

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020824\
 Data File : BN029586.D
 Acq On : 08 Feb 2024 20:47
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4339

Quant Time: Feb 08 23:59:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 02:17:13 2024
 Response via : Initial Calibration

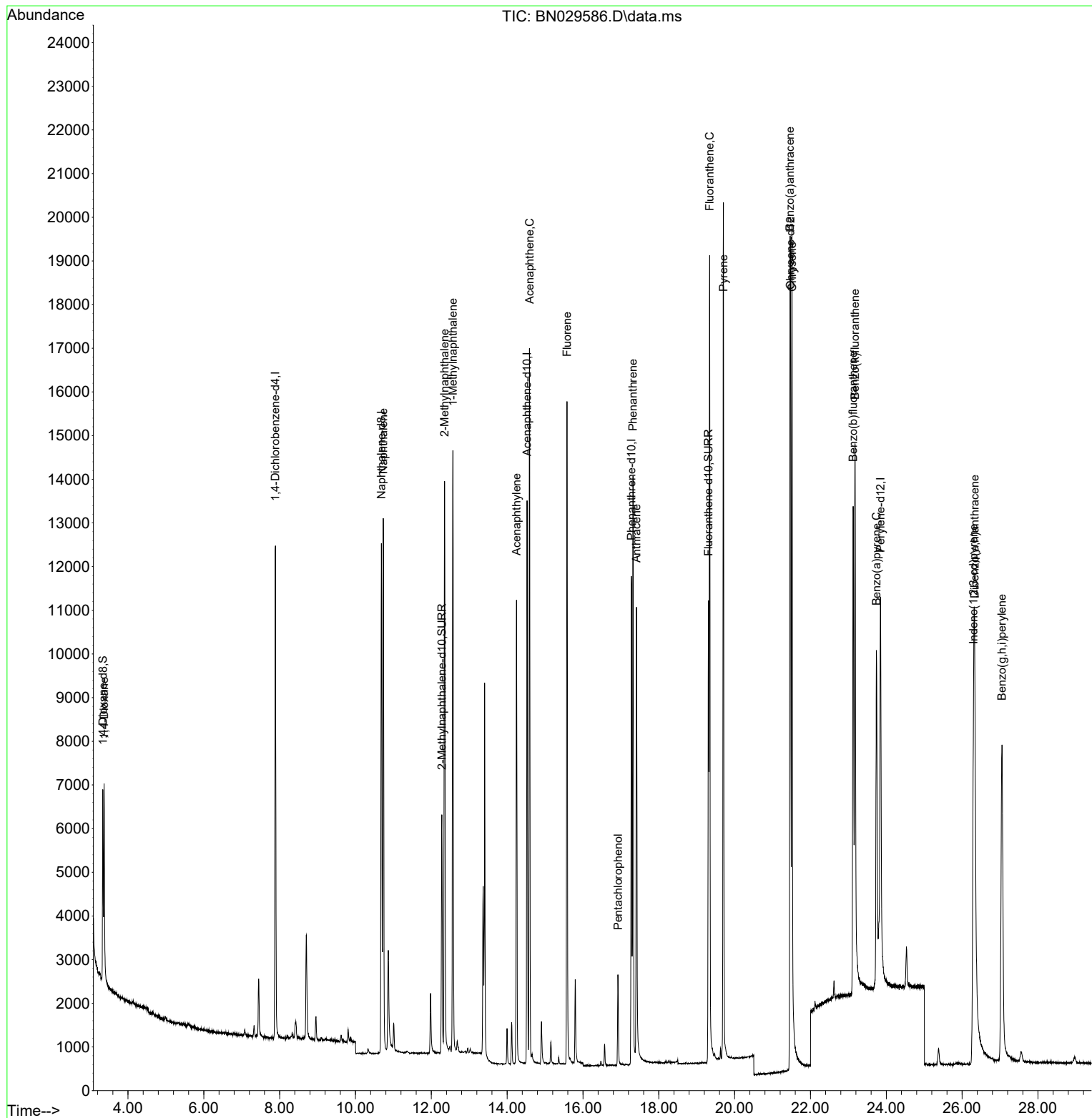
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	5920	0.400	ng/ul	0.00
4) Naphthalene-d8	10.683	136	16126	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.525	164	7090	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.280	188	13140	0.400	ng/ul	0.00
17) Chrysene-d12	21.474	240	12718	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	13310	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	2906	0.394	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.278	152	7488	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.309	212	11848	0.283	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	3043	0.379	ng/ul	98
5) Naphthalene	10.733	128	16762	0.369	ng/ul	99
7) 2-Methylnaphthalene	12.349	142	9491	0.365	ng/ul	100
8) 1-Methylnaphthalene	12.569	142	9574	0.361	ng/ul	100
10) Acenaphthylene	14.247	152	12440	0.360	ng/ul	99
11) Acenaphthene	14.590	153	9433	0.359	ng/ul	99
12) Fluorene	15.580	166	9823	0.357	ng/ul	99
14) Pentachlorophenol	16.921	266	1415	0.483	ng/ul#	50
15) Phenanthrene	17.318	178	14598	0.356	ng/ul	100
16) Anthracene	17.411	178	12578	0.364	ng/ul	100
19) Fluoranthene	19.341	202	16292	0.279	ng/ul	100
20) Pyrene	19.704	202	17085	0.285	ng/ul	98
21) Benzo(a)anthracene	21.460	228	14491	0.316	ng/ul	100
22) Chrysene	21.512	228	17676	0.352	ng/ul	100
24) Benzo(b)fluoranthene	23.126	252	15505	0.310	ng/ul	99
25) Benzo(k)fluoranthene	23.175	252	17896	0.322	ng/ul	98
26) Benzo(a)pyrene	23.740	252	14606	0.310	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.300	276	18845	0.330	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.330	278	15522	0.346	ng/ul	99
29) Benzo(g,h,i)perylene	27.052	276	17264	0.333	ng/ul	97

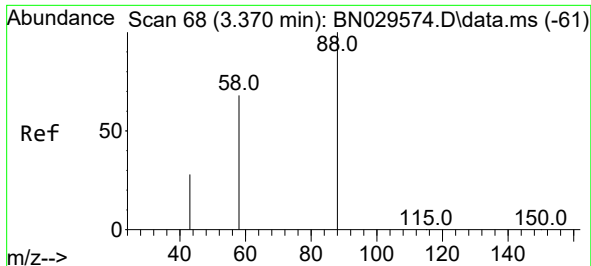
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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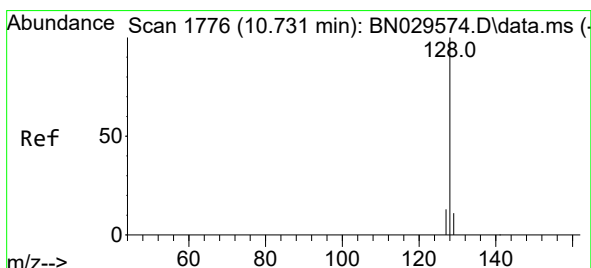
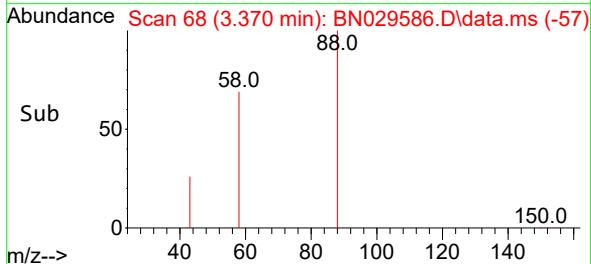
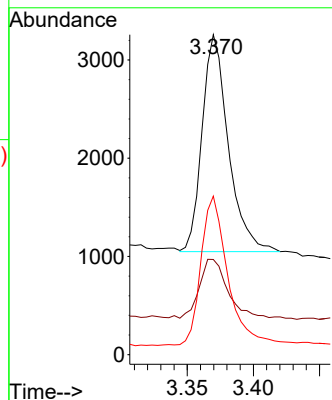
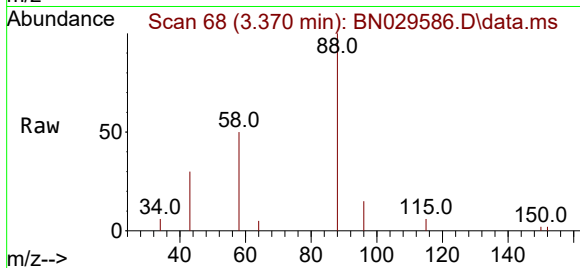




#2
1,4-Dioxane
Concen: 0.379 ng/ul
RT: 3.370 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

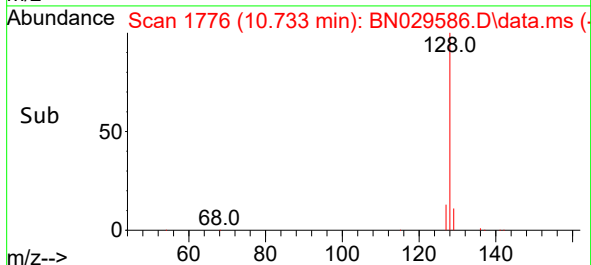
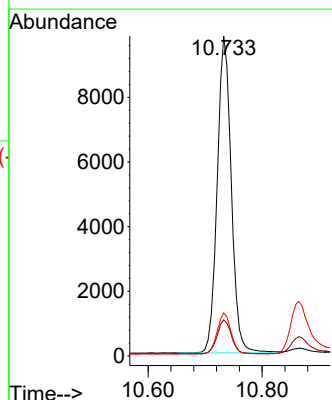
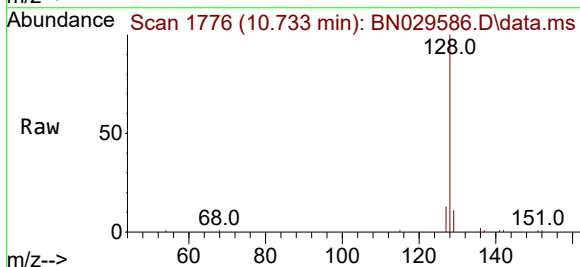
Instrument :
BNA_N
ClientSampleId :
SSTD0.4339

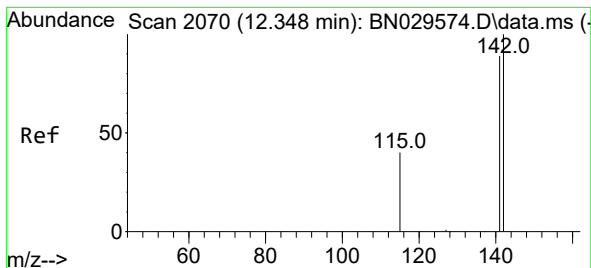
Tgt Ion: 88 Resp: 3043
Ion Ratio Lower Upper
88 100
43 29.7 21.8 32.6
58 49.5 39.3 58.9



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.733 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

Tgt Ion: 128 Resp: 16762
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.4 11.0 16.6





#7

2-Methylnaphthalene

Concen: 0.365 ng/ul

RT: 12.349 min Scan# 2070

Delta R.T. -0.005 min

Lab File: BN029586.D

Acq: 08 Feb 2024 20:47

Instrument :

BNA_N

ClientSampleId :

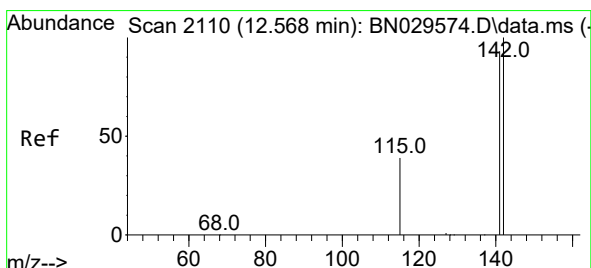
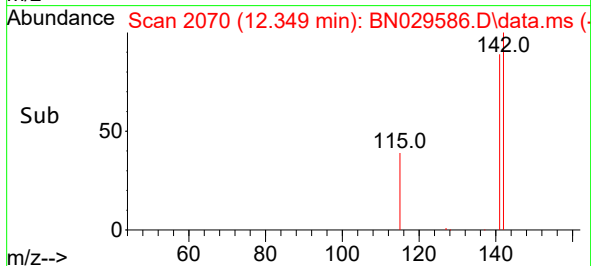
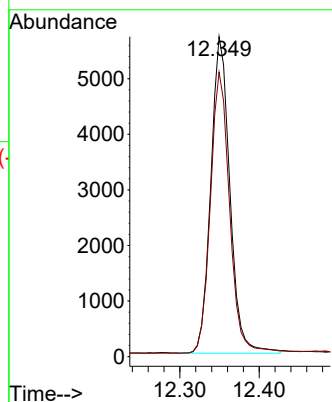
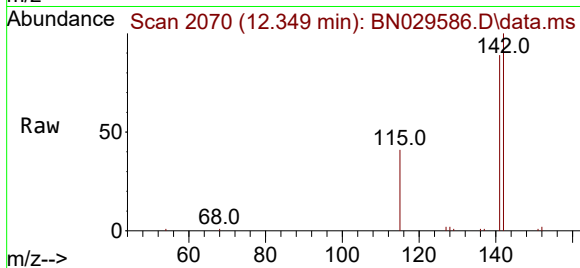
SSTD0.4339

Tgt Ion:142 Resp: 9491

Ion Ratio Lower Upper

142 100

141 89.5 71.5 107.3



#8

1-Methylnaphthalene

Concen: 0.361 ng/ul

RT: 12.569 min Scan# 2110

Delta R.T. -0.005 min

Lab File: BN029586.D

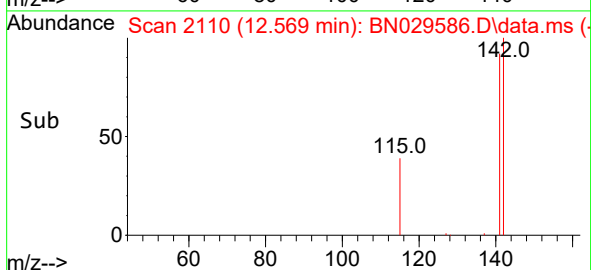
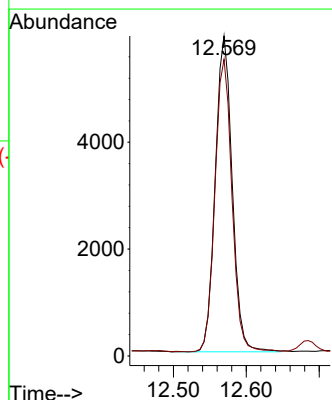
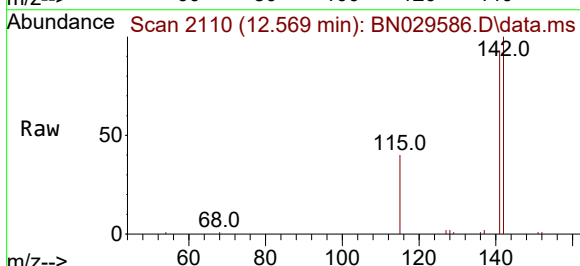
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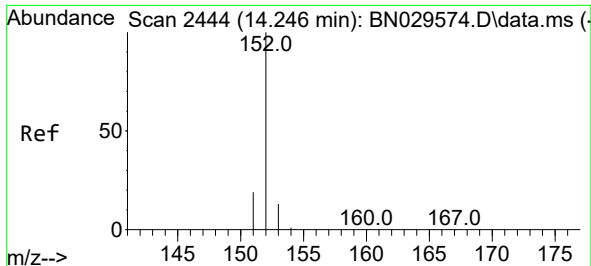
Tgt Ion:142 Resp: 9574

Ion Ratio Lower Upper

142 100

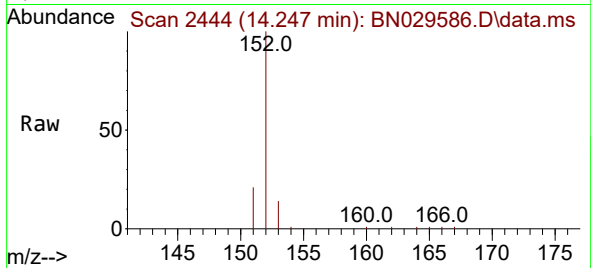
141 92.8 73.9 110.9



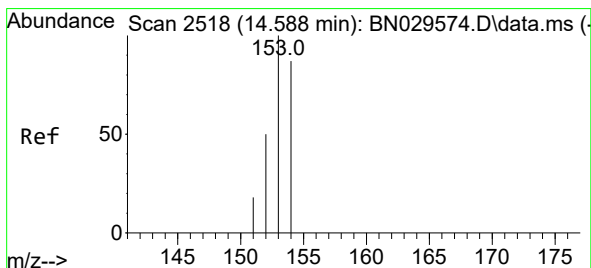
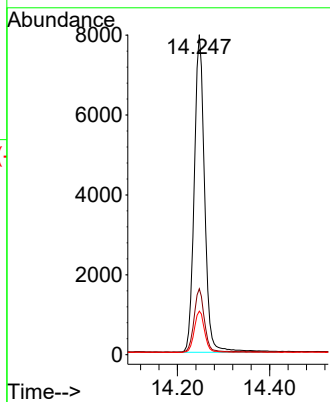
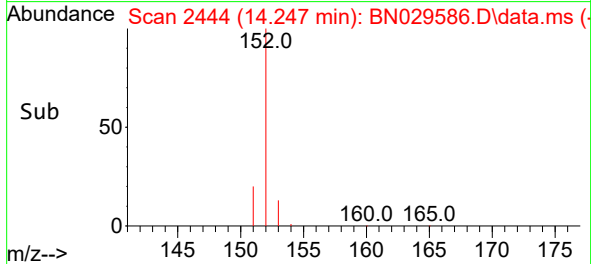


#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 14.247 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

Instrument :
BNA_N
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SSTD0.4339

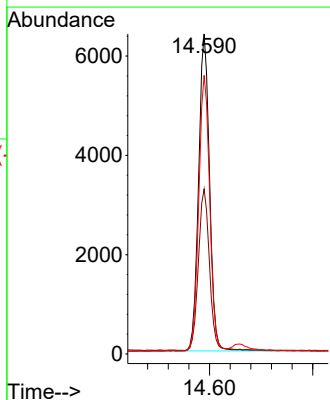
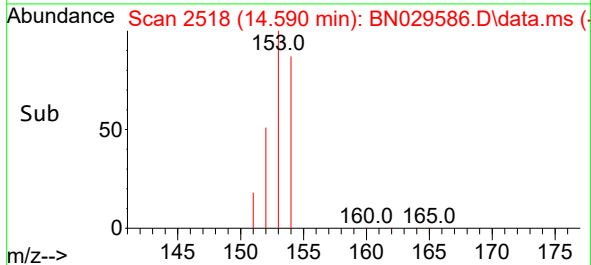
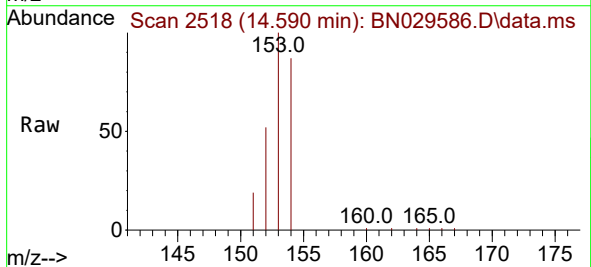


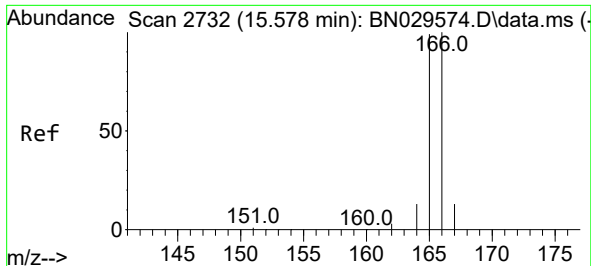
Tgt Ion:152 Resp: 12440
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.590 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

Tgt Ion:153 Resp: 9433
Ion Ratio Lower Upper
153 100
152 51.6 41.5 62.3
154 87.0 70.9 106.3

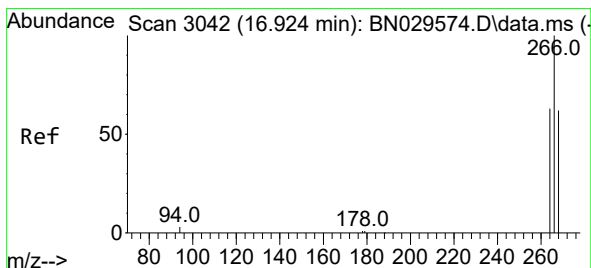
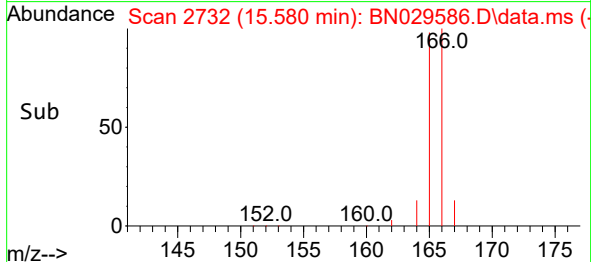
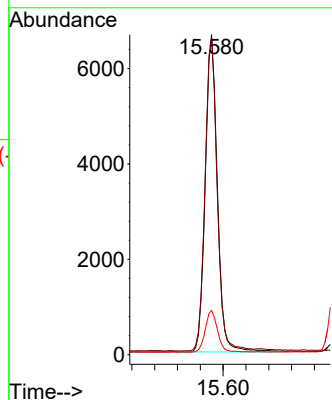
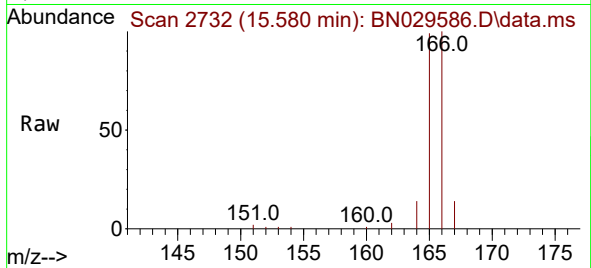




#12
Fluorene
Concen: 0.357 ng/ul
RT: 15.580 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

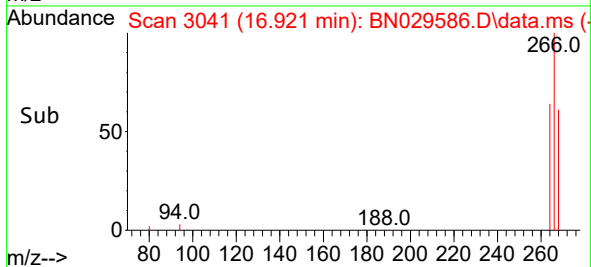
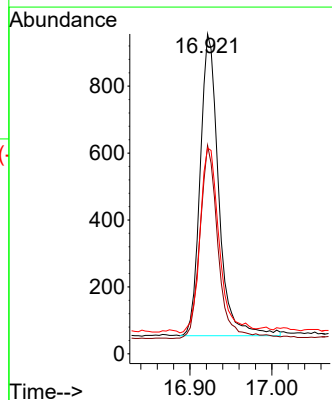
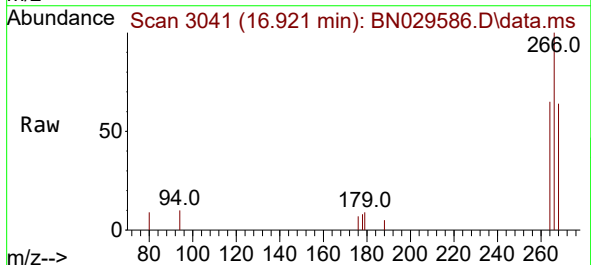
Instrument :
BNA_N
ClientSampleId :
SSTD0.4339

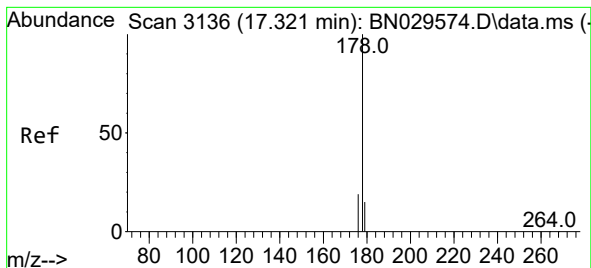
Tgt Ion:166 Resp: 9823
Ion Ratio Lower Upper
166 100
165 98.8 78.6 117.8
167 13.9 11.5 17.3



#14
Pentachlorophenol
Concen: 0.483 ng/ul
RT: 16.921 min Scan# 3041
Delta R.T. -0.008 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

Tgt Ion:266 Resp: 1415
Ion Ratio Lower Upper
266 100
264 62.8 0.0 0.0#
268 63.7 0.2 0.2#





#15

Phenanthrene

Concen: 0.356 ng/ul

RT: 17.318 min Scan# 3136

Delta R.T. -0.008 min

Lab File: BN029586.D

Acq: 08 Feb 2024 20:47

Instrument :

BNA_N

ClientSampleId :

SSTD0.4339

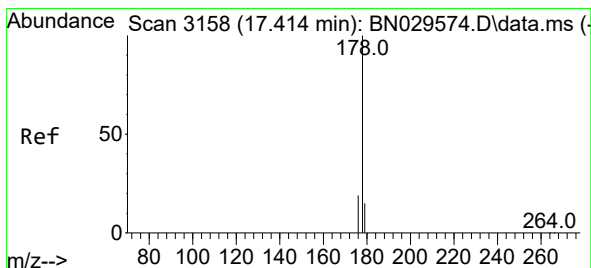
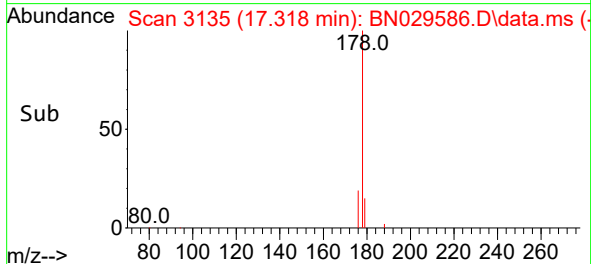
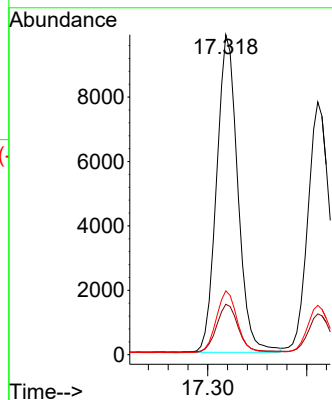
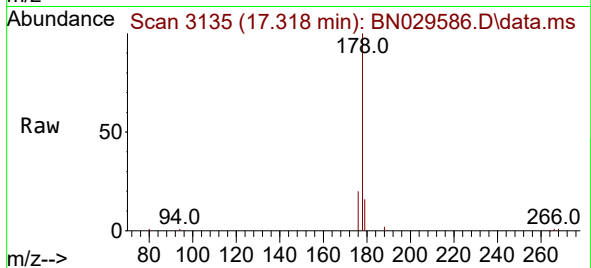
Tgt Ion:178 Resp: 14598

Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 20.0 15.7 23.5



#16

Anthracene

Concen: 0.364 ng/ul

RT: 17.411 min Scan# 3157

Delta R.T. -0.004 min

Lab File: BN029586.D

Acq: 08 Feb 2024 20:47

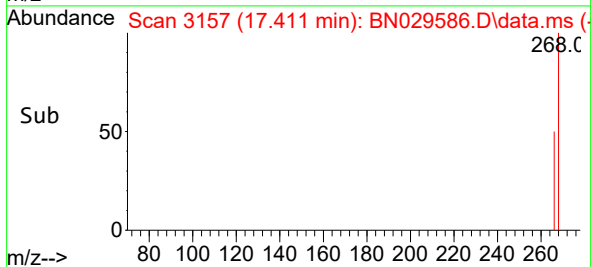
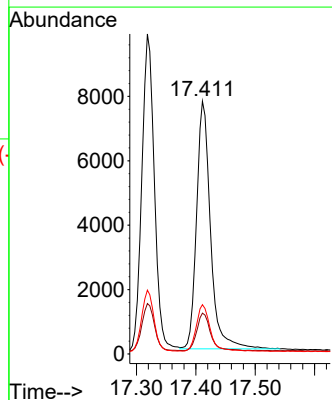
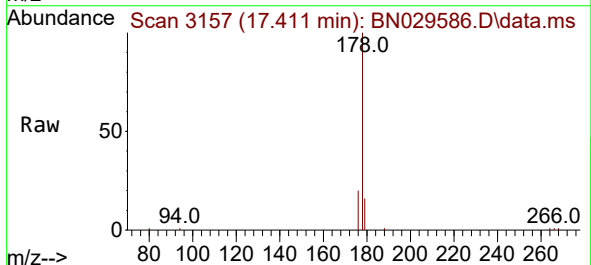
Tgt Ion:178 Resp: 12578

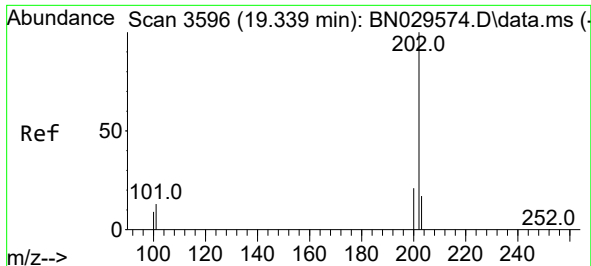
Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 19.5 15.8 23.8

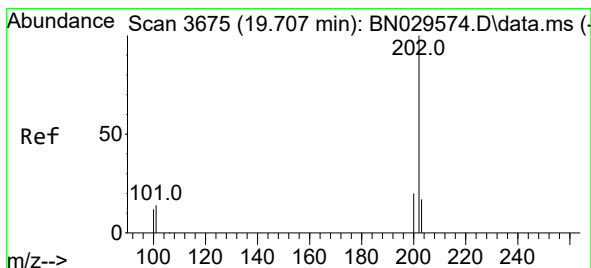
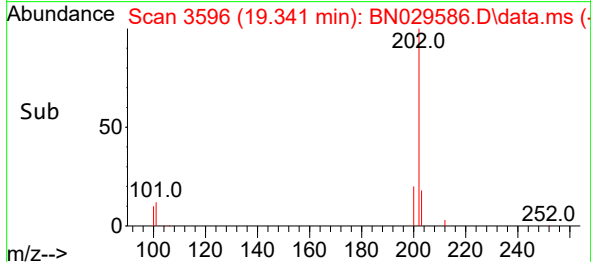
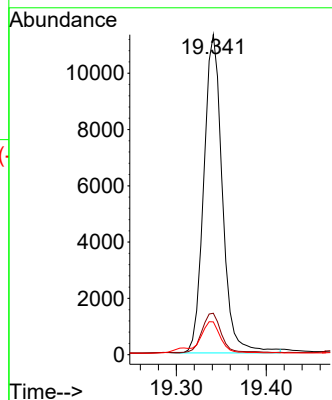
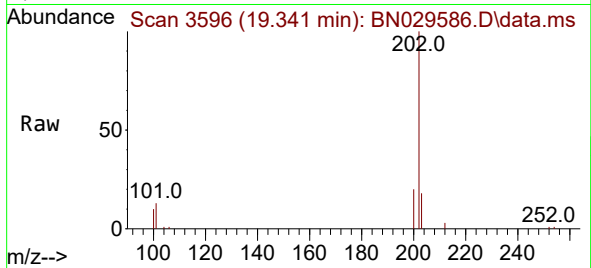




#19
Fluoranthene
Concen: 0.279 ng/ul
RT: 19.341 min Scan# 3596
Delta R.T. -0.005 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

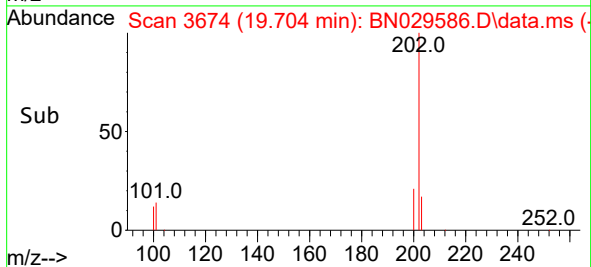
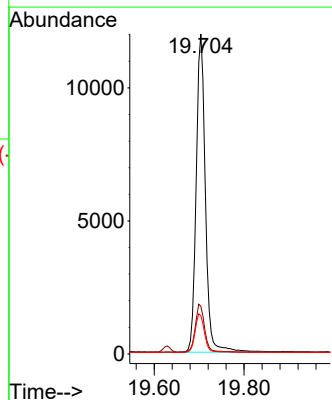
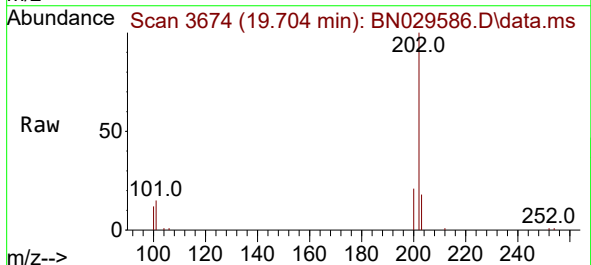
Instrument :
BNA_N
ClientSampleId :
SSTD0.4339

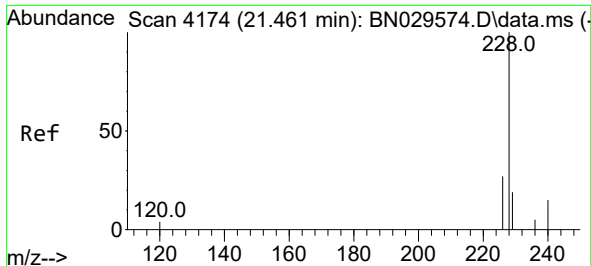
Tgt Ion:202 Resp: 16292
Ion Ratio Lower Upper
202 100
101 13.0 10.4 15.6
100 10.3 8.5 12.7



#20
Pyrene
Concen: 0.285 ng/ul
RT: 19.704 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

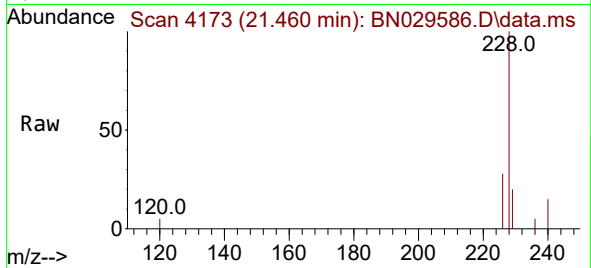
Tgt Ion:202 Resp: 17085
Ion Ratio Lower Upper
202 100
101 14.9 12.5 18.7
100 12.0 10.0 15.0



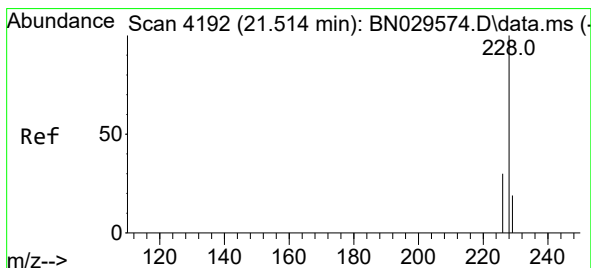
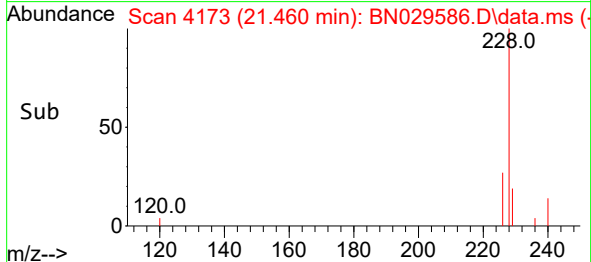
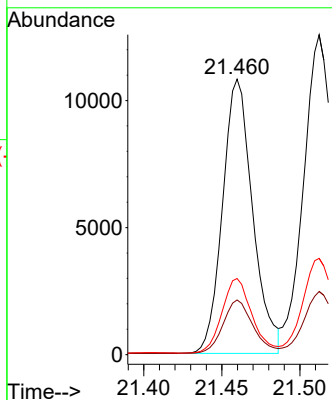


#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.460 min Scan# 4174
Delta R.T. -0.007 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.4339

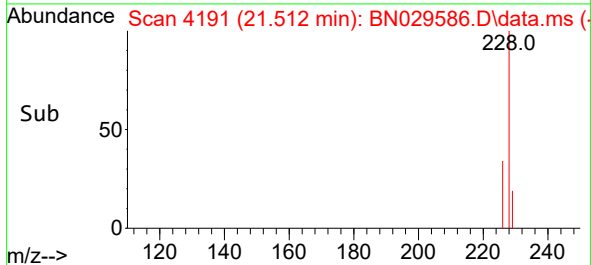
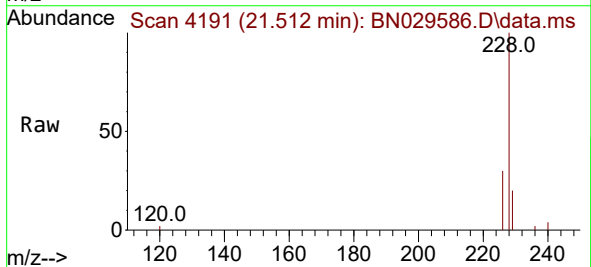
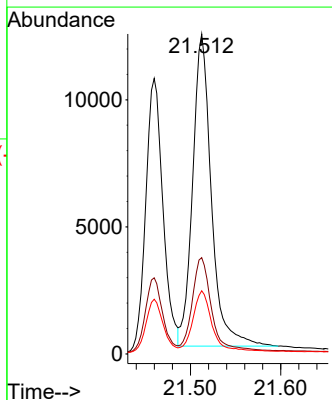


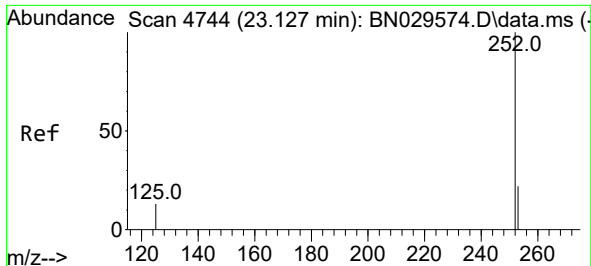
Tgt Ion:228 Resp: 14491
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.7 22.2 33.4



#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.512 min Scan# 4191
Delta R.T. -0.007 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

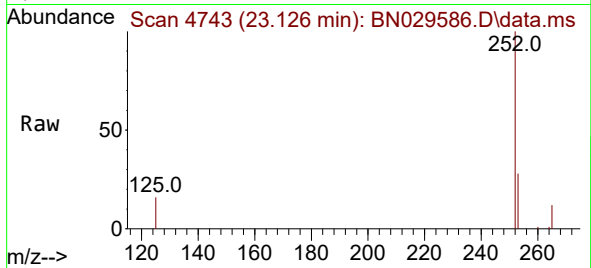
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Ion Ratio Lower Upper
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226 30.1 24.2 36.2
229 19.7 15.7 23.5



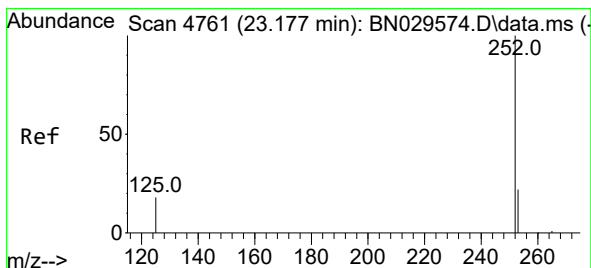
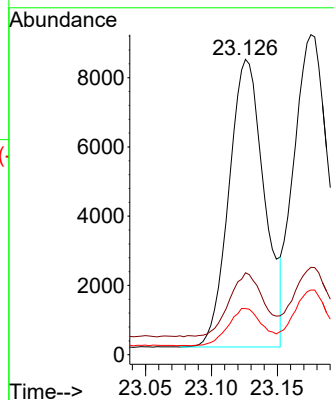


#24
Benzo(b)fluoranthene
Concen: 0.310 ng/ul
RT: 23.126 min Scan# 4743
Delta R.T. -0.010 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.4339

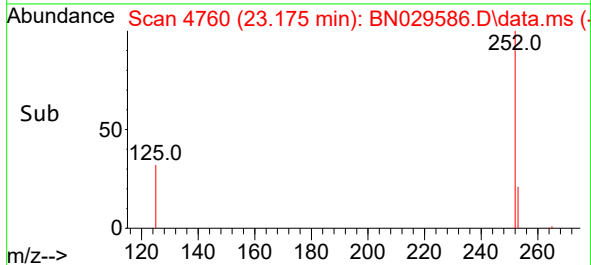
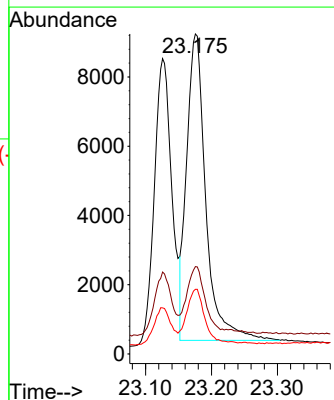
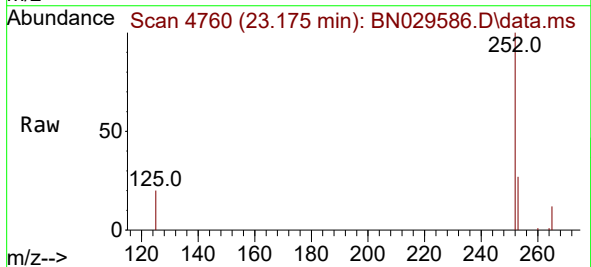


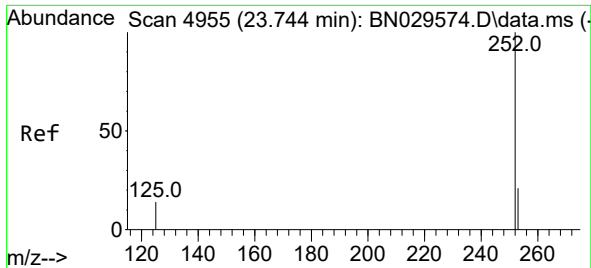
Tgt Ion:252 Resp: 15505
Ion Ratio Lower Upper
252 100
253 27.7 0.0 56.8
125 15.6 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.322 ng/ul
RT: 23.175 min Scan# 4760
Delta R.T. -0.010 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

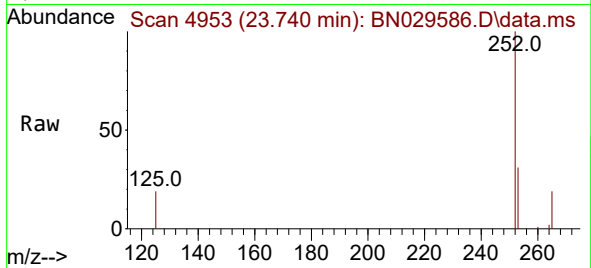
Tgt Ion:252 Resp: 17896
Ion Ratio Lower Upper
252 100
253 27.3 22.6 33.8
125 20.2 15.3 22.9



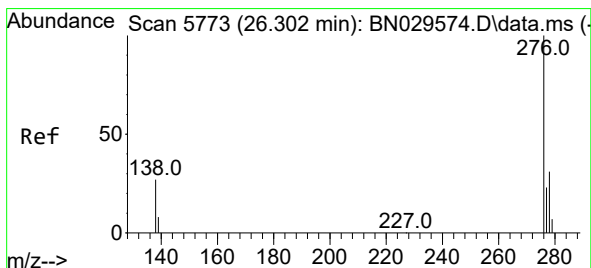
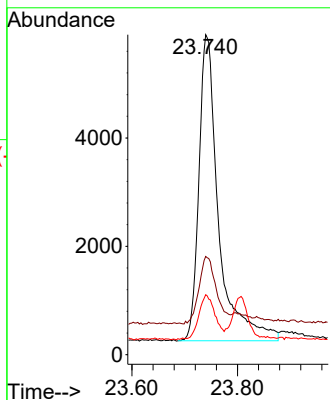
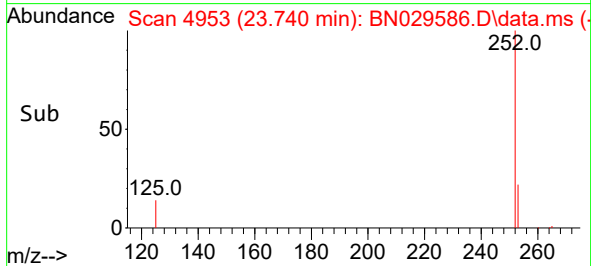


#26
Benzo(a)pyrene
Concen: 0.310 ng/ul
RT: 23.740 min Scan# 4955
Delta R.T. -0.013 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.4339

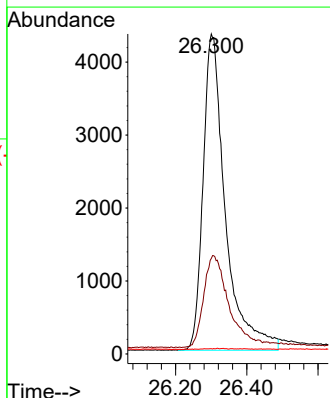
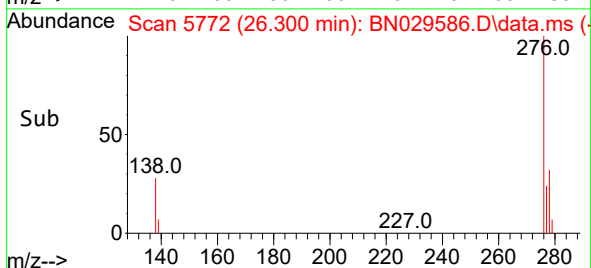
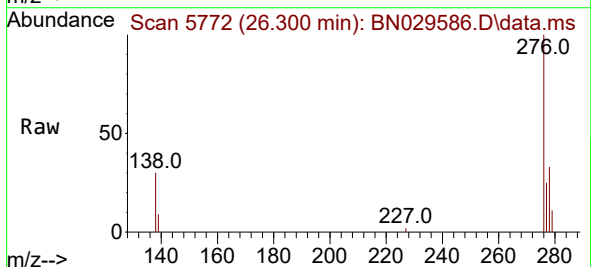


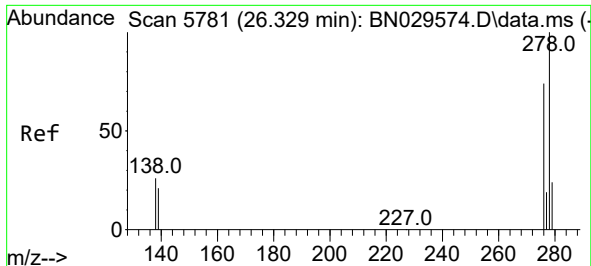
Tgt Ion:252 Resp: 14606
Ion Ratio Lower Upper
252 100
253 30.7 25.4 38.0
125 18.8 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.330 ng/ul
RT: 26.300 min Scan# 5772
Delta R.T. -0.018 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

Tgt Ion:276 Resp: 18845
Ion Ratio Lower Upper
276 100
138 33.8 0.0 0.0#
227 0.1 0.0 0.0#

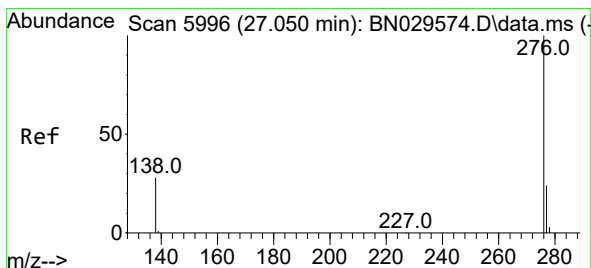
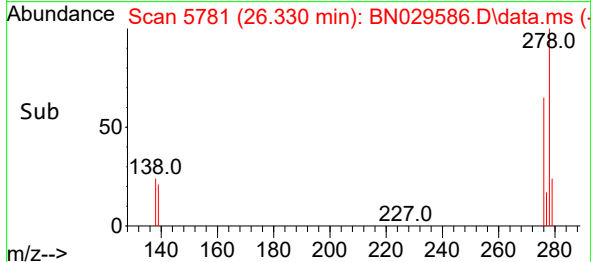
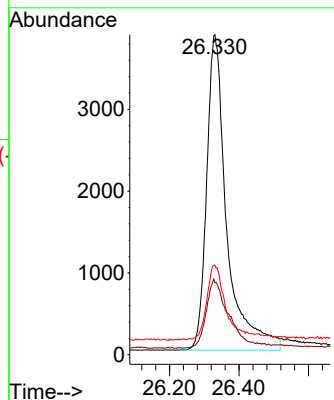
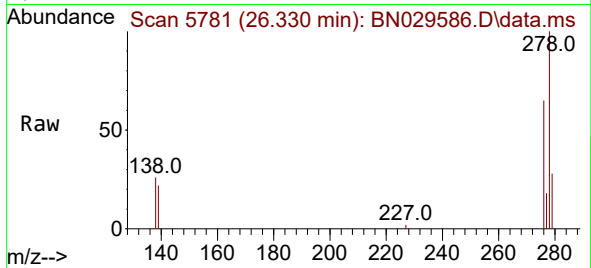




#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 26.330 min Scan# 51
Delta R.T. -0.018 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.4339

Tgt Ion:278 Resp: 15522
Ion Ratio Lower Upper
278 100
139 22.5 19.0 28.4
279 28.0 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 27.052 min Scan# 5996
Delta R.T. -0.012 min
Lab File: BN029586.D
Acq: 08 Feb 2024 20:47

Tgt Ion:276 Resp: 17264
Ion Ratio Lower Upper
276 100
138 28.5 24.6 37.0
277 25.1 19.7 29.5

