

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101623\
 Data File : BN028291.D
 Acq On : 16 Oct 2023 14:50
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4296

Quant Time: Oct 17 02:09:55 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)

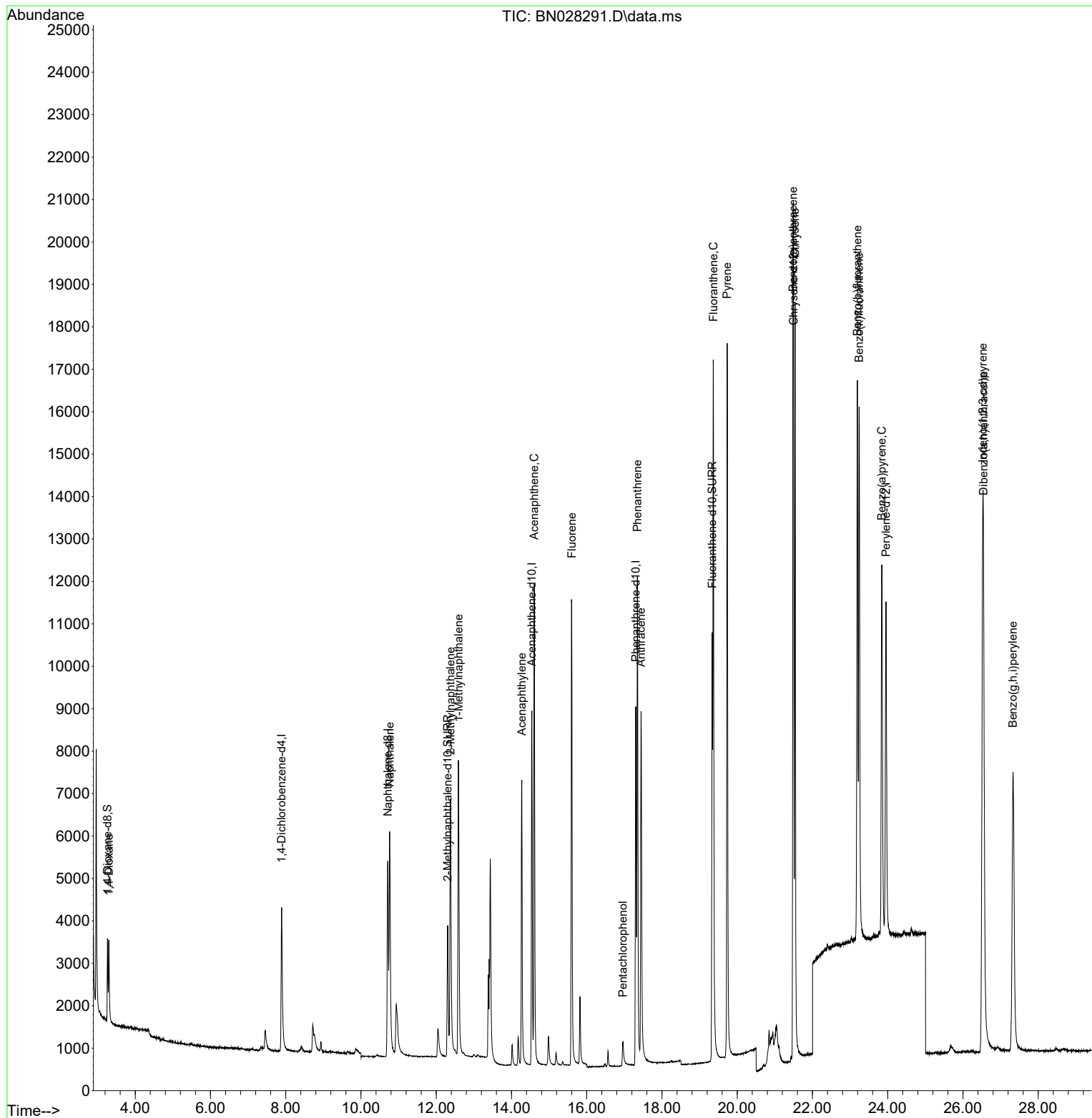
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	2633	0.400	ng/ul	0.00
4) Naphthalene-d8	10.713	136	8898	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.541	164	5445	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	12127	0.400	ng/ul	0.00
17) Chrysene-d12	21.498	240	11800	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	12846	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	1332	0.403	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.302	152	5454	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	13553	0.362	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.300	88	1402	0.400	ng/ul	95
5) Naphthalene	10.762	128	9650	0.382	ng/ul	99
7) 2-Methylnaphthalene	12.379	142	6045	0.379	ng/ul	98
8) 1-Methylnaphthalene	12.594	142	6300	0.382	ng/ul	100
10) Acenaphthylene	14.273	152	9130	0.370	ng/ul	99
11) Acenaphthene	14.606	153	7521	0.383	ng/ul	99
12) Fluorene	15.601	166	8637	0.395	ng/ul	99
14) Pentachlorophenol	16.961	266	687	0.264	ng/ul	99
15) Phenanthrene	17.346	178	14218	0.393	ng/ul	99
16) Anthracene	17.443	178	12344	0.382	ng/ul	99
19) Fluoranthene	19.366	202	16765	0.372	ng/ul	100
20) Pyrene	19.733	202	17363	0.372	ng/ul	99
21) Benzo(a)anthracene	21.483	228	16895	0.392	ng/ul	99
22) Chrysene	21.536	228	17141	0.394	ng/ul	99
24) Benzo(b)fluoranthene	23.193	252	18035	0.379	ng/ul	98
25) Benzo(k)fluoranthene	23.240	252	18891	0.399	ng/ul	98
26) Benzo(a)pyrene	23.842	252	15762	0.388	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.525	276	20809	0.423	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.545	278	16871	0.422	ng/ul	100
29) Benzo(g,h,i)perylene	27.330	276	17166	0.427	ng/ul	99

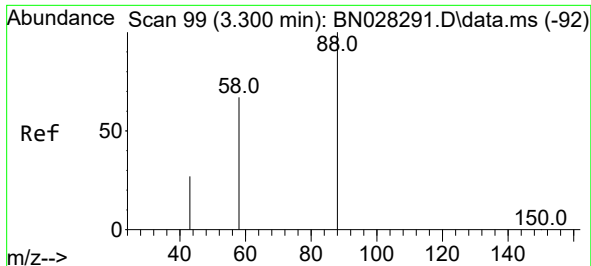
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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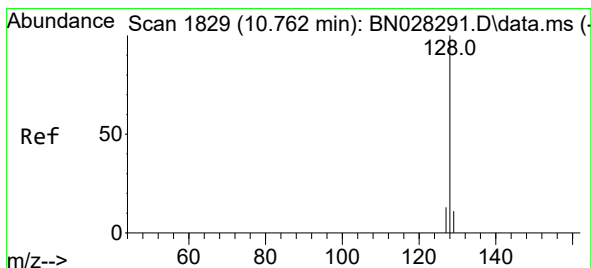
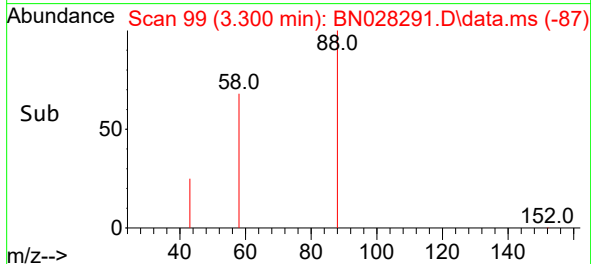
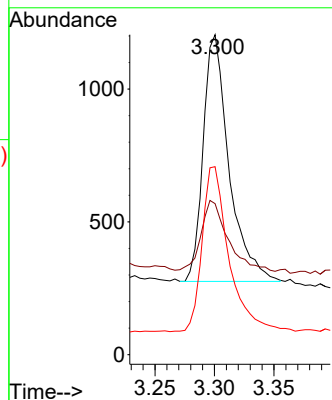
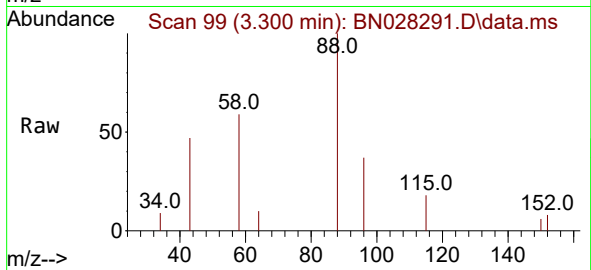




#2
1,4-Dioxane
Concen: 0.400 ng/ul
RT: 3.300 min Scan# 99
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

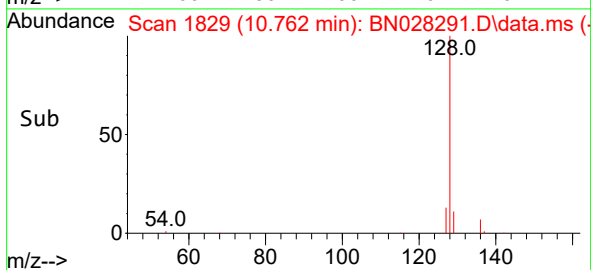
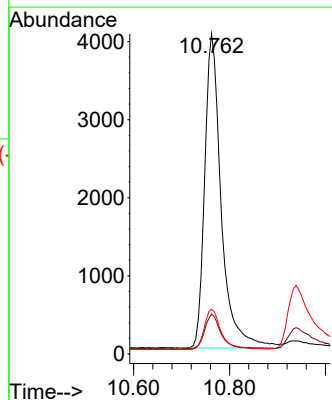
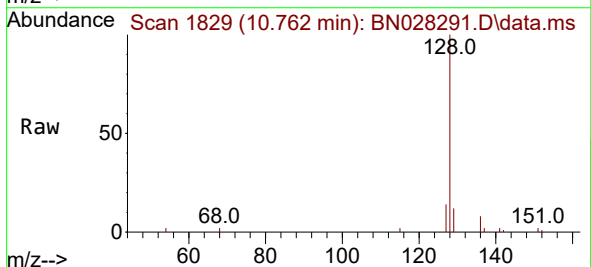
Instrument :
BNA_N
ClientSampleId :
SSTD0.4296

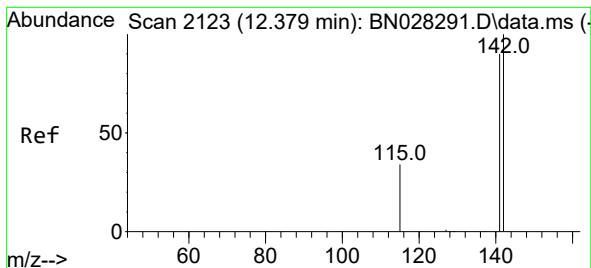
Tgt Ion: 88 Resp: 1402
Ion Ratio Lower Upper
88 100
43 47.2 33.4 50.2
58 58.8 45.7 68.5



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.762 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

Tgt Ion: 128 Resp: 9650
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 14.0 11.0 16.4

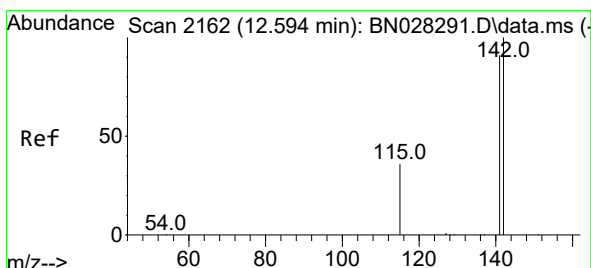
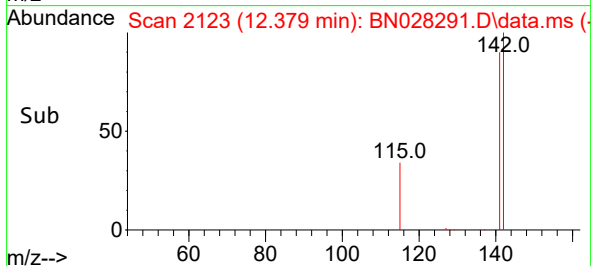
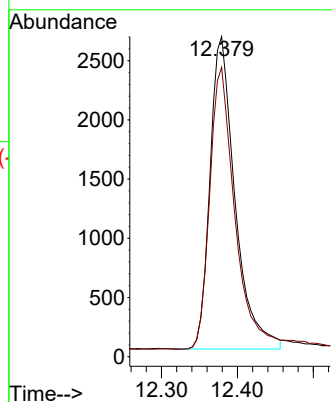
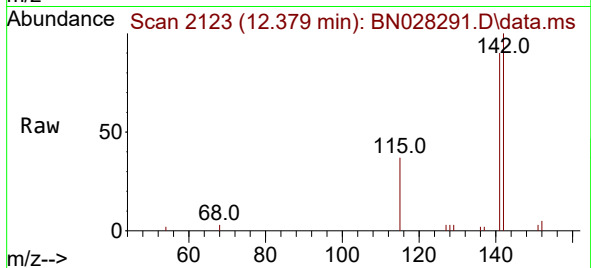




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.379 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

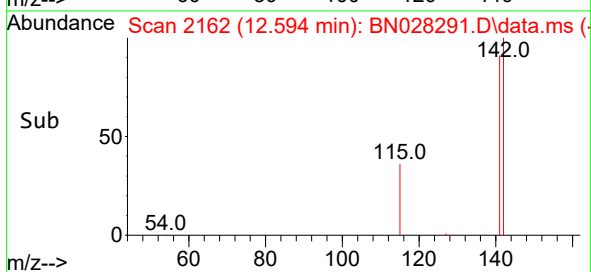
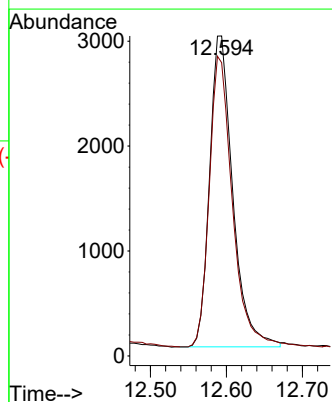
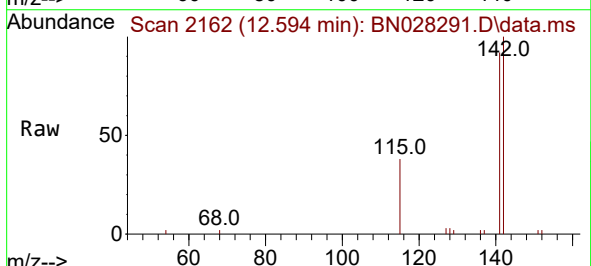
Instrument :
BNA_N
ClientSampleId :
SSTD0.4296

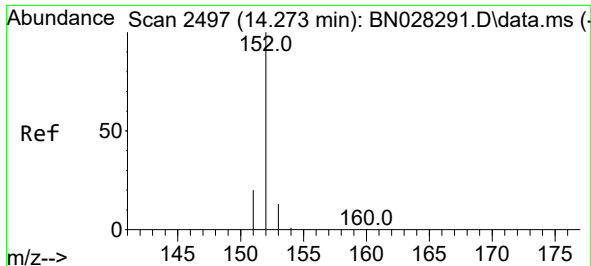
Tgt Ion:142 Resp: 6045
Ion Ratio Lower Upper
142 100
141 90.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.594 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

Tgt Ion:142 Resp: 6300
Ion Ratio Lower Upper
142 100
141 92.9 74.4 111.6

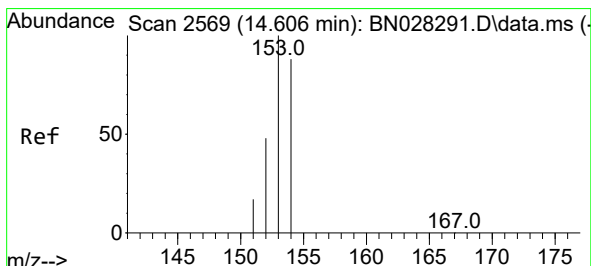
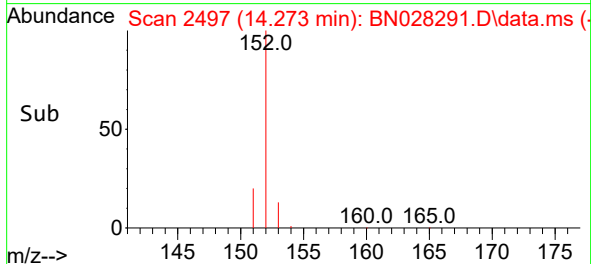
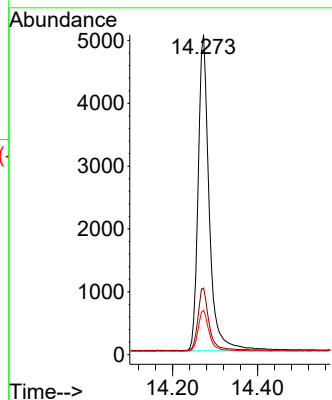
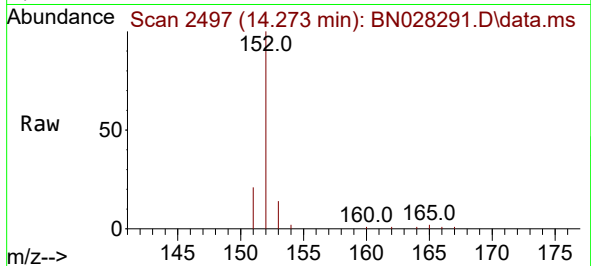




#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.273 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

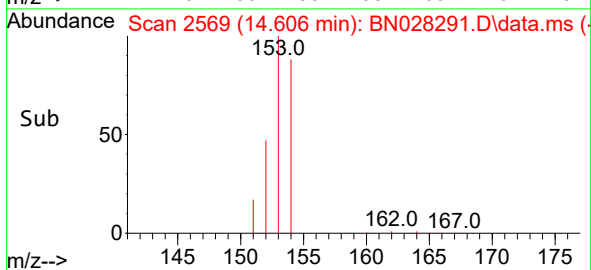
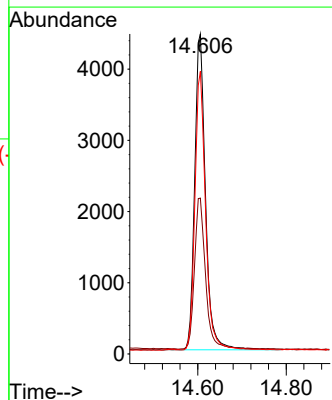
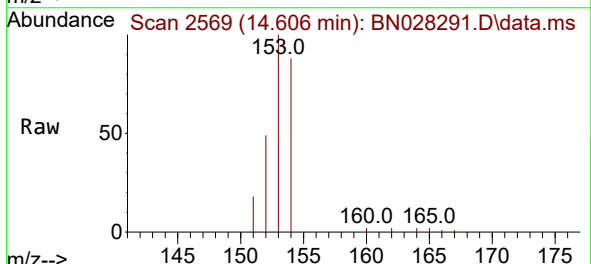
Instrument :
BNA_N
ClientSampleId :
SSTD0.4296

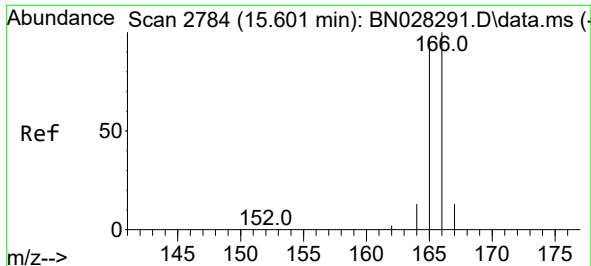
Tgt Ion:152 Resp: 9130
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.606 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

Tgt Ion:153 Resp: 7521
Ion Ratio Lower Upper
153 100
152 48.7 39.4 59.0
154 88.3 70.2 105.4

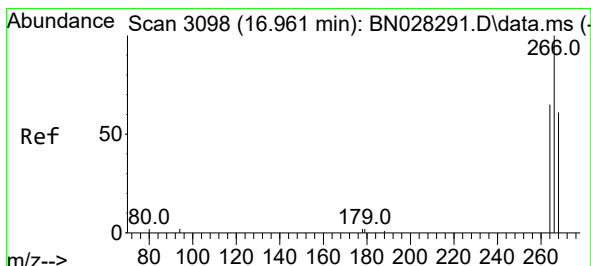
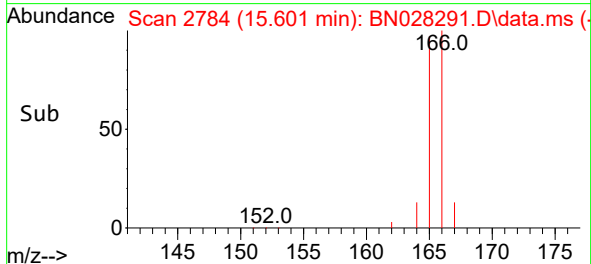
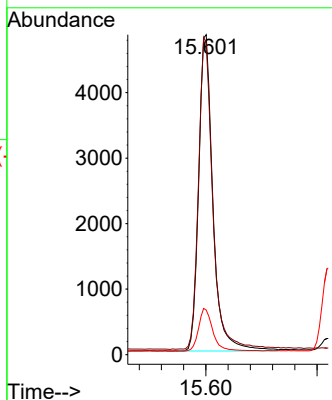
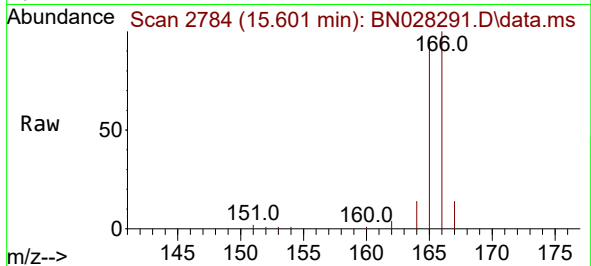




#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.601 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

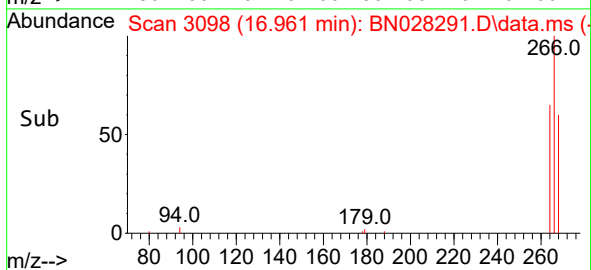
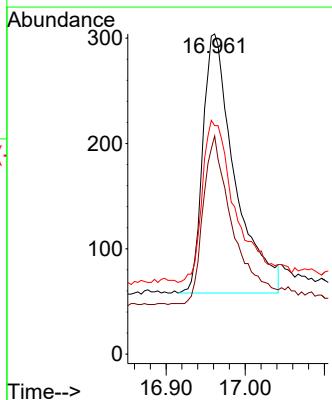
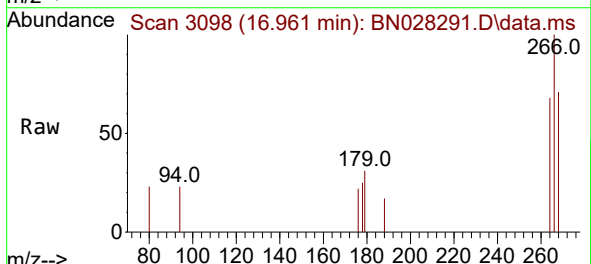
Instrument :
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ClientSampleId :
SSTD0.4296

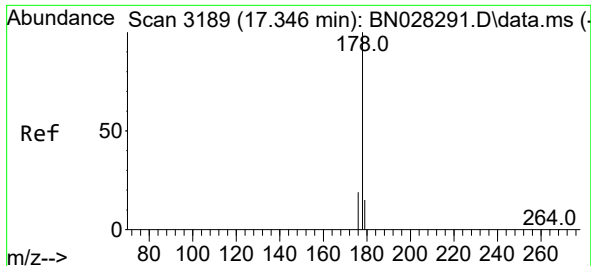
Tgt Ion:166 Resp: 8637
Ion Ratio Lower Upper
166 100
165 97.5 78.5 117.7
167 14.0 11.2 16.8



#14
Pentachlorophenol
Concen: 0.264 ng/ul
RT: 16.961 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

Tgt Ion:266 Resp: 687
Ion Ratio Lower Upper
266 100
264 61.1 49.6 74.4
268 65.6 52.2 78.4

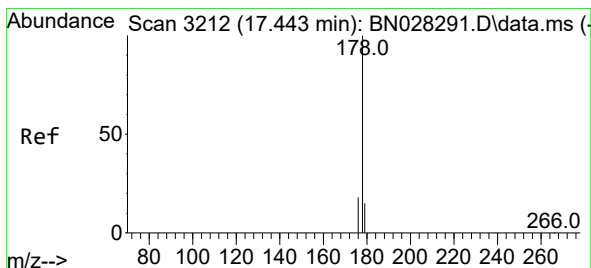
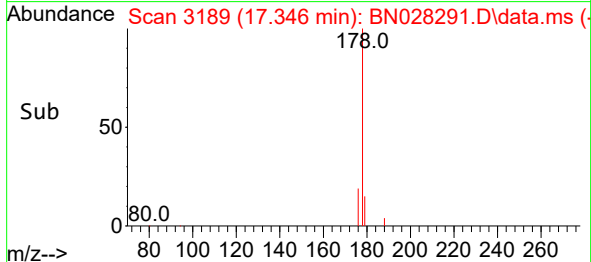
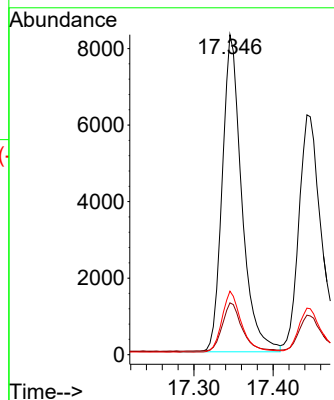
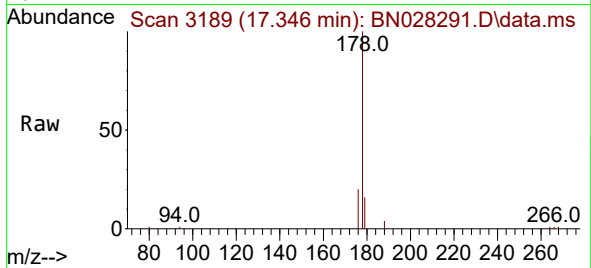




#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.346 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

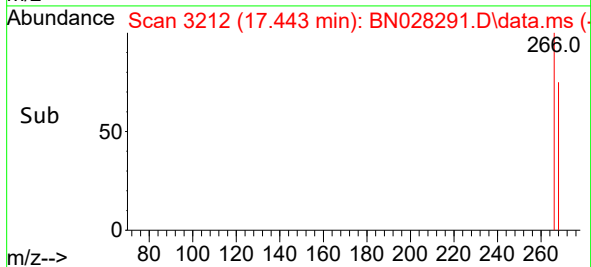
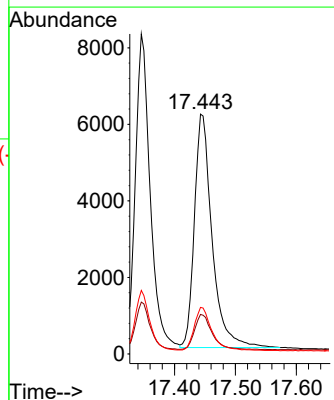
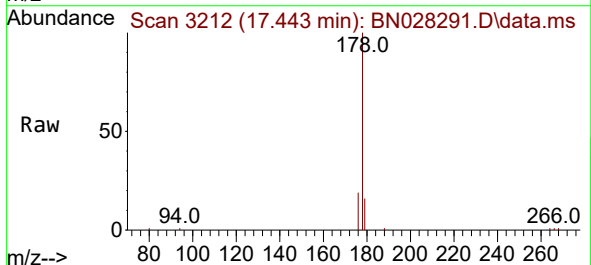
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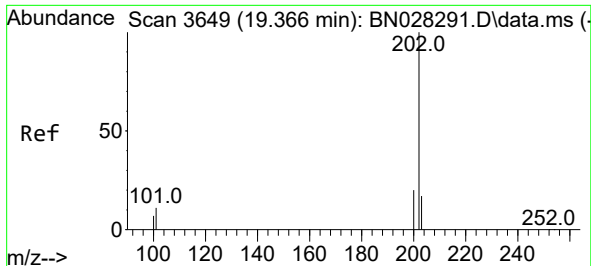
Tgt Ion:178 Resp: 14218
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.8 15.5 23.3



#16
Anthracene
Concen: 0.382 ng/ul
RT: 17.443 min Scan# 3212
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

Tgt Ion:178 Resp: 12344
Ion Ratio Lower Upper
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179 16.5 12.8 19.2
176 19.4 15.0 22.6

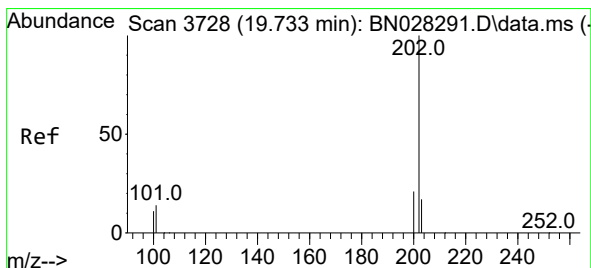
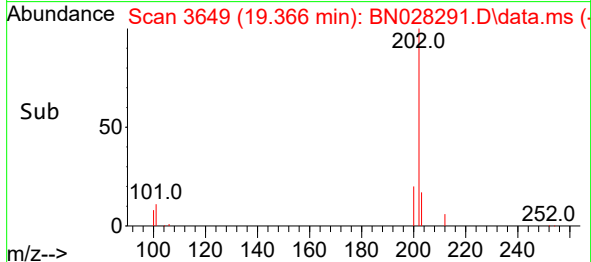
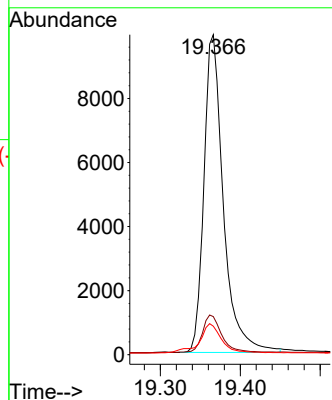
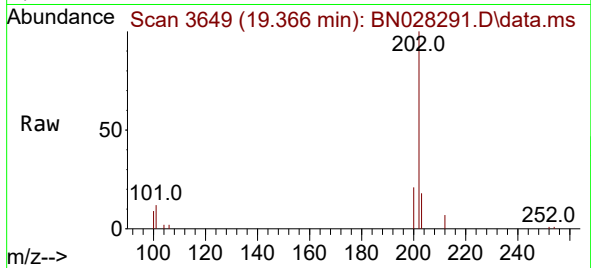




#19
Fluoranthene
Concen: 0.372 ng/ul
RT: 19.366 min Scan# 3649
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

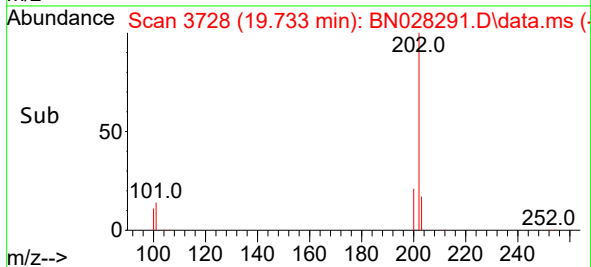
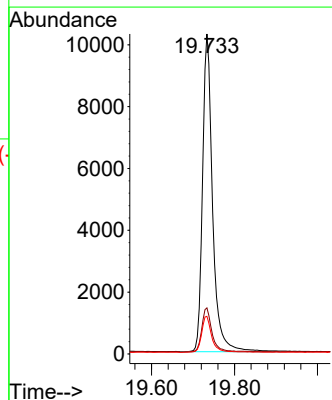
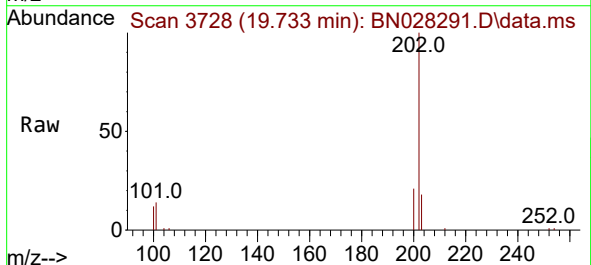
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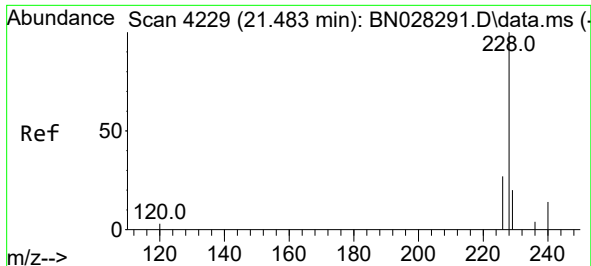
Tgt Ion:202 Resp: 16765
Ion Ratio Lower Upper
202 100
101 11.9 9.6 14.4
100 8.9 7.4 11.0



#20
Pyrene
Concen: 0.372 ng/ul
RT: 19.733 min Scan# 3728
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

Tgt Ion:202 Resp: 17363
Ion Ratio Lower Upper
202 100
101 14.4 11.2 16.8
100 11.8 9.1 13.7

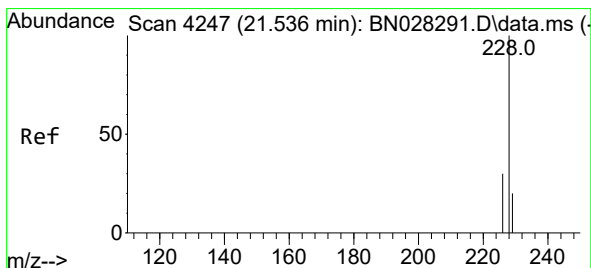
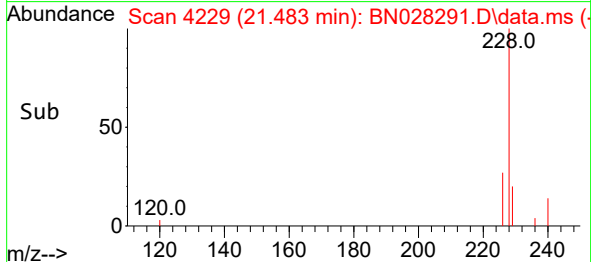
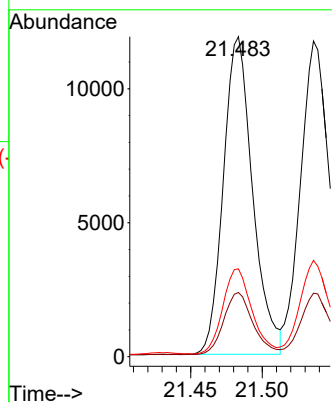
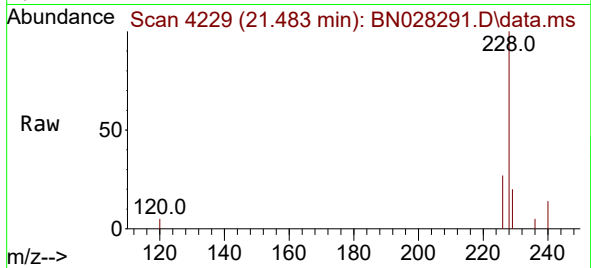




#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.483 min Scan# 4229
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

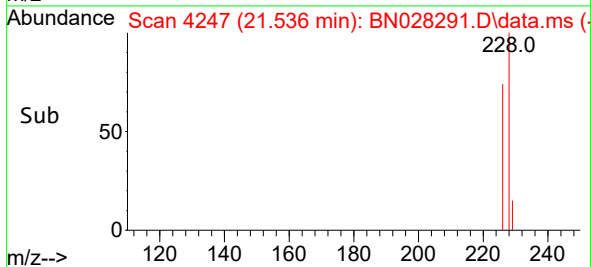
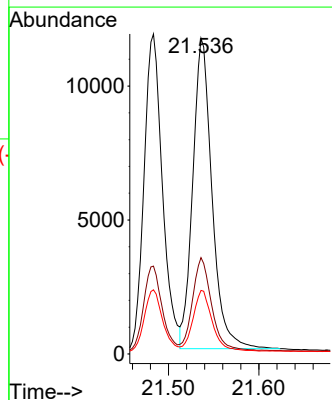
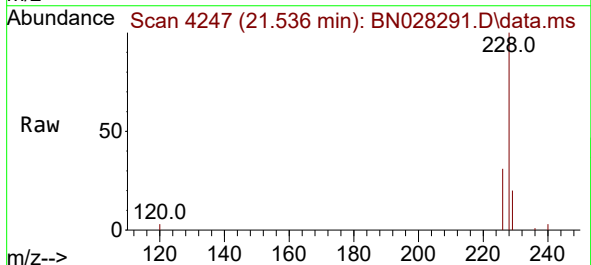
Instrument :
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ClientSampleId :
SSTD0.4296

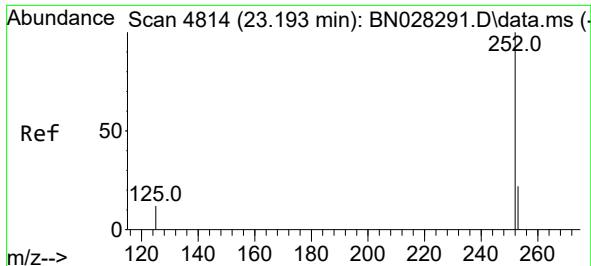
Tgt Ion:228 Resp: 16895
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.5 21.5 32.3



#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.536 min Scan# 4247
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

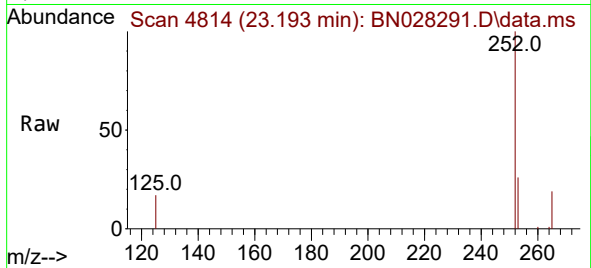
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Ion Ratio Lower Upper
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226 30.5 23.8 35.8
229 20.1 16.0 24.0



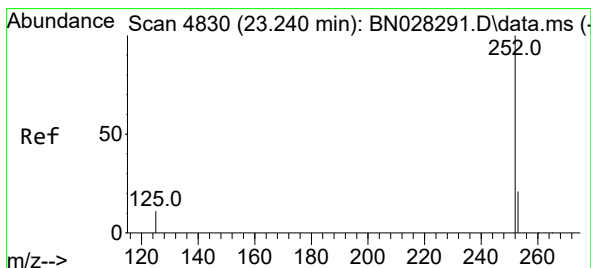
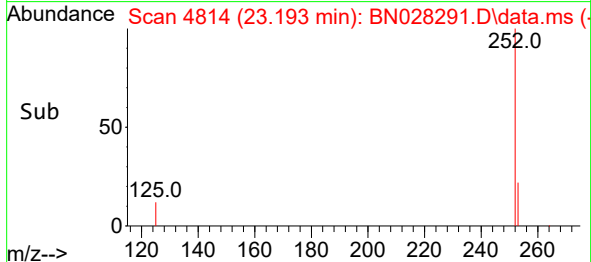
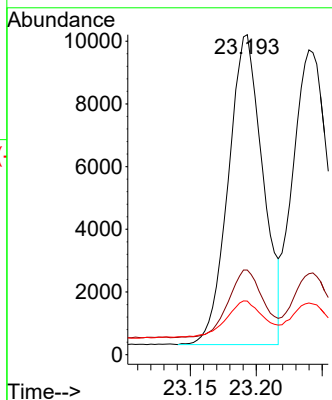


#24
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 23.193 min Scan# 4814
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4296

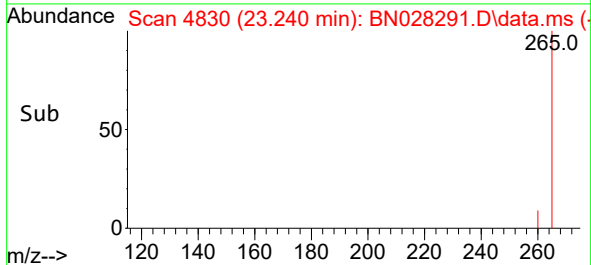
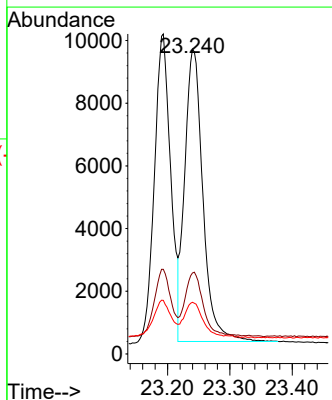
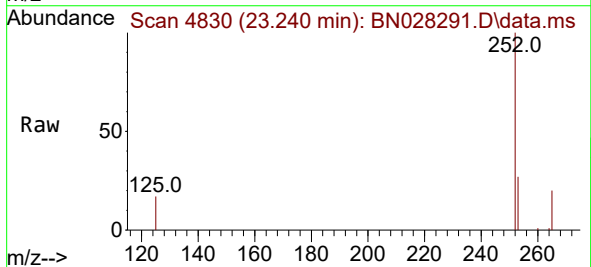


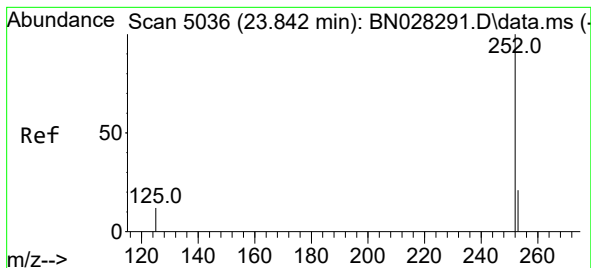
Tgt Ion:252 Resp: 18035
Ion Ratio Lower Upper
252 100
253 26.4 0.0 54.0
125 16.8 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.399 ng/ul
RT: 23.240 min Scan# 4830
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

Tgt Ion:252 Resp: 18891
Ion Ratio Lower Upper
252 100
253 26.6 21.8 32.8
125 17.0 12.8 19.2





#26

Benzo(a)pyrene

Concen: 0.388 ng/ul

RT: 23.842 min Scan# 5036

Delta R.T. 0.000 min

Lab File: BN028291.D

Acq: 16 Oct 2023 14:50

Instrument :

BNA_N

ClientSampleId :

SSTD0.4296

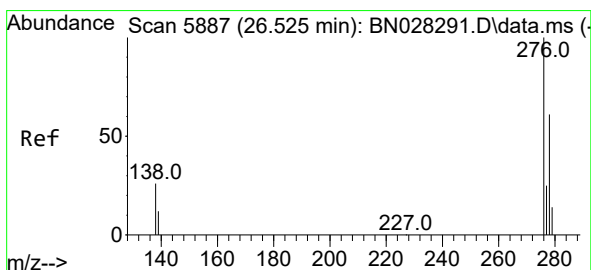
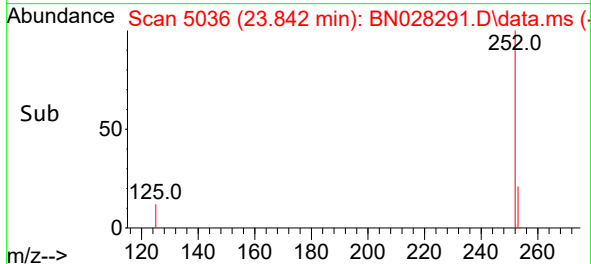
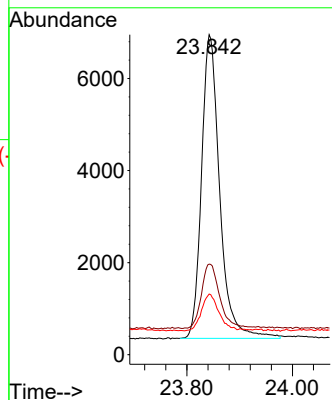
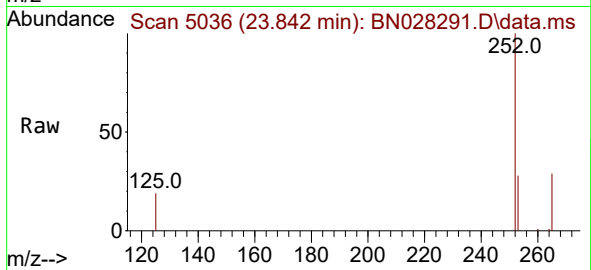
Tgt Ion:252 Resp: 15762

Ion Ratio Lower Upper

252 100

253 28.3 23.4 35.2

125 19.0 15.3 22.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.423 ng/ul

RT: 26.525 min Scan# 5887

Delta R.T. 0.000 min

Lab File: BN028291.D

Acq: 16 Oct 2023 14:50

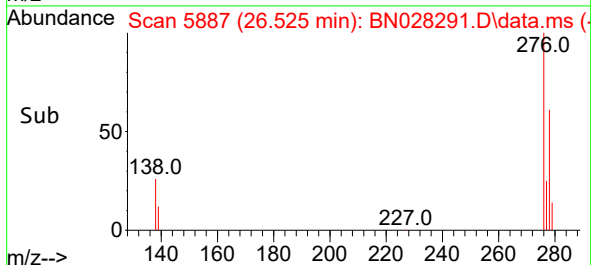
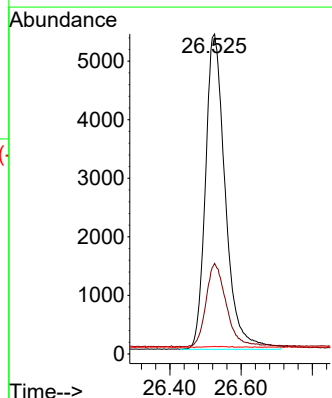
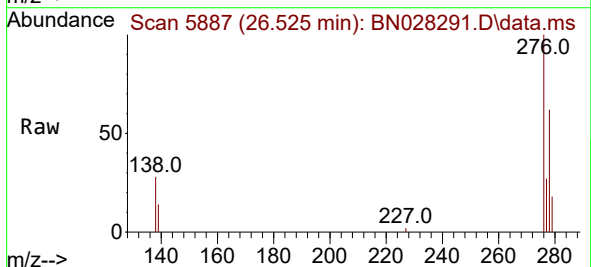
Tgt Ion:276 Resp: 20809

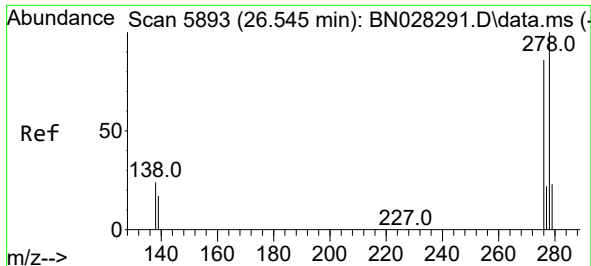
Ion Ratio Lower Upper

276 100

138 27.2 21.6 32.4

227 0.1 0.2 0.2#

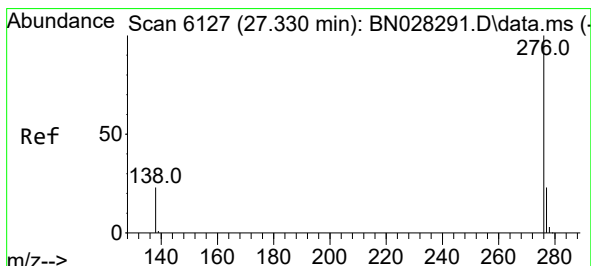
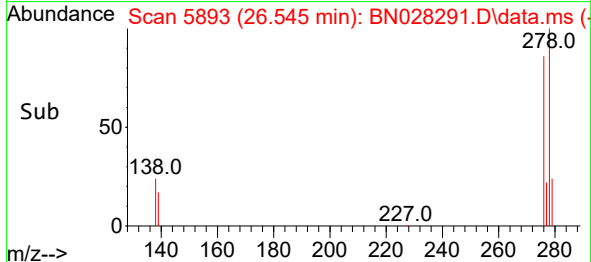
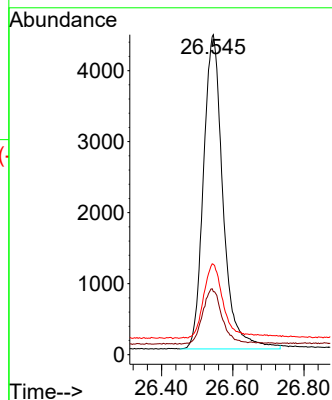
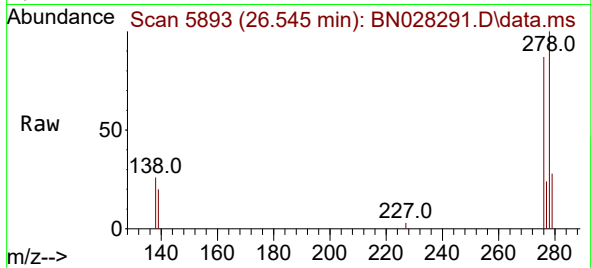




#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 26.545 min Scan# 5893
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4296

Tgt Ion:278 Resp: 16871
Ion Ratio Lower Upper
278 100
139 19.7 15.9 23.9
279 28.3 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 27.330 min Scan# 6127
Delta R.T. 0.000 min
Lab File: BN028291.D
Acq: 16 Oct 2023 14:50

Tgt Ion:276 Resp: 17166
Ion Ratio Lower Upper
276 100
138 25.7 19.8 29.6
277 25.5 20.6 31.0

