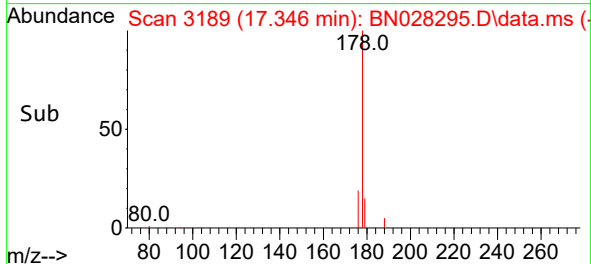
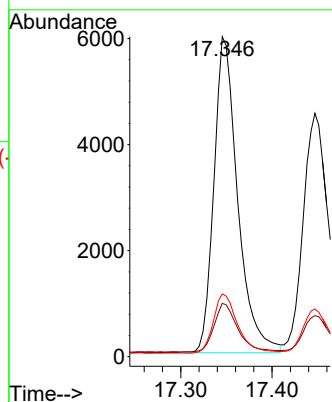
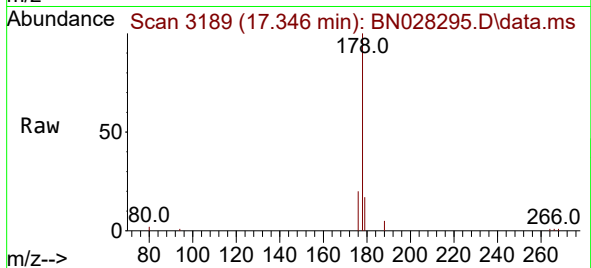
Tgt Ion:178 Resp: 10749

Ion Ratio Lower Upper

178 100

179 16.6 12.6 19.0

176 19.6 15.5 23.3



#16

Anthracene

Concen: 0.401 ng/ul

RT: 17.447 min Scan# 3213

Delta R.T. 0.004 min

Lab File: BN028295.D

Acq: 16 Oct 2023 18:02

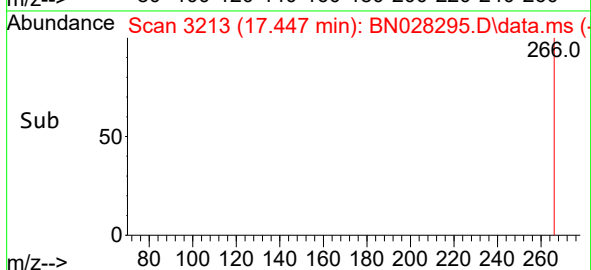
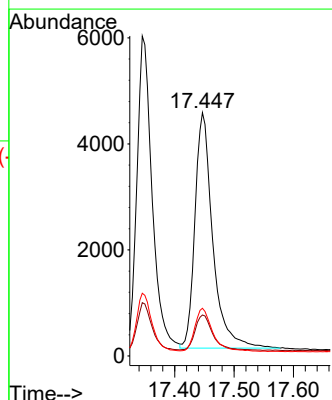
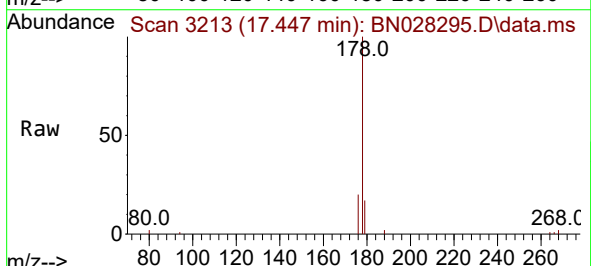
Tgt Ion:178 Resp: 9262

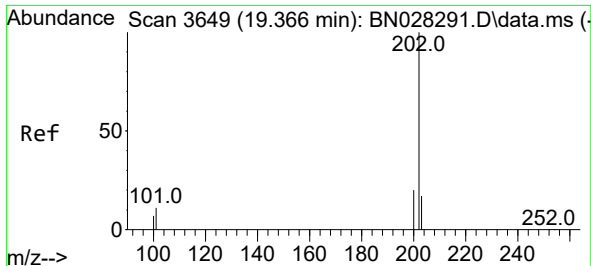
Ion Ratio Lower Upper

178 100

179 16.8 12.8 19.2

176 19.6 15.0 22.6

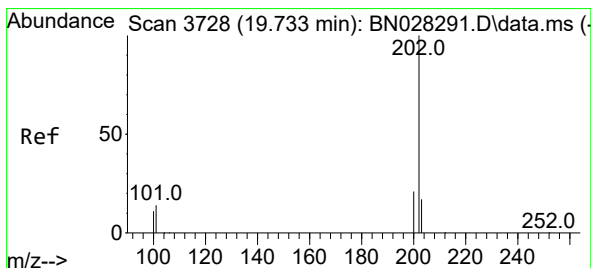
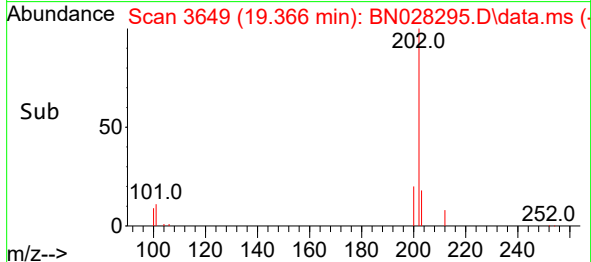
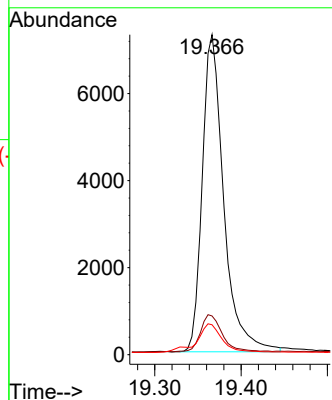
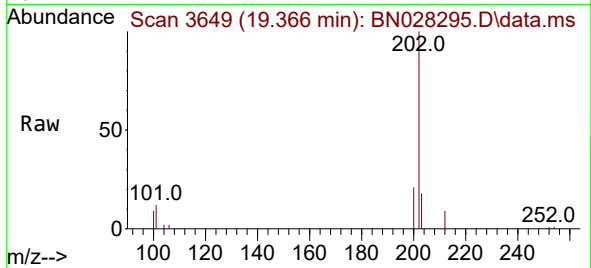




#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 19.366 min Scan# 3649
Delta R.T. 0.000 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

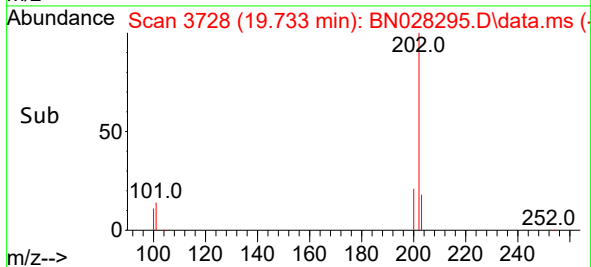
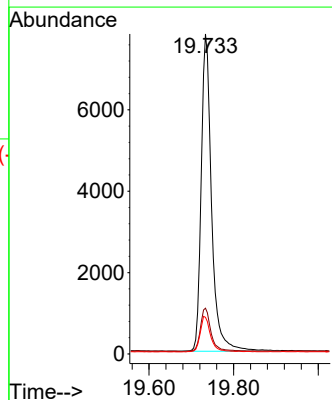
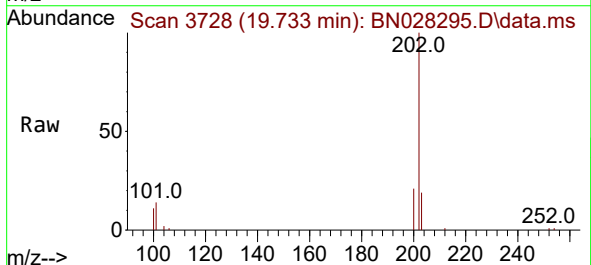
Instrument :
BNA_N
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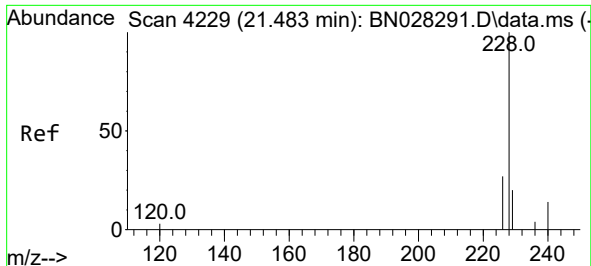
Tgt Ion:202 Resp: 12615
Ion Ratio Lower Upper
202 100
101 12.1 9.6 14.4
100 9.3 7.4 11.0



#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.733 min Scan# 3728
Delta R.T. -0.000 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

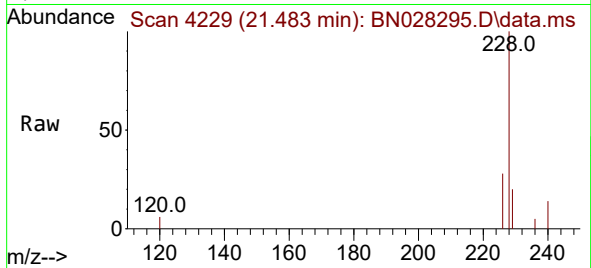
Tgt Ion:202 Resp: 13260
Ion Ratio Lower Upper
202 100
101 14.3 11.2 16.8
100 11.5 9.1 13.7



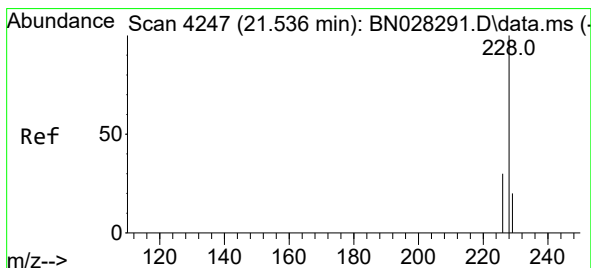
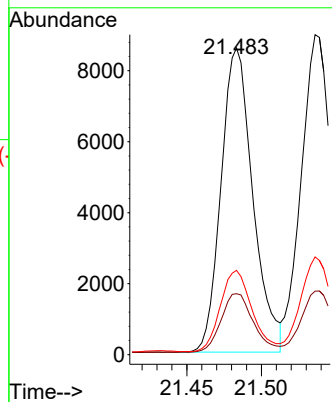
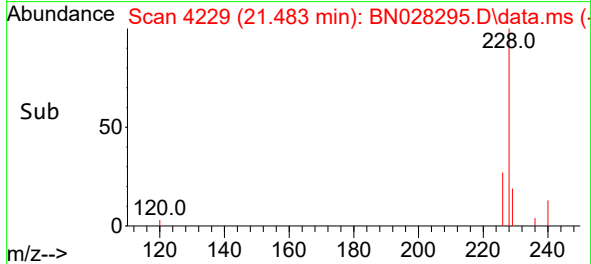


#21
Benzo(a)anthracene
Concen: 0.413 ng/ul
RT: 21.483 min Scan# 4229
Delta R.T. -0.000 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

Instrument :
BNA_N
ClientSampleId :
SLCS405

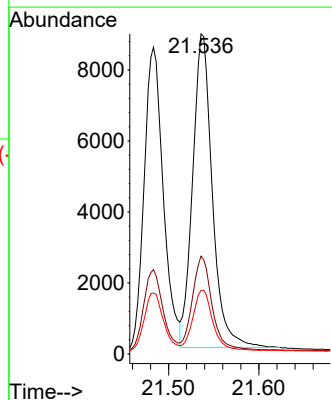
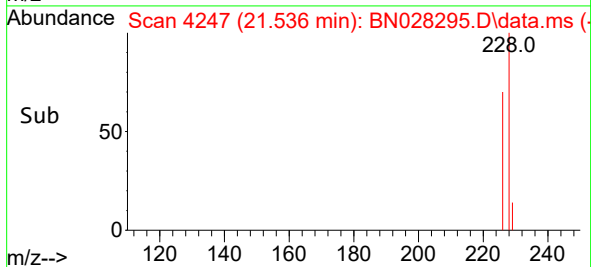
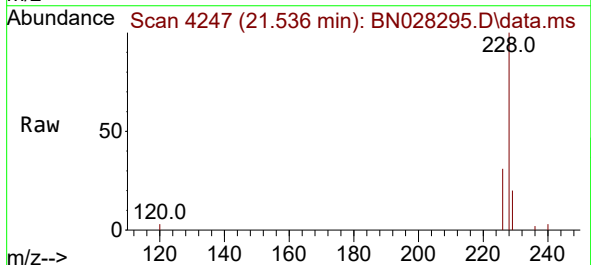


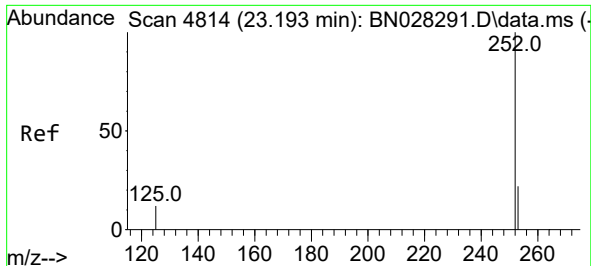
Tgt Ion:228 Resp: 12721
Ion Ratio Lower Upper
228 100
229 19.9 16.0 24.0
226 27.5 21.5 32.3



#22
Chrysene
Concen: 0.429 ng/ul
RT: 21.536 min Scan# 4247
Delta R.T. 0.000 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

Tgt Ion:228 Resp: 13339
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.8
229 19.8 16.0 24.0

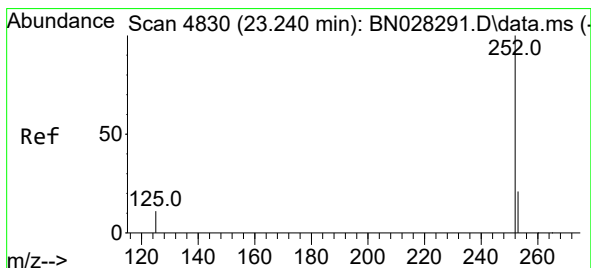
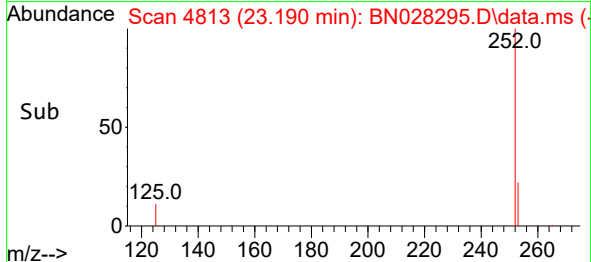
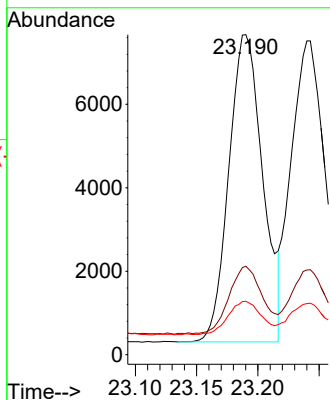
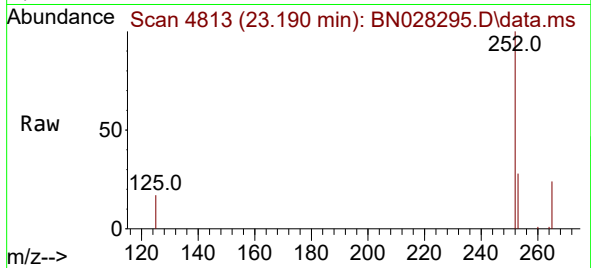




#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 23.190 min Scan# 4814
Delta R.T. -0.003 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

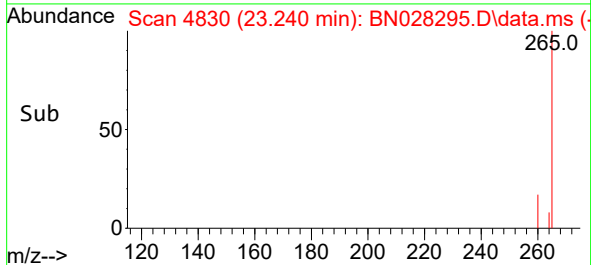
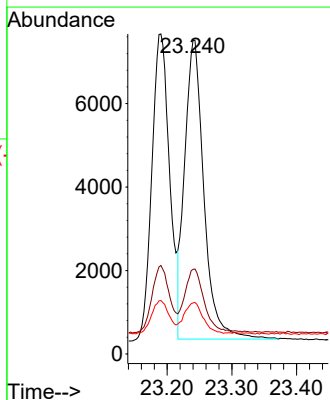
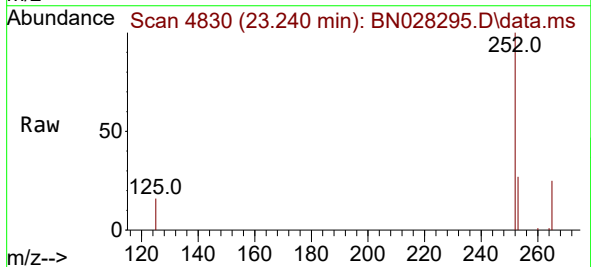
Instrument :
BNA_N
ClientSampleId :
SLCS405

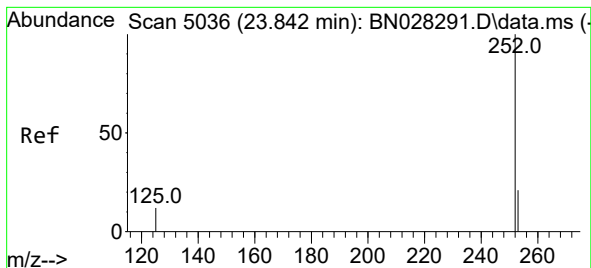
Tgt Ion:252 Resp: 14159
Ion Ratio Lower Upper
252 100
253 27.6 0.0 54.0
125 16.7 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul
RT: 23.240 min Scan# 4830
Delta R.T. 0.000 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

Tgt Ion:252 Resp: 14800
Ion Ratio Lower Upper
252 100
253 27.0 21.8 32.8
125 16.2 12.8 19.2





#26

Benzo(a)pyrene

Concen: 0.449 ng/ul

RT: 23.842 min Scan# 5036

Delta R.T. -0.000 min

Lab File: BN028295.D

Acq: 16 Oct 2023 18:02

Instrument :

BNA_N

ClientSampleId :

SLCS405

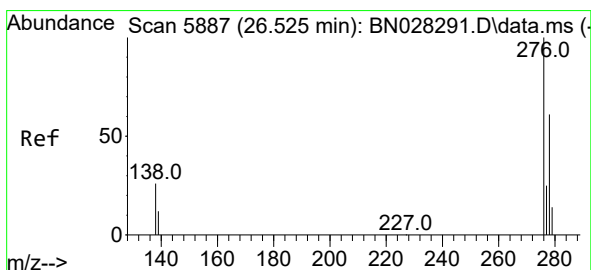
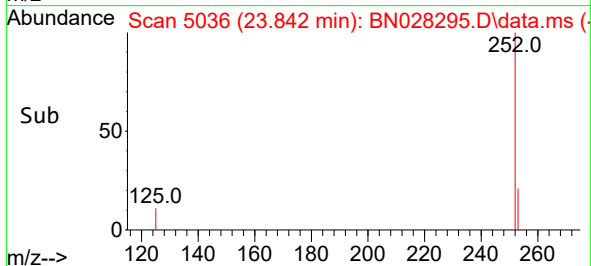
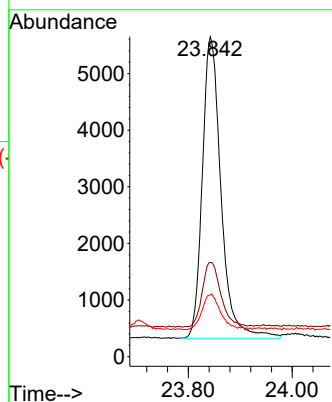
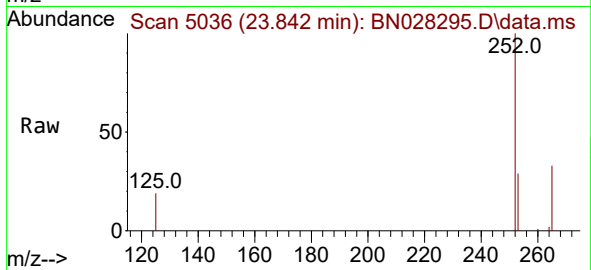
Tgt Ion:252 Resp: 13301

Ion Ratio Lower Upper

252 100

253 29.5 23.4 35.2

125 19.3 15.3 22.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.483 ng/ul

RT: 26.522 min Scan# 5886

Delta R.T. -0.003 min

Lab File: BN028295.D

Acq: 16 Oct 2023 18:02

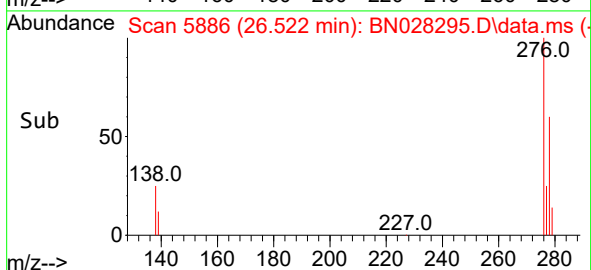
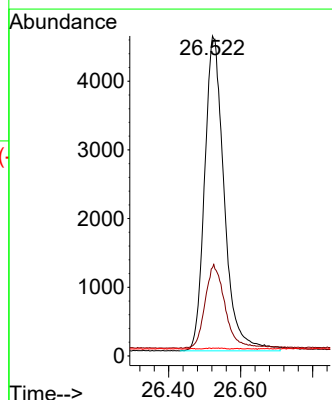
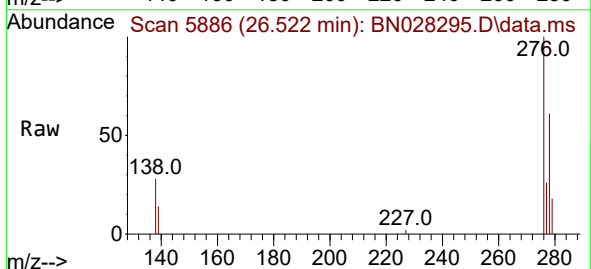
Tgt Ion:276 Resp: 17309

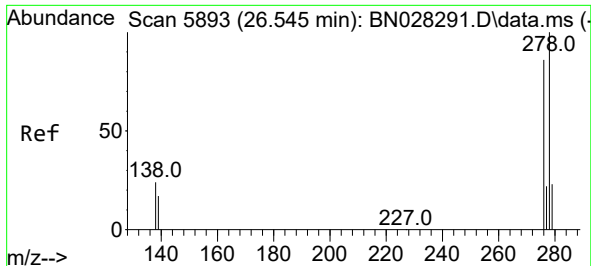
Ion Ratio Lower Upper

276 100

138 27.2 21.6 32.4

227 0.3 0.2 0.2#

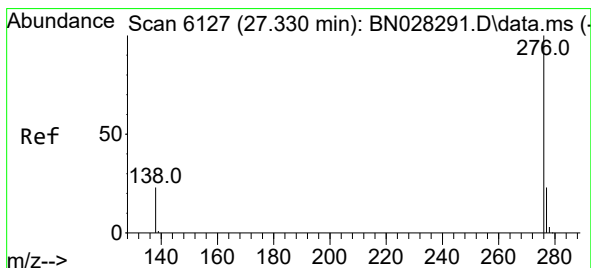
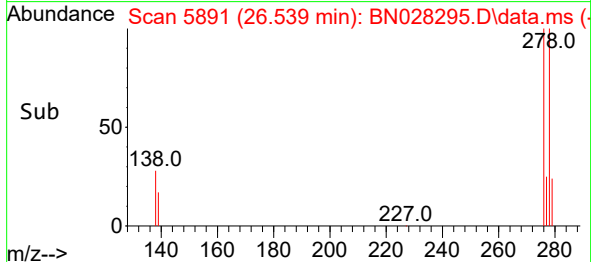
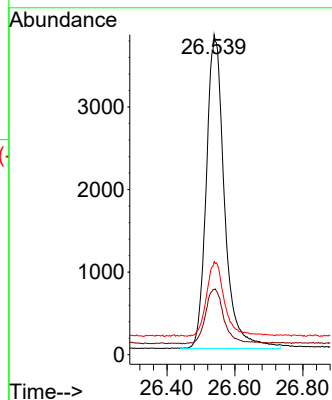
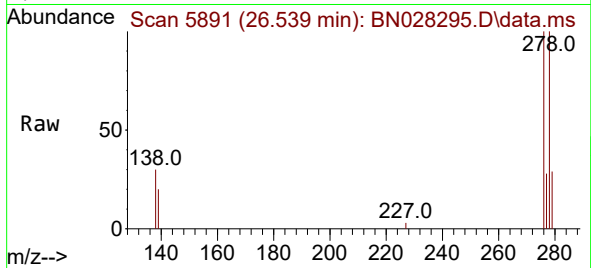




#28
Dibenzo(a,h)anthracene
Concen: 0.485 ng/ul
RT: 26.539 min Scan# 5891
Delta R.T. -0.007 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

Instrument :
BNA_N
ClientSampleId :
SLCS405

Tgt Ion:278 Resp: 14139
Ion Ratio Lower Upper
278 100
139 20.4 15.9 23.9
279 29.1 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.494 ng/ul
RT: 27.330 min Scan# 6127
Delta R.T. -0.000 min
Lab File: BN028295.D
Acq: 16 Oct 2023 18:02

Tgt Ion:276 Resp: 14476
Ion Ratio Lower Upper
276 100
138 25.5 19.8 29.6
277 25.8 20.6 31.0

