

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028059.D
 Acq On : 05 Oct 2023 21:32
 Operator : MA/JU
 Sample : 04527-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYK7

Quant Time: Oct 06 01:37:44 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 : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

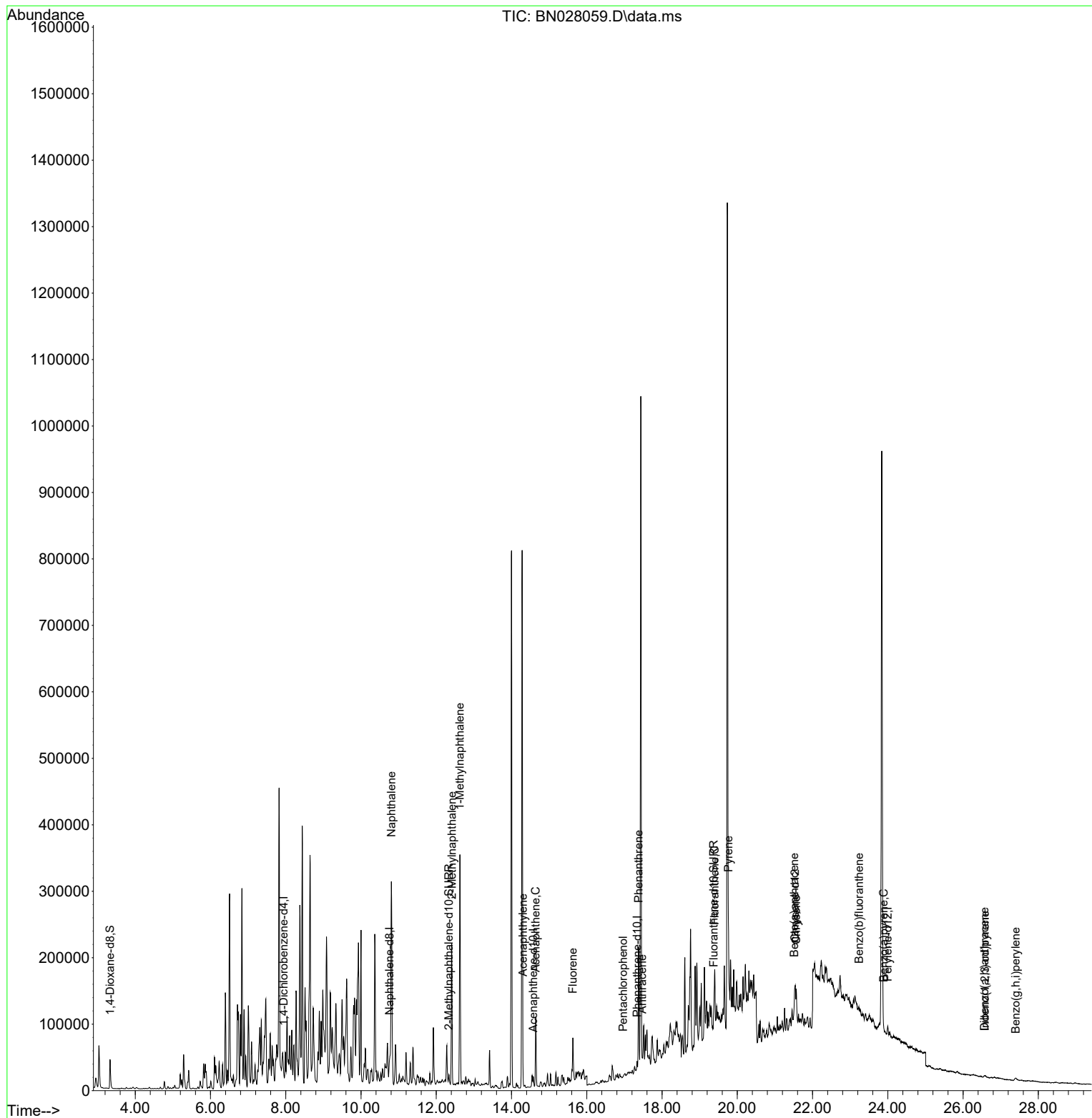
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	5319	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.757	136	15451	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.578	164	9343	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.337	188	16959	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.530	240	14506	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	16327	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	34383	5.146	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	8179	0.329	ng/ul	-0.02
18) Fluoranthene-d10	19.371	212	10752	0.234	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.806	128	403233	9.193	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	149833	5.412	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	230159	8.034	ng/ul	99
10) Acenaphthylene	14.300	152	2127	0.050	ng/ul#	1
11) Acenaphthene	14.643	153	61433	1.821	ng/ul	99
12) Fluorene	15.628	166	41165	1.097	ng/ul#	94
14) Pentachlorophenol	16.966	266	290	0.080	ng/ul#	38
15) Phenanthrene	17.380	178	199054	3.938	ng/ul#	92
16) Anthracene	17.472	178	13429	0.297	ng/ul#	24
19) Fluoranthene	19.399	202	85061	1.536	ng/ul#	85
20) Pyrene	19.762	202	113262	1.973	ng/ul#	77
21) Benzo(a)anthracene	21.513	228	16726	0.316	ng/ul#	1
22) Chrysene	21.565	228	33518	0.627	ng/ul#	12
24) Benzo(b)fluoranthene	23.234	252	24015	0.397	ng/ul#	1
26) Benzo(a)pyrene	23.889	252	8595	0.167	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.582	276	4316	0.069	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.572	278	1768	0.035	ng/ul#	1
29) Benzo(g,h,i)perylene	27.397	276	6305	0.123	ng/ul#	1

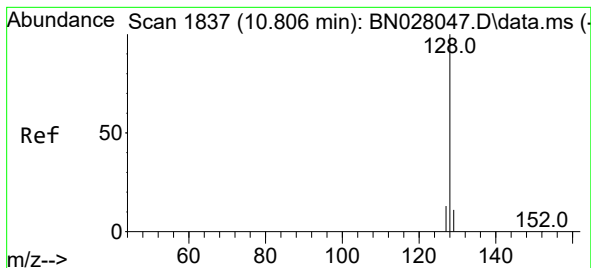
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
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#5

Naphthalene

Concen: 9.193 ng/ul

RT: 10.806 min Scan# 1837

Delta R.T. -0.011 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

Instrument :

BNA_N

ClientSampleId :

EZYK7

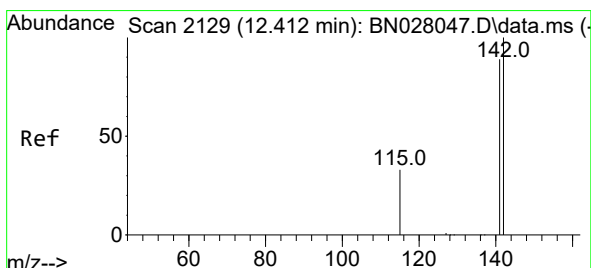
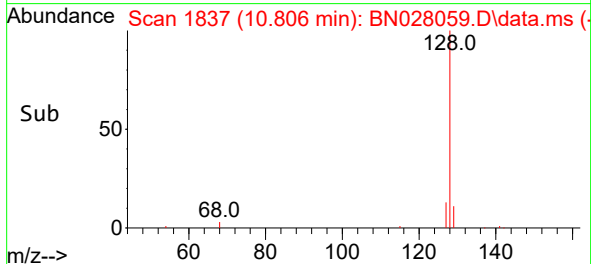
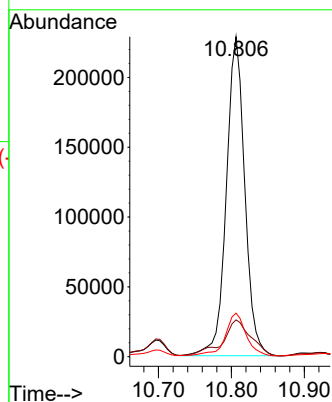
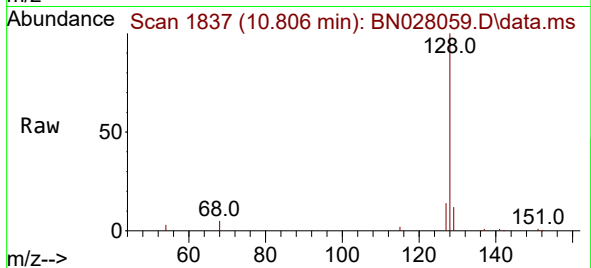
Tgt Ion:128 Resp: 403233

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

127 13.6 11.0 16.4



#7

2-Methylnaphthalene

Concen: 5.412 ng/ul

RT: 12.412 min Scan# 2129

Delta R.T. -0.011 min

Lab File: BN028059.D

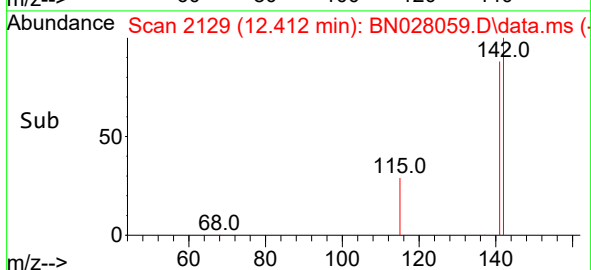
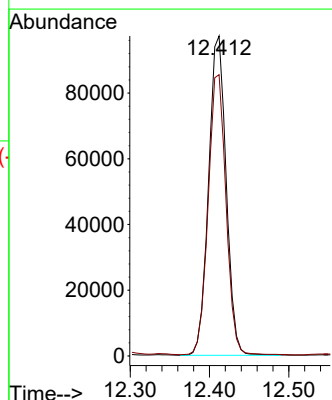
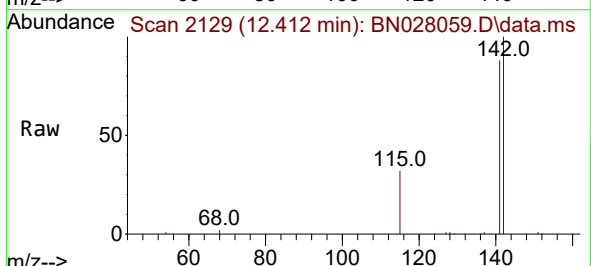
Acq: 05 Oct 2023 21:32

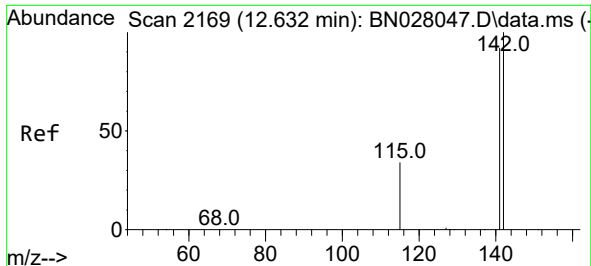
Tgt Ion:142 Resp: 149833

Ion Ratio Lower Upper

142 100

141 88.6 70.9 106.3

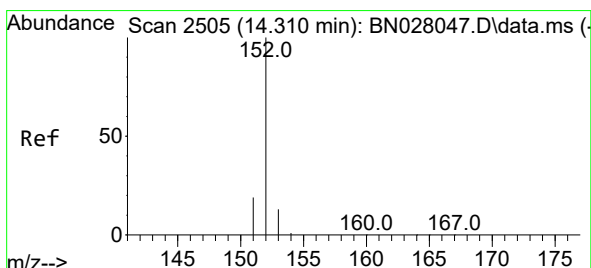
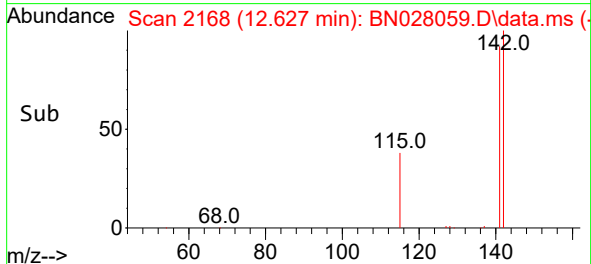
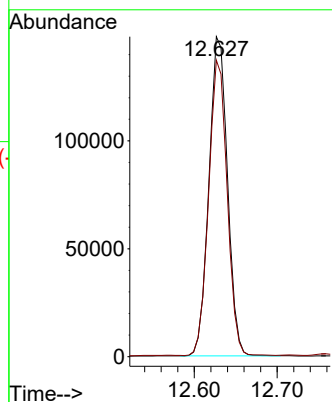
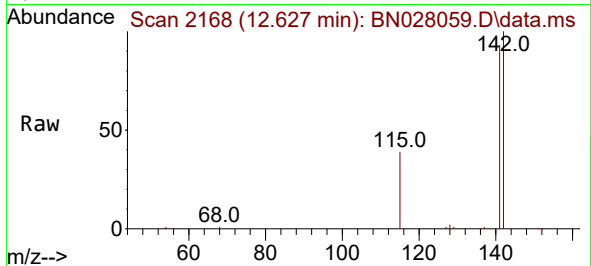




#8
1-Methylnaphthalene
Concen: 8.034 ng/ul
RT: 12.627 min Scan# 2169
Delta R.T. -0.017 min
Lab File: BN028059.D
Acq: 05 Oct 2023 21:32

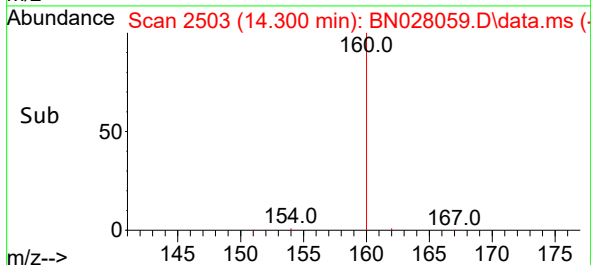
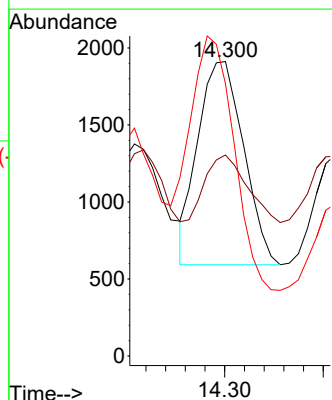
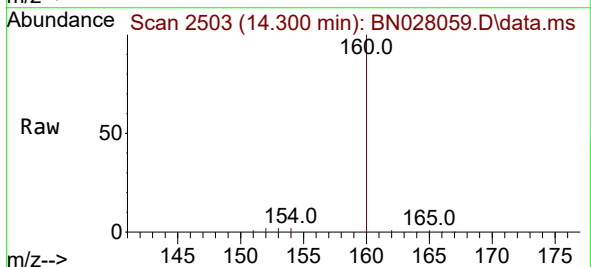
Instrument :
BNA_N
ClientSampleId :
EZYK7

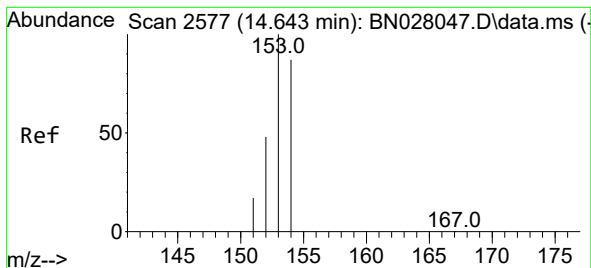
Tgt Ion:142 Resp: 230159
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6



#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 14.300 min Scan# 2503
Delta R.T. -0.019 min
Lab File: BN028059.D
Acq: 05 Oct 2023 21:32

Tgt Ion:152 Resp: 2127
Ion Ratio Lower Upper
152 100
151 68.3 16.4 24.6#
153 92.4 10.9 16.3#





#11

Acenaphthene

Concen: 1.821 ng/ul

RT: 14.643 min Scan# 21

Delta R.T. -0.014 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

Instrument :

BNA_N

ClientSampleId :

EZYK7

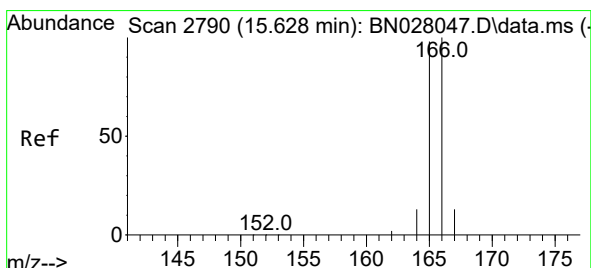
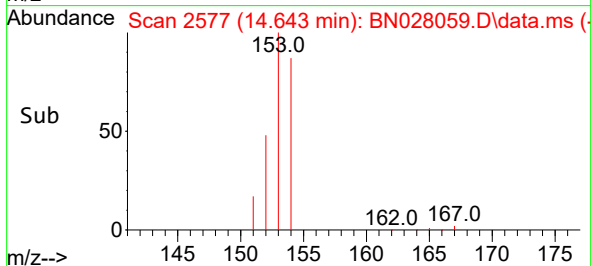
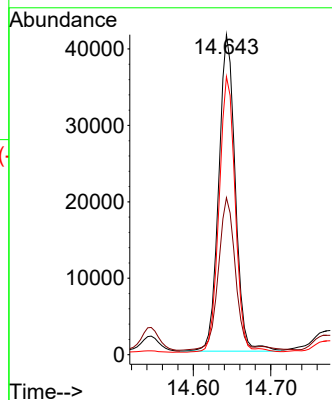
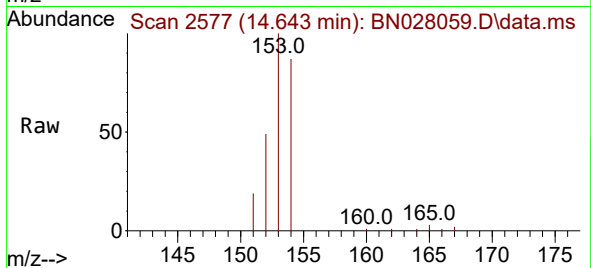
Tgt Ion:153 Resp: 61433

Ion Ratio Lower Upper

153 100

152 49.1 39.4 59.0

154 86.9 70.2 105.4



#12

Fluorene

Concen: 1.097 ng/ul

RT: 15.628 min Scan# 2790

Delta R.T. -0.014 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

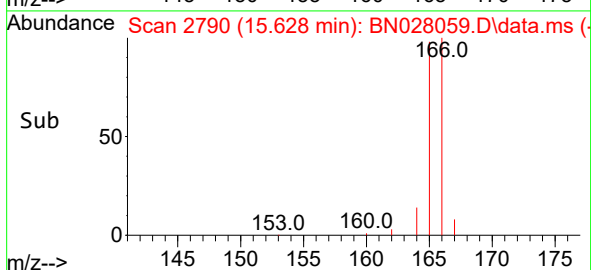
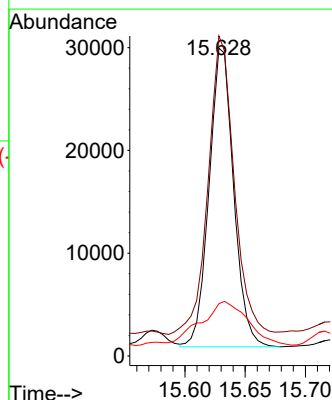
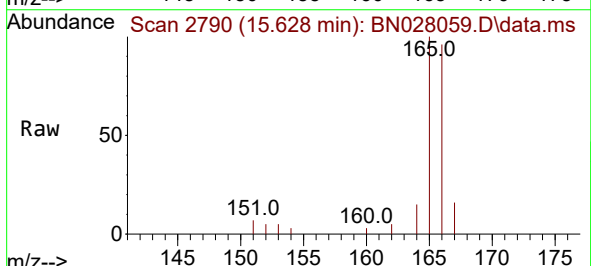
Tgt Ion:166 Resp: 41165

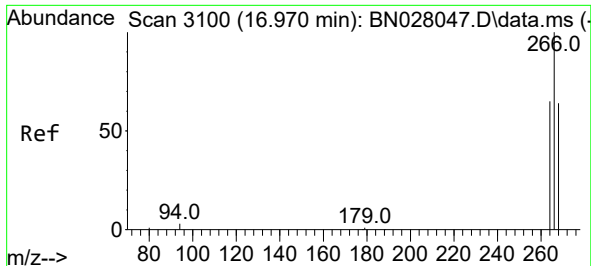
Ion Ratio Lower Upper

166 100

165 104.0 78.5 117.7

167 17.0 11.2 16.8#

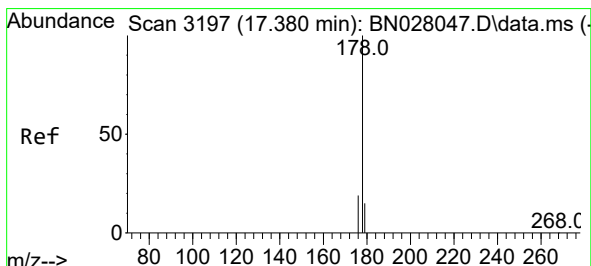
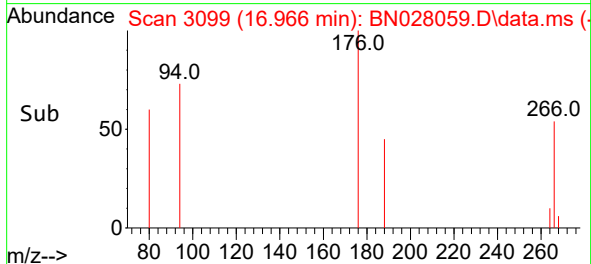
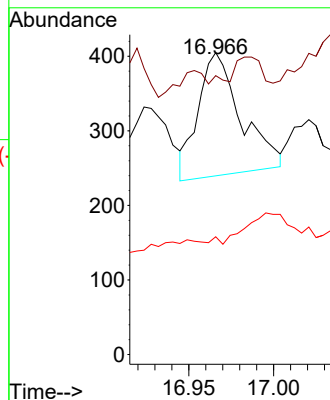
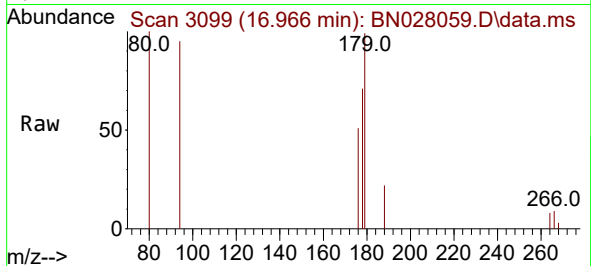




#14
 Pentachlorophenol
 Concen: 0.080 ng/ul
 RT: 16.966 min Scan# 3099
 Delta R.T. -0.021 min
 Lab File: BN028059.D
 Acq: 05 Oct 2023 21:32

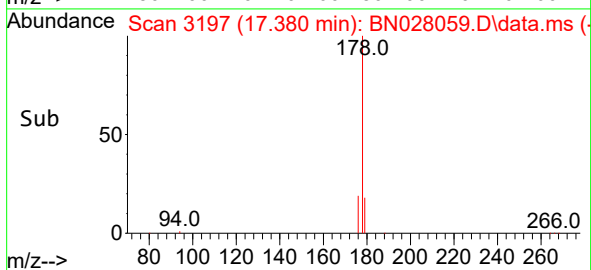
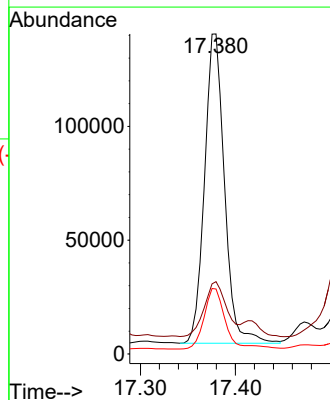
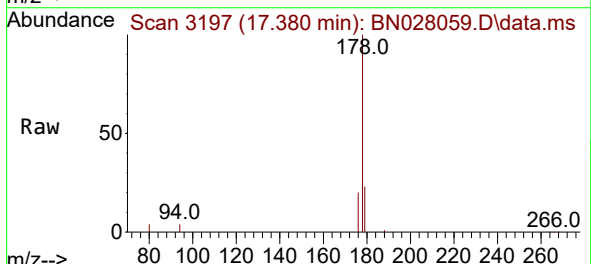
Instrument :
 BNA_N
 ClientSampleId :
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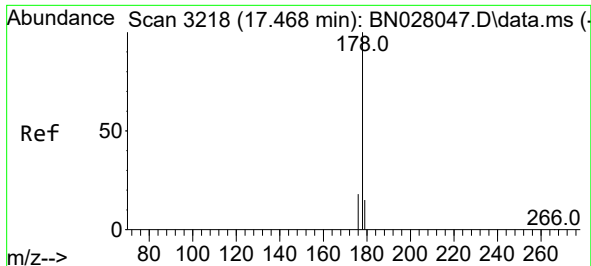
Tgt Ion:266 Resp: 290
 Ion Ratio Lower Upper
 266 100
 264 20.3 49.6 74.4#
 268 10.7 52.2 78.4#



#15
 Phenanthrene
 Concen: 3.938 ng/ul
 RT: 17.380 min Scan# 3197
 Delta R.T. -0.008 min
 Lab File: BN028059.D
 Acq: 05 Oct 2023 21:32

Tgt Ion:178 Resp: 199054
 Ion Ratio Lower Upper
 178 100
 179 22.6 12.6 19.0#
 176 20.3 15.5 23.3

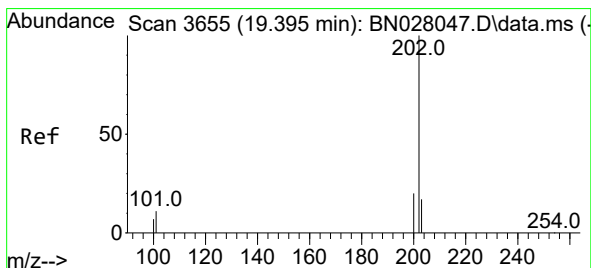
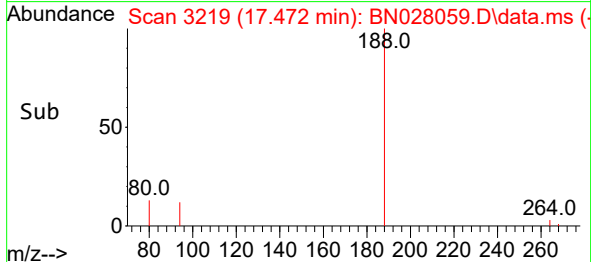
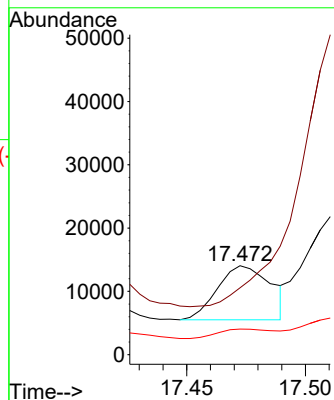
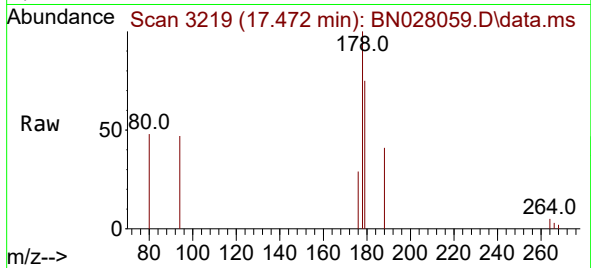




#16
 Anthracene
 Concen: 0.297 ng/ul
 RT: 17.472 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BN028059.D
 Acq: 05 Oct 2023 21:32

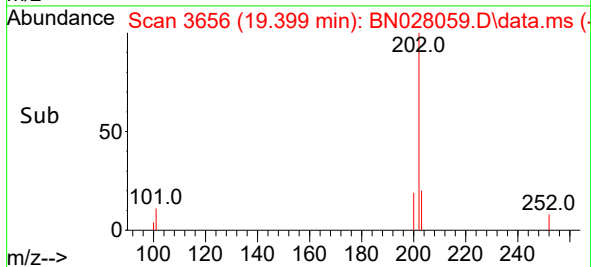
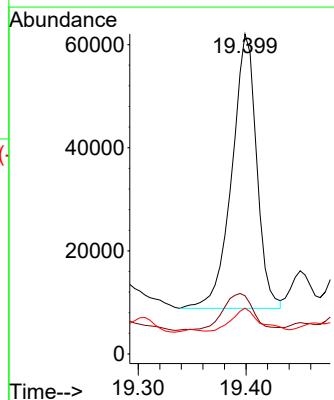
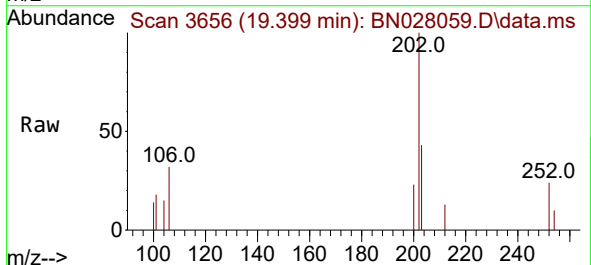
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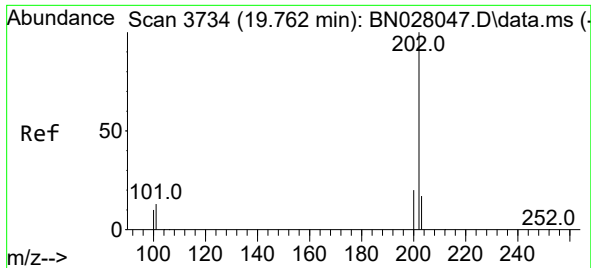
Tgt Ion:178 Resp: 13429
 Ion Ratio Lower Upper
 178 100
 179 75.1 12.8 19.2#
 176 28.7 15.0 22.6#



#19
 Fluoranthene
 Concen: 1.536 ng/ul
 RT: 19.399 min Scan# 3656
 Delta R.T. -0.004 min
 Lab File: BN028059.D
 Acq: 05 Oct 2023 21:32

Tgt Ion:202 Resp: 85061
 Ion Ratio Lower Upper
 202 100
 101 18.2 9.6 14.4#
 100 14.3 7.4 11.0#

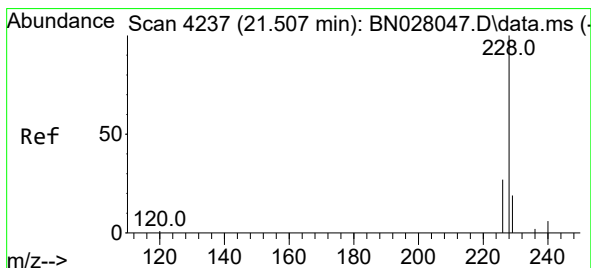
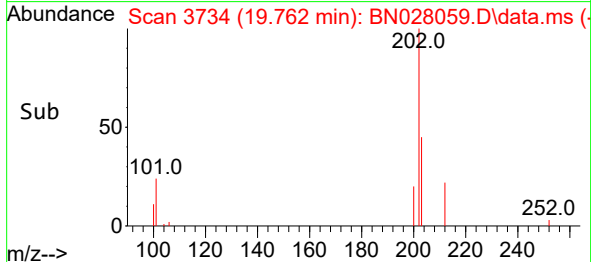
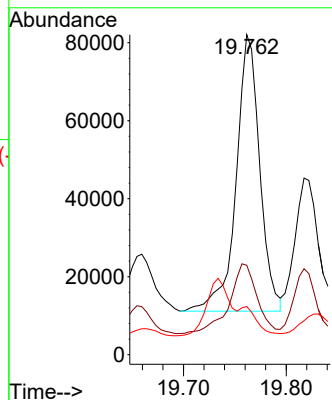
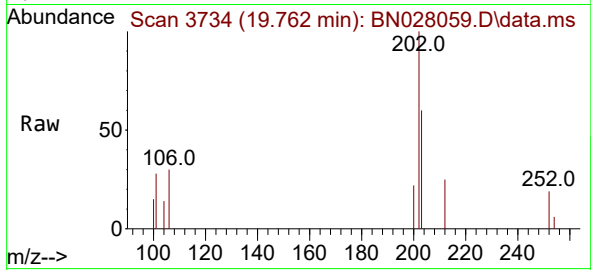




#20
Pyrene
Concen: 1.973 ng/ul
RT: 19.762 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN028059.D
Acq: 05 Oct 2023 21:32

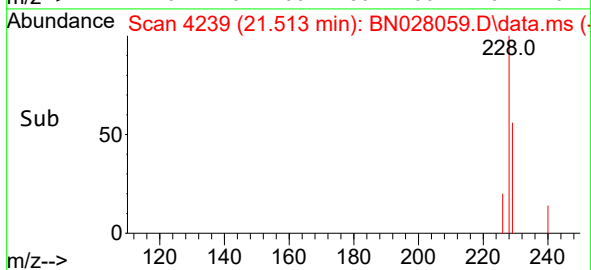
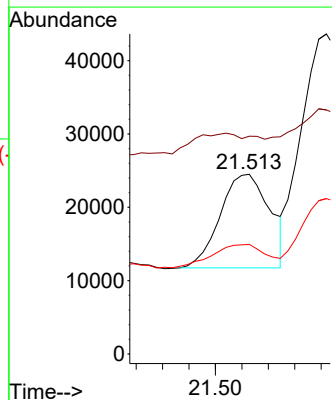
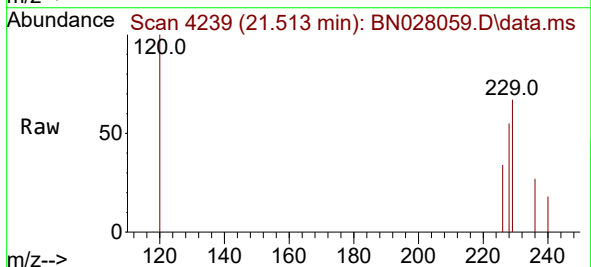
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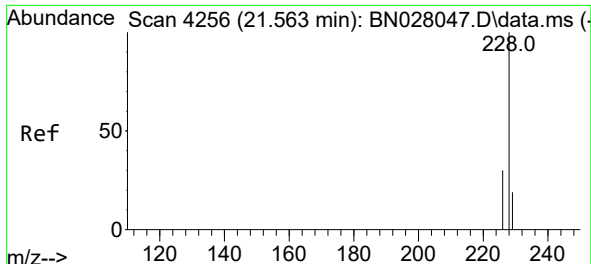
Tgt Ion:202 Resp: 113262
Ion Ratio Lower Upper
202 100
101 27.9 11.2 16.8#
100 15.1 9.1 13.7#



#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.513 min Scan# 4239
Delta R.T. -0.006 min
Lab File: BN028059.D
Acq: 05 Oct 2023 21:32

Tgt Ion:228 Resp: 16726
Ion Ratio Lower Upper
228 100
229 121.2 16.0 24.0#
226 61.0 21.5 32.3#





#22

Chrysene

Concen: 0.627 ng/ul

RT: 21.565 min Scan# 41

Delta R.T. -0.009 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

Instrument :

BNA_N

ClientSampleId :

EZYK7

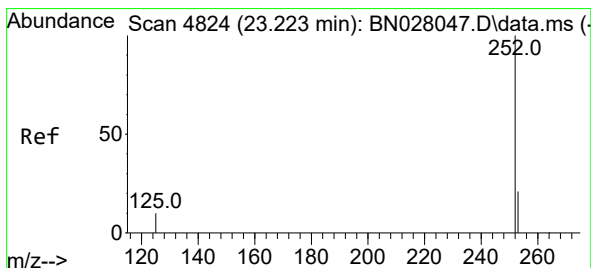
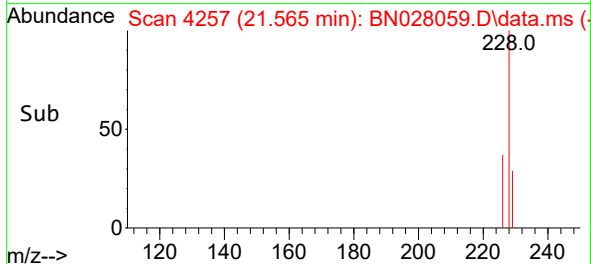
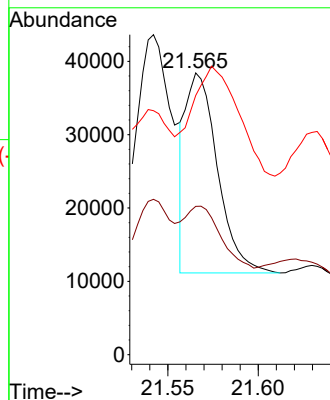
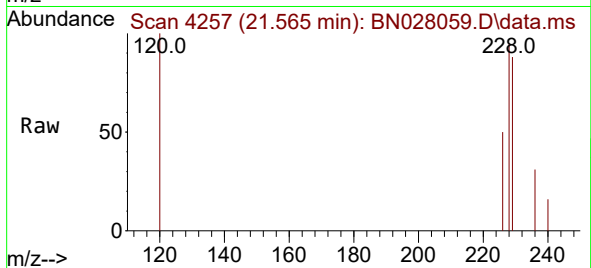
Tgt Ion:228 Resp: 33518

Ion Ratio Lower Upper

228 100

226 52.6 23.8 35.8#

229 92.0 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 0.397 ng/ul

RT: 23.234 min Scan# 4828

Delta R.T. -0.006 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

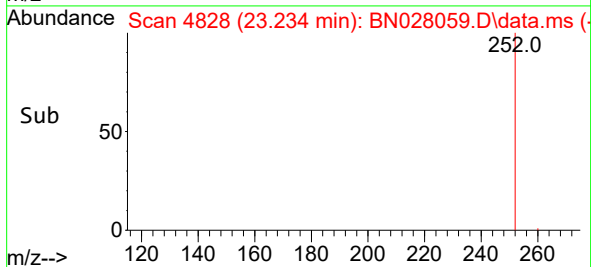
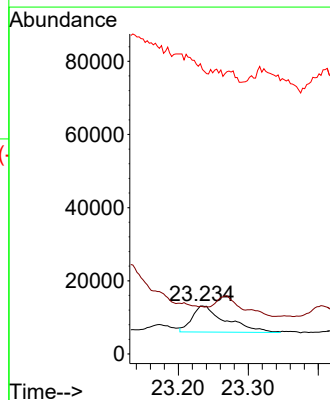
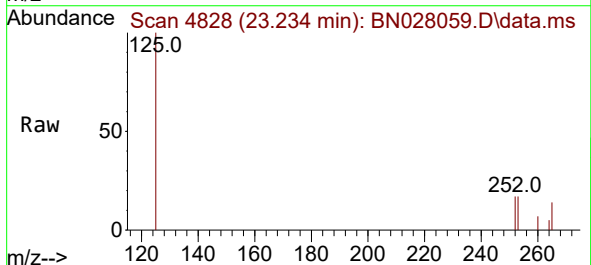
Tgt Ion:252 Resp: 24015

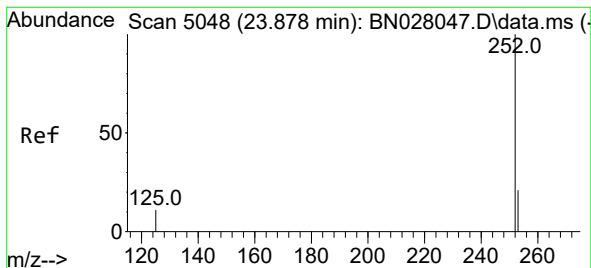
Ion Ratio Lower Upper

252 100

253 98.8 0.0 54.0#

125 592.2 0.0 31.4#





#26

Benzo(a)pyrene

Concen: 0.167 ng/ul

RT: 23.889 min Scan# 5048

Delta R.T. -0.006 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

Instrument :

BNA_N

ClientSampleId :

EZYK7

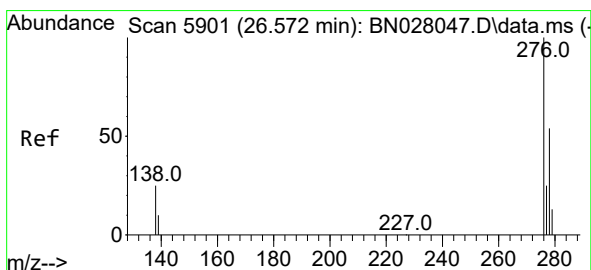
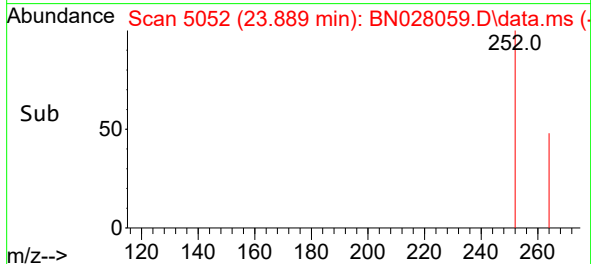
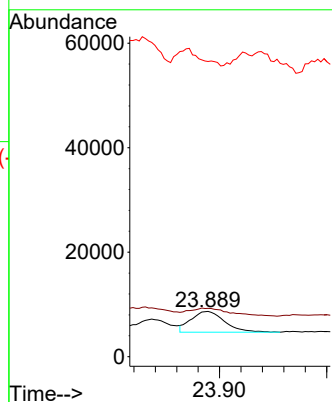
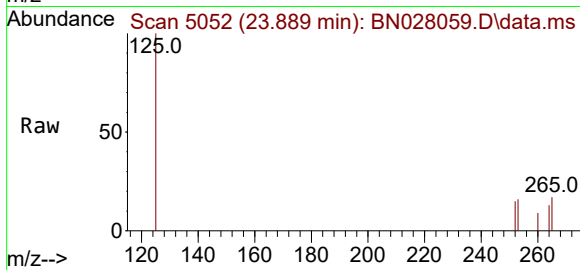
Tgt Ion:252 Resp: 8595

Ion Ratio Lower Upper

252 100

253 106.8 23.4 35.2#

125 652.3 15.3 22.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.069 ng/ul

RT: 26.582 min Scan# 5904

Delta R.T. -0.020 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

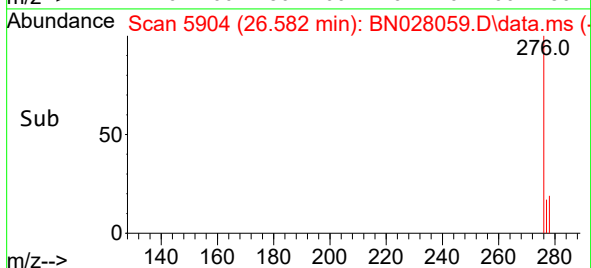
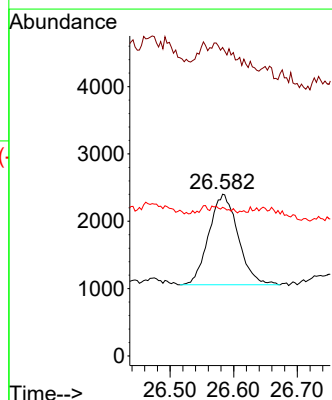
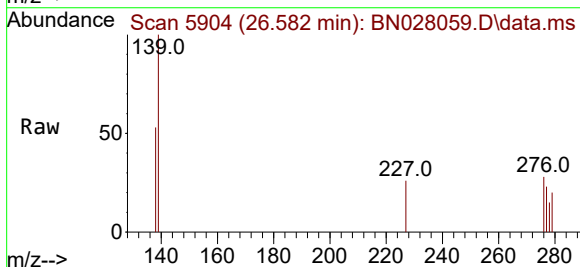
Tgt Ion:276 Resp: 4316

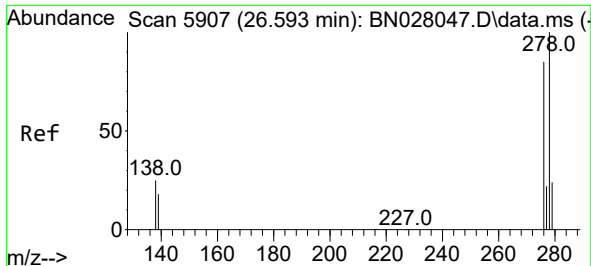
Ion Ratio Lower Upper

276 100

138 0.0 21.6 32.4#

227 3.3 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.035 ng/ul

RT: 26.572 min Scan# 5901

Delta R.T. -0.047 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

Instrument :

BNA_N

ClientSampleId :

EZYK7

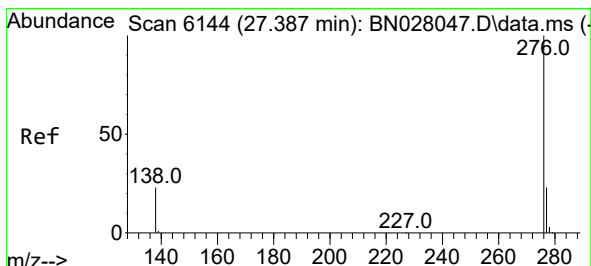
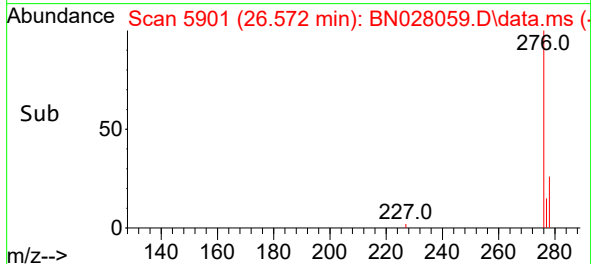
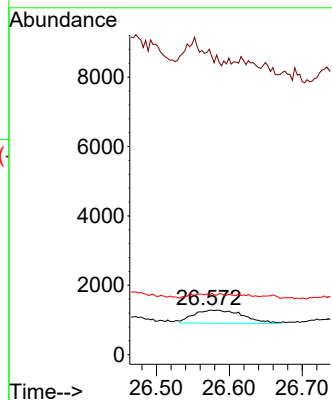
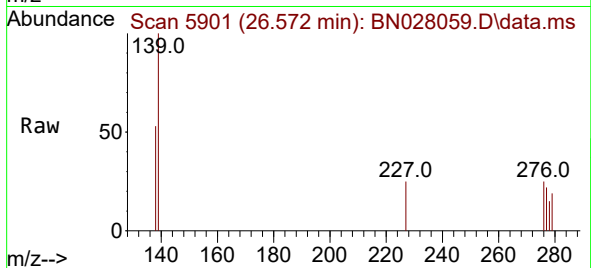
Tgt Ion:278 Resp: 1768

Ion Ratio Lower Upper

278 100

139 686.4 15.9 23.9#

279 133.4 22.8 34.2#



#29

Benzo(g,h,i)perylene

Concen: 0.123 ng/ul

RT: 27.397 min Scan# 6147

Delta R.T. -0.023 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

Tgt Ion:276 Resp: 6305

Ion Ratio Lower Upper

276 100

138 156.8 19.8 29.6#

277 67.8 20.6 31.0#

