

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032498.D
 Acq On : 05 Jul 2024 06:10
 Operator : MA/JU
 Sample : P2963-13
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 05 06:35:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	6636	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	19038	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	10893	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	19928m	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	15796m	0.400	ng/ul	0.00
23) Perylene-d12	23.427	264	24039m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	30963	4.198	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	7583	0.266	ng/ul	-0.01
18) Fluoranthene-d10	19.041	212	16206m	0.341	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	99999	1.985	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	60210	1.803	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	58710	1.695	ng/ul	99
10) Acenaphthylene	13.966	152	82189	1.814	ng/ul	97
11) Acenaphthene	14.304	153	129907	3.695	ng/ul	98
12) Fluorene	15.299	166	165652	3.954	ng/ul	99
15) Phenanthrene	17.046	178	2171130m	39.739	ng/ul	
16) Anthracene	17.134	178	462679m	9.494	ng/ul	
19) Fluoranthene	19.073	202	2195150m	36.495	ng/ul	
20) Pyrene	19.440	202	1948910m	31.005	ng/ul	
21) Benzo(a)anthracene	21.191	228	1126035m	19.751	ng/ul	
22) Chrysene	21.244	228	1206082m	19.274	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	1305293m	12.498	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	423124m	4.170	ng/ul	
26) Benzo(a)pyrene	23.330	252	564526m	7.769	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	461118m	4.053	ng/ul	
28) Dibenzo(a,h)anthracene	25.660	278	187351m	2.216	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	65425m	0.722	ng/ul	

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

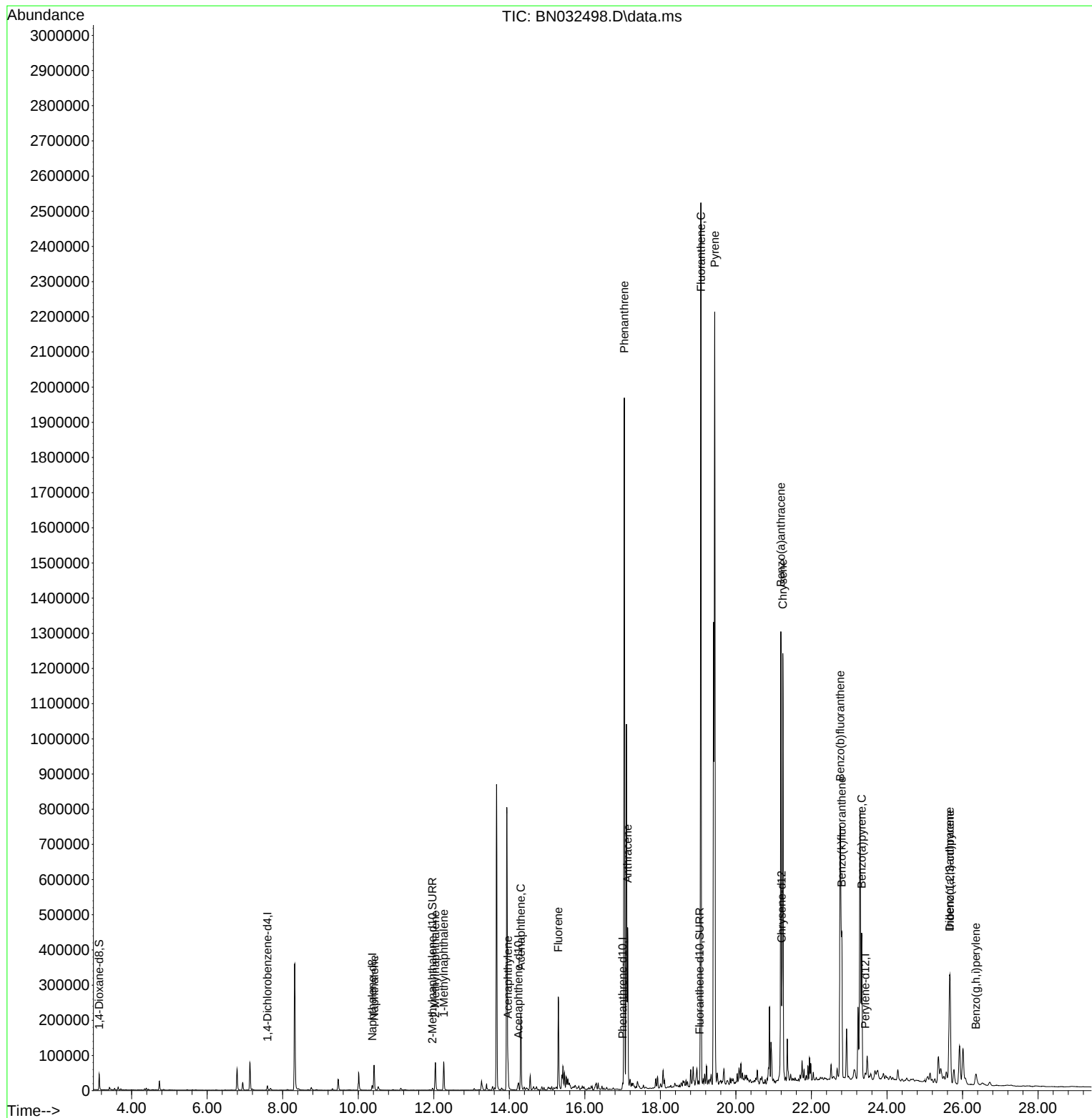
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

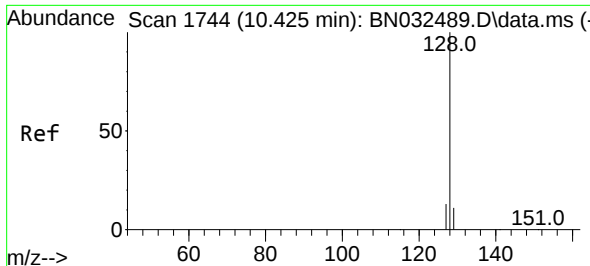
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A4CR7

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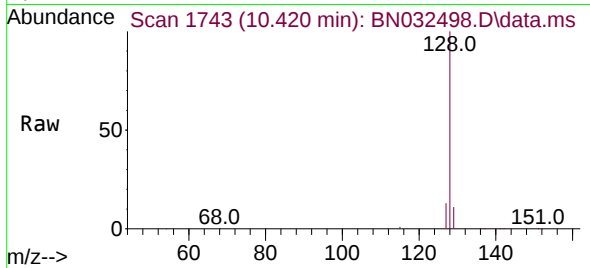
Quant Time: Jul 05 06:35:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.985 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032498.D
Acq: 05 Jul 2024 06:10

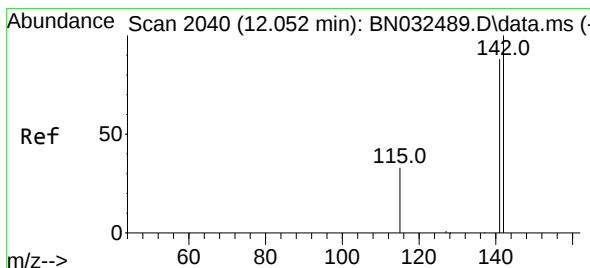
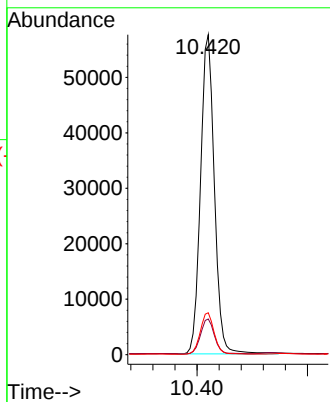
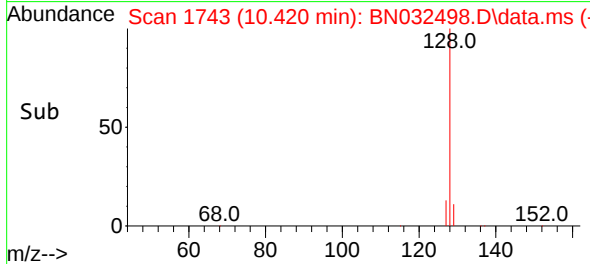
Instrument :
BNA_N
ClientSampleId :
A4CR7



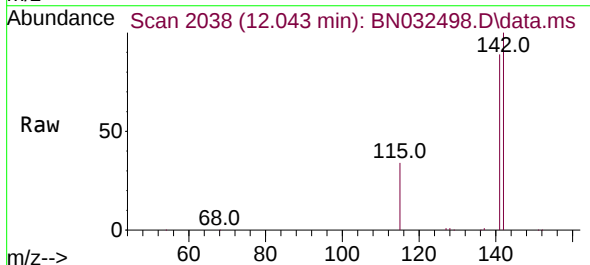
Tgt Ion:128 Resp: 99999
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.1 10.8 16.2

Manual Integrations
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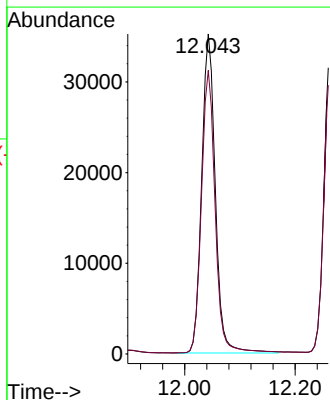
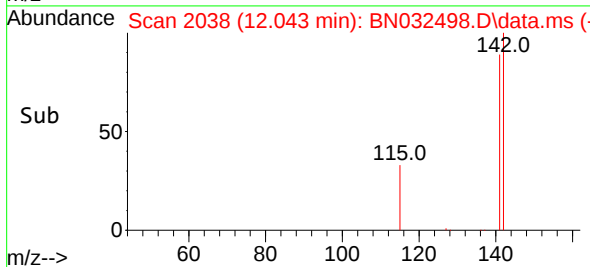
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

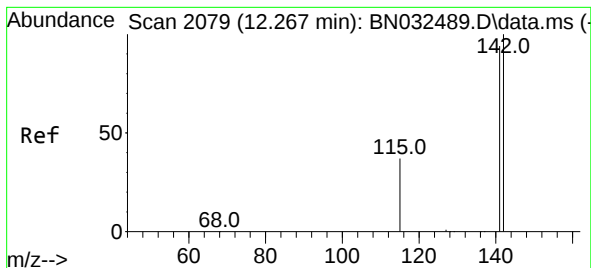


#7
2-Methylnaphthalene
Concen: 1.803 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032498.D
Acq: 05 Jul 2024 06:10



Tgt Ion:142 Resp: 60210
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.2





#8

1-Methylnaphthalene

Concen: 1.695 ng/ul

RT: 12.263 min Scan# 2078

Delta R.T. -0.011 min

Lab File: BN032498.D

Acq: 05 Jul 2024 06:10

Instrument :

BNA_N

ClientSampleId :

A4CR7

Tgt Ion:142 Resp: 58710

Ion Ratio Lower Upper

142 100

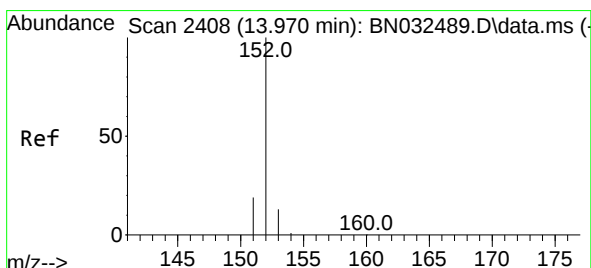
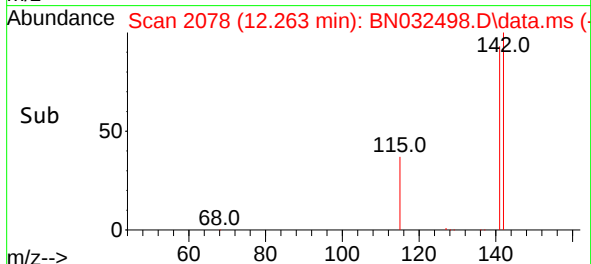
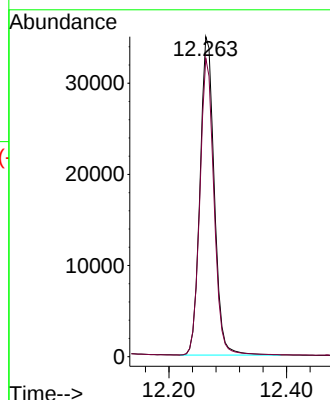
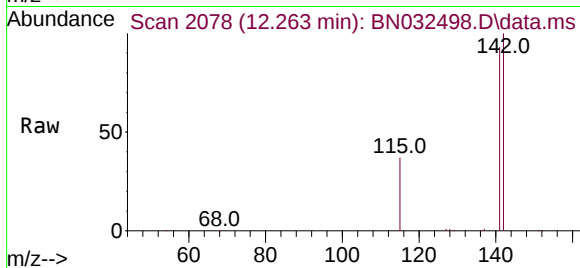
141 92.4 73.4 110.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#10

Acenaphthylene

Concen: 1.814 ng/ul

RT: 13.966 min Scan# 2407

Delta R.T. -0.005 min

Lab File: BN032498.D

Acq: 05 Jul 2024 06:10

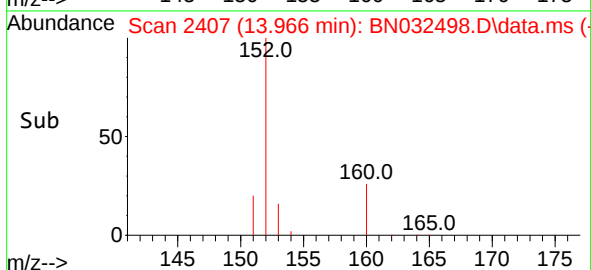
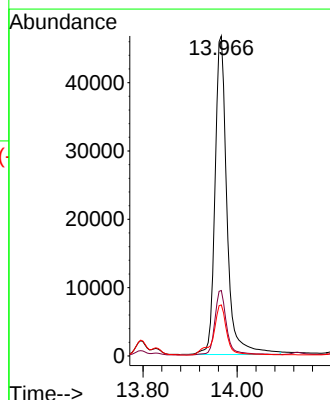
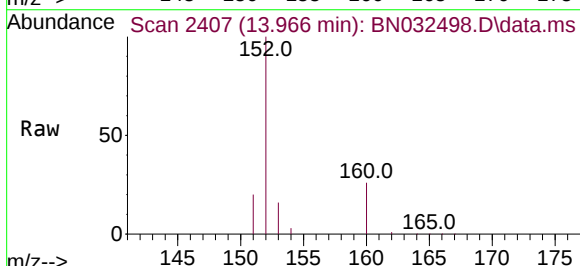
Tgt Ion:152 Resp: 82189

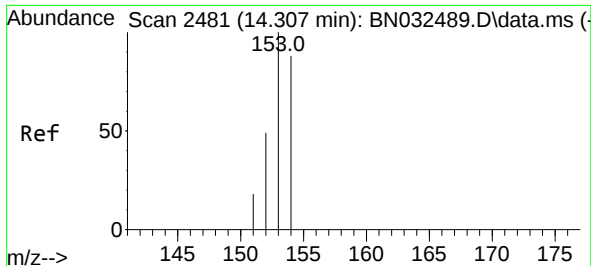
Ion Ratio Lower Upper

152 100

151 20.4 15.7 23.5

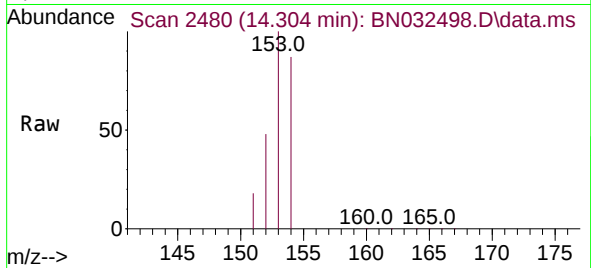
153 15.9 10.9 16.3





#11
Acenaphthene
Concen: 3.695 ng/ul
RT: 14.304 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN032498.D
Acq: 05 Jul 2024 06:10

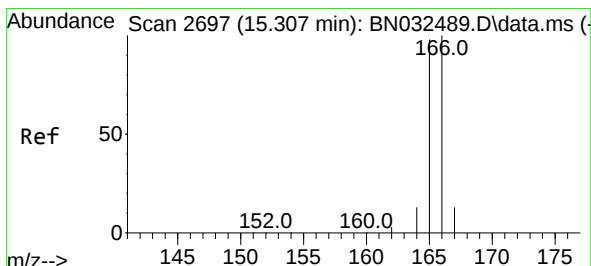
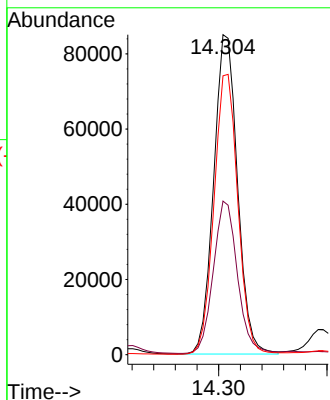
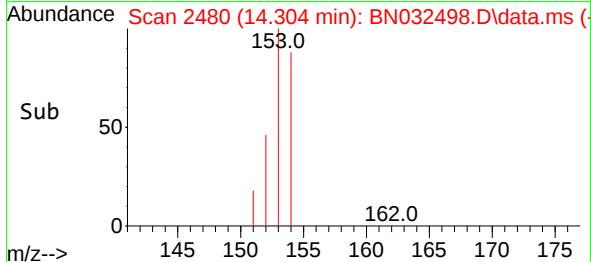
Instrument :
BNA_N
ClientSampleId :
A4CR7



Tgt Ion:153 Resp: 129907
Ion Ratio Lower Upper
153 100
152 48.0 39.5 59.3
154 87.2 71.7 107.5

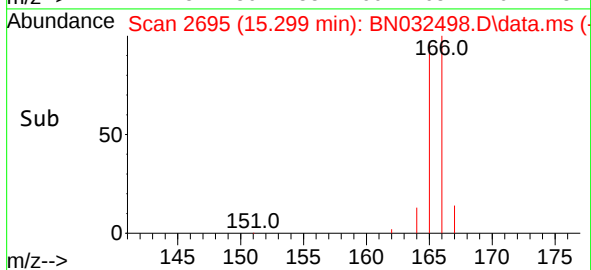
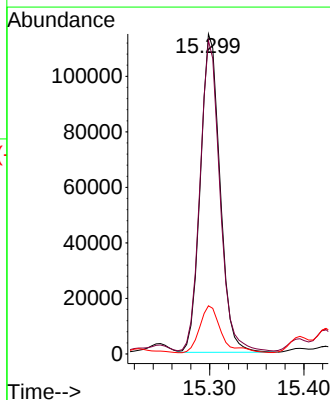
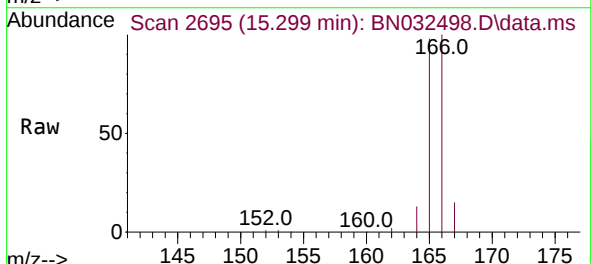
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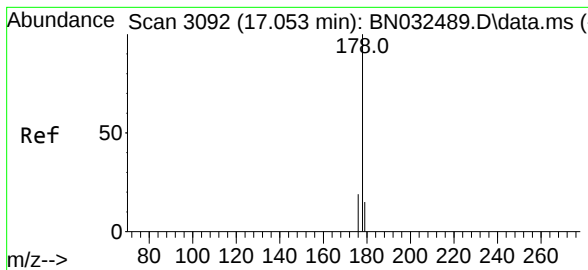
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 3.954 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032498.D
Acq: 05 Jul 2024 06:10

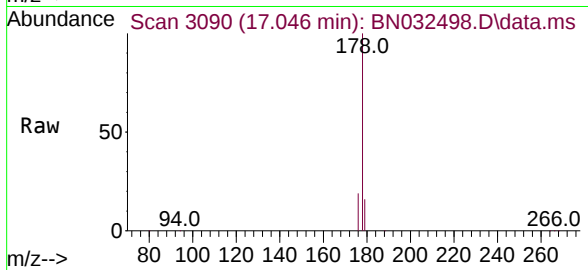
Tgt Ion:166 Resp: 165652
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 15.1 11.0 16.6





#15
 Phenanthrene
 Concen: 39.739 ng/ul m
 RT: 17.046 min Scan# 3092
 Delta R.T. -0.004 min
 Lab File: BN032498.D
 Acq: 05 Jul 2024 06:10

Instrument :
 BNA_N
 ClientSampleId :
 A4CR7

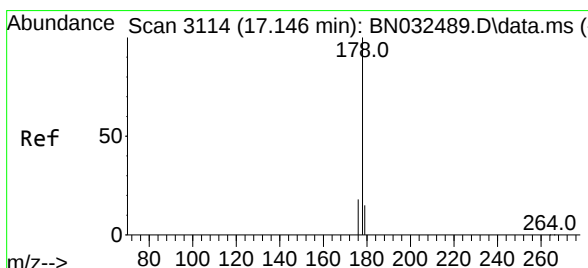
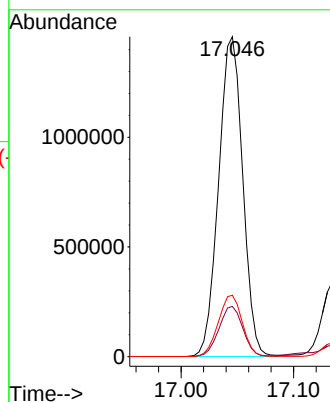
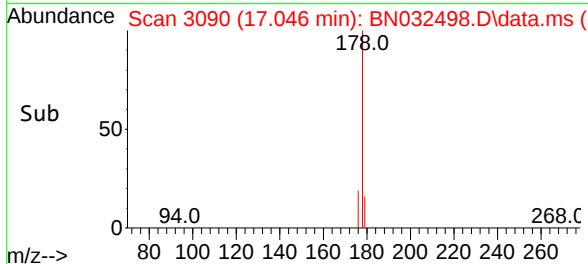


Tgt Ion:178 Resp: 2171130

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.2	15.6	23.4

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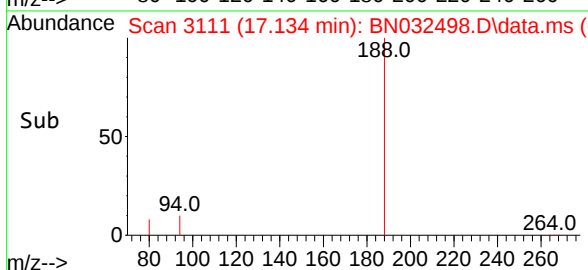
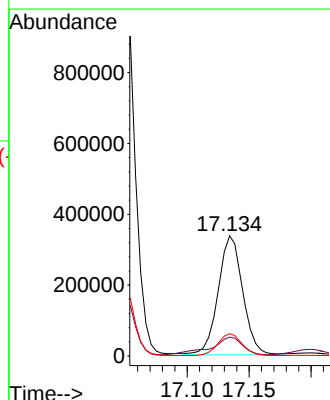
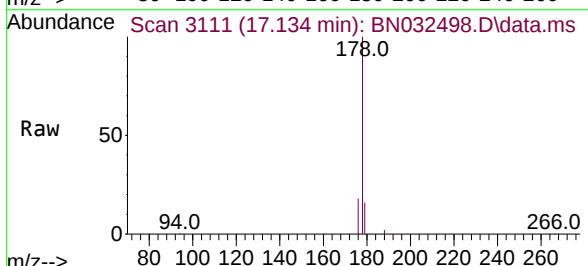
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

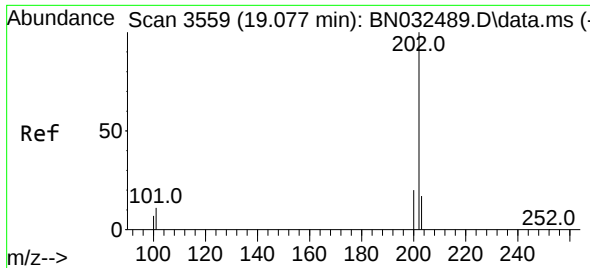


#16
 Anthracene
 Concen: 9.494 ng/ul m
 RT: 17.134 min Scan# 3111
 Delta R.T. -0.008 min
 Lab File: BN032498.D
 Acq: 05 Jul 2024 06:10

Tgt Ion:178 Resp: 462679

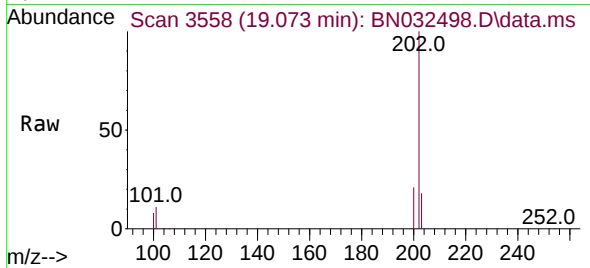
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	18.5	15.0	22.6





#19
Fluoranthene
Concen: 36.495 ng/ul m
RT: 19.073 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BN032498.D
Acq: 05 Jul 2024 06:10

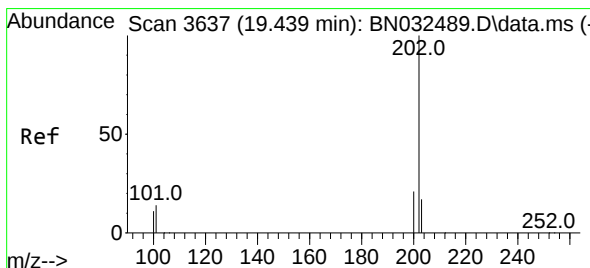
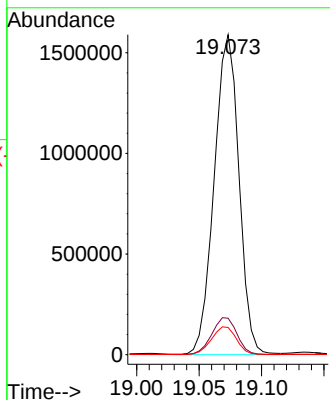
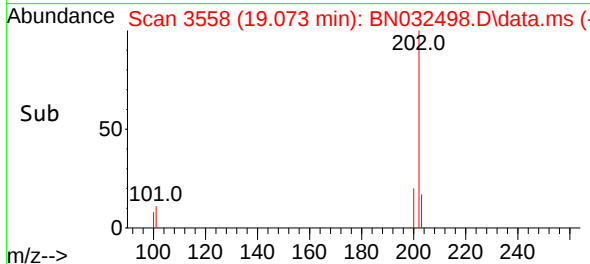
Instrument :
BNA_N
ClientSampleId :
A4CR7



Tgt Ion:202 Resp: 2195150
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.5 6.4 9.6

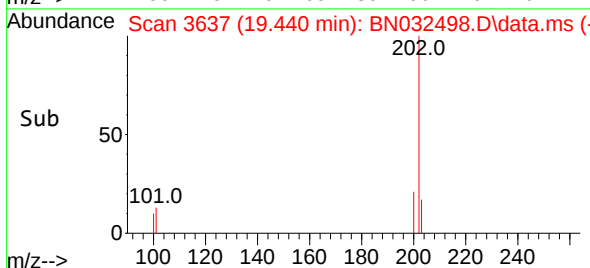
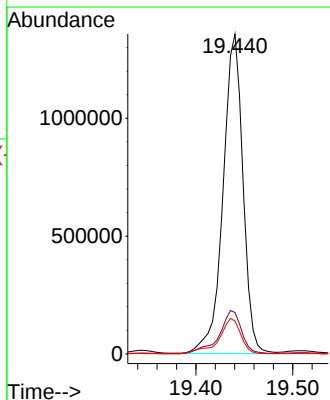
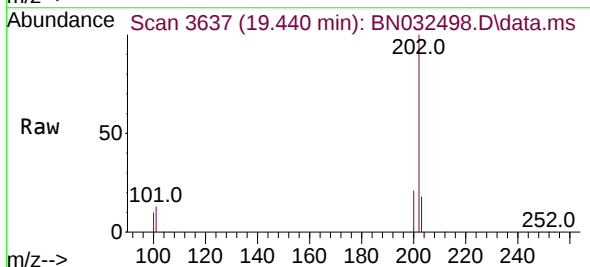
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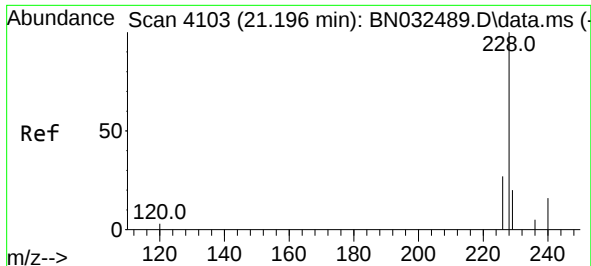
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 31.005 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032498.D
Acq: 05 Jul 2024 06:10

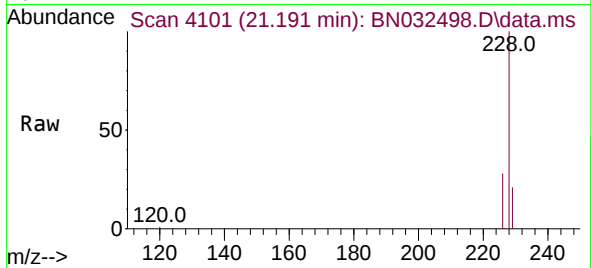
Tgt Ion:202 Resp: 1948910
Ion Ratio Lower Upper
202 100
101 13.0 11.0 16.4
100 10.3 8.7 13.1





#21
Benzo(a)anthracene
Concen: 19.751 ng/ul m
RT: 21.191 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032498.D
Acq: 05 Jul 2024 06:10

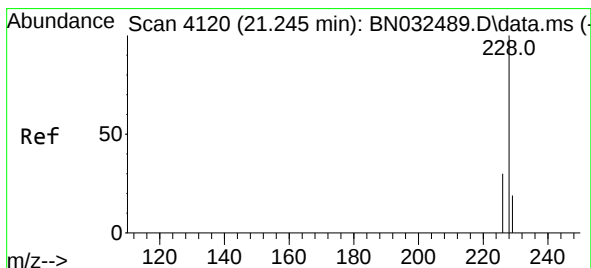
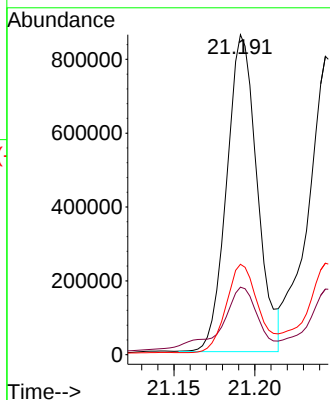
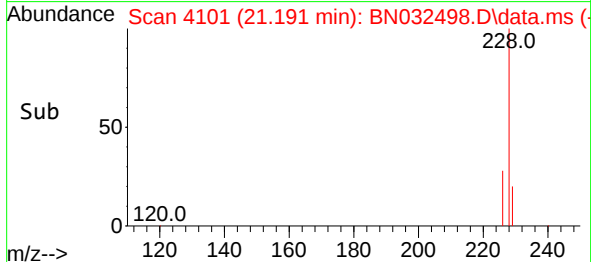
Instrument :
BNA_N
ClientSampleId :
A4CR7



Tgt Ion:228 Resp: 1126035
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.3 21.8 32.8

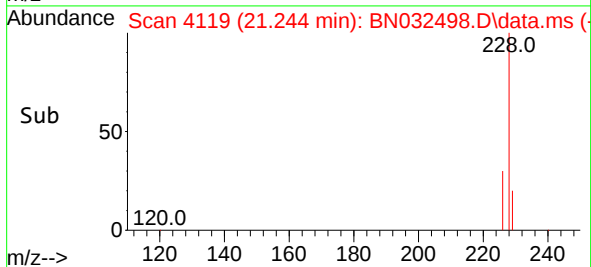
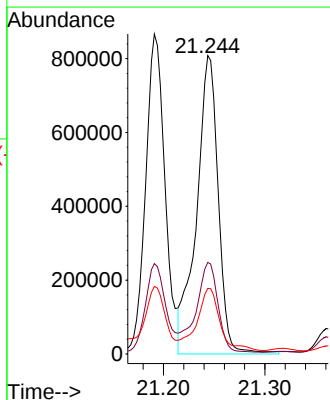
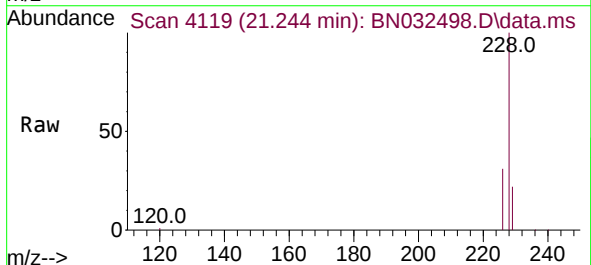
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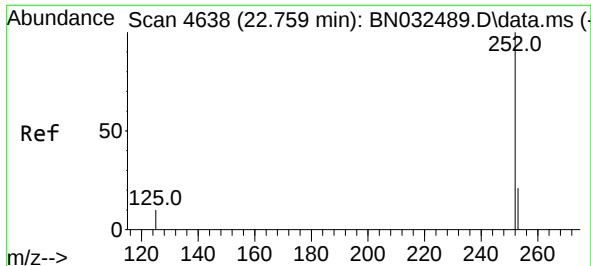
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 19.274 ng/ul m
RT: 21.244 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032498.D
Acq: 05 Jul 2024 06:10

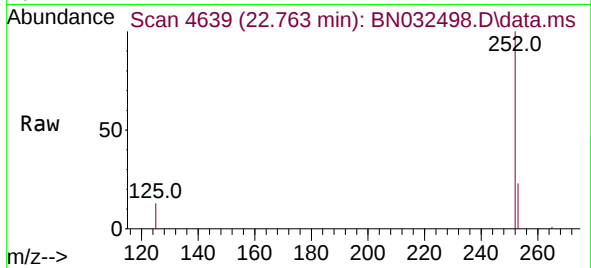
Tgt Ion:228 Resp: 1206082
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 22.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 12.498 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. 0.006 min
Lab File: BN032498.D
Acq: 05 Jul 2024 06:10

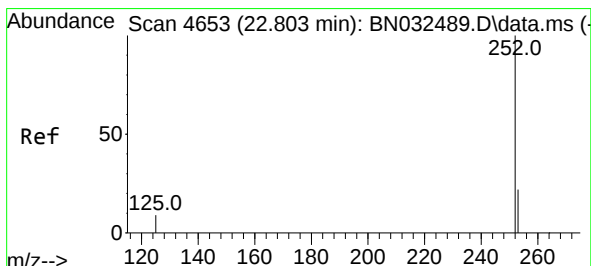
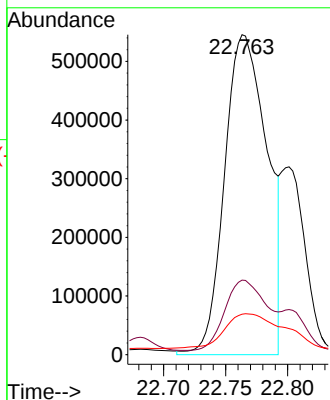
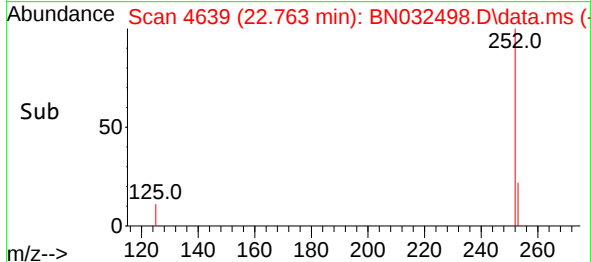
Instrument :
BNA_N
ClientSampleId :
A4CR7



Tgt Ion:252 Resp: 130529
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 12.7 0.0 32.0

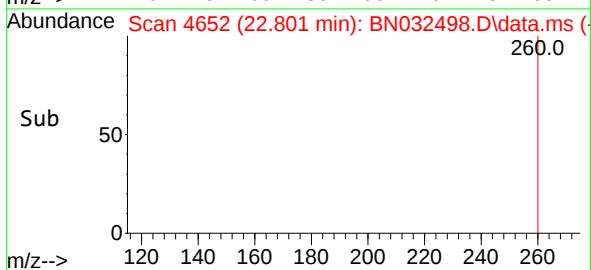
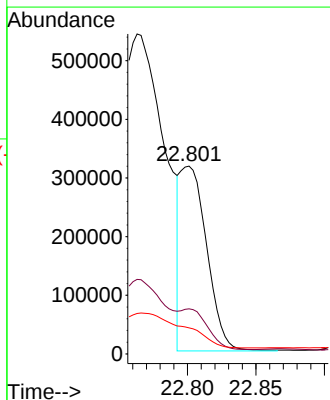
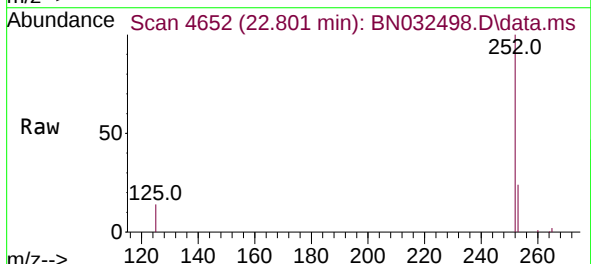
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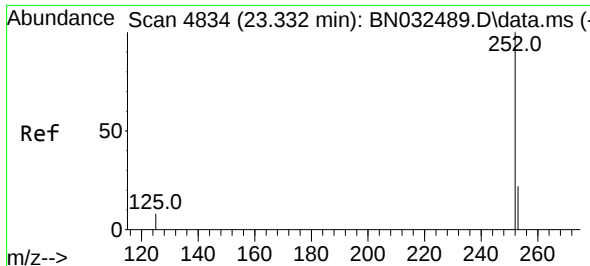
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 4.170 ng/ul m
RT: 22.801 min Scan# 4652
Delta R.T. 0.000 min
Lab File: BN032498.D
Acq: 05 Jul 2024 06:10

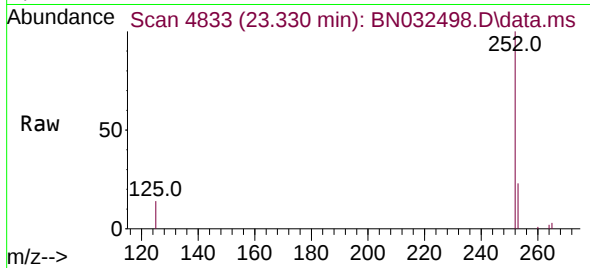
Tgt Ion:252 Resp: 423124
Ion Ratio Lower Upper
252 100
253 24.0 20.3 30.5
125 13.9 12.8 19.2





#26
Benzo(a)pyrene
Concen: 7.769 ng/ul m
RT: 23.330 min Scan# 4834
Delta R.T. 0.003 min
Lab File: BN032498.D
Acq: 05 Jul 2024 06:10

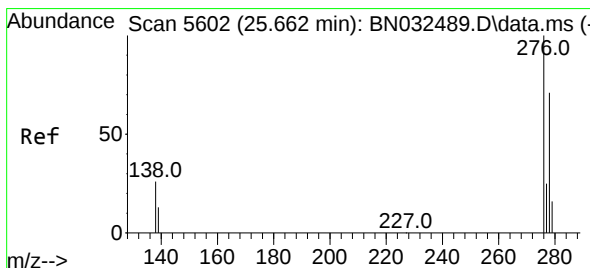
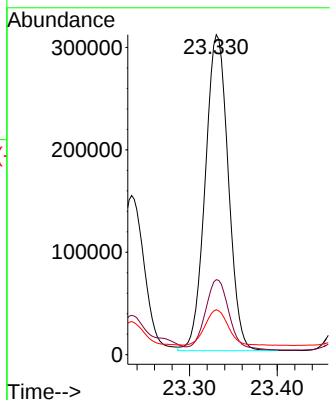
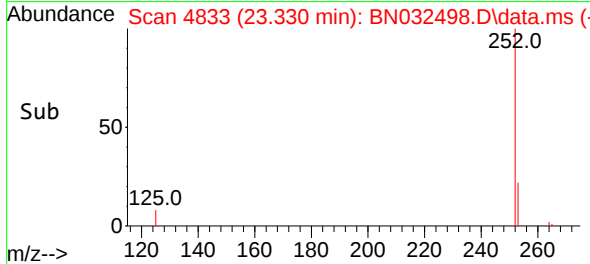
Instrument :
BNA_N
ClientSampleId :
A4CR7



Tgt Ion:252 Resp: 564520
Ion Ratio Lower Upper
252 100
253 23.5 22.2 33.2
125 14.1 16.4 24.6

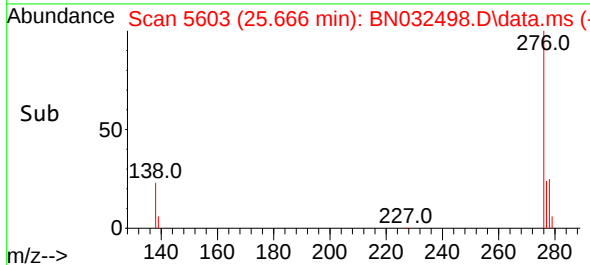
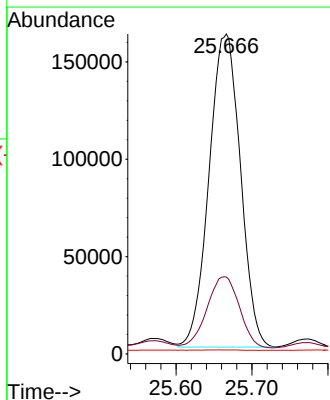
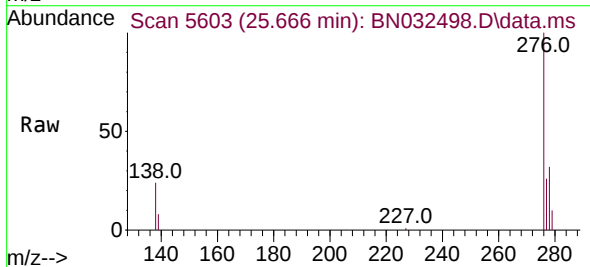
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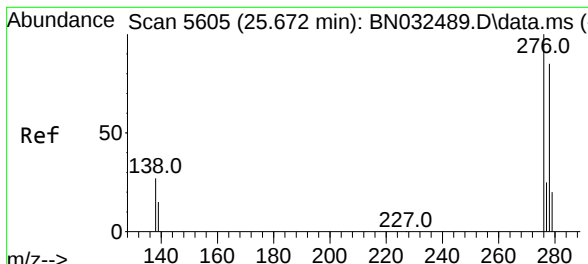
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.053 ng/ul m
RT: 25.666 min Scan# 5603
Delta R.T. 0.007 min
Lab File: BN032498.D
Acq: 05 Jul 2024 06:10

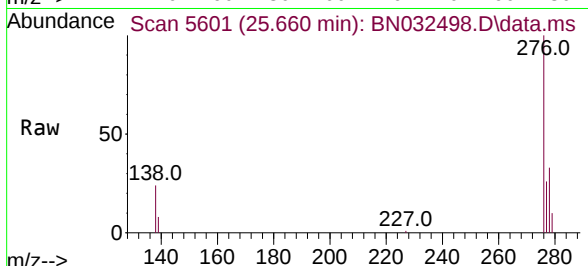
Tgt Ion:276 Resp: 461118
Ion Ratio Lower Upper
276 100
138 1.9 21.3 31.9#
227 0.2 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 2.216 ng/ul m
 RT: 25.660 min Scan# 5601
 Delta R.T. -0.007 min
 Lab File: BN032498.D
 Acq: 05 Jul 2024 06:10

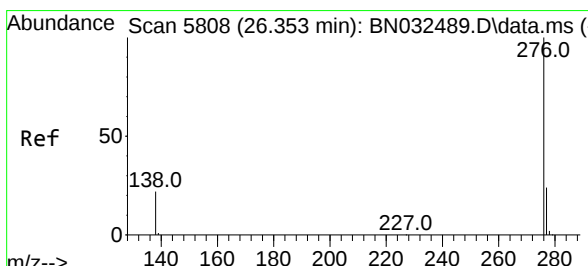
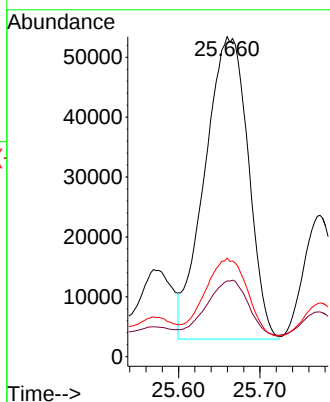
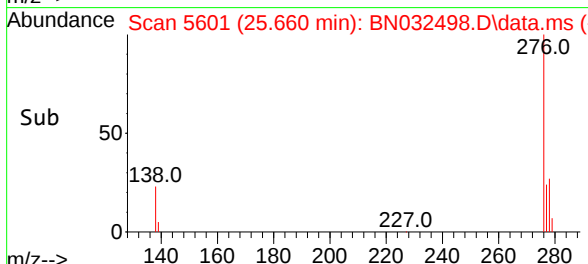
Instrument :
 BNA_N
 ClientSampleId :
 A4CR7



Tgt Ion:278 Resp: 18735
 Ion Ratio Lower Upper
 278 100
 139 23.6 15.9 23.9
 279 30.8 21.1 31.7

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Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.722 ng/ul m
 RT: 26.354 min Scan# 5808
 Delta R.T. 0.010 min
 Lab File: BN032498.D
 Acq: 05 Jul 2024 06:10

Tgt Ion:276 Resp: 65425
 Ion Ratio Lower Upper
 276 100
 138 32.3 19.8 29.6#
 277 32.8 19.8 29.6#

