

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030261.D
 Acq On : 04 Mar 2024 18:10
 Operator : MA/JU
 Sample : P1512-09DL 5X
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0SC0DL

Quant Time: Mar 04 22:47:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 05:54:20 2024
 Response via : Initial Calibration

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

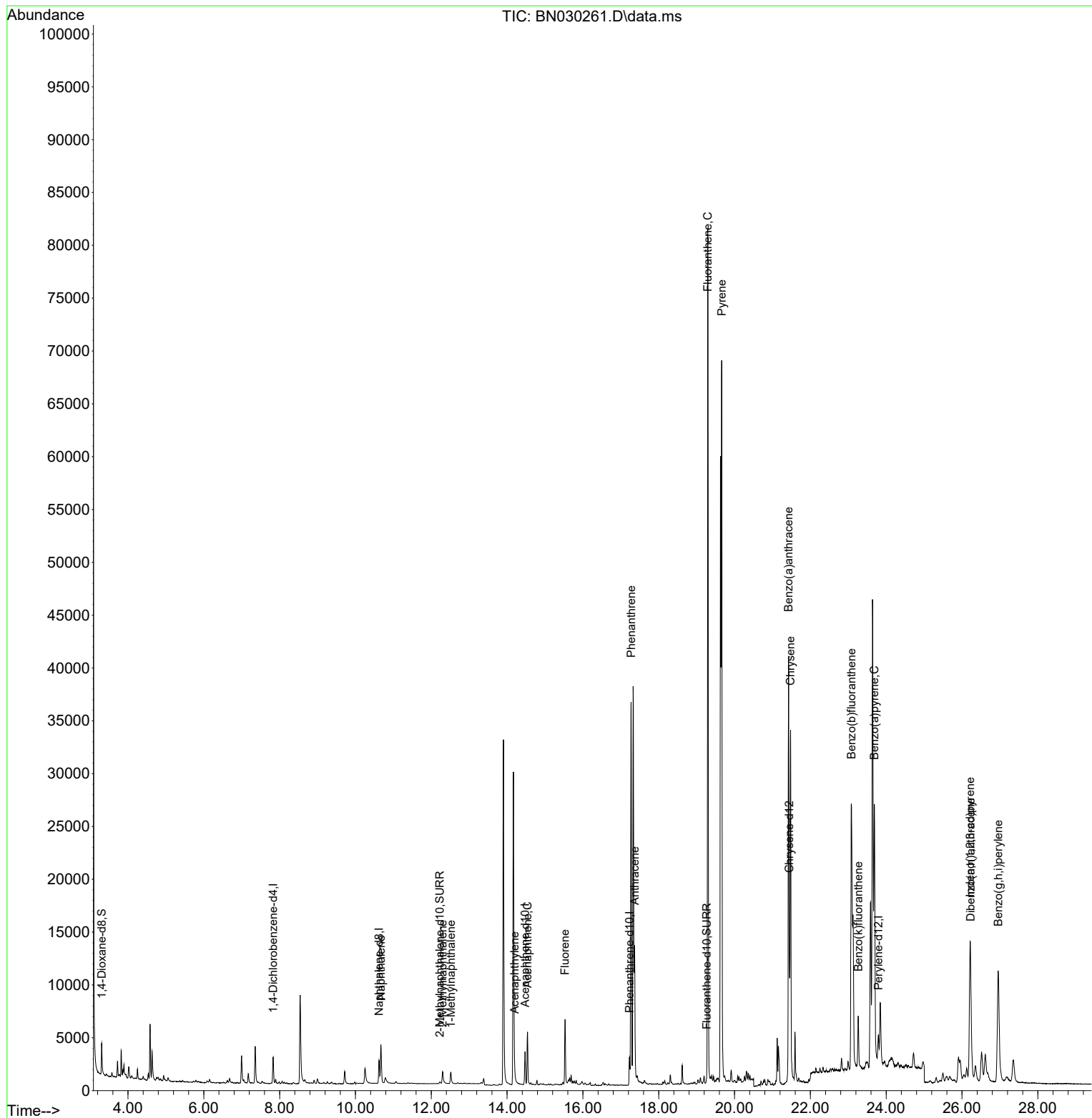
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	1391	0.400	ng/ul	0.00
4) Naphthalene-d8	10.621	136	3485	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	1729	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	3424	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.439	240	3272	0.400	ng/ul	# 0.00
23) Perylene-d12	23.795	264	3641	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	2159	1.121	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	311	0.069	ng/ul	0.00
18) Fluoranthene-d10	19.266	212	653	0.061	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.671	128	5752	0.559	ng/ul	98
7) 2-Methylnaphthalene	12.299	142	1061	0.190	ng/ul	98
8) 1-Methylnaphthalene	12.519	142	932	0.158	ng/ul	99
10) Acenaphthylene	14.195	152	996	0.103	ng/ul#	79
11) Acenaphthene	14.538	153	2995	0.422	ng/ul	97
12) Fluorene	15.528	166	4291	0.594	ng/ul	98
15) Phenanthrene	17.271	178	40802	3.555	ng/ul	97
16) Anthracene	17.364	178	14003	1.386	ng/ul	94
19) Fluoranthene	19.294	202	72644	4.998	ng/ul#	94
20) Pyrene	19.661	202	63047	3.990	ng/ul#	91
21) Benzo(a)anthracene	21.424	228	38497	3.329	ng/ul	98
22) Chrysene	21.477	228	32238	2.320	ng/ul	98
24) Benzo(b)fluoranthene	23.082	252	66202	4.715	ng/ul	84
25) Benzo(k)fluoranthene	23.263	252	4178	0.252	ng/ul	95
26) Benzo(a)pyrene	23.687	252	35606	2.491	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.216	276	24839	1.361	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.229	278	6076	0.430	ng/ul	94
29) Benzo(g,h,i)perylene	26.954	276	25186	1.487	ng/ul#	92

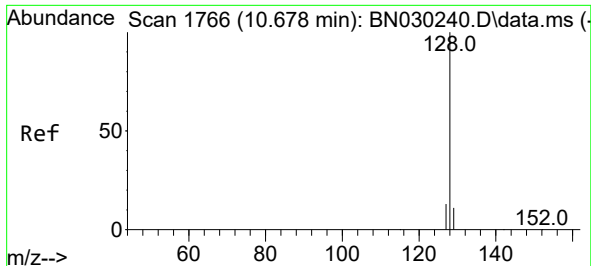
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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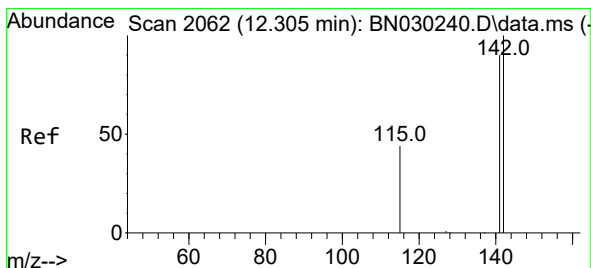
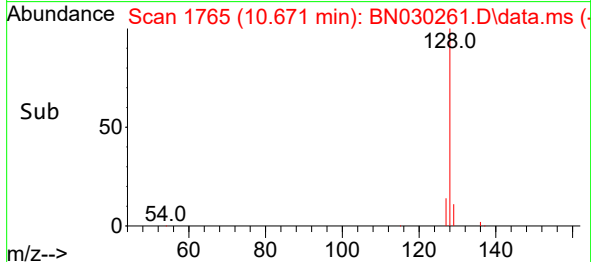
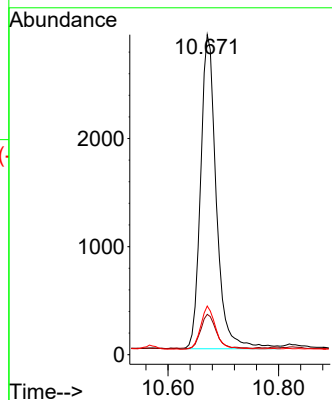
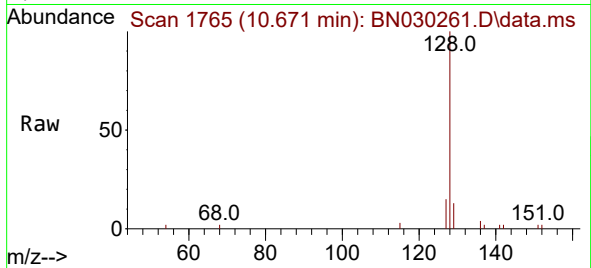




#5
Naphthalene
Concen: 0.559 ng/ul
RT: 10.671 min Scan# 1765
Delta R.T. -0.007 min
Lab File: BN030261.D
Acq: 04 Mar 2024 18:10

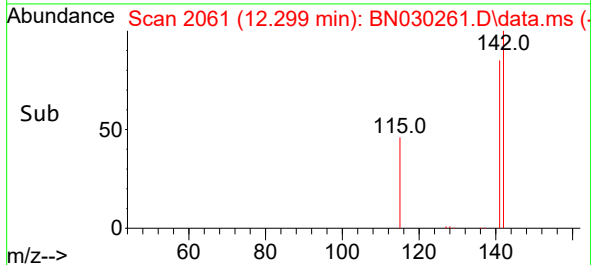
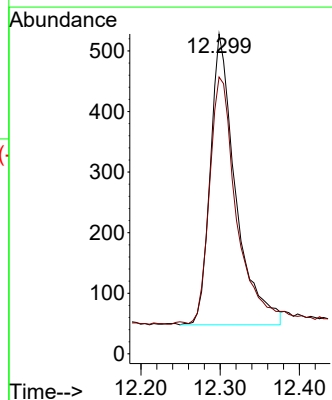
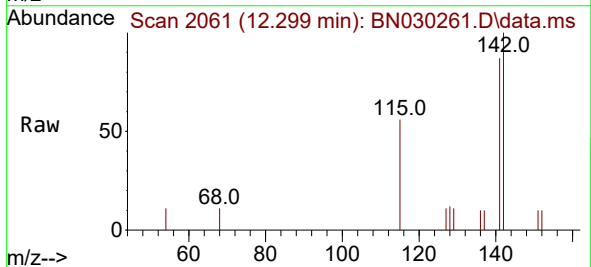
Instrument :
BNA_N
ClientSampleId :
E0SC0DL

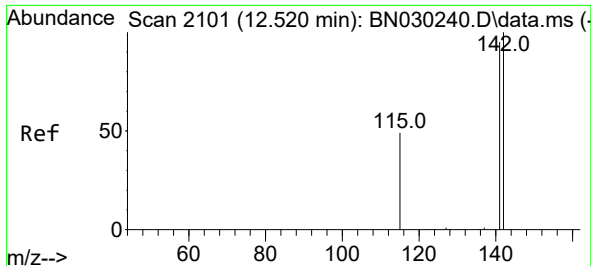
Tgt Ion:128 Resp: 5752
Ion Ratio Lower Upper
128 100
129 12.6 11.0 16.4
127 15.2 12.3 18.5



#7
2-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.007 min
Lab File: BN030261.D
Acq: 04 Mar 2024 18:10

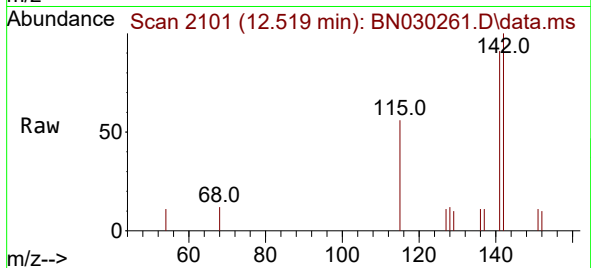
Tgt Ion:142 Resp: 1061
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2



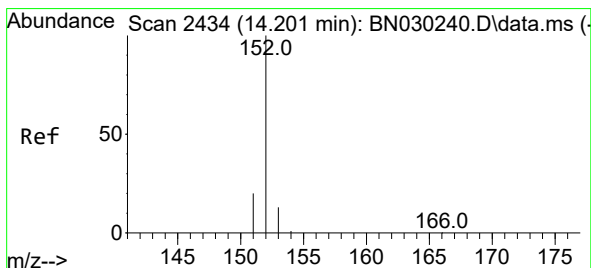
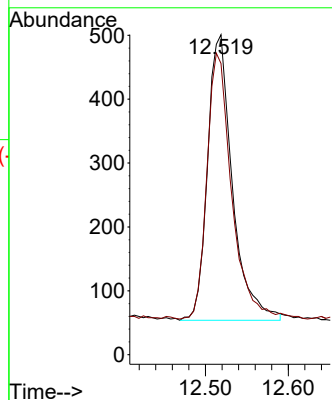
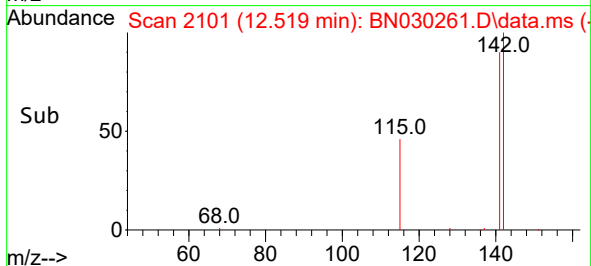


#8
1-Methylnaphthalene
Concen: 0.158 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.001 min
Lab File: BN030261.D
Acq: 04 Mar 2024 18:10

Instrument :
BNA_N
ClientSampleId :
E0SC0DL

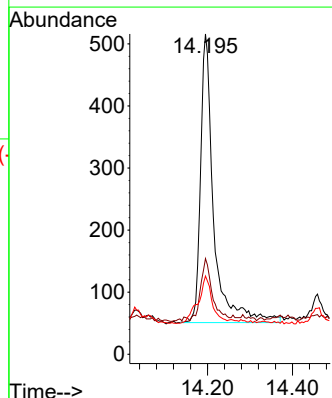
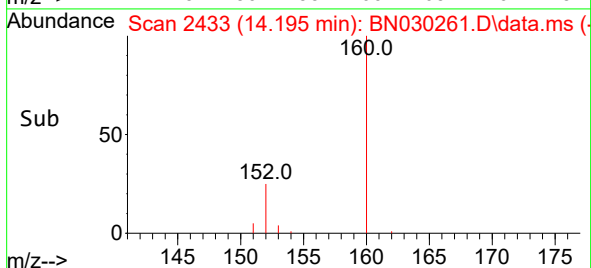
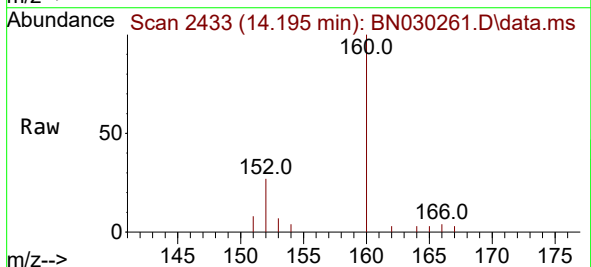


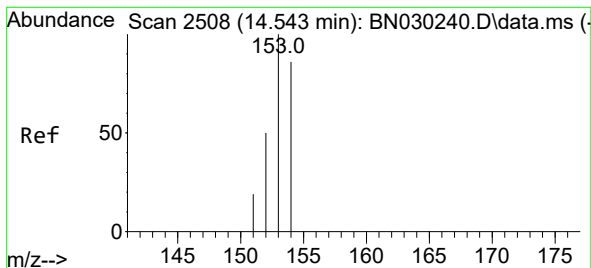
Tgt Ion:142 Resp: 932
Ion Ratio Lower Upper
142 100
141 91.8 74.2 111.2



#10
Acenaphthylene
Concen: 0.103 ng/ul
RT: 14.195 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BN030261.D
Acq: 04 Mar 2024 18:10

Tgt Ion:152 Resp: 996
Ion Ratio Lower Upper
152 100
151 29.8 16.9 25.3#
153 24.4 11.8 17.6#





#11

Acenaphthene

Concen: 0.422 ng/ul

RT: 14.538 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN030261.D

Acq: 04 Mar 2024 18:10

Instrument :

BNA_N

ClientSampleId :

E0SC0DL

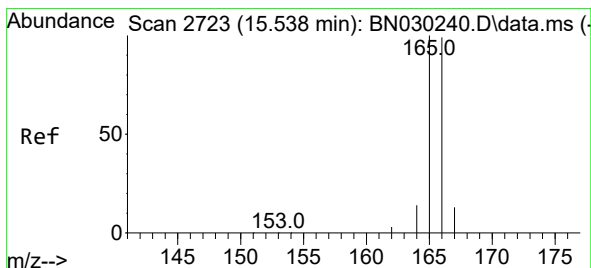
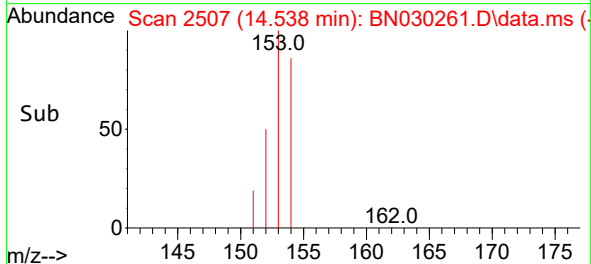
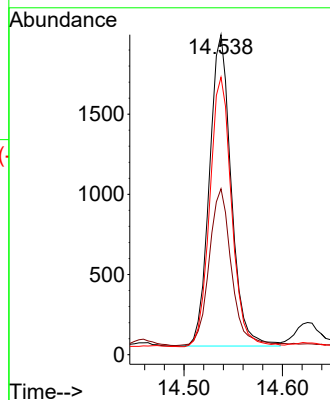
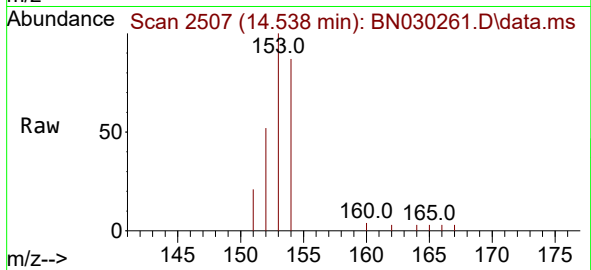
Tgt Ion:153 Resp: 2995

Ion Ratio Lower Upper

153 100

152 51.9 43.2 64.8

154 86.7 67.5 101.3



#12

Fluorene

Concen: 0.594 ng/ul

RT: 15.528 min Scan# 2721

Delta R.T. -0.011 min

Lab File: BN030261.D

Acq: 04 Mar 2024 18:10

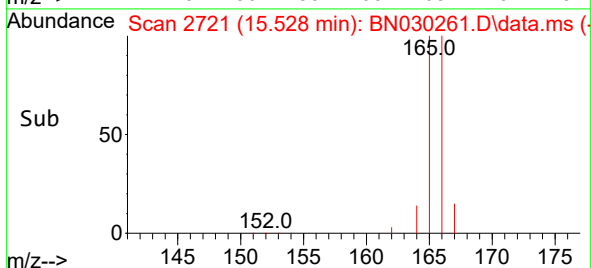
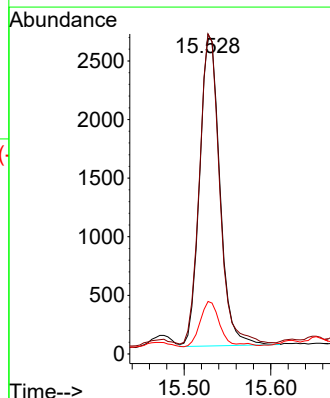
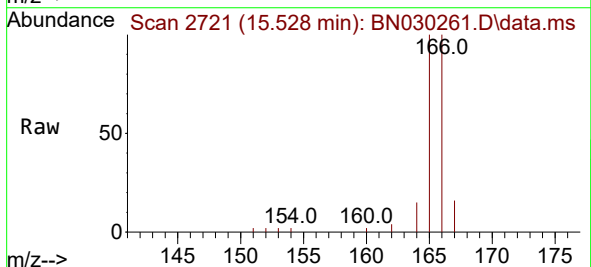
Tgt Ion:166 Resp: 4291

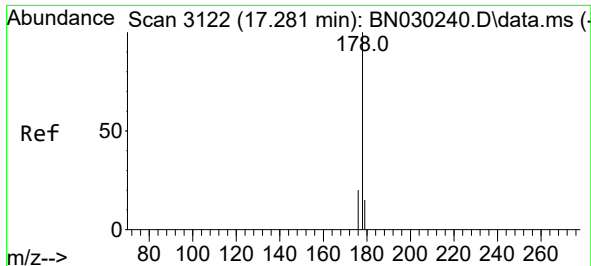
Ion Ratio Lower Upper

166 100

165 100.1 81.8 122.6

167 16.4 13.0 19.4

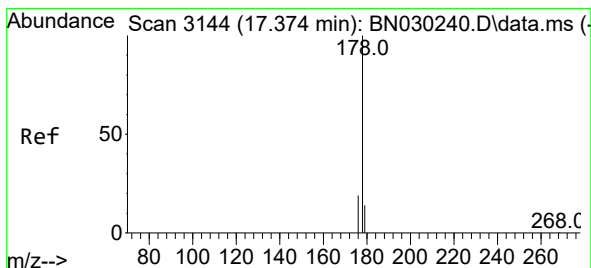
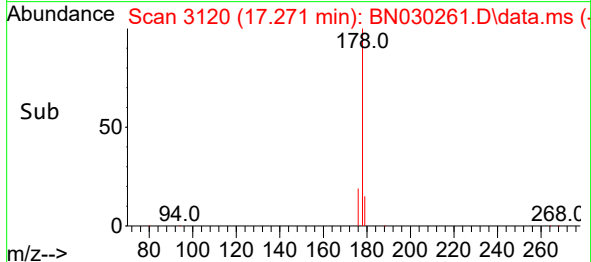
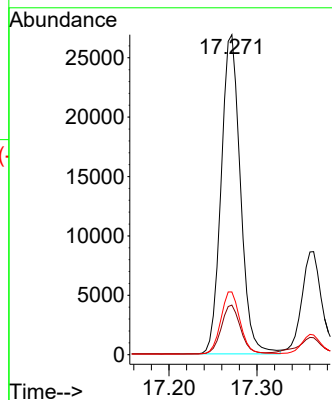
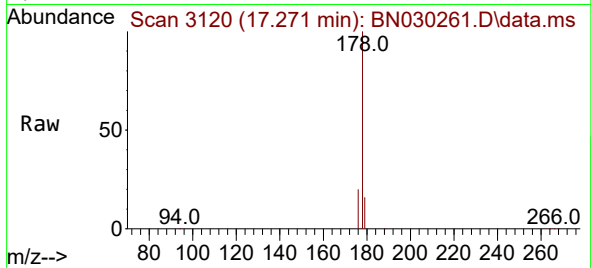




#15
Phenanthrene
Concen: 3.555 ng/ul
RT: 17.271 min Scan# 3120
Delta R.T. -0.009 min
Lab File: BN030261.D
Acq: 04 Mar 2024 18:10

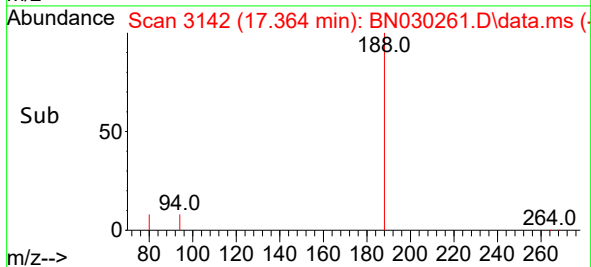
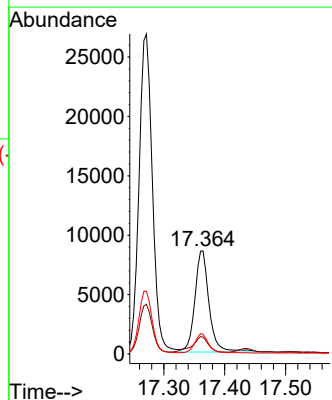
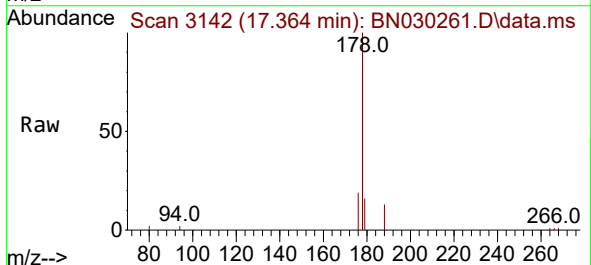
Instrument :
BNA_N
ClientSampleId :
E0SC0DL

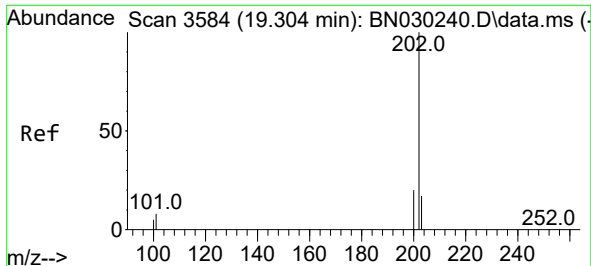
Tgt Ion:178 Resp: 40802
Ion Ratio Lower Upper
178 100
179 15.5 13.8 20.8
176 19.6 16.6 25.0



#16
Anthracene
Concen: 1.386 ng/ul
RT: 17.364 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BN030261.D
Acq: 04 Mar 2024 18:10

Tgt Ion:178 Resp: 14003
Ion Ratio Lower Upper
178 100
179 16.4 14.8 22.2
176 19.2 17.8 26.6

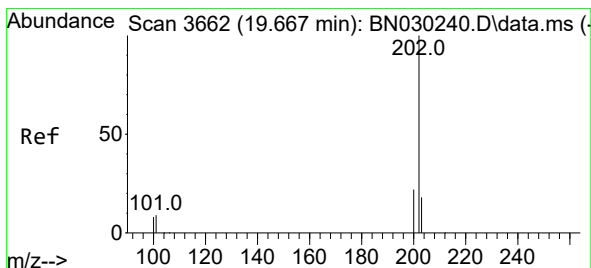
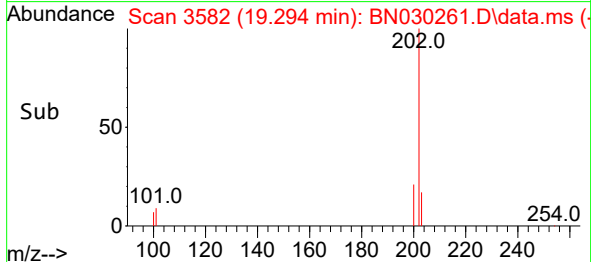
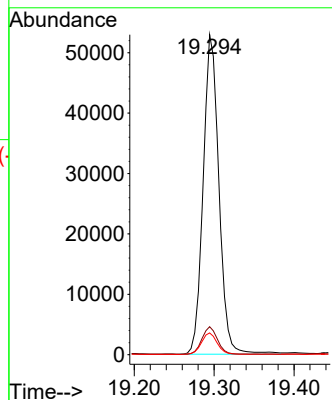
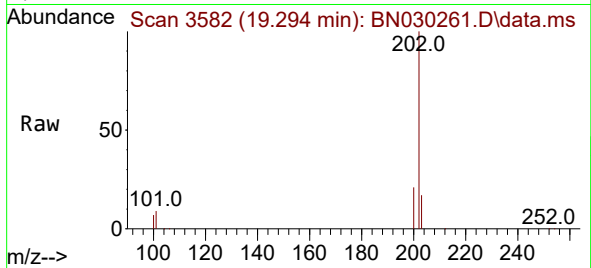




#19
Fluoranthene
Concen: 4.998 ng/ul
RT: 19.294 min Scan# 3582
Delta R.T. -0.010 min
Lab File: BN030261.D
Acq: 04 Mar 2024 18:10

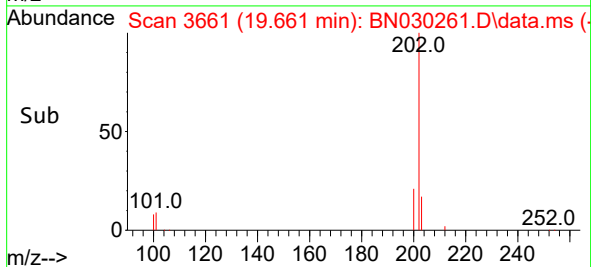
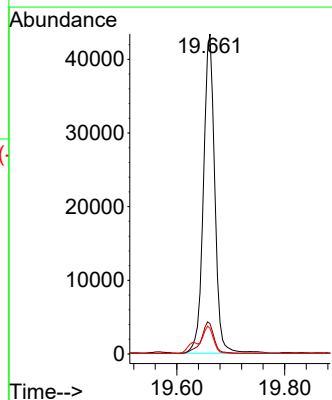
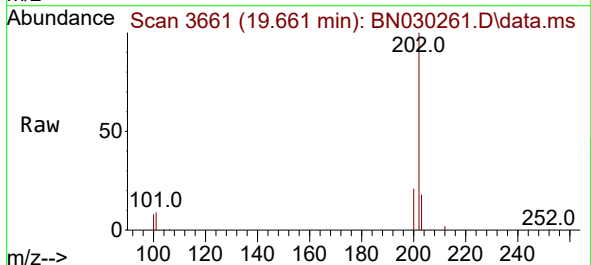
Instrument :
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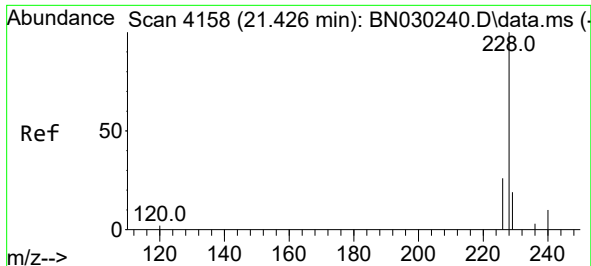
Tgt Ion:202 Resp: 72644
Ion Ratio Lower Upper
202 100
101 8.7 8.8 13.2#
100 6.8 7.4 11.2#



#20
Pyrene
Concen: 3.990 ng/ul
RT: 19.661 min Scan# 3661
Delta R.T. -0.006 min
Lab File: BN030261.D
Acq: 04 Mar 2024 18:10

Tgt Ion:202 Resp: 63047
Ion Ratio Lower Upper
202 100
101 9.5 10.6 15.8#
100 8.0 8.8 13.2#

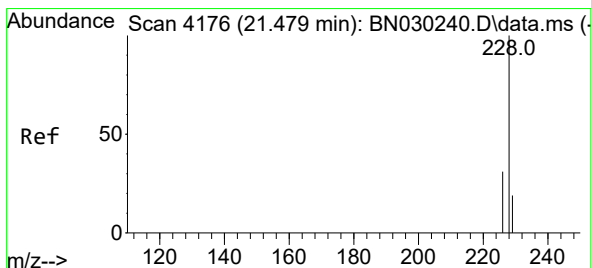
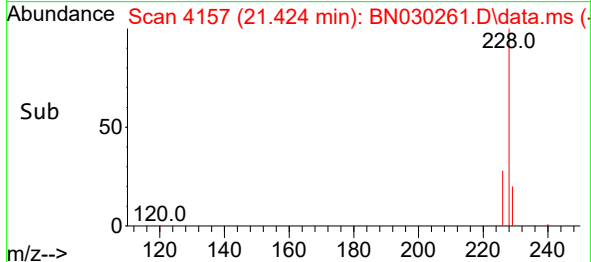
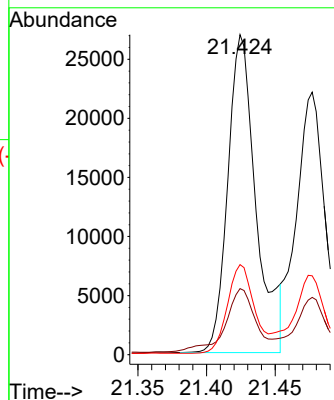
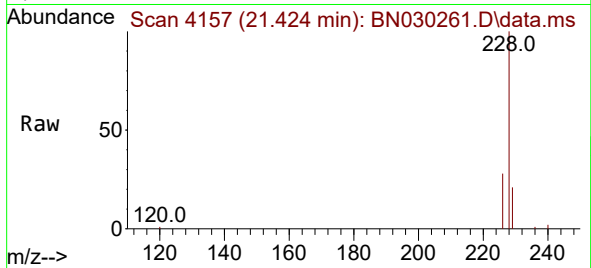




#21
Benzo(a)anthracene
Concen: 3.329 ng/ul
RT: 21.424 min Scan# 4158
Delta R.T. -0.002 min
Lab File: BN030261.D
Acq: 04 Mar 2024 18:10

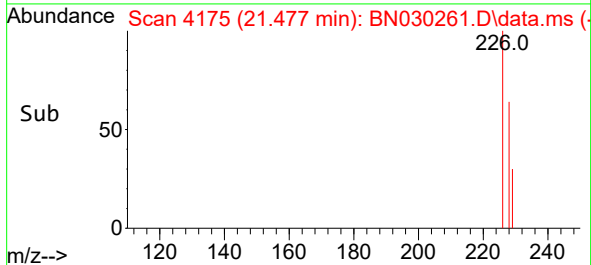
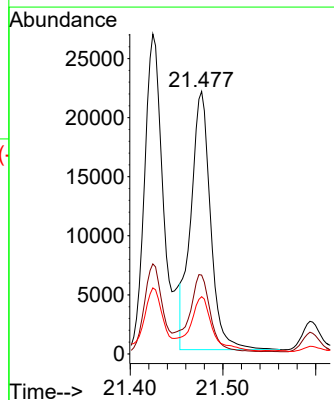
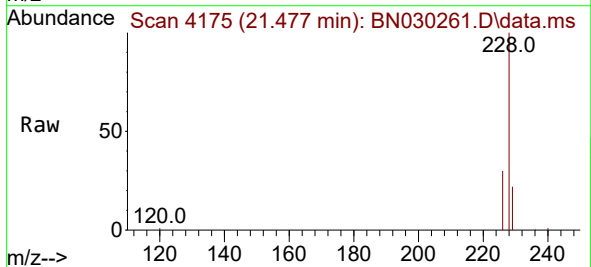
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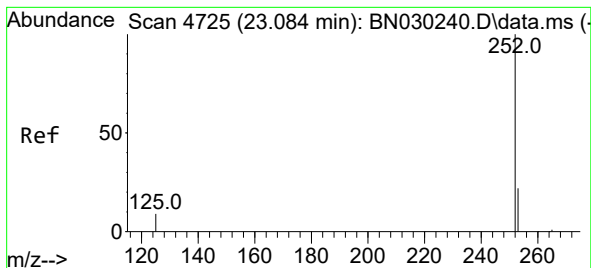
Tgt Ion:228 Resp: 38497
Ion Ratio Lower Upper
228 100
229 20.7 16.6 24.8
226 28.2 23.7 35.5



#22
Chrysene
Concen: 2.320 ng/ul
RT: 21.477 min Scan# 4175
Delta R.T. -0.002 min
Lab File: BN030261.D
Acq: 04 Mar 2024 18:10

Tgt Ion:228 Resp: 32238
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 21.8 16.6 24.8





#24

Benzo(b)fluoranthene

Concen: 4.715 ng/ul

RT: 23.082 min Scan# 41

Delta R.T. -0.002 min

Lab File: BN030261.D

Acq: 04 Mar 2024 18:10

Instrument :

BNA_N

ClientSampleId :

E0SC0DL

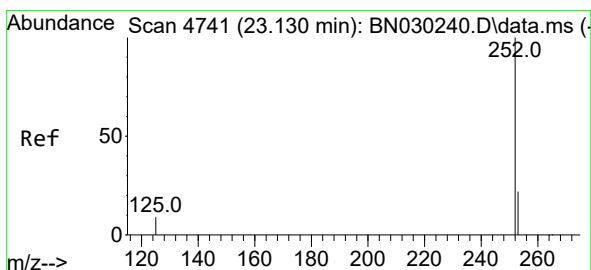
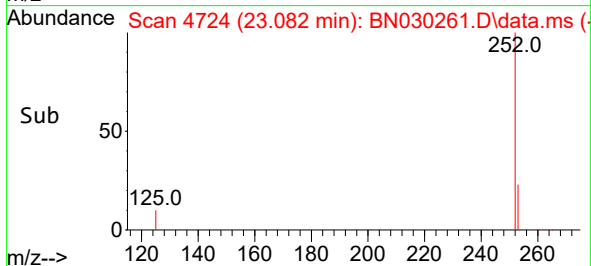
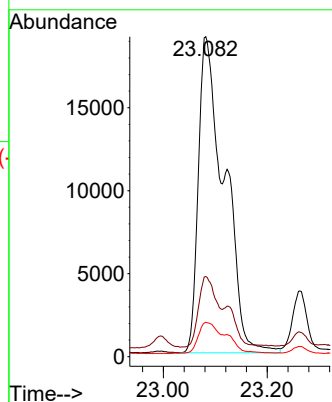
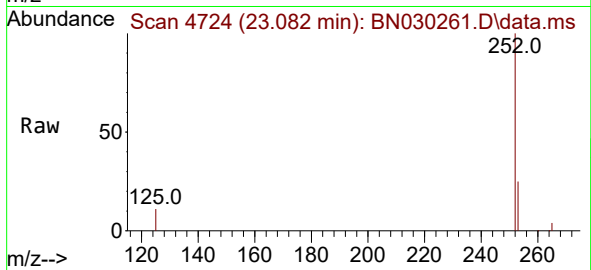
Tgt Ion:252 Resp: 66202

Ion Ratio Lower Upper

252 100

253 25.0 0.0 69.4

125 10.8 0.0 32.8



#25

Benzo(k)fluoranthene

Concen: 0.252 ng/ul

RT: 23.263 min Scan# 4786

Delta R.T. 0.132 min

Lab File: BN030261.D

Acq: 04 Mar 2024 18:10

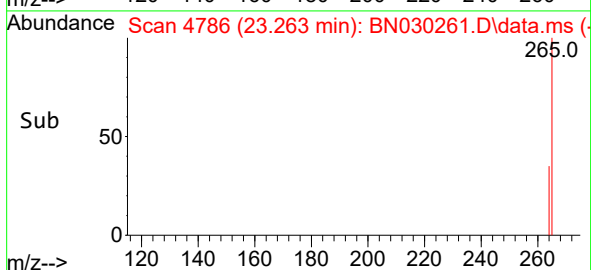
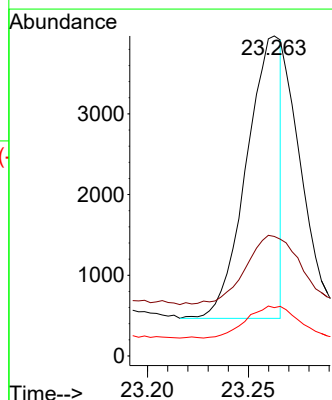
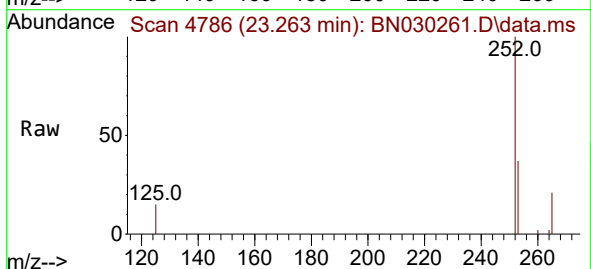
Tgt Ion:252 Resp: 4178

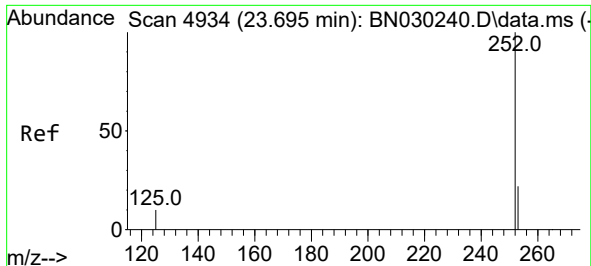
Ion Ratio Lower Upper

252 100

253 37.4 28.0 42.0

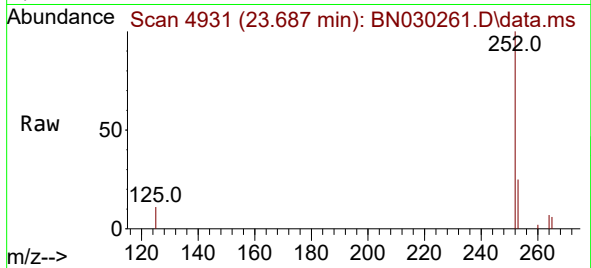
125 15.1 14.4 21.6



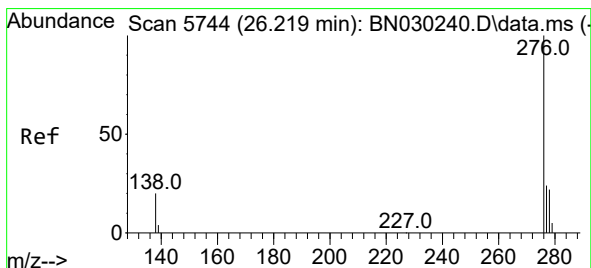
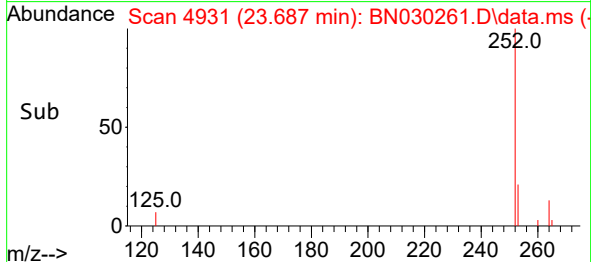
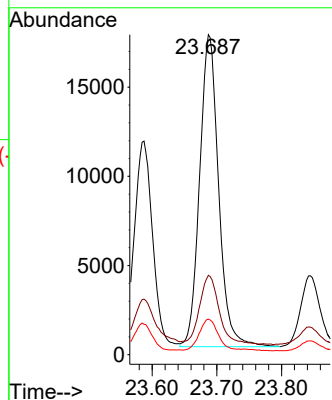


#26
Benzo(a)pyrene
Concen: 2.491 ng/ul
RT: 23.687 min Scan# 4931
Delta R.T. -0.008 min
Lab File: BN030261.D
Acq: 04 Mar 2024 18:10

Instrument :
BNA_N
ClientSampleId :
E0SC0DL

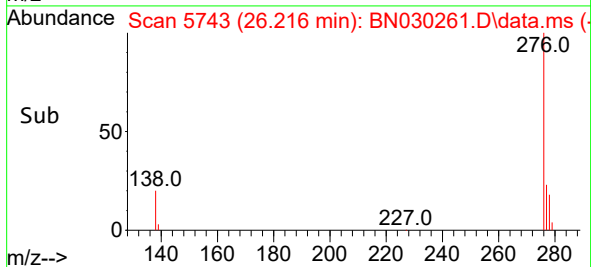
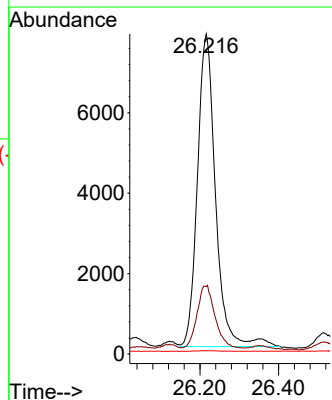
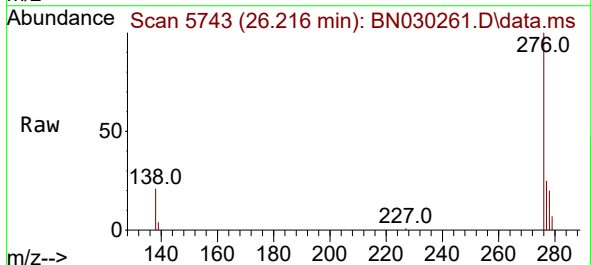


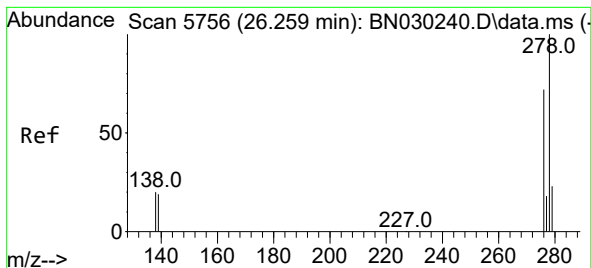
Tgt Ion:252 Resp: 35606
Ion Ratio Lower Upper
252 100
253 24.8 33.0 49.4#
125 11.1 16.9 25.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.361 ng/ul
RT: 26.216 min Scan# 5743
Delta R.T. -0.003 min
Lab File: BN030261.D
Acq: 04 Mar 2024 18:10

Tgt Ion:276 Resp: 24839
Ion Ratio Lower Upper
276 100
138 20.3 20.9 31.3#
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.430 ng/ul

RT: 26.229 min Scan# 51

Delta R.T. -0.029 min

Lab File: BN030261.D

Acq: 04 Mar 2024 18:10

Instrument :

BNA_N

ClientSampleId :

E0SC0DL

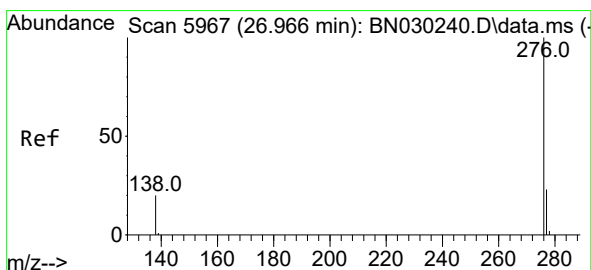
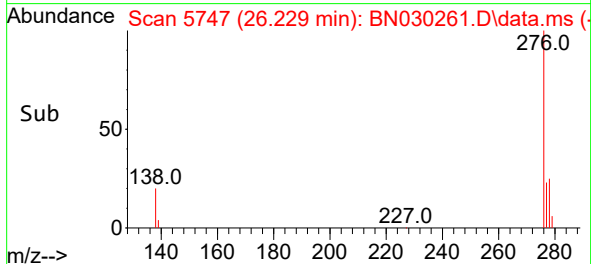
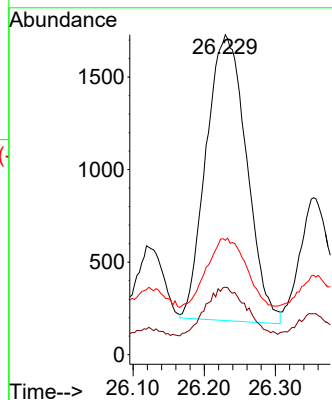
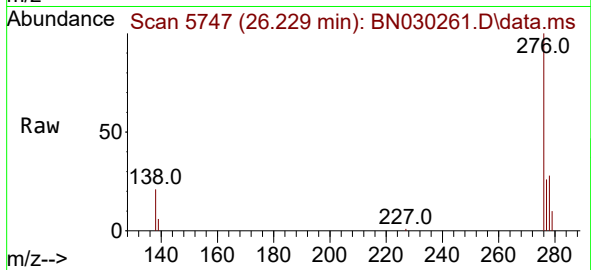
Tgt Ion:278 Resp: 6076

Ion Ratio Lower Upper

278 100

139 21.1 18.9 28.3

279 35.7 31.8 47.6



#29

Benzo(g,h,i)perylene

Concen: 1.487 ng/ul

RT: 26.954 min Scan# 5963

Delta R.T. -0.013 min

Lab File: BN030261.D

Acq: 04 Mar 2024 18:10

Tgt Ion:276 Resp: 25186

Ion Ratio Lower Upper

276 100

138 22.3 22.6 33.8#

277 24.6 21.9 32.9

