

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032752.D
 Acq On : 16 Jul 2024 21:55
 Operator : MA/JU
 Sample : P3177-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BS7

Quant Time: Jul 16 23:55:35 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)

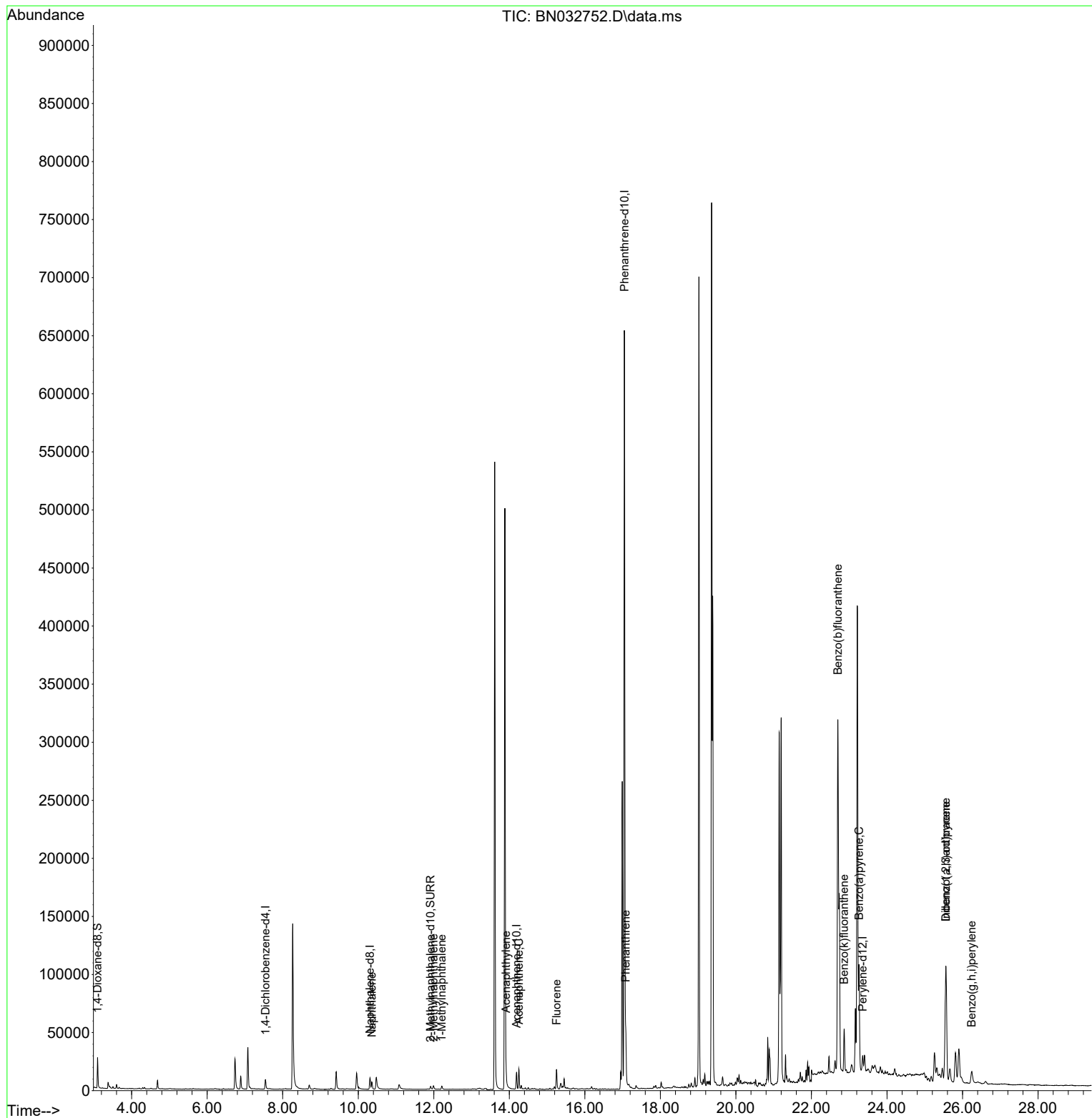
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5007	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.310	136	14685	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.193	164	8407	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.050	188	810643	0.400	ng/ul	0.06
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.19
23) Perylene-d12	23.357	264	24925	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	17242	2.868	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	4356	0.196	ng/ul	-0.05
18) Fluoranthene-d10	18.990	212	10624	0.000	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	9193	0.233	ng/ul	99
7) 2-Methylnaphthalene	11.993	142	2970	0.121	ng/ul	98
8) 1-Methylnaphthalene	12.213	142	2379	0.093	ng/ul	100
10) Acenaphthylene	13.911	152	14972	0.441	ng/ul	99
11) Acenaphthene	14.253	153	10822	0.385	ng/ul	99
12) Fluorene	15.252	166	12121	0.378	ng/ul	98
15) Phenanthrene	17.084	178	44907	0.020	ng/ul	97
24) Benzo(b)fluoranthene	22.699	252	637745	7.252	ng/ul	91
25) Benzo(k)fluoranthene	22.866	252	44655	0.417	ng/ul#	83
26) Benzo(a)pyrene	23.260	252	123891	1.628	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.559	276	144997	1.407	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.559	278	57791	0.723	ng/ul#	94
29) Benzo(g,h,i)perylene	26.243	276	20048	0.233	ng/ul#	80

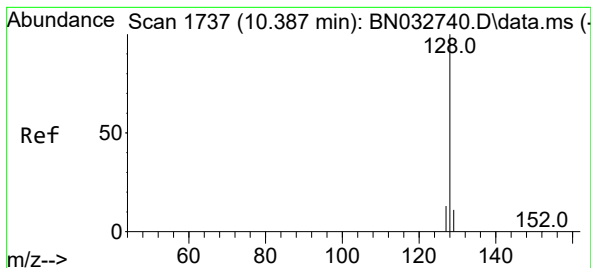
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
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Quant Time: Jul 16 23:55:35 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
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#5

Naphthalene

Concen: 0.233 ng/ul

RT: 10.360 min Scan# 11

Delta R.T. -0.049 min

Lab File: BN032752.D

Acq: 16 Jul 2024 21:55

Instrument :

BNA_N

ClientSampleId :

A4BS7

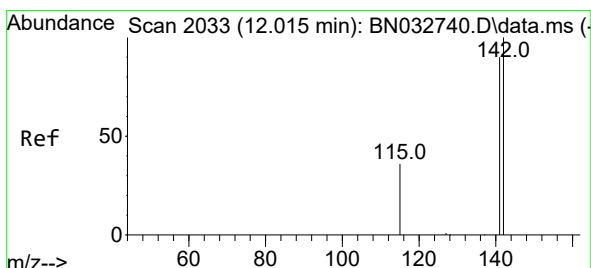
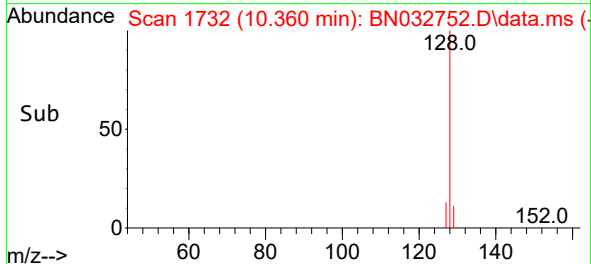
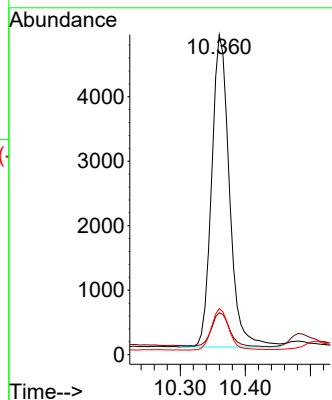
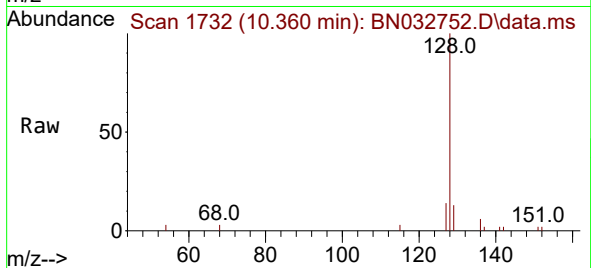
Tgt Ion:128 Resp: 9193

Ion Ratio Lower Upper

128 100

129 13.1 10.0 15.0

127 14.4 11.6 17.4



#7

2-Methylnaphthalene

Concen: 0.121 ng/ul

RT: 11.993 min Scan# 2029

Delta R.T. -0.055 min

Lab File: BN032752.D

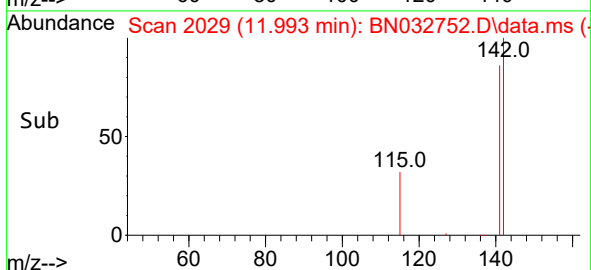
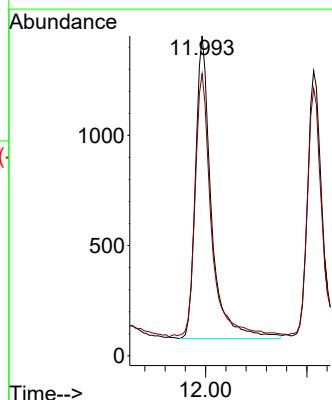
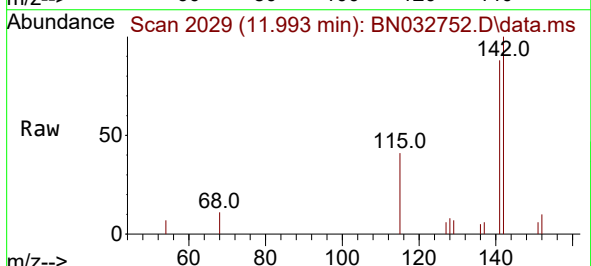
Acq: 16 Jul 2024 21:55

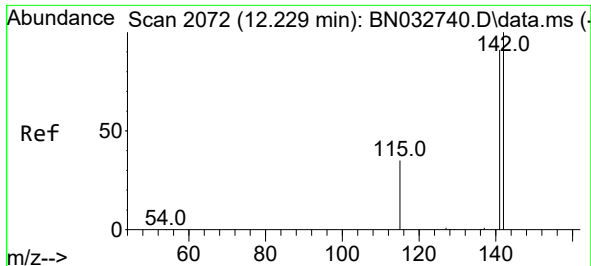
Tgt Ion:142 Resp: 2970

Ion Ratio Lower Upper

142 100

141 90.5 74.0 111.0

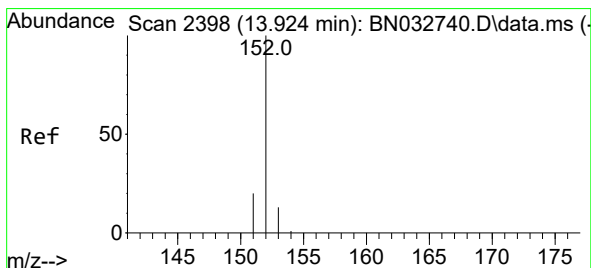
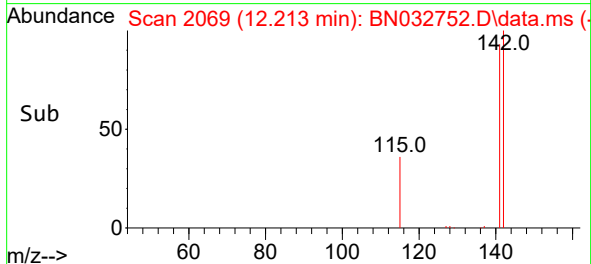
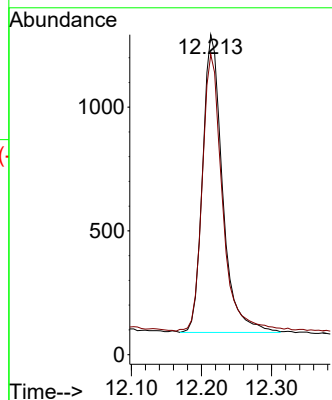
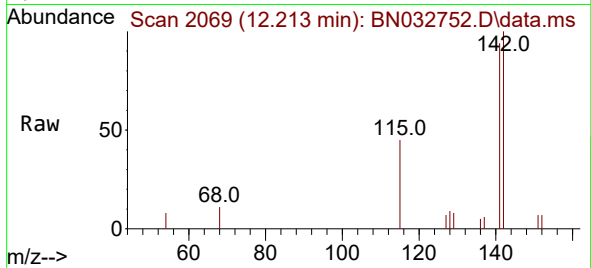




#8
1-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.213 min Scan# 2072
Delta R.T. -0.033 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

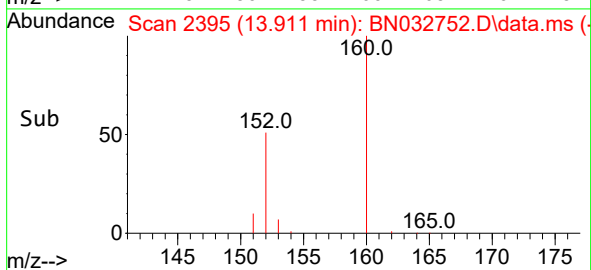
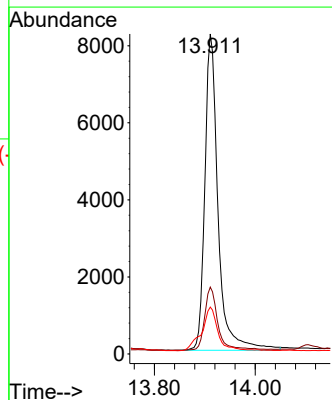
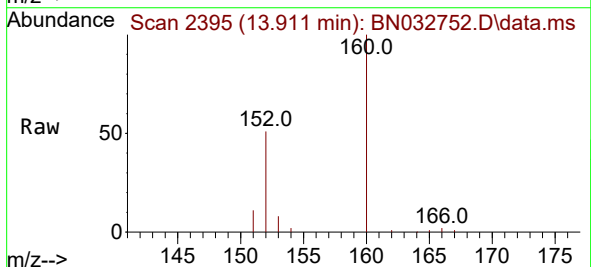
Instrument :
BNA_N
ClientSampleId :
A4BS7

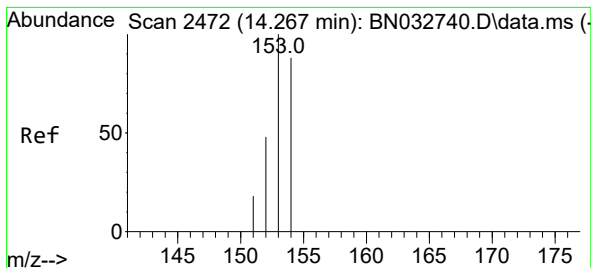
Tgt Ion:142 Resp: 2379
Ion Ratio Lower Upper
142 100
141 94.0 75.0 112.4



#10
Acenaphthylene
Concen: 0.441 ng/ul
RT: 13.911 min Scan# 2395
Delta R.T. -0.032 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

Tgt Ion:152 Resp: 14972
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.7 11.3 16.9





#11

Acenaphthene

Concen: 0.385 ng/ul

RT: 14.253 min Scan# 2469

Delta R.T. -0.028 min

Lab File: BN032752.D

Acq: 16 Jul 2024 21:55

Instrument :

BNA_N

ClientSampleId :

A4BS7

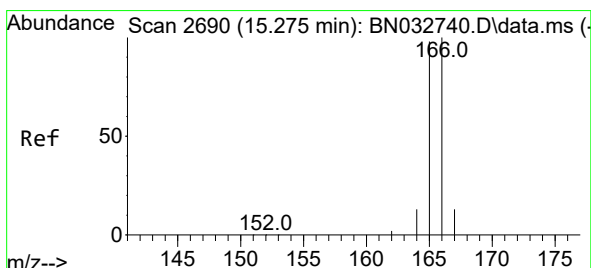
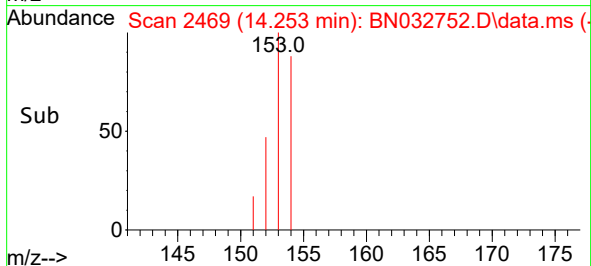
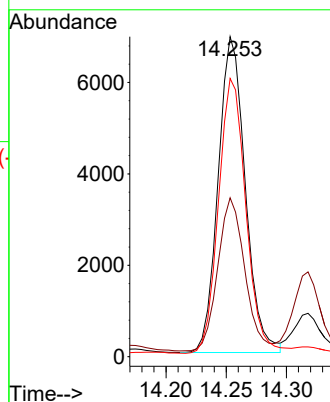
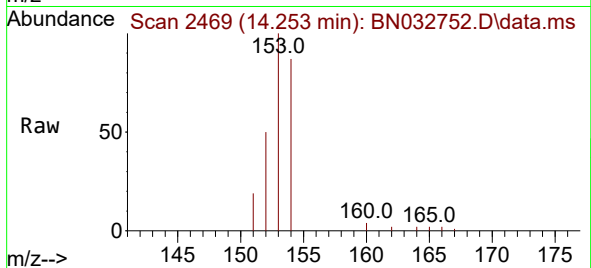
Tgt Ion:153 Resp: 10822

Ion Ratio Lower Upper

153 100

152 49.6 40.0 60.0

154 87.0 70.2 105.4



#12

Fluorene

Concen: 0.378 ng/ul

RT: 15.252 min Scan# 2685

Delta R.T. -0.037 min

Lab File: BN032752.D

Acq: 16 Jul 2024 21:55

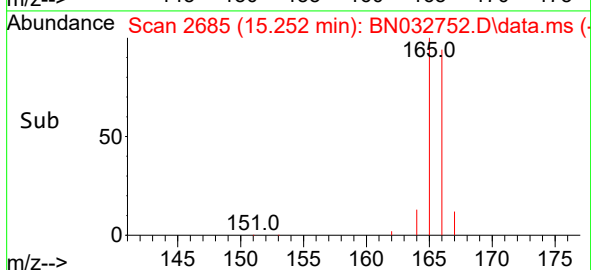
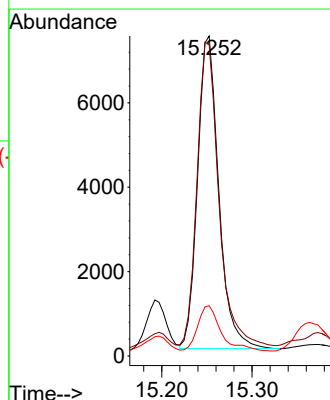
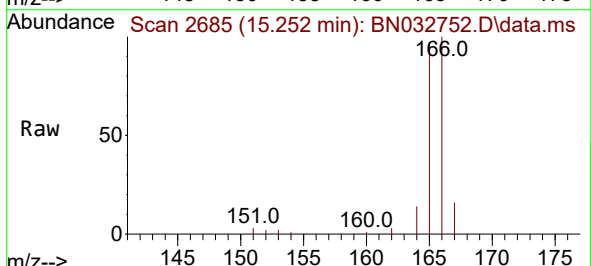
Tgt Ion:166 Resp: 12121

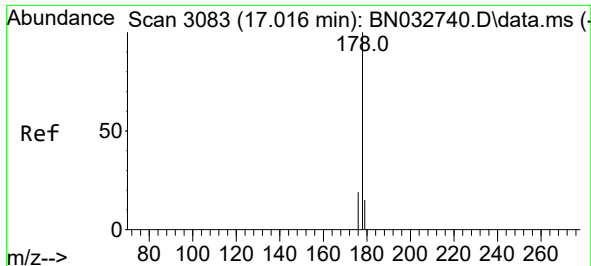
Ion Ratio Lower Upper

166 100

165 97.2 79.7 119.5

167 15.7 11.4 17.2

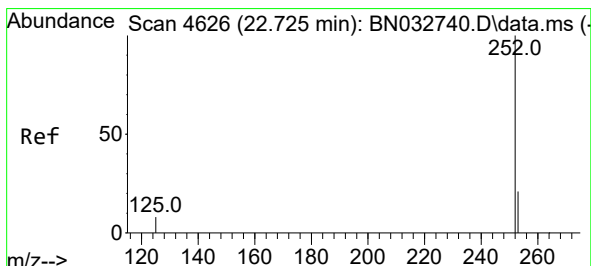
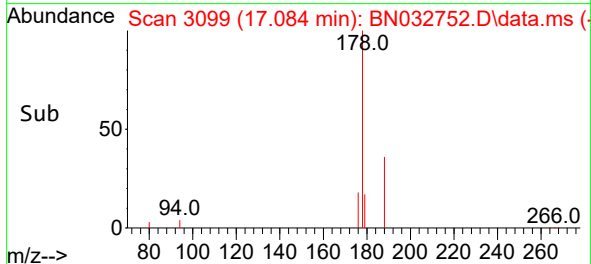
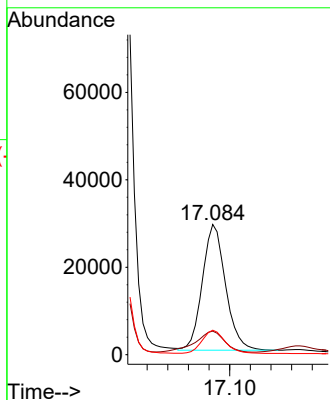
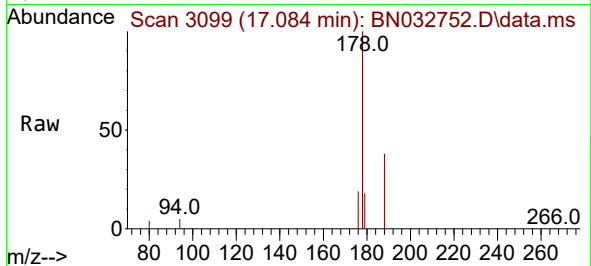




#15
Phenanthrene
Concen: 0.020 ng/ul
RT: 17.084 min Scan# 3083
Delta R.T. 0.055 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

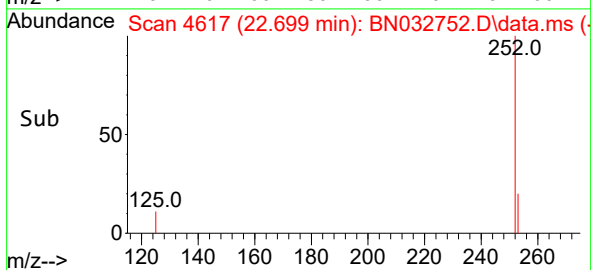
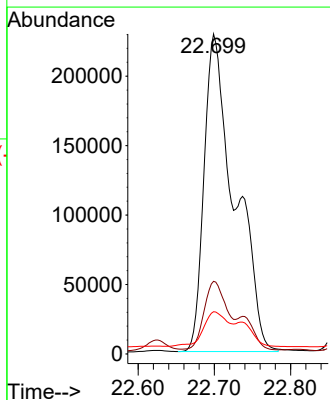
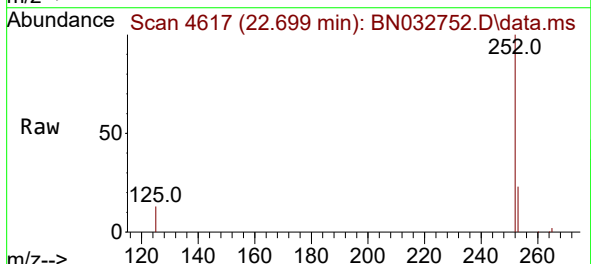
Instrument :
BNA_N
ClientSampleId :
A4BS7

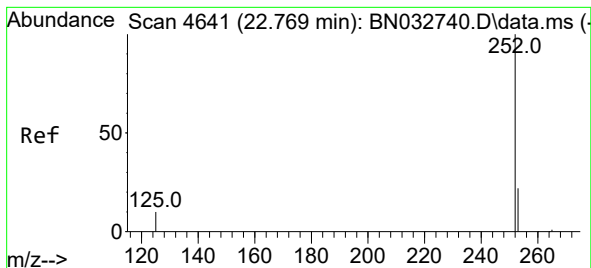
Tgt Ion:178 Resp: 44907
Ion Ratio Lower Upper
178 100
179 18.0 13.0 19.4
176 18.8 15.6 23.4



#24
Benzo(b)fluoranthene
Concen: 7.252 ng/ul
RT: 22.699 min Scan# 4617
Delta R.T. -0.035 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

Tgt Ion:252 Resp: 637745
Ion Ratio Lower Upper
252 100
253 22.7 0.0 54.0
125 13.2 0.0 36.0





#25

Benzo(k)fluoranthene

Concen: 0.417 ng/ul

RT: 22.866 min Scan# 4

Delta R.T. 0.088 min

Lab File: BN032752.D

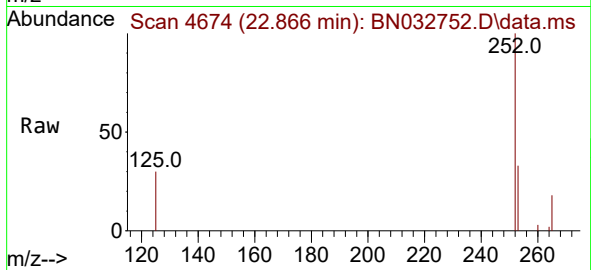
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Instrument :

BNA_N

ClientSampleId :

A4BS7



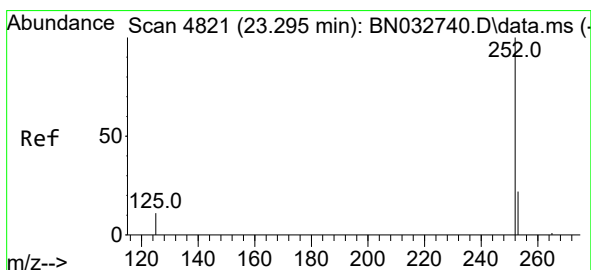
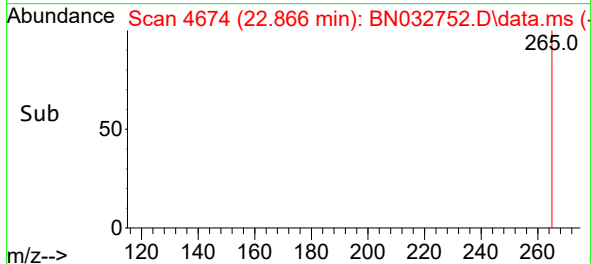
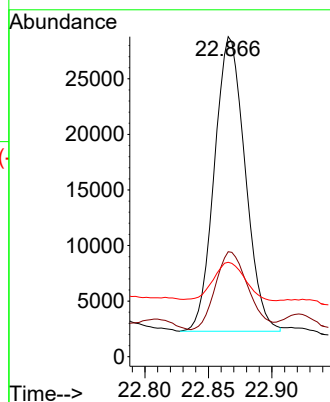
Tgt Ion:252 Resp: 44655

Ion Ratio Lower Upper

252 100

253 32.8 21.2 31.8#

125 29.5 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 1.628 ng/ul

RT: 23.260 min Scan# 4809

Delta R.T. -0.050 min

Lab File: BN032752.D

Acq: 16 Jul 2024 21:55

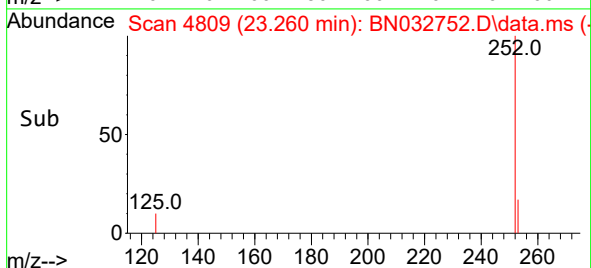
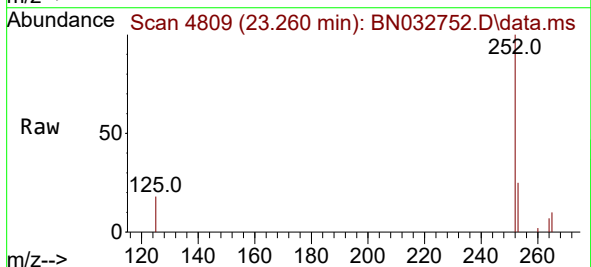
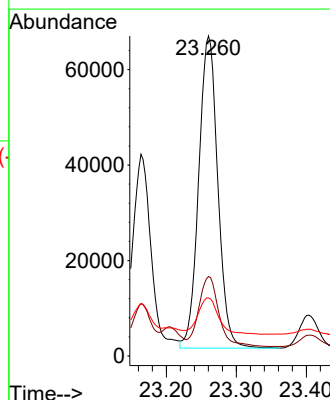
Tgt Ion:252 Resp: 123891

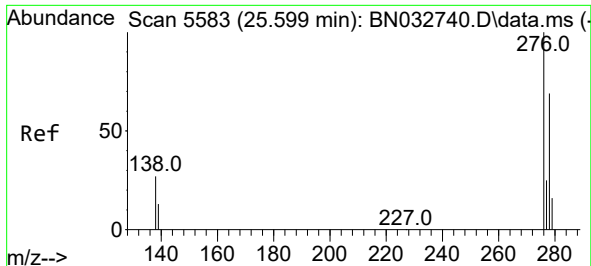
Ion Ratio Lower Upper

252 100

253 24.9 25.4 38.0#

125 18.2 20.6 30.8#

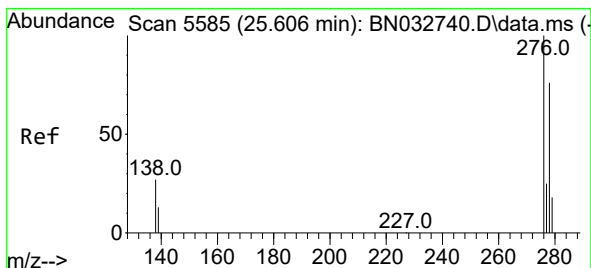
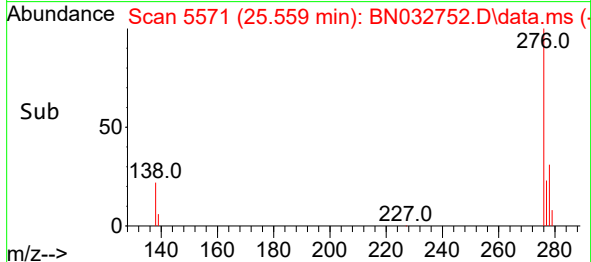
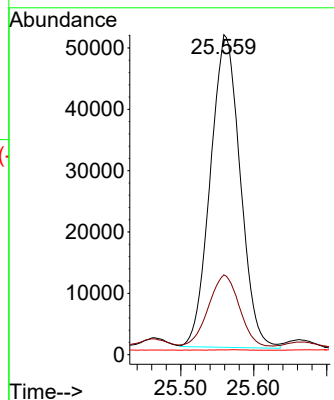
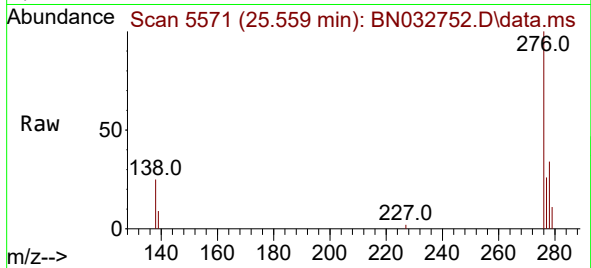




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.407 ng/ul
RT: 25.559 min Scan# 5571
Delta R.T. -0.067 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

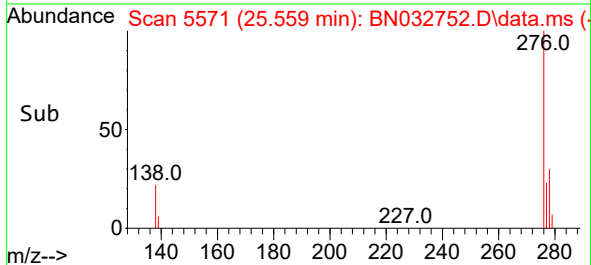
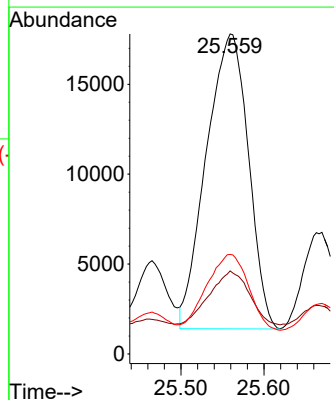
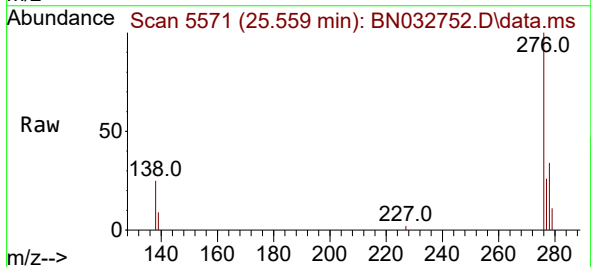
Instrument :
BNA_N
ClientSampleId :
A4BS7

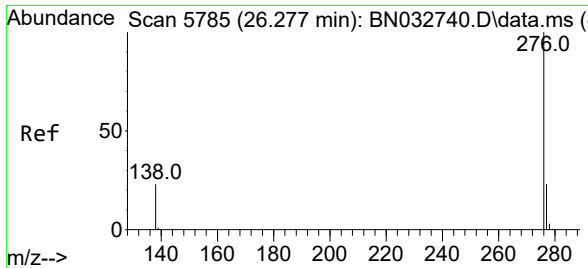
Tgt Ion:276 Resp: 144997
Ion Ratio Lower Upper
276 100
138 23.4 21.6 32.4
227 0.1 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.723 ng/ul
RT: 25.559 min Scan# 5571
Delta R.T. -0.080 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

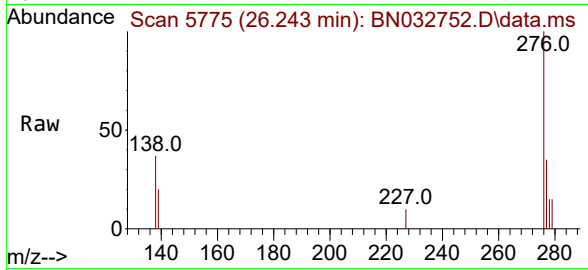
Tgt Ion:278 Resp: 57791
Ion Ratio Lower Upper
278 100
139 25.9 16.6 24.8#
279 31.1 23.7 35.5





#29
Benzo(g,h,i)perylene
Concen: 0.233 ng/ul
RT: 26.243 min Scan# 51
Delta R.T. -0.057 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

Instrument :
BNA_N
ClientSampleId :
A4BS7



Tgt Ion:276 Resp: 20048
Ion Ratio Lower Upper
276 100
138 36.8 21.0 31.4#
277 35.5 20.6 31.0#

