

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

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	16.948	188	17970m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.162	240	15273m	0.400	ng/ul	-0.03
23) Perylene-d12	23.357	264	17438m	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	0.213	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	16.991	178	271175m	5.541	ng/ul	
16) Anthracene	17.084	178	45516m	1.138	ng/ul	
19) Fluoranthene	19.022	202	621699	10.012	ng/ul	97
20) Pyrene	19.385	202	360471	5.608	ng/ul	99
21) Benzo(a)anthracene	21.144	228	272634m	5.608	ng/ul	
22) Chrysene	21.200	228	320001	4.550	ng/ul	98
24) Benzo(b)fluoranthene	22.699	252	470401m	7.645	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	177774m	2.371	ng/ul	
26) Benzo(a)pyrene	23.260	252	123891	2.327	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.559	276	144997	2.011	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.559	278	57791	1.034	ng/ul#	94
29) Benzo(g,h,i)perylene	26.243	276	20048	0.333	ng/ul#	80

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

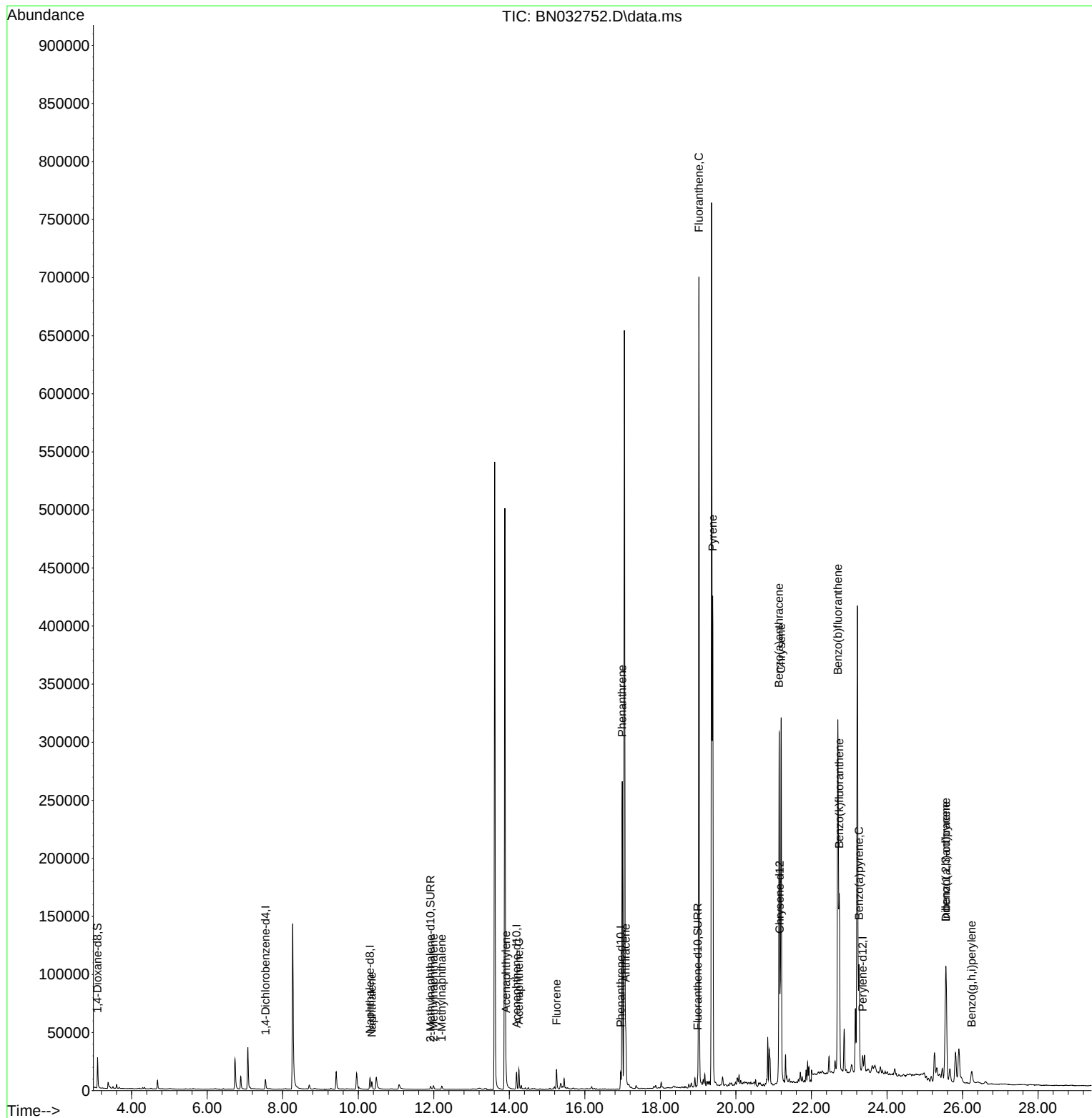
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032752.D
Acq On : 16 Jul 2024 21:55
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Sample : P3177-09
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ALS Vial : 22 Sample Multiplier: 1

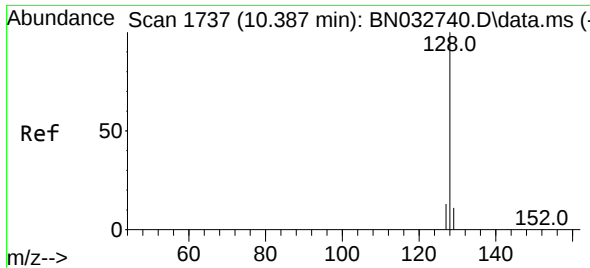
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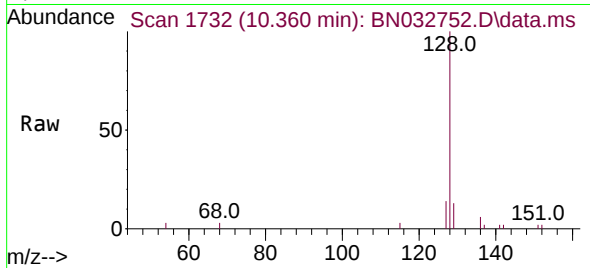
Quant Time: Jul 16 23:55:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#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

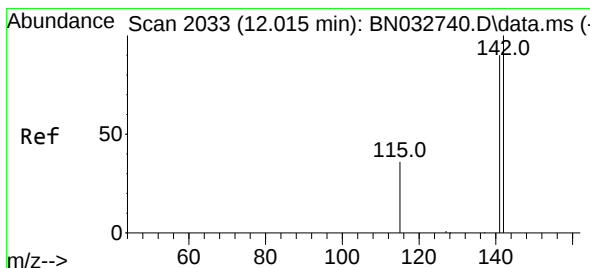
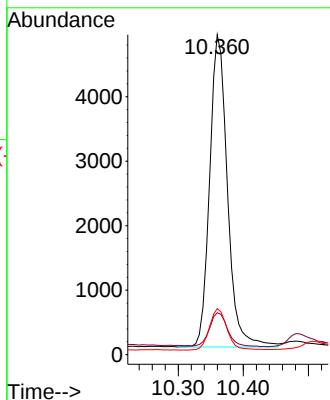
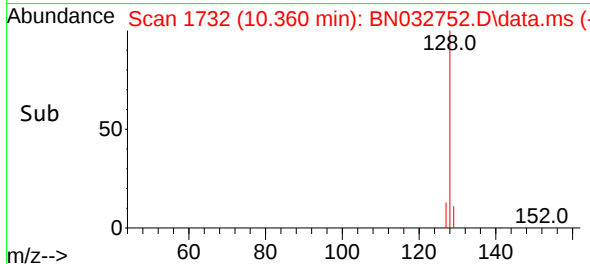
Instrument :
BNA_N
ClientSampleId :
A4BS7



Tgt Ion:128 Resp: 919
Ion Ratio Lower Upper
128 100
129 13.1 10.0 15.0
127 14.4 11.6 17.4

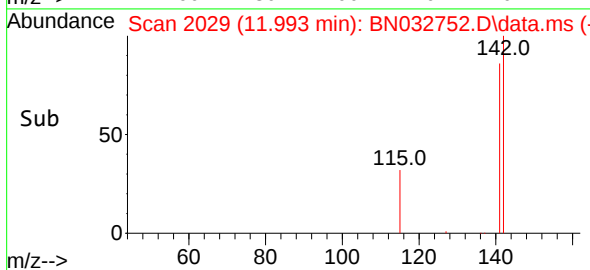
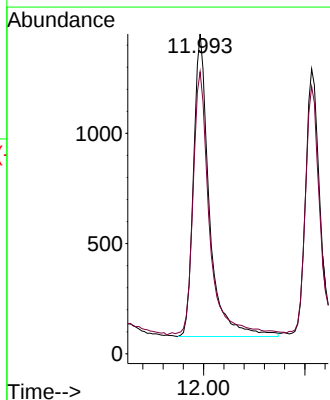
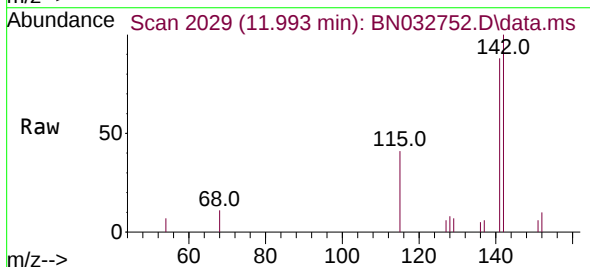
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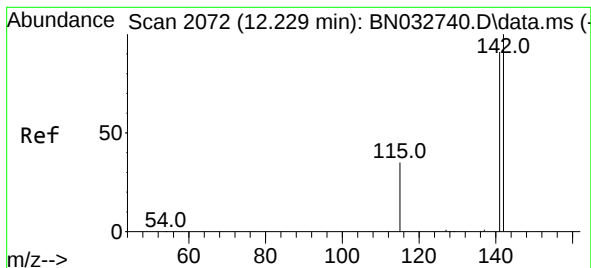
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#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# 2069

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

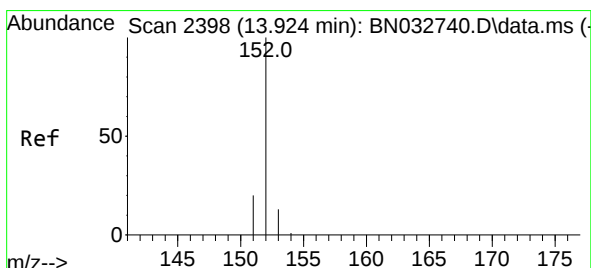
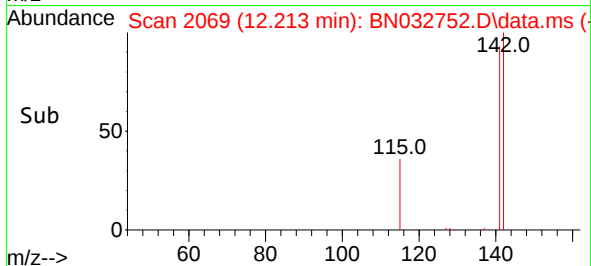
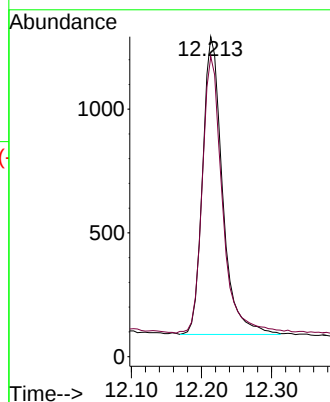
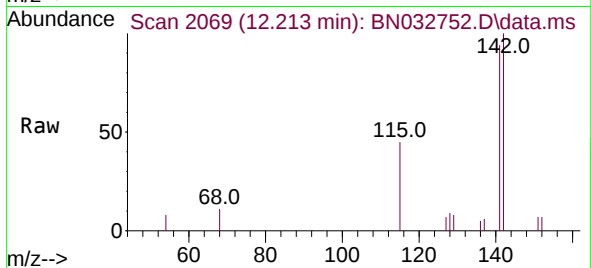
141 94.0 75.0 112.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#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

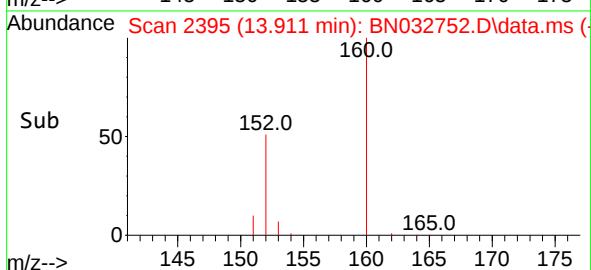
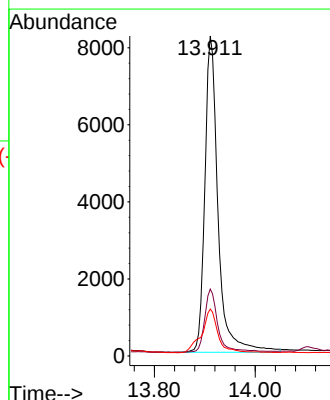
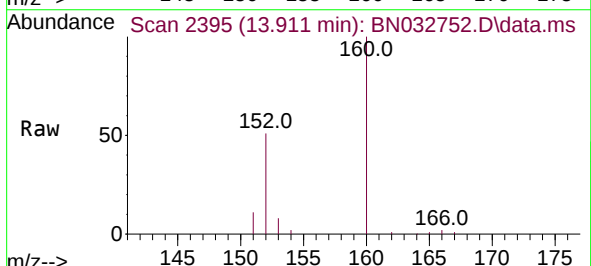
Tgt Ion:152 Resp: 14972

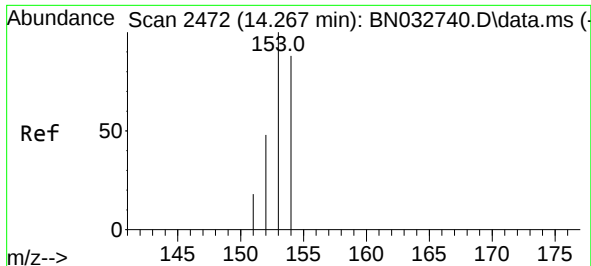
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

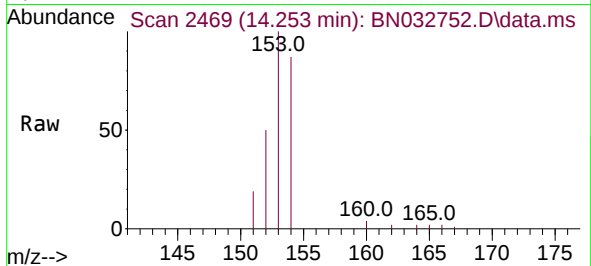
153 14.7 11.3 16.9





#11
Acenaphthene
Concen: 0.385 ng/u1
RT: 14.253 min Scan# 2469
Delta R.T. -0.028 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

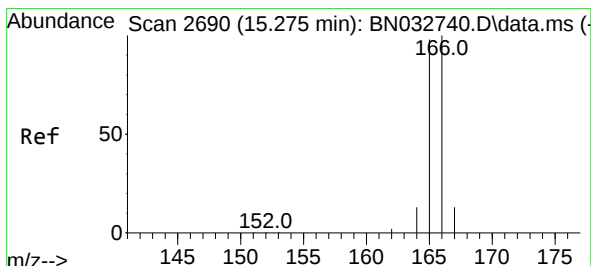
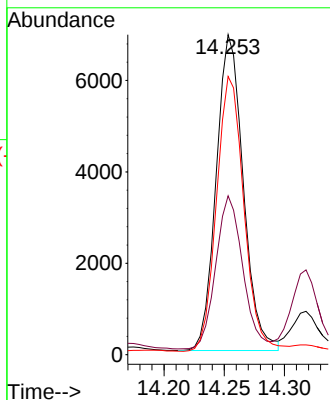
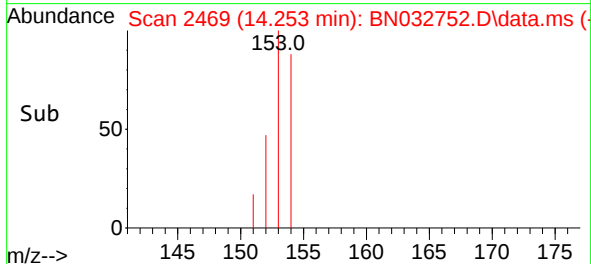
Instrument :
BNA_N
ClientSampleId :
A4BS7



Tgt Ion:153 Resp: 1082
Ion Ratio Lower Upper
153 100
152 49.6 40.0 60.0
154 87.0 70.2 105.4

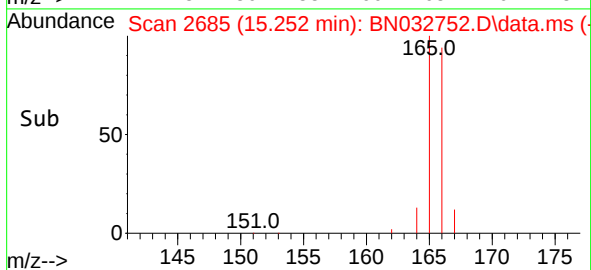
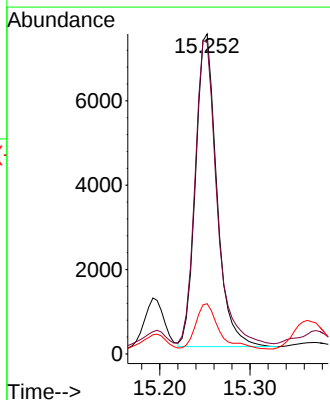
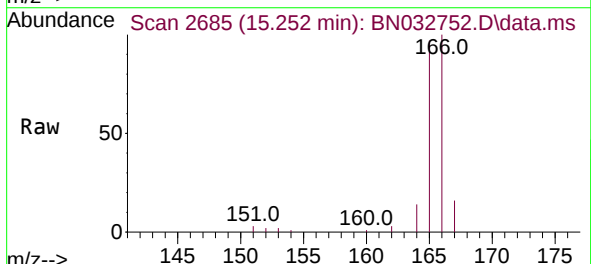
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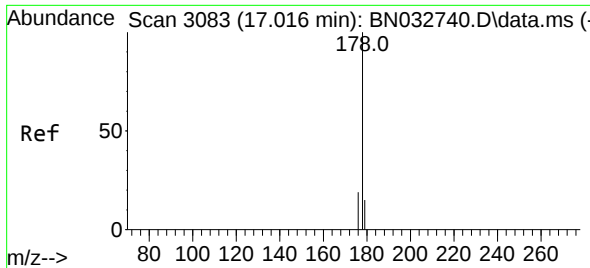
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.378 ng/u1
RT: 15.252 min Scan# 2685
Delta R.T. -0.037 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

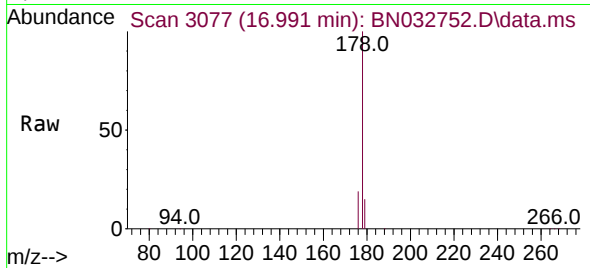
Tgt Ion:166 Resp: 12121
Ion Ratio Lower Upper
166 100
165 97.2 79.7 119.5
167 15.7 11.4 17.2





#15
Phenanthrene
Concen: 5.541 ng/ul m
RT: 16.991 min Scan# 3077
Delta R.T. -0.038 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

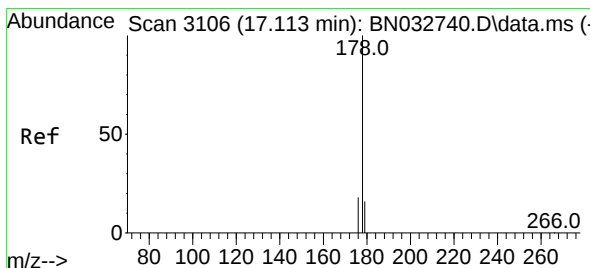
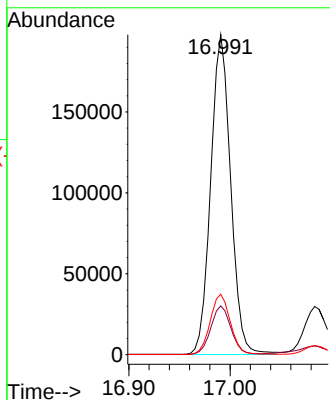
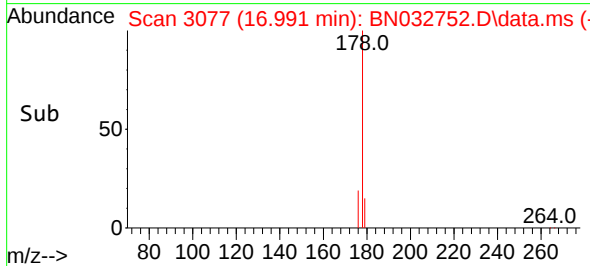
Instrument :
BNA_N
ClientSampleId :
A4BS7



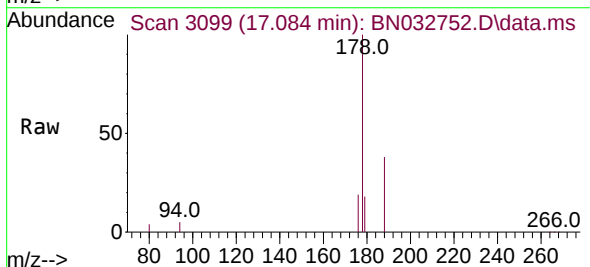
Tgt Ion:178 Resp: 27117
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 18.9 15.6 23.4

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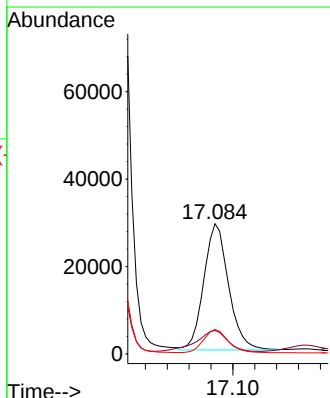
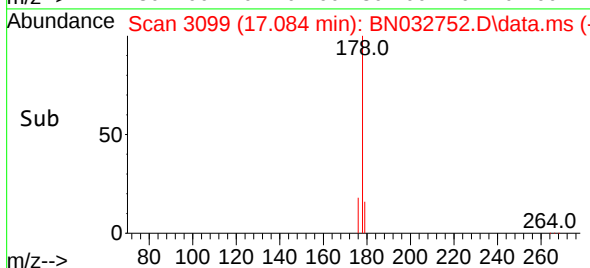
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

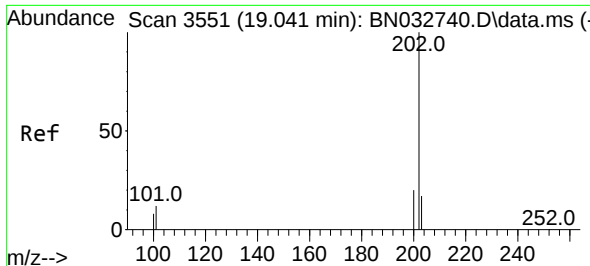


#16
Anthracene
Concen: 1.138 ng/ul m
RT: 17.084 min Scan# 3099
Delta R.T. -0.055 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55



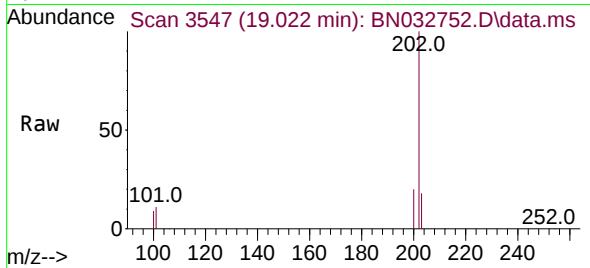
Tgt Ion:178 Resp: 45516
Ion Ratio Lower Upper
178 100
179 18.0 13.4 20.2
176 18.8 15.4 23.0





#19
Fluoranthene
Concen: 10.012 ng/u1
RT: 19.022 min Scan# 3547
Delta R.T. -0.032 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

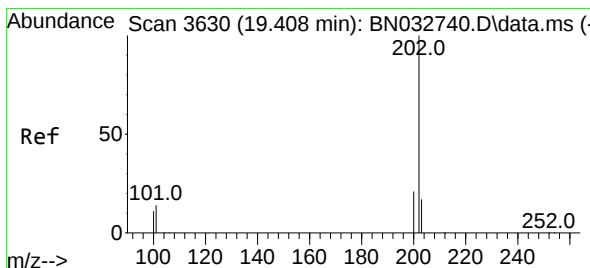
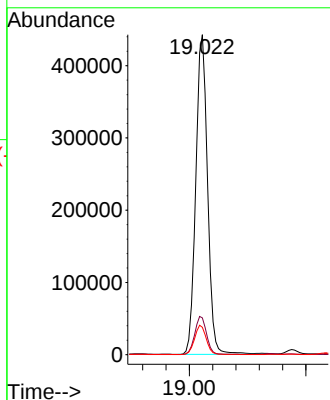
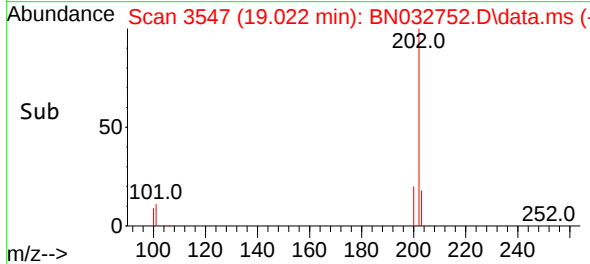
Instrument :
BNA_N
ClientSampleId :
A4BS7



Tgt Ion:202 Resp: 621699
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 8.5 7.9 11.9

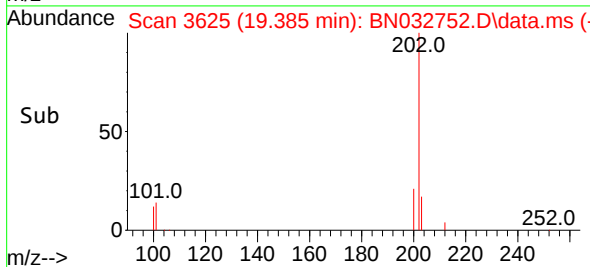
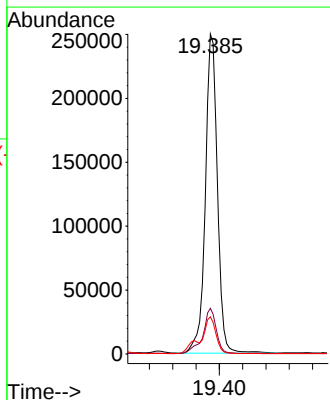
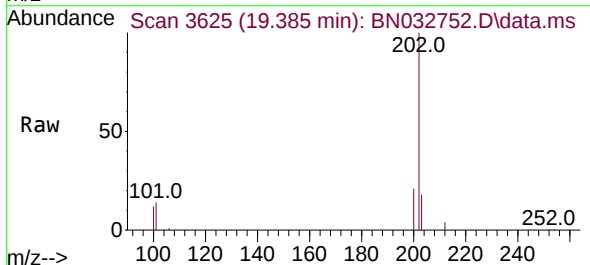
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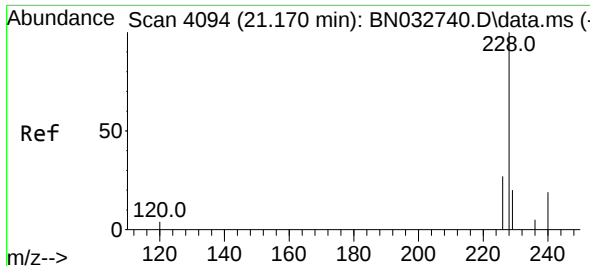
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 5.608 ng/u1
RT: 19.385 min Scan# 3625
Delta R.T. -0.037 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

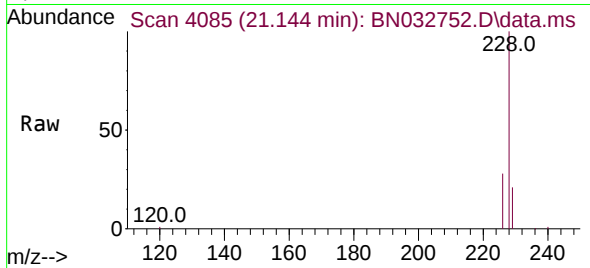
Tgt Ion:202 Resp: 360471
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.6 9.6 14.4





#21
Benzo(a)anthracene
Concen: 5.608 ng/ul m
RT: 21.144 min Scan# 4094
Delta R.T. -0.038 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

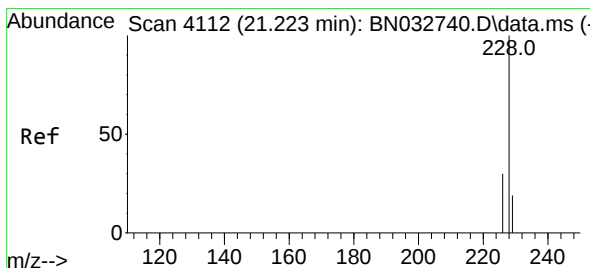
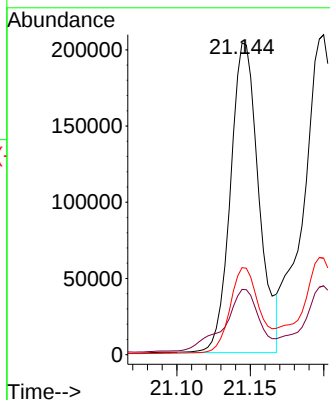
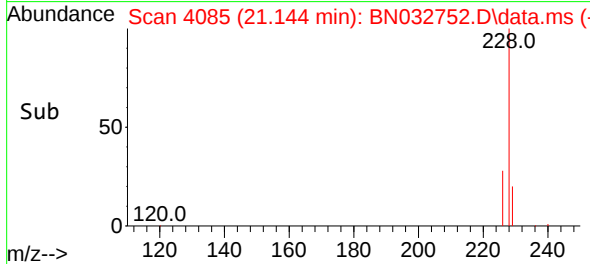
Instrument :
BNA_N
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A4BS7



Tgt Ion:228 Resp: 272634
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.9 21.9 32.9

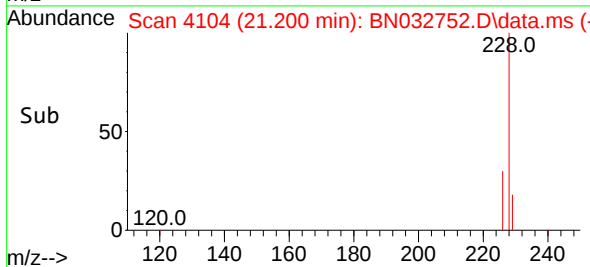
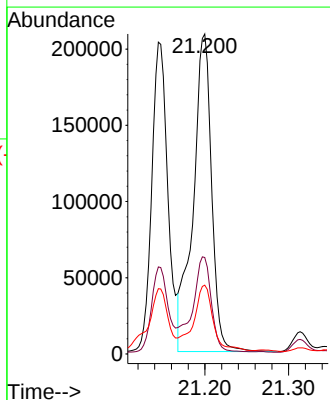
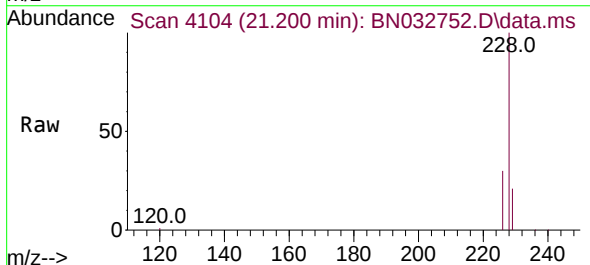
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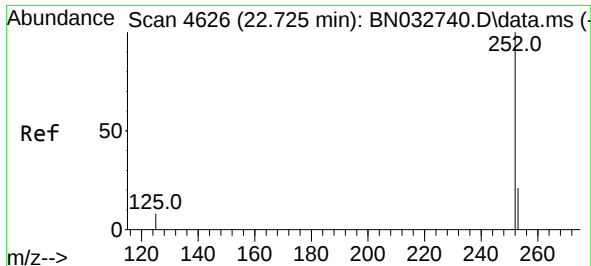
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 4.550 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. -0.032 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

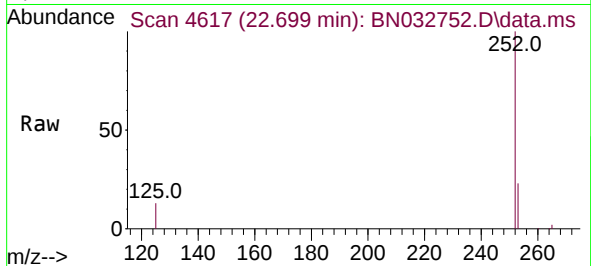
Tgt Ion:228 Resp: 320001
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.645 ng/ul m
RT: 22.699 min Scan# 4617
Delta R.T. -0.035 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

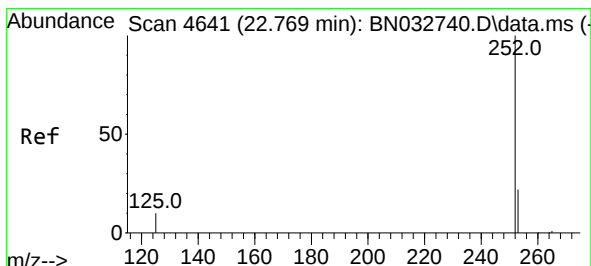
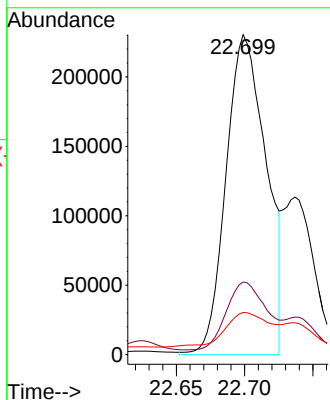
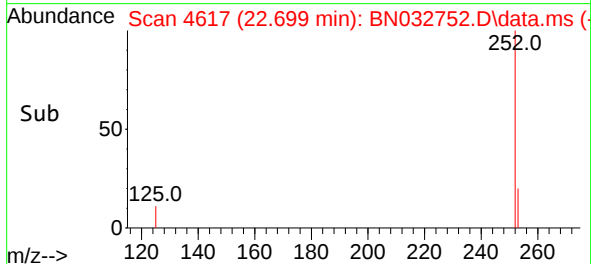
Instrument :
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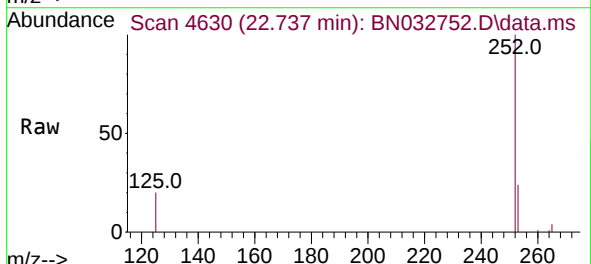
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Ion Ratio Lower Upper
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253 22.7 0.0 54.0
125 13.2 0.0 36.0

Manual Integrations
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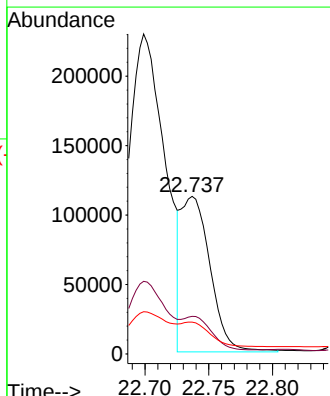
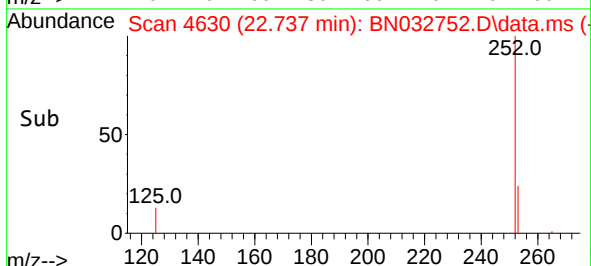
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

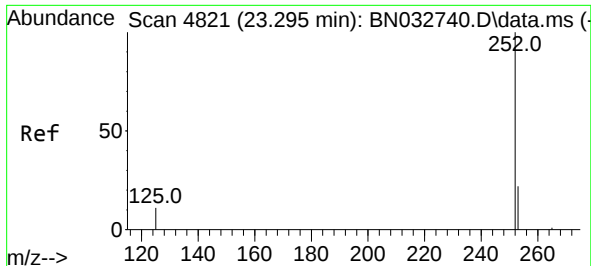


#25
Benzo(k)fluoranthene
Concen: 2.371 ng/ul m
RT: 22.737 min Scan# 4630
Delta R.T. -0.041 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55



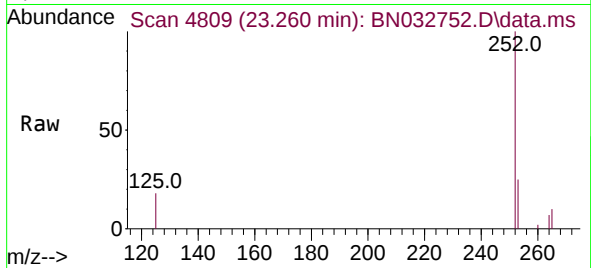
Tgt Ion:252 Resp: 177774
Ion Ratio Lower Upper
252 100
253 23.9 21.2 31.8
125 20.2 14.8 22.2





#26
Benzo(a)pyrene
Concen: 2.327 ng/ul
RT: 23.260 min Scan# 4809
Delta R.T. -0.050 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

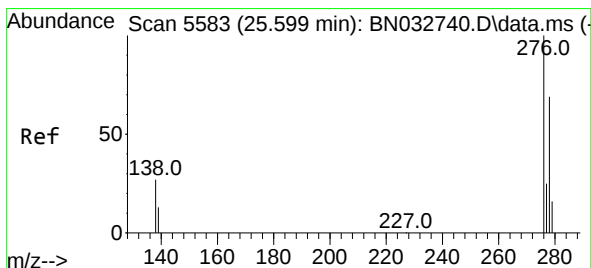
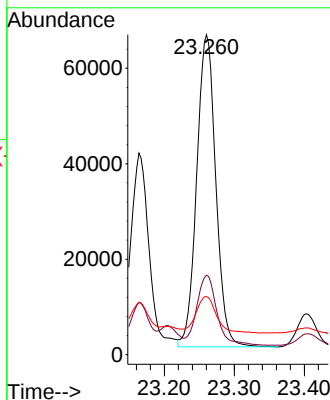
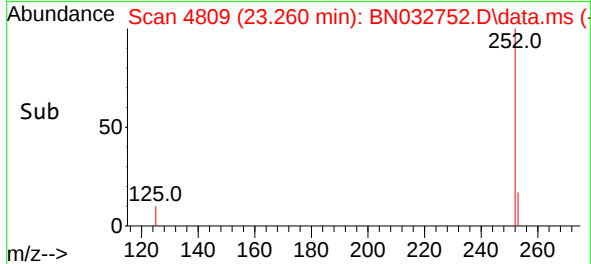
Instrument :
BNA_N
ClientSampleId :
A4BS7



Tgt Ion:252 Resp: 12389
Ion Ratio Lower Upper
252 100
253 24.9 25.4 38.0
125 18.2 20.6 30.8

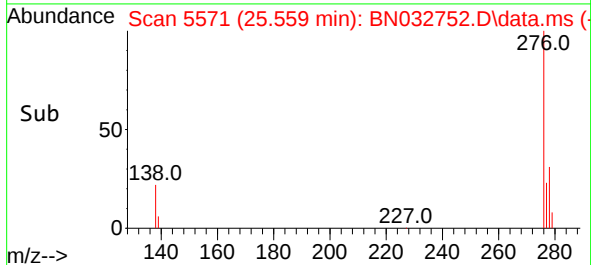
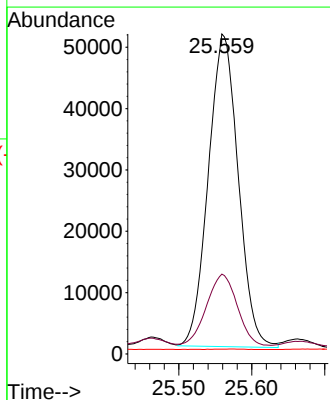
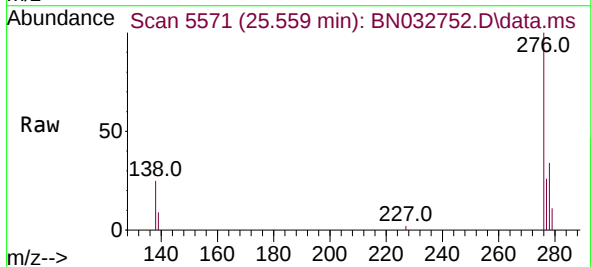
Manual Integrations
APPROVED

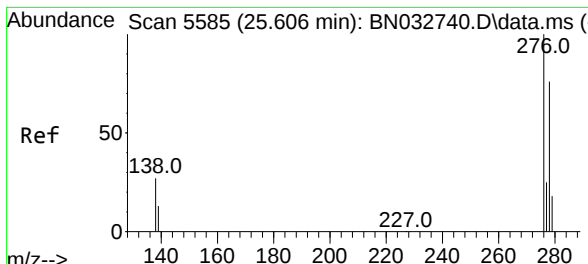
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.011 ng/ul
RT: 25.559 min Scan# 5571
Delta R.T. -0.067 min
Lab File: BN032752.D
Acq: 16 Jul 2024 21:55

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





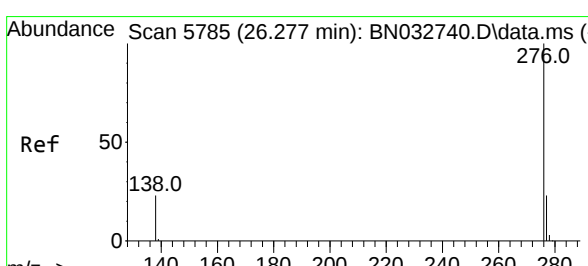
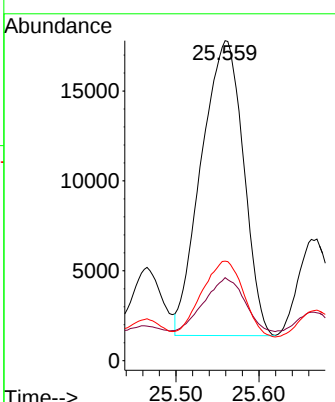
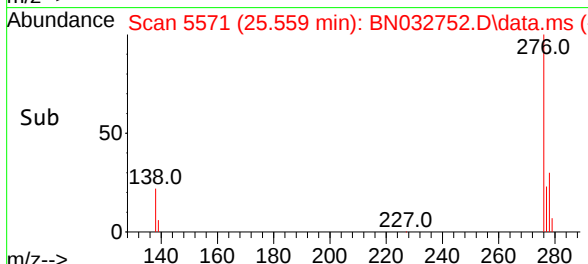
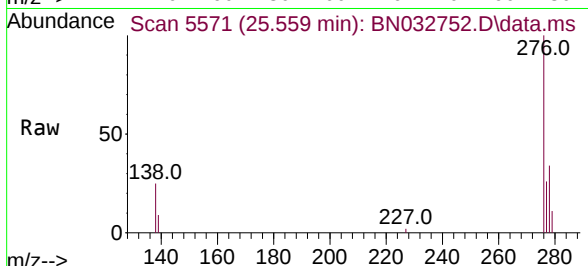
#28
 Dibenzo(a,h)anthracene
 Concen: 1.034 ng/ul
 RT: 25.559 min Scan# 5579
 Delta R.T. -0.080 min
 Lab File: BN032752.D
 Acq: 16 Jul 2024 21:55

Instrument : BNA_N
 ClientSampleId : A4BS7

Tgt Ion:278 Resp: 5779

Ion	Ratio	Lower	Upper
278	100		
139	25.9	16.6	24.8
279	31.1	23.7	35.5

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.333 ng/ul
 RT: 26.243 min Scan# 5775
 Delta R.T. -0.057 min
 Lab File: BN032752.D
 Acq: 16 Jul 2024 21:55

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

