

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101623\
 Data File : BN028303.D
 Acq On : 16 Oct 2023 23:31
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4297

Quant Time: Oct 17 02:11:35 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

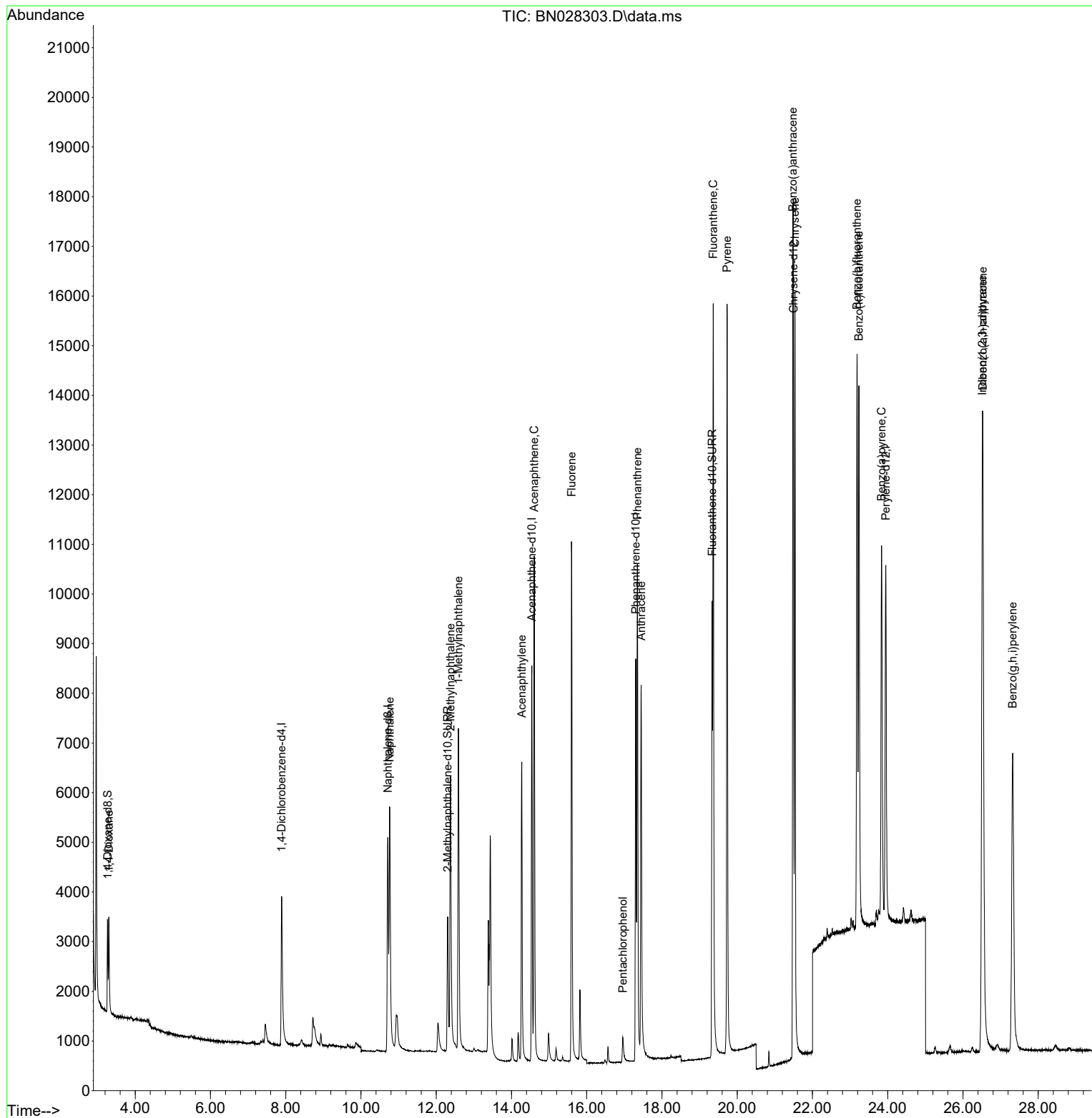
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	2498	0.400	ng/ul	0.00
4) Naphthalene-d8	10.713	136	8416	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.541	164	5098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	11191	0.400	ng/ul	0.00
17) Chrysene-d12	21.495	240	10619	0.400	ng/ul	0.00
23) Perylene-d12	23.947	264	11379	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.267	96	1306	0.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.302	152	5087	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	12367	0.367	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.300	88	1386	0.417	ng/ul	96
5) Naphthalene	10.762	128	9067	0.380	ng/ul	98
7) 2-Methylnaphthalene	12.379	142	5678	0.377	ng/ul	99
8) 1-Methylnaphthalene	12.588	142	5895	0.378	ng/ul	99
10) Acenaphthylene	14.273	152	8373	0.362	ng/ul	99
11) Acenaphthene	14.601	153	6993	0.380	ng/ul	99
12) Fluorene	15.596	166	7990	0.390	ng/ul	99
14) Pentachlorophenol	16.957	266	598	0.249	ng/ul	100
15) Phenanthrene	17.346	178	12935	0.388	ng/ul	99
16) Anthracene	17.447	178	11042	0.370	ng/ul	99
19) Fluoranthene	19.362	202	15090	0.372	ng/ul	99
20) Pyrene	19.733	202	15564	0.370	ng/ul	98
21) Benzo(a)anthracene	21.477	228	14237	0.367	ng/ul	99
22) Chrysene	21.533	228	15174	0.388	ng/ul	100
24) Benzo(b)fluoranthene	23.184	252	16216	0.384	ng/ul	99
25) Benzo(k)fluoranthene	23.234	252	16560	0.394	ng/ul	99
26) Benzo(a)pyrene	23.836	252	13936	0.387	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.515	276	18531	0.426	ng/ul	100
28) Dibenzo(a,h)anthracene	26.529	278	14960	0.422	ng/ul	99
29) Benzo(g,h,i)perylene	27.320	276	15610	0.439	ng/ul	98

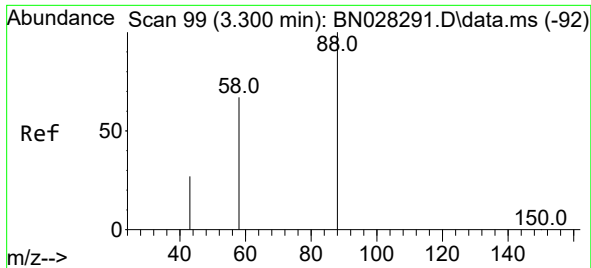
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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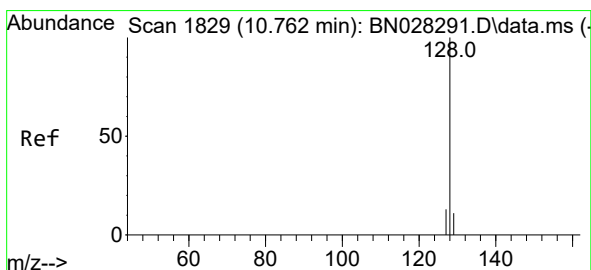
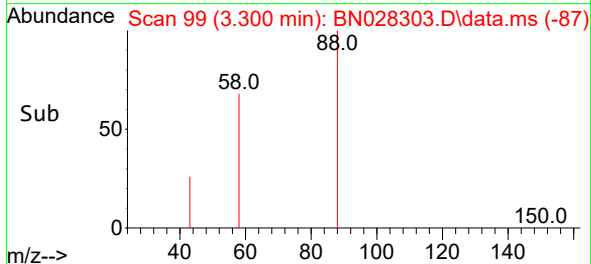
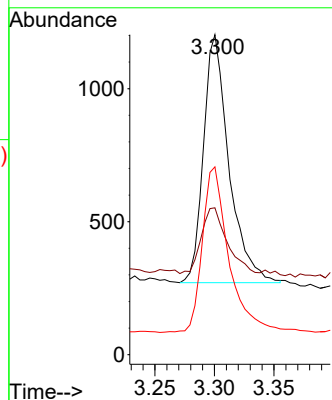
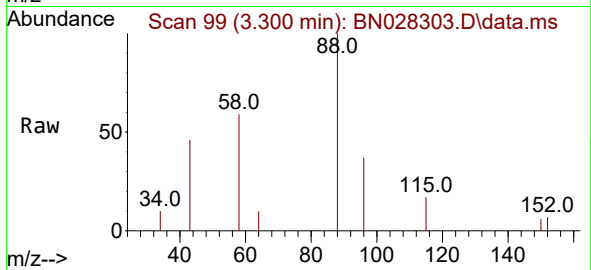




#2
1,4-Dioxane
Concen: 0.417 ng/ul
RT: 3.300 min Scan# 99
Delta R.T. 0.000 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

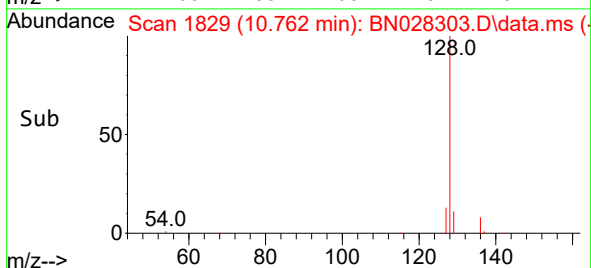
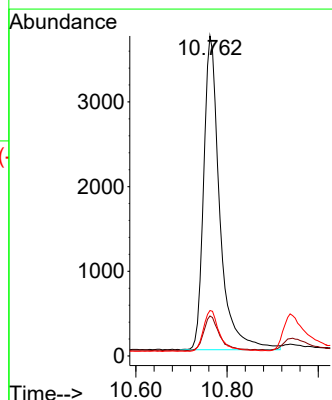
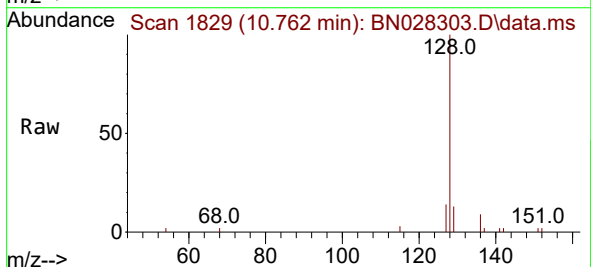
Instrument :
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SSTD0.4297

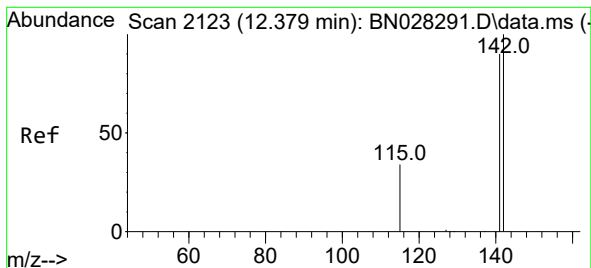
Tgt Ion: 88 Resp: 1386
Ion Ratio Lower Upper
88 100
43 45.9 33.4 50.2
58 58.7 45.7 68.5



#5
Naphthalene
Concen: 0.380 ng/ul
RT: 10.762 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

Tgt Ion: 128 Resp: 9067
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 14.2 11.0 16.4

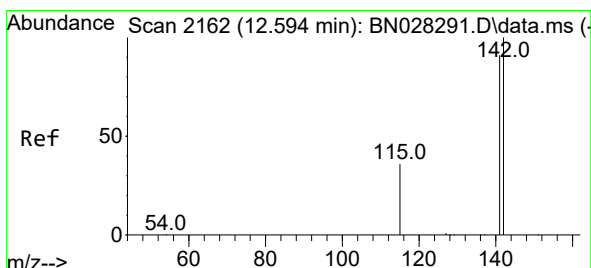
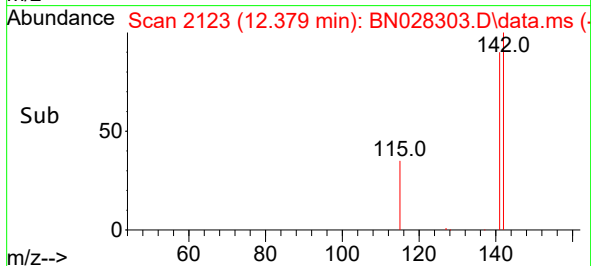
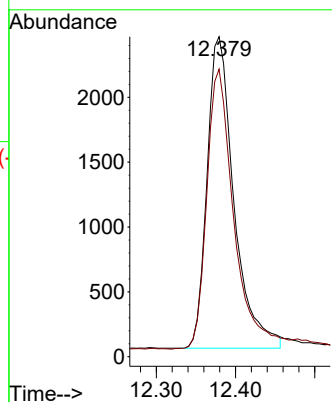
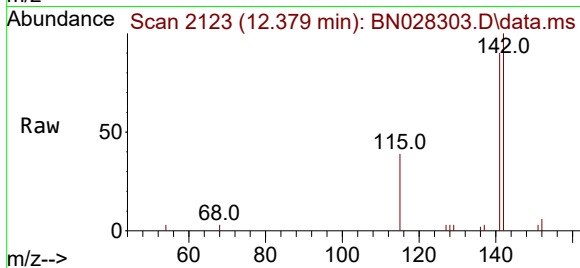




#7
2-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.379 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

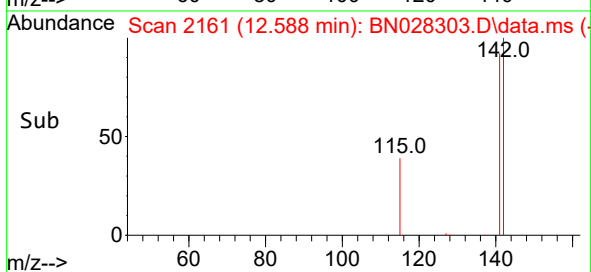
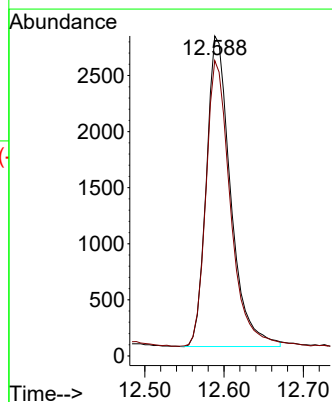
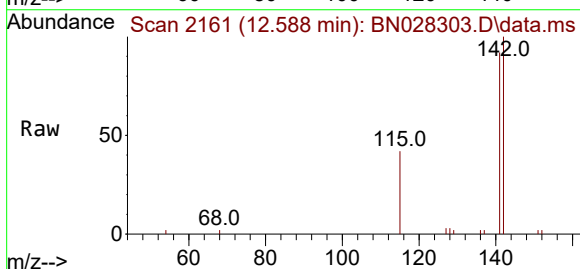
Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

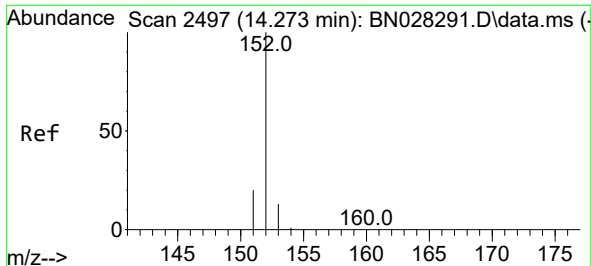
Tgt Ion:142 Resp: 5678
Ion Ratio Lower Upper
142 100
141 89.9 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.588 min Scan# 2161
Delta R.T. -0.005 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

Tgt Ion:142 Resp: 5895
Ion Ratio Lower Upper
142 100
141 92.2 74.4 111.6

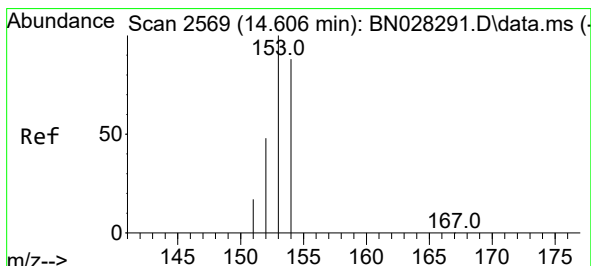
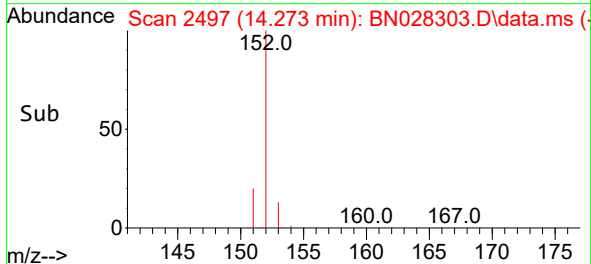
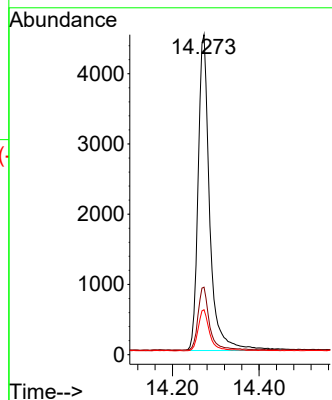
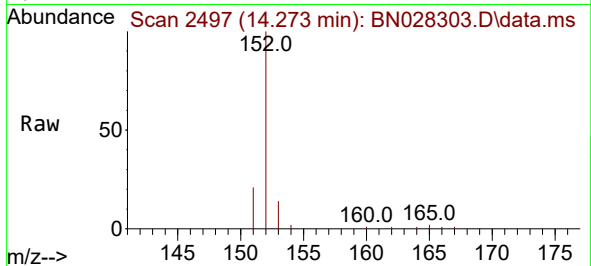




#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 14.273 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

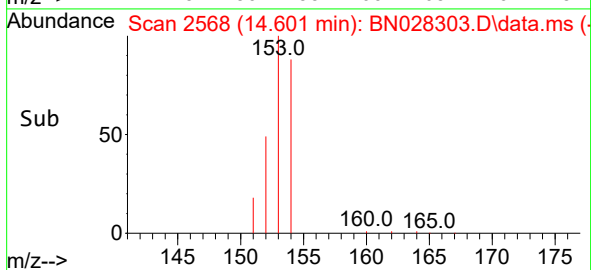
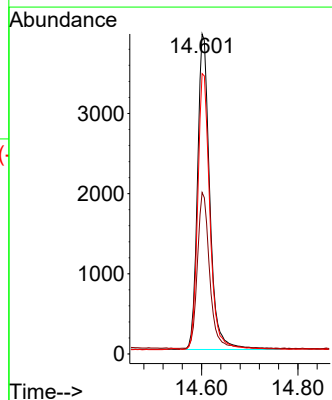
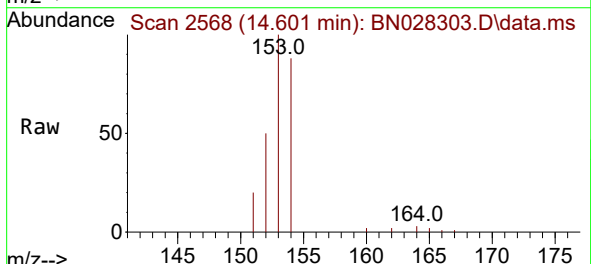
Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

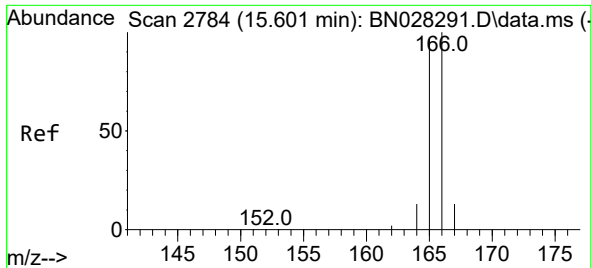
Tgt Ion:152 Resp: 8373
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.601 min Scan# 2568
Delta R.T. -0.005 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

Tgt Ion:153 Resp: 6993
Ion Ratio Lower Upper
153 100
152 50.5 39.4 59.0
154 87.6 70.2 105.4

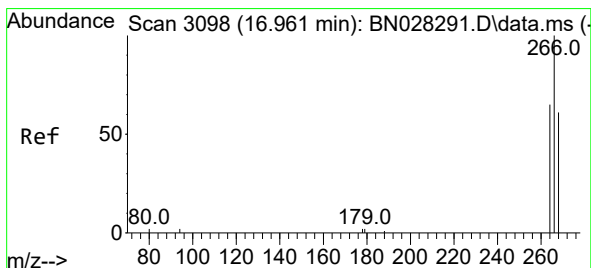
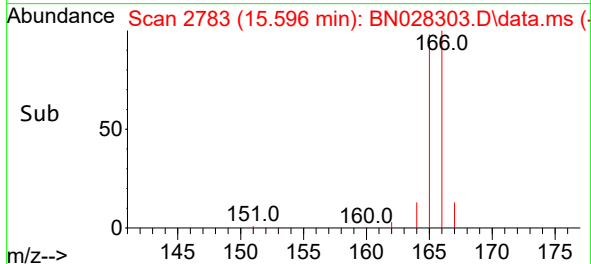
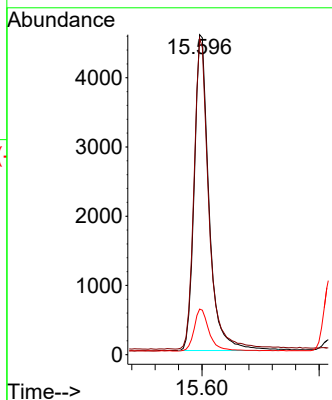
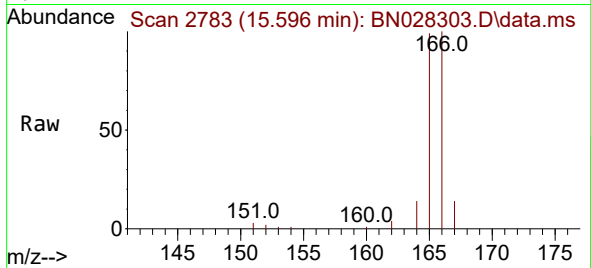




#12
 Fluorene
 Concen: 0.390 ng/ul
 RT: 15.596 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN028303.D
 Acq: 16 Oct 2023 23:31

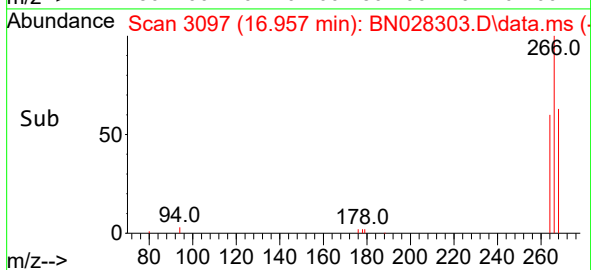
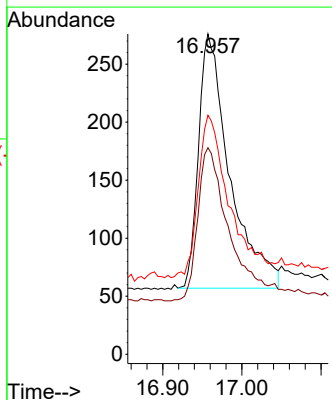
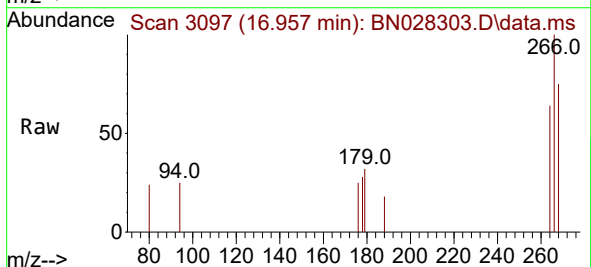
Instrument :
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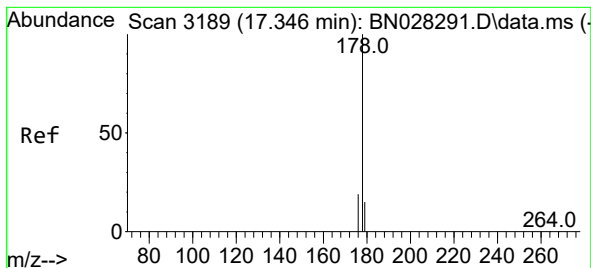
Tgt Ion:166 Resp: 7990
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.5 117.7
 167 14.3 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.249 ng/ul
 RT: 16.957 min Scan# 3097
 Delta R.T. -0.004 min
 Lab File: BN028303.D
 Acq: 16 Oct 2023 23:31

Tgt Ion:266 Resp: 598
 Ion Ratio Lower Upper
 266 100
 264 61.9 49.6 74.4
 268 64.9 52.2 78.4





#15

Phenanthrene

Concen: 0.388 ng/ul

RT: 17.346 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BN028303.D

Acq: 16 Oct 2023 23:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.4297

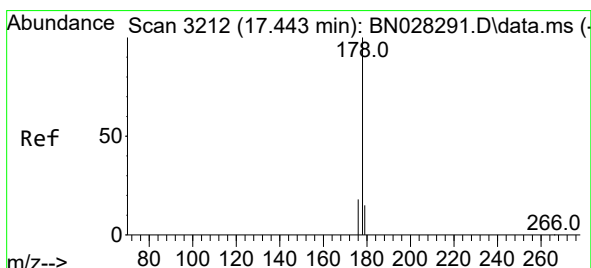
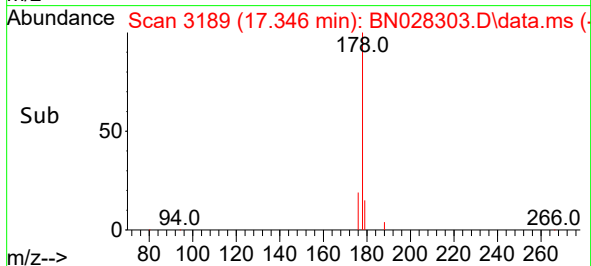
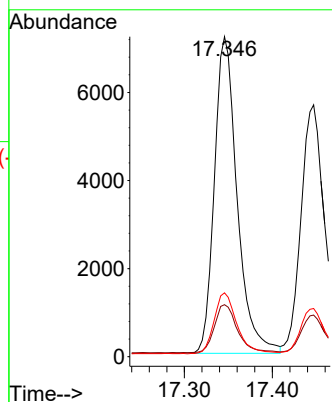
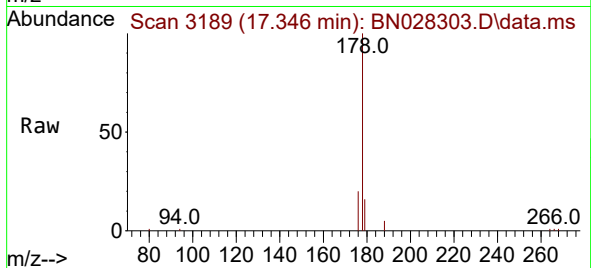
Tgt Ion:178 Resp: 12935

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 19.9 15.5 23.3



#16

Anthracene

Concen: 0.370 ng/ul

RT: 17.447 min Scan# 3213

Delta R.T. 0.004 min

Lab File: BN028303.D

Acq: 16 Oct 2023 23:31

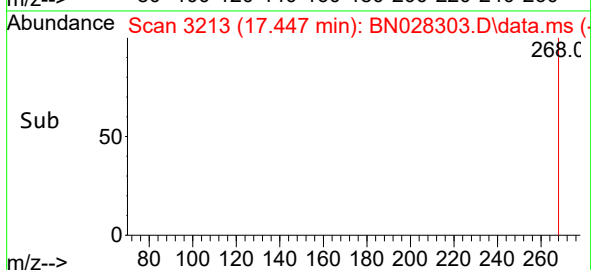
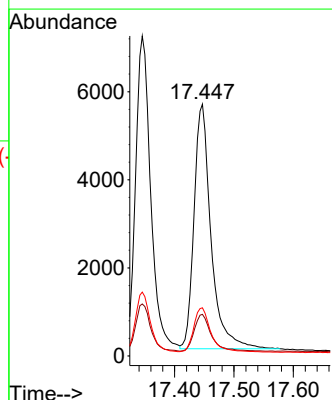
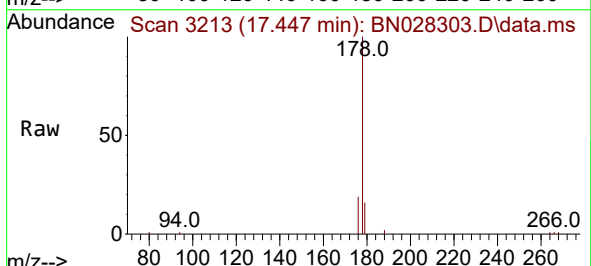
Tgt Ion:178 Resp: 11042

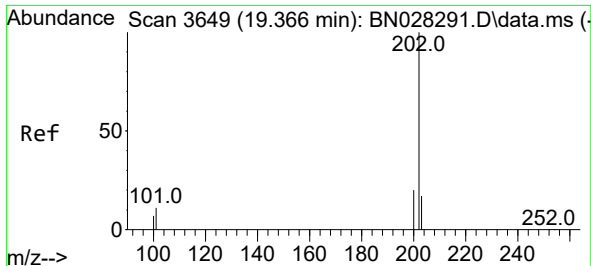
Ion Ratio Lower Upper

178 100

179 16.5 12.8 19.2

176 19.1 15.0 22.6

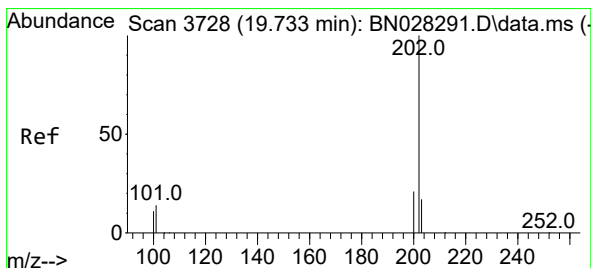
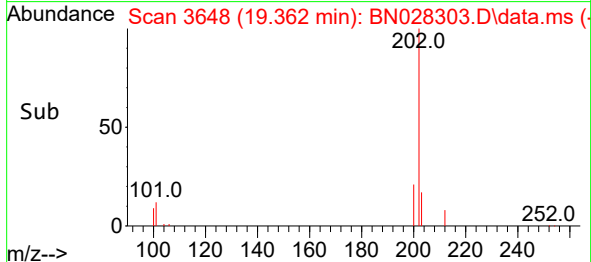
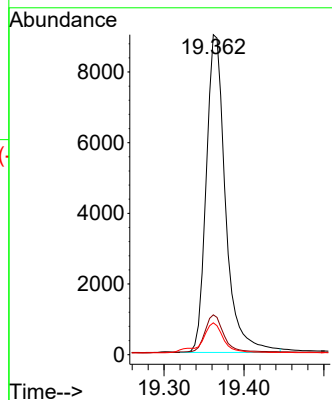
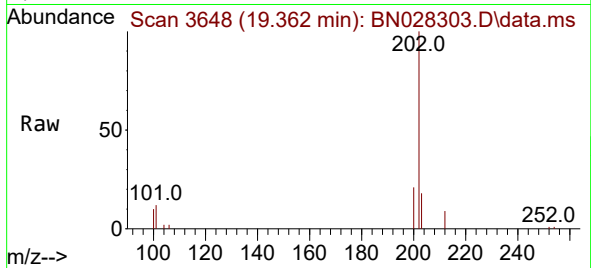




#19
Fluoranthene
Concen: 0.372 ng/ul
RT: 19.362 min Scan# 3648
Delta R.T. -0.005 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

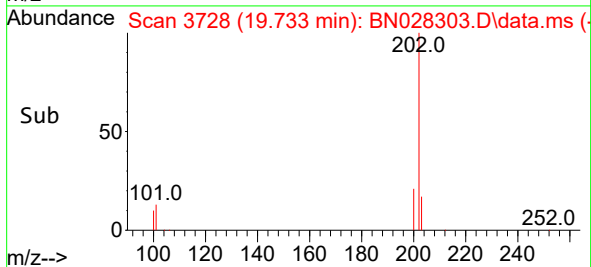
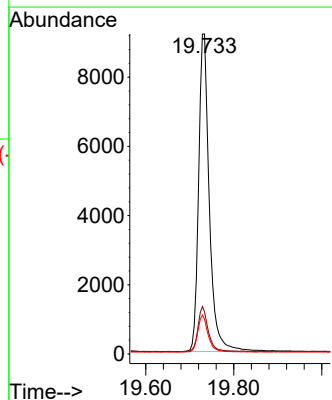
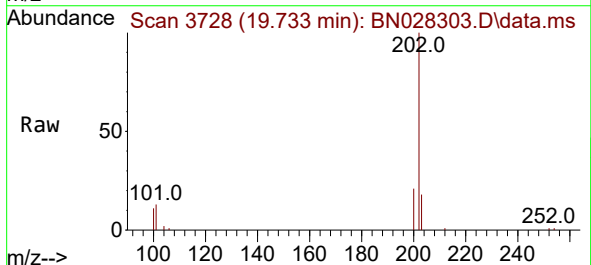
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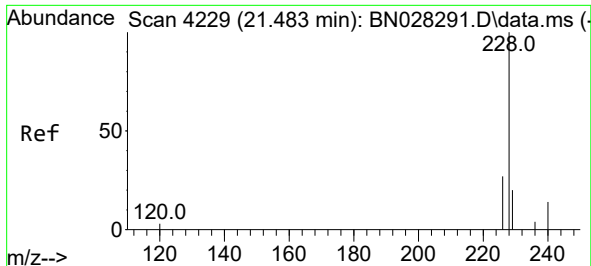
Tgt Ion:202 Resp: 15090
Ion Ratio Lower Upper
202 100
101 12.4 9.6 14.4
100 9.9 7.4 11.0



#20
Pyrene
Concen: 0.370 ng/ul
RT: 19.733 min Scan# 3728
Delta R.T. 0.000 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

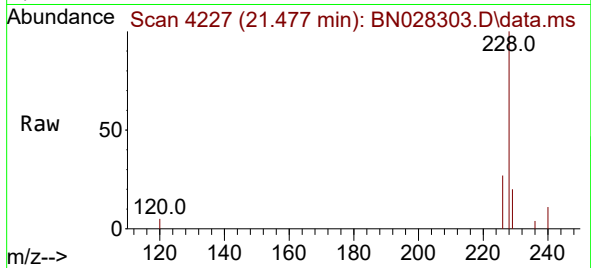
Tgt Ion:202 Resp: 15564
Ion Ratio Lower Upper
202 100
101 13.2 11.2 16.8
100 10.9 9.1 13.7



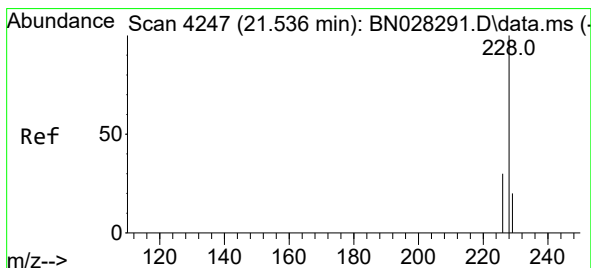
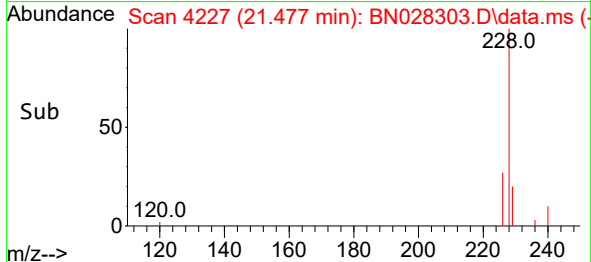
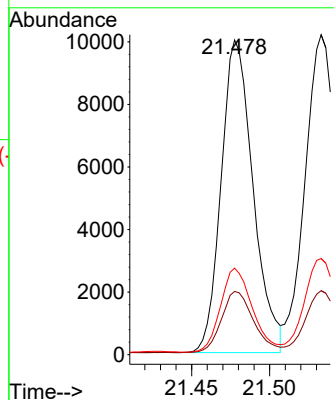


#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.477 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

Instrument :
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SSTD0.4297

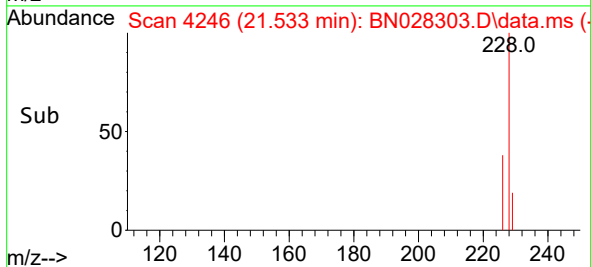
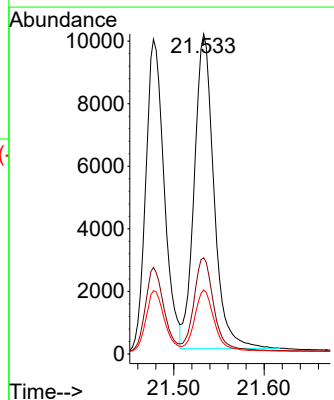
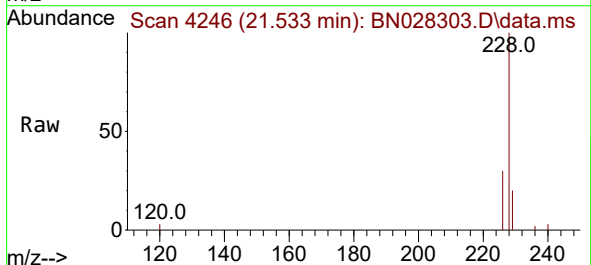


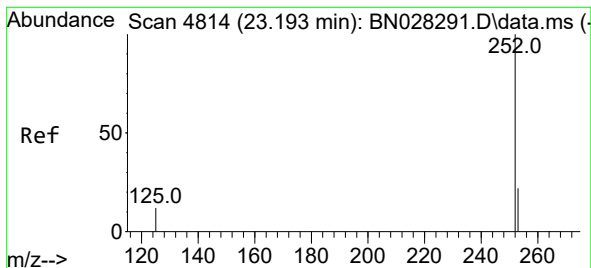
Tgt Ion:228 Resp: 14237
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.5 21.5 32.3



#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.533 min Scan# 4246
Delta R.T. -0.003 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

Tgt Ion:228 Resp: 15174
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 20.0 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.384 ng/ul

RT: 23.184 min Scan# 4811

Delta R.T. -0.009 min

Lab File: BN028303.D

Acq: 16 Oct 2023 23:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.4297

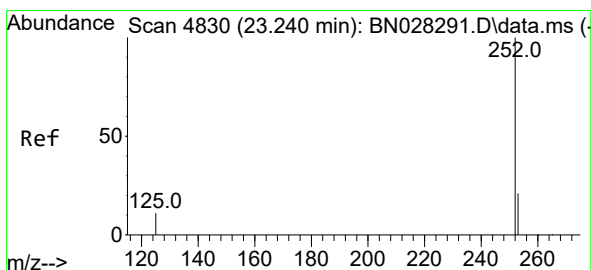
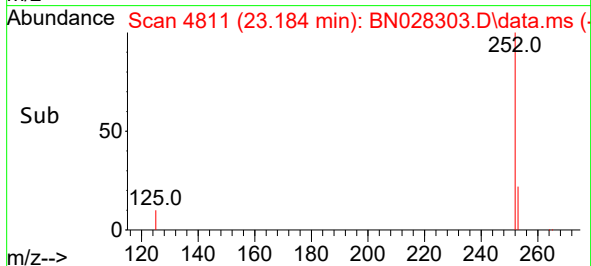
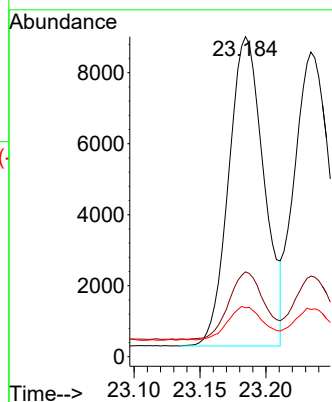
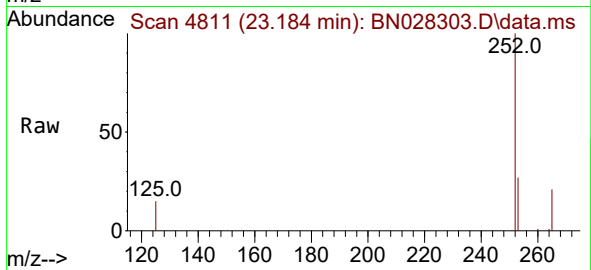
Tgt Ion:252 Resp: 16216

Ion Ratio Lower Upper

252 100

253 26.5 0.0 54.0

125 15.3 0.0 31.4



#25

Benzo(k)fluoranthene

Concen: 0.394 ng/ul

RT: 23.234 min Scan# 4828

Delta R.T. -0.006 min

Lab File: BN028303.D

Acq: 16 Oct 2023 23:31

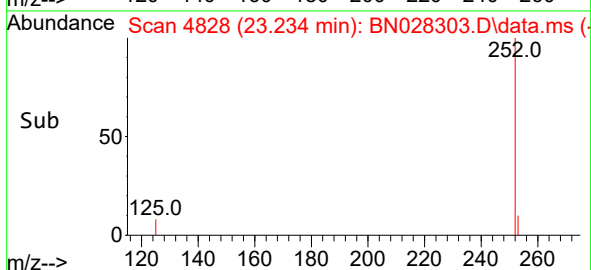
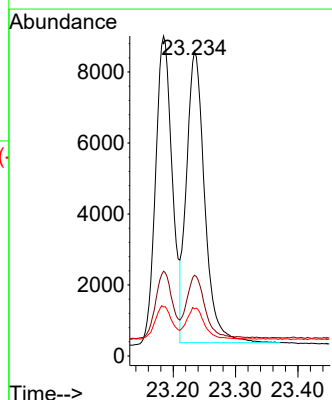
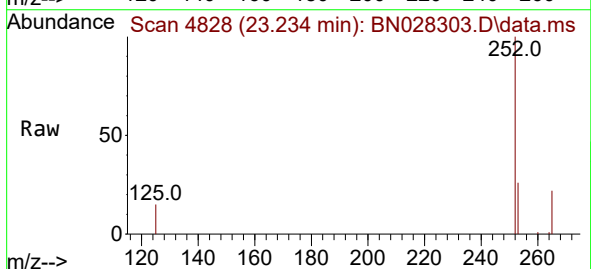
Tgt Ion:252 Resp: 16560

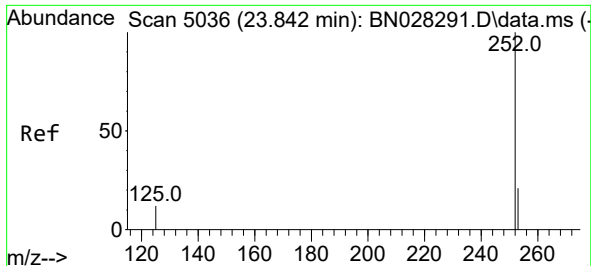
Ion Ratio Lower Upper

252 100

253 26.5 21.8 32.8

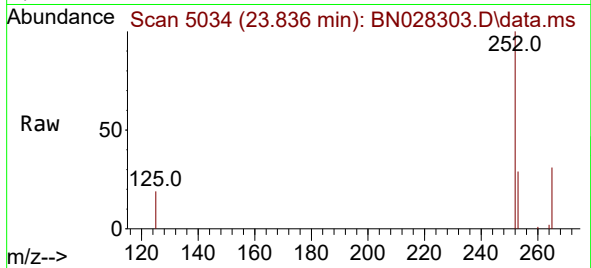
125 15.5 12.8 19.2



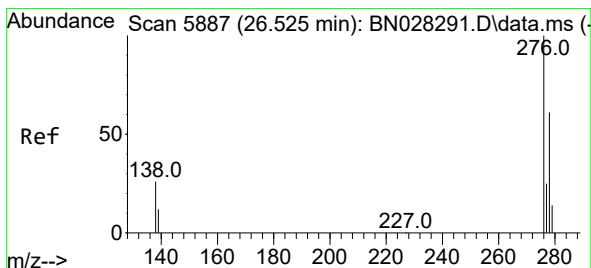
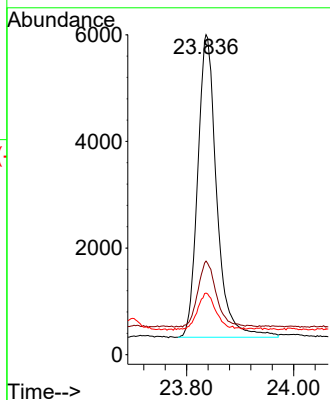
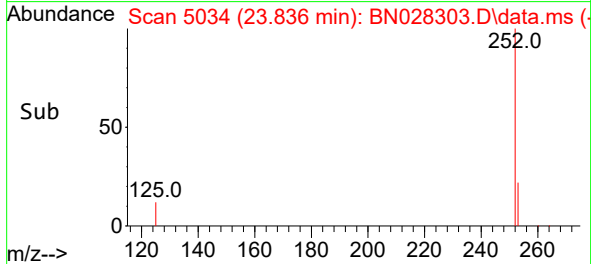


#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.836 min Scan# 5034
Delta R.T. -0.006 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

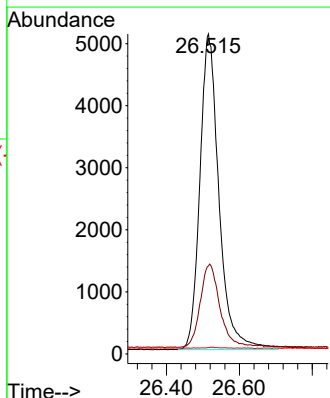
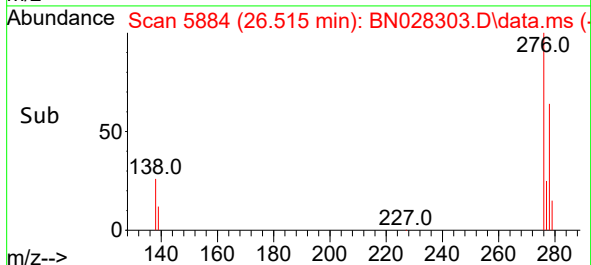
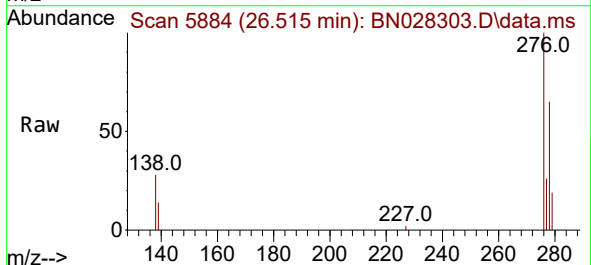


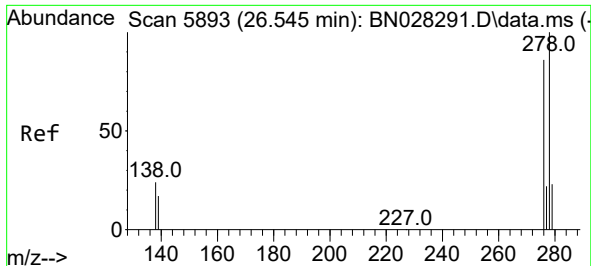
Tgt Ion:252 Resp: 13936
Ion Ratio Lower Upper
252 100
253 29.2 23.4 35.2
125 19.2 15.3 22.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng/ul
RT: 26.515 min Scan# 5884
Delta R.T. -0.010 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

Tgt Ion:276 Resp: 18531
Ion Ratio Lower Upper
276 100
138 27.2 21.6 32.4
227 0.2 0.2 0.2

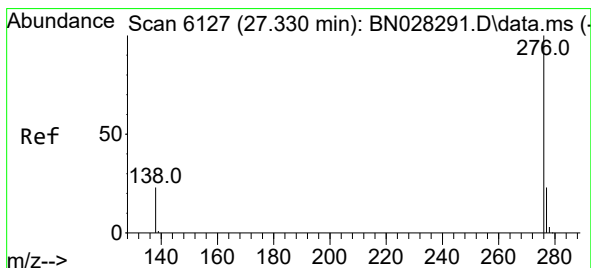
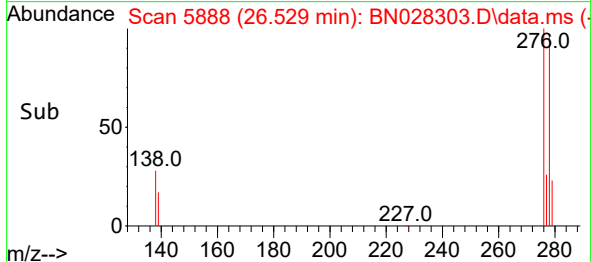
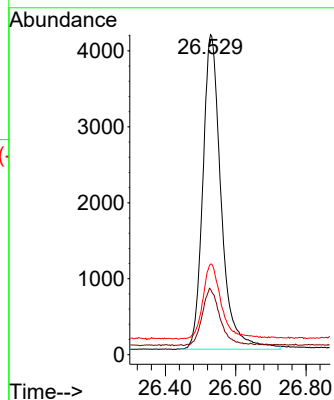
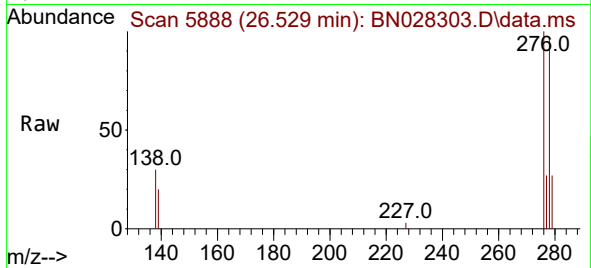




#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 26.529 min Scan# 5888
Delta R.T. -0.017 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.4297

Tgt Ion:278 Resp: 14960
Ion Ratio Lower Upper
278 100
139 20.5 15.9 23.9
279 28.3 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.439 ng/ul
RT: 27.320 min Scan# 6124
Delta R.T. -0.010 min
Lab File: BN028303.D
Acq: 16 Oct 2023 23:31

Tgt Ion:276 Resp: 15610
Ion Ratio Lower Upper
276 100
138 26.0 19.8 29.6
277 26.2 20.6 31.0

