

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032650.D
 Acq On : 11 Jul 2024 23:46
 Operator : MA/JU
 Sample : P3035-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX4

Quant Time: Jul 12 01:57:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

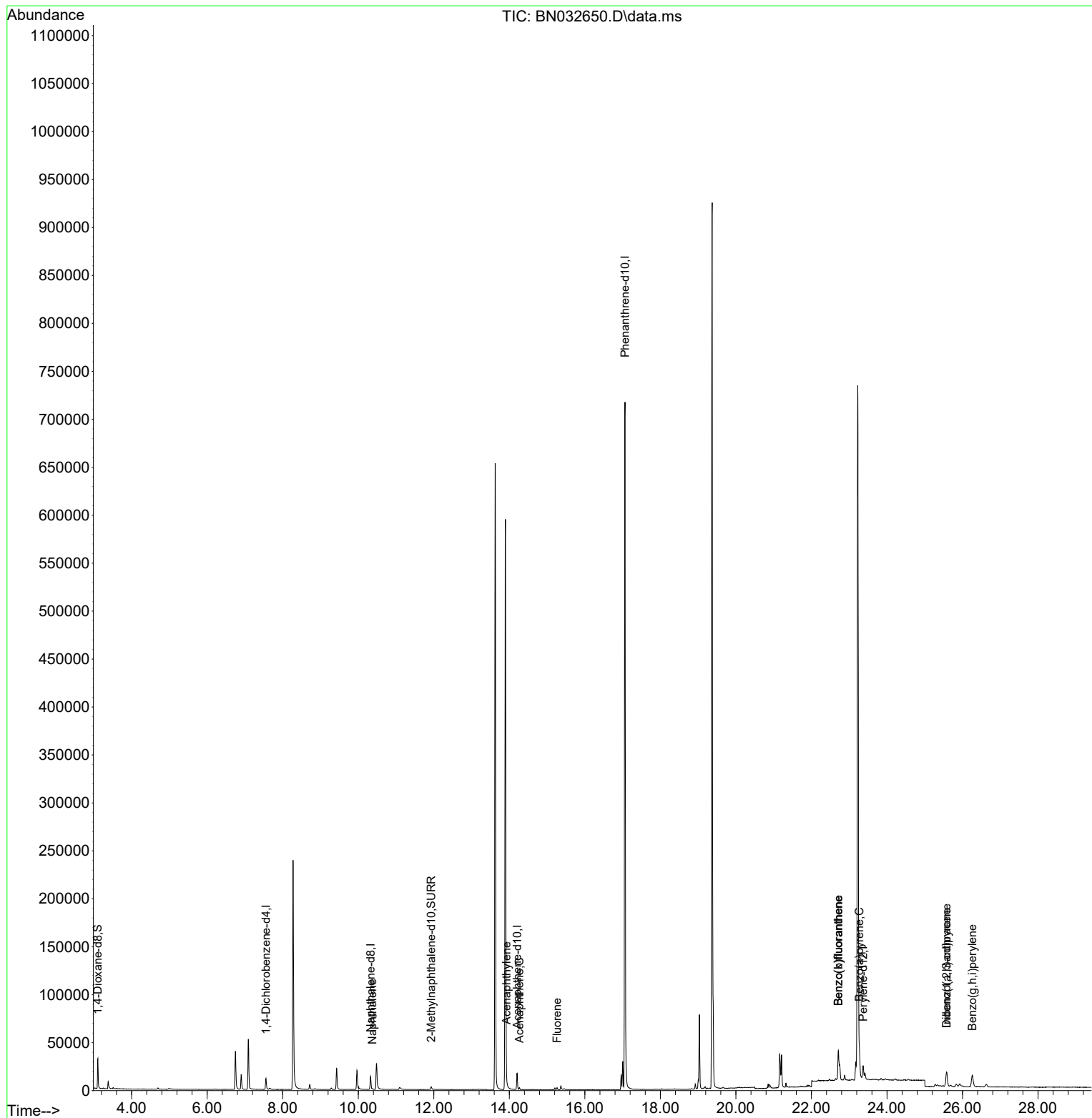
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	6730	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	19397	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	10101	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.062	188	872230	0.400	ng/ul	0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.19
23) Perylene-d12	23.368	264	23355	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	20418	2.527	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	5290	0.180	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	10610	0.000	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.376	128	1106	0.021	ng/ul#	76
10) Acenaphthylene	13.925	152	3655	0.090	ng/ul#	92
11) Acenaphthene	14.267	153	1325	0.039	ng/ul	98
12) Fluorene	15.266	166	1681	0.044	ng/ul#	97
24) Benzo(b)fluoranthene	22.710	252	66674	0.809	ng/ul	97
25) Benzo(k)fluoranthene	22.710	252	52751	0.525	ng/ul	97
26) Benzo(a)pyrene	23.269	252	33752	0.473	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.579	276	26756	0.277	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.579	278	5944	0.079	ng/ul#	35
29) Benzo(g,h,i)perylene	26.260	276	26584	0.329	ng/ul	94

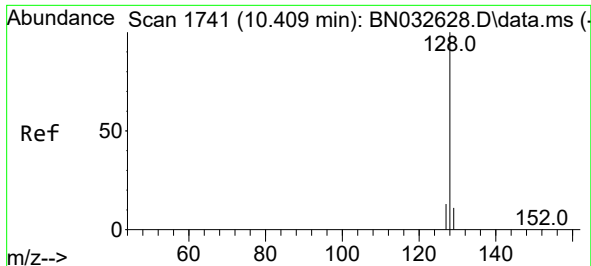
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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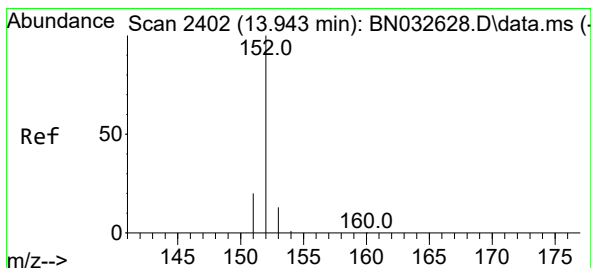
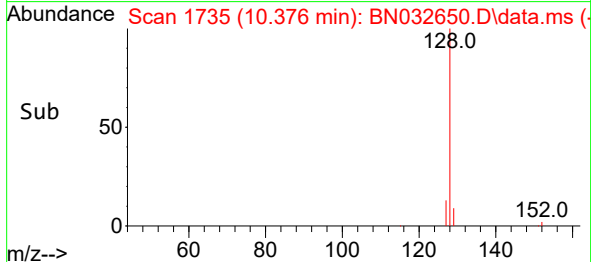
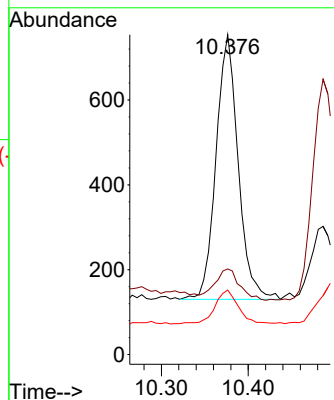
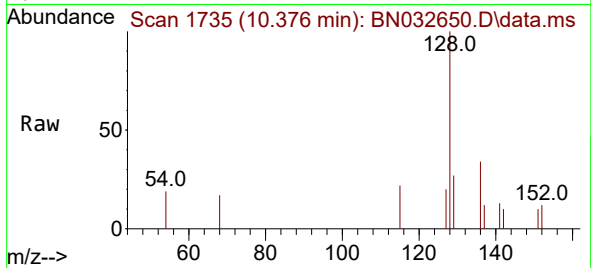




#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

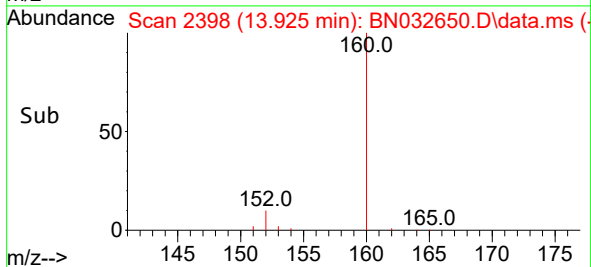
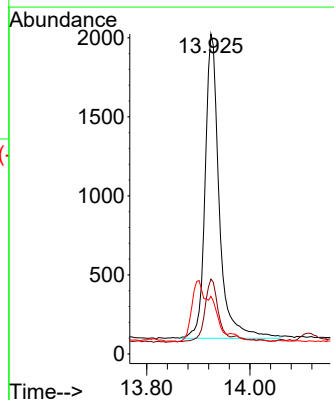
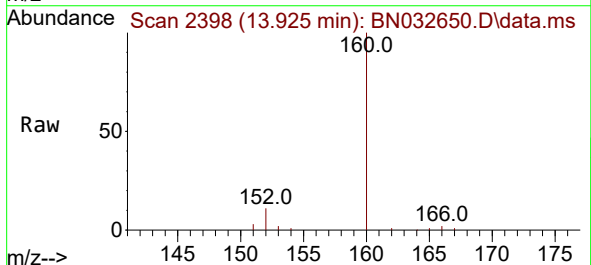
Instrument :
BNA_N
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A4CX4

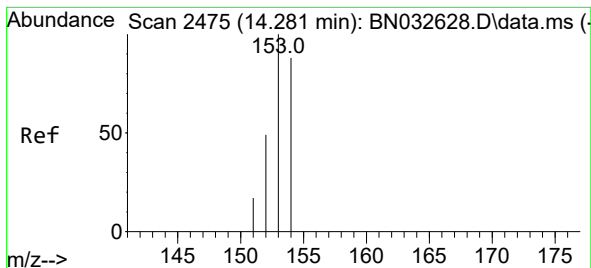
Tgt Ion:128 Resp: 1106
Ion Ratio Lower Upper
128 100
129 26.8 10.0 15.0#
127 20.2 11.6 17.4#



#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 13.925 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

Tgt Ion:152 Resp: 3655
Ion Ratio Lower Upper
152 100
151 23.4 16.3 24.5
153 18.0 11.3 16.9#





#11

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.267 min Scan# 2475

Delta R.T. -0.014 min

Lab File: BN032650.D

Acq: 11 Jul 2024 23:46

Instrument :

BNA_N

ClientSampleId :

A4CX4

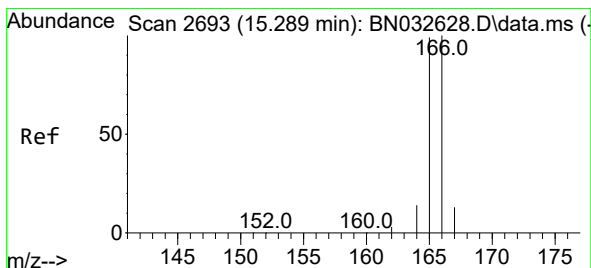
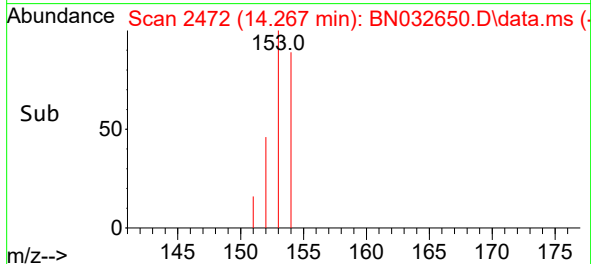
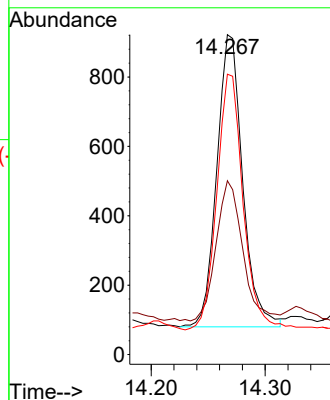
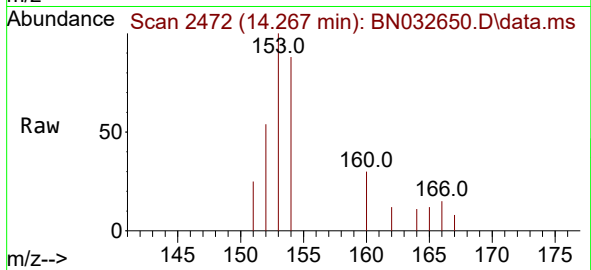
Tgt Ion:153 Resp: 1325

Ion Ratio Lower Upper

153 100

152 54.3 40.0 60.0

154 87.6 70.2 105.4



#12

Fluorene

Concen: 0.044 ng/ul

RT: 15.266 min Scan# 2688

Delta R.T. -0.023 min

Lab File: BN032650.D

Acq: 11 Jul 2024 23:46

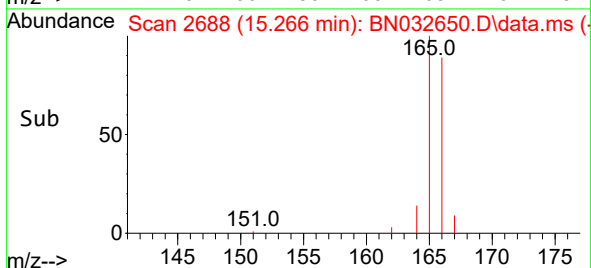
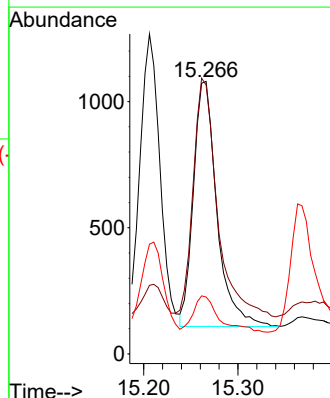
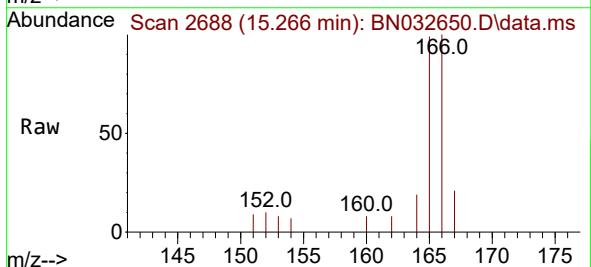
Tgt Ion:166 Resp: 1681

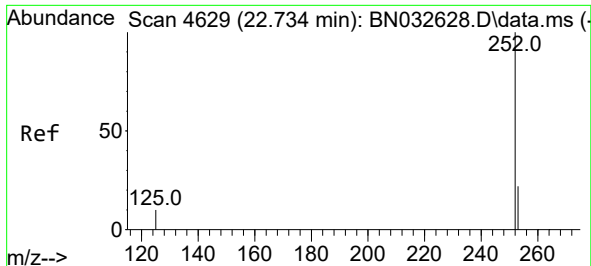
Ion Ratio Lower Upper

166 100

165 98.7 79.7 119.5

167 20.9 11.4 17.2#

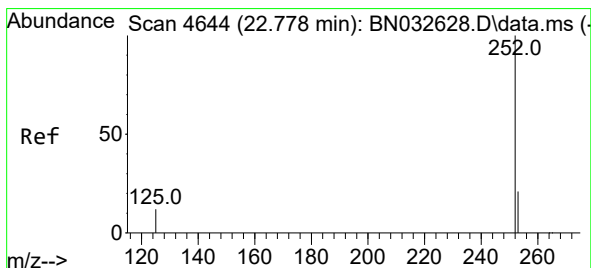
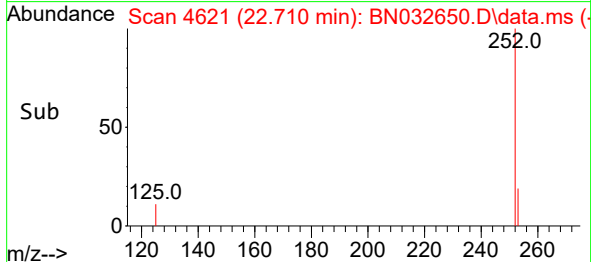
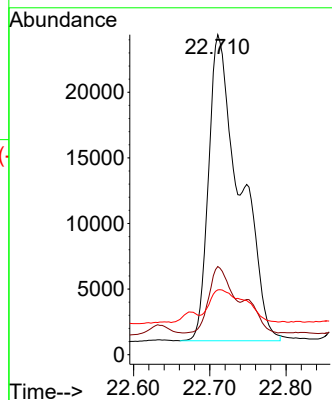
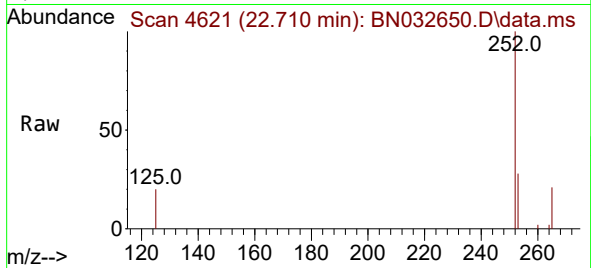




#24
Benzo(b)fluoranthene
Concen: 0.809 ng/ul
RT: 22.710 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

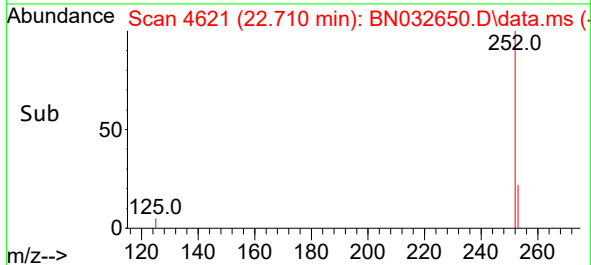
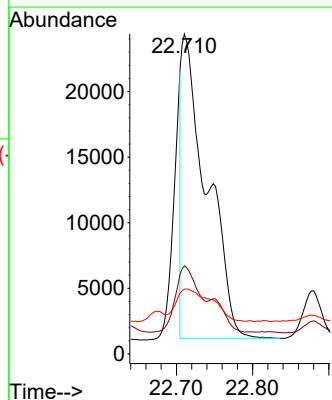
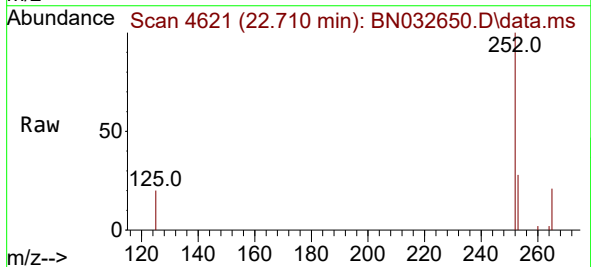
Instrument :
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ClientSampleId :
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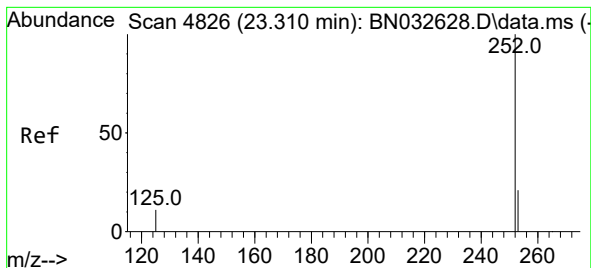
Tgt Ion:252 Resp: 66674
Ion Ratio Lower Upper
252 100
253 27.5 0.0 54.0
125 20.3 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.525 ng/ul
RT: 22.710 min Scan# 4621
Delta R.T. -0.067 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

Tgt Ion:252 Resp: 52751
Ion Ratio Lower Upper
252 100
253 27.5 21.2 31.8
125 20.3 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.473 ng/ul

RT: 23.269 min Scan# 4812

Delta R.T. -0.041 min

Lab File: BN032650.D

Acq: 11 Jul 2024 23:46

Instrument :

BNA_N

ClientSampleId :

A4CX4

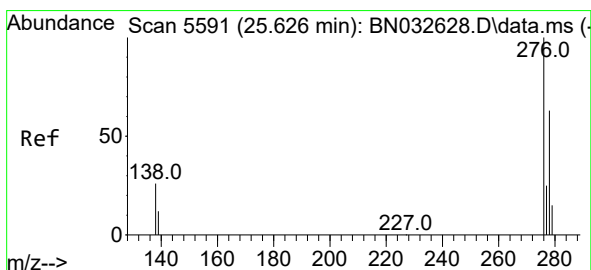
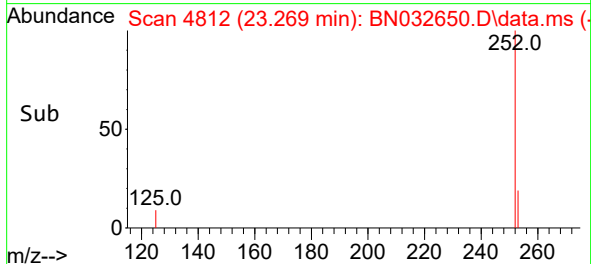
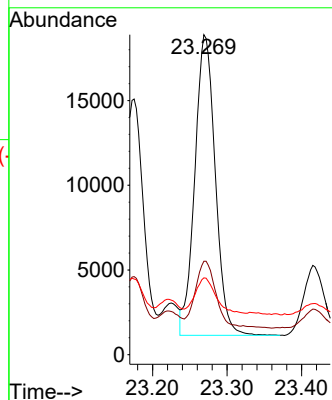
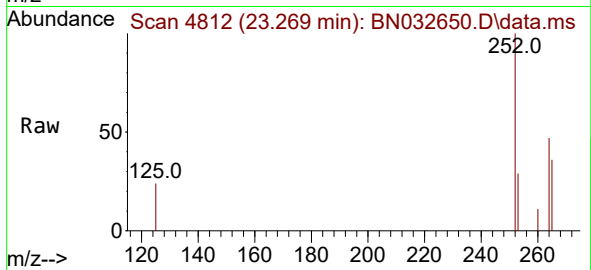
Tgt Ion:252 Resp: 33752

Ion Ratio Lower Upper

252 100

253 29.2 25.4 38.0

125 24.0 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.277 ng/ul

RT: 25.579 min Scan# 5577

Delta R.T. -0.047 min

Lab File: BN032650.D

Acq: 11 Jul 2024 23:46

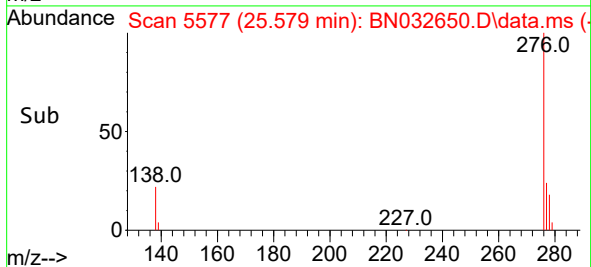
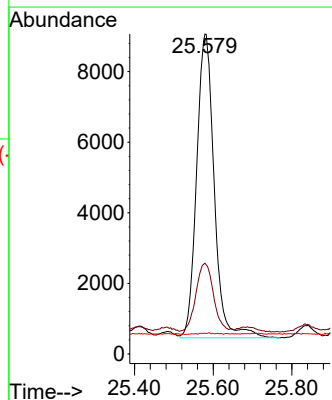
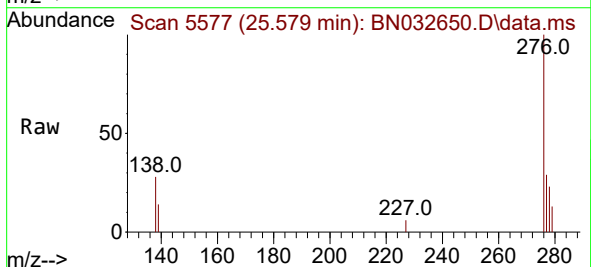
Tgt Ion:276 Resp: 26756

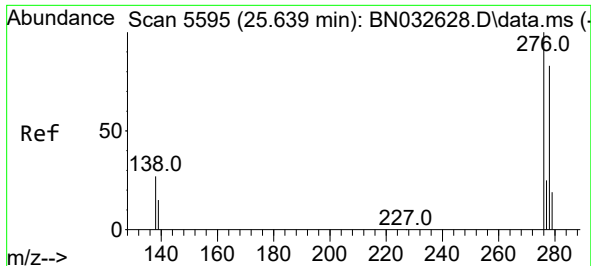
Ion Ratio Lower Upper

276 100

138 22.3 21.6 32.4

227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.079 ng/ul

RT: 25.579 min Scan# 51

Delta R.T. -0.060 min

Lab File: BN032650.D

Acq: 11 Jul 2024 23:46

Instrument :

BNA_N

ClientSampleId :

A4CX4

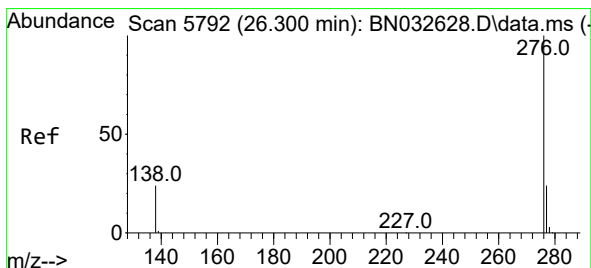
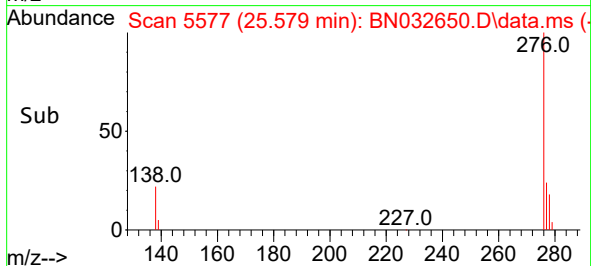
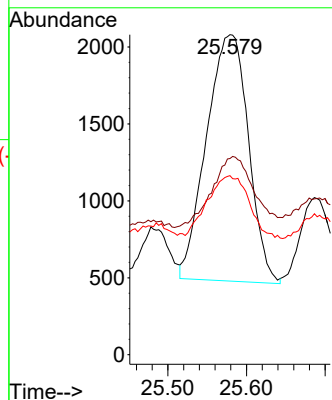
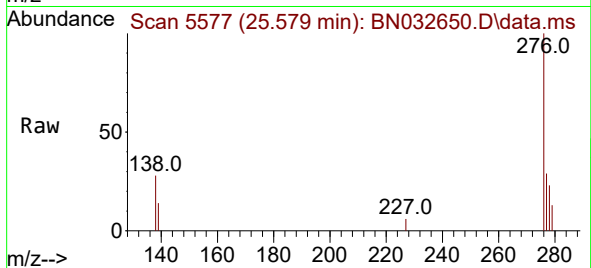
Tgt Ion:278 Resp: 5944

Ion Ratio Lower Upper

278 100

139 61.3 16.6 24.8#

279 56.0 23.7 35.5#



#29

Benzo(g,h,i)perylene

Concen: 0.329 ng/ul

RT: 26.260 min Scan# 5780

Delta R.T. -0.040 min

Lab File: BN032650.D

Acq: 11 Jul 2024 23:46

Tgt Ion:276 Resp: 26584

Ion Ratio Lower Upper

276 100

138 29.0 21.0 31.4

277 29.4 20.6 31.0

