

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032421.D
 Acq On : 03 Jul 2024 03:59
 Operator : MA/JU
 Sample : P2963-05
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 04:23:47 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	7.603	152	7515	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	24172	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	15441	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	30697m	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	16955m	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	24405m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	29211	3.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	10166	0.280	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	19677m	0.386	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.426	128	90046	1.408	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	37626	0.887	ng/ul	98
8) 1-Methylnaphthalene	12.273	142	25265	0.575	ng/ul	99
10) Acenaphthylene	13.971	152	148958	2.319	ng/ul	100
11) Acenaphthene	14.313	153	58982	1.183	ng/ul	99
12) Fluorene	15.303	166	76397	1.286	ng/ul	99
14) Pentachlorophenol	16.670	266	858m	0.124	ng/ul	
15) Phenanthrene	17.045	178	1390642m	16.524	ng/ul	
16) Anthracene	17.138	178	327900m	4.368	ng/ul	
19) Fluoranthene	19.073	202	2157552m	33.418	ng/ul	
20) Pyrene	19.440	202	1653758m	24.511	ng/ul	
21) Benzo(a)anthracene	21.194	228	1031075m	16.849	ng/ul	
22) Chrysene	21.246	228	1140991m	16.987	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	1459267m	13.763	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	549687m	5.336	ng/ul	
26) Benzo(a)pyrene	23.333	252	591912m	8.024	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	582730m	5.045	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	223478m	2.604	ng/ul	
29) Benzo(g,h,i)perylene	26.357	276	88339m	0.960	ng/ul	

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

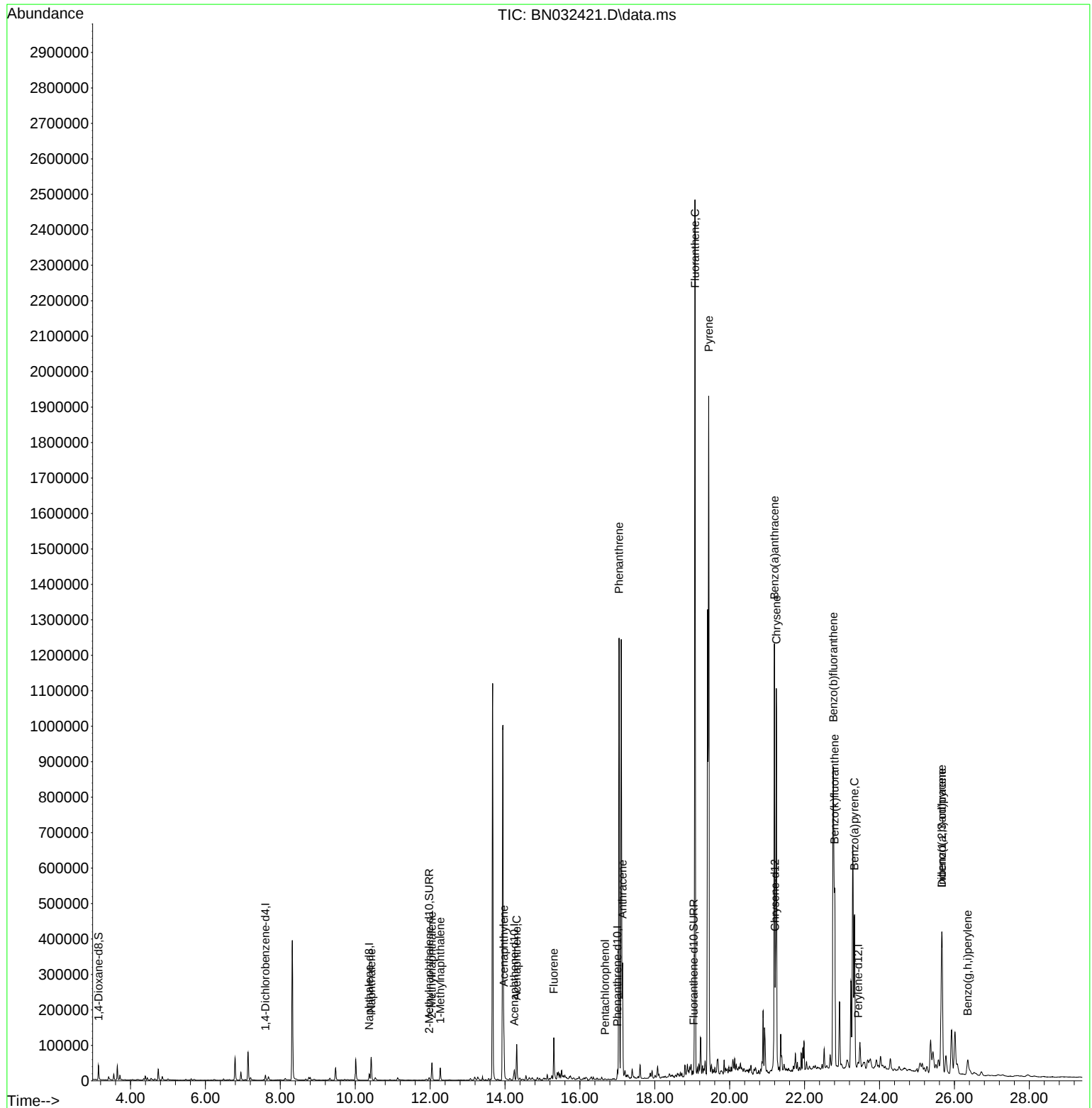
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

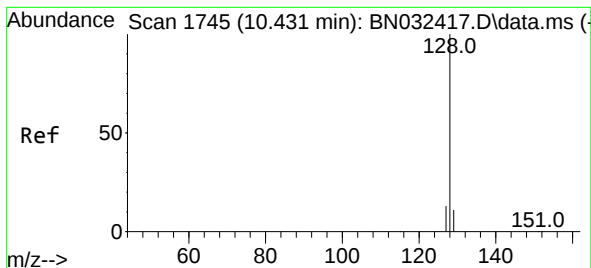
Instrument :
BNA_N
ClientSampleId :
A4CQ6

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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: 1.408 ng/ul

RT: 10.426 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BN032421.D

Acq: 03 Jul 2024 03:59

Instrument :

BNA_N

ClientSampleId :

A4CQ6

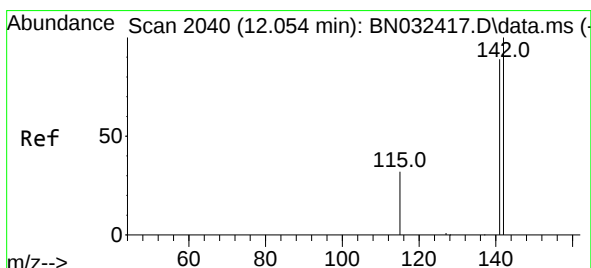
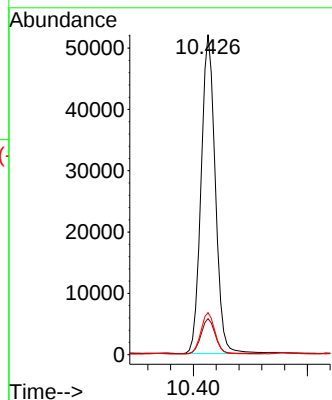
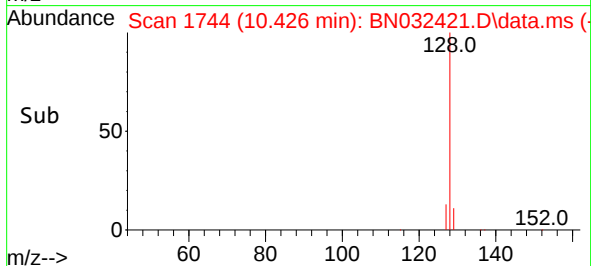
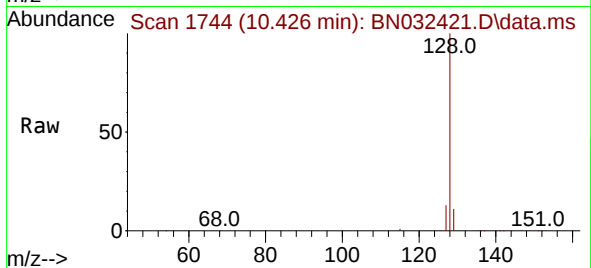
Tgt Ion:128 Resp: 90040
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.2 13.8
 127 13.1 10.8 16.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2024

Supervised By :mohammad ahmed 07/04/2024



#7

2-Methylnaphthalene

Concen: 0.887 ng/ul

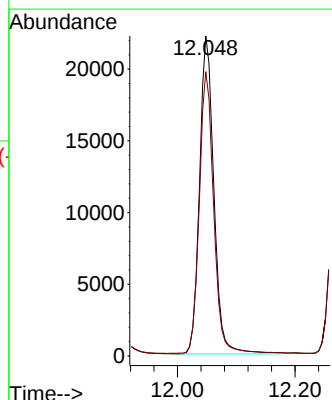
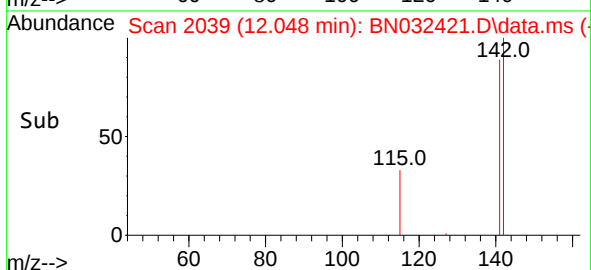
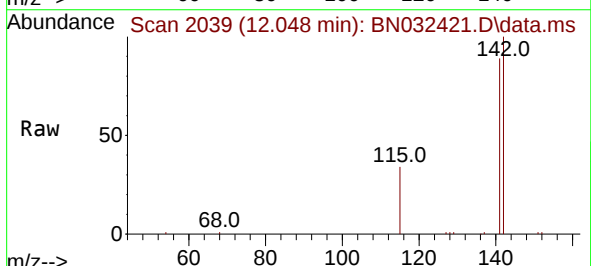
RT: 12.048 min Scan# 2039

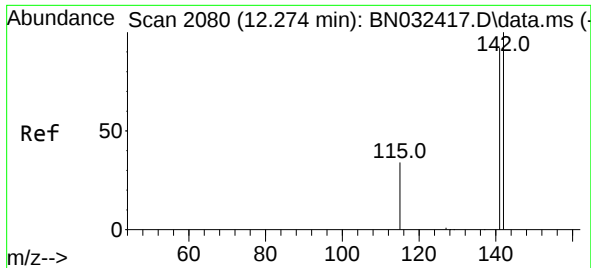
Delta R.T. -0.006 min

Lab File: BN032421.D

Acq: 03 Jul 2024 03:59

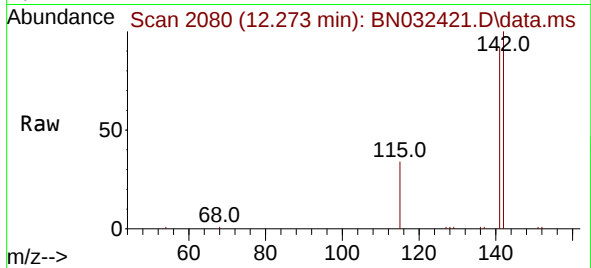
Tgt Ion:142 Resp: 37626
 Ion Ratio Lower Upper
 142 100
 141 88.5 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.575 ng/ul
RT: 12.273 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BN032421.D
Acq: 03 Jul 2024 03:59

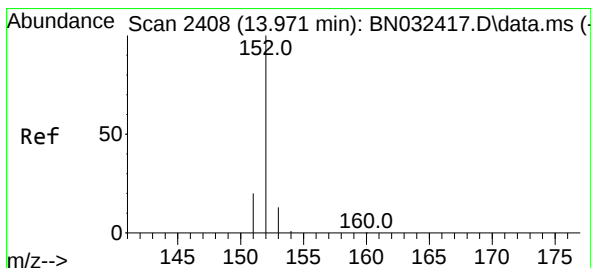
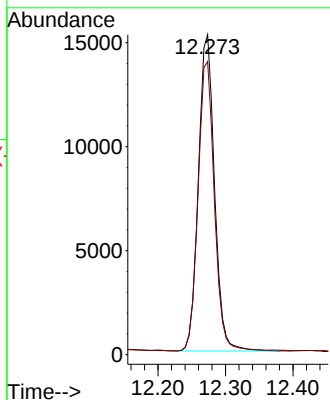
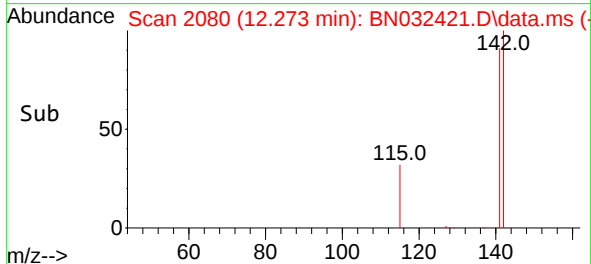
Instrument :
BNA_N
ClientSampleId :
A4CQ6



Tgt Ion:142 Resp: 2526
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0

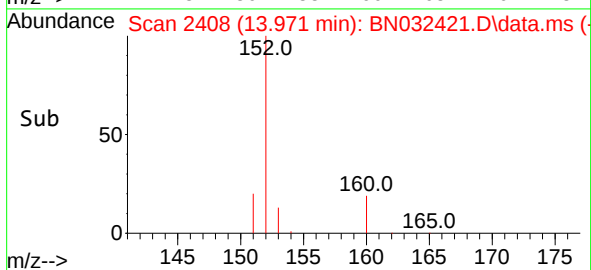
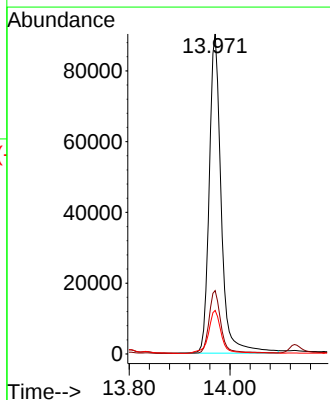
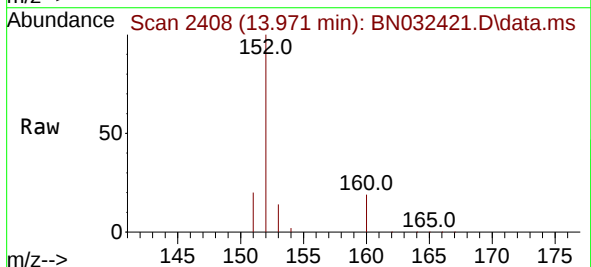
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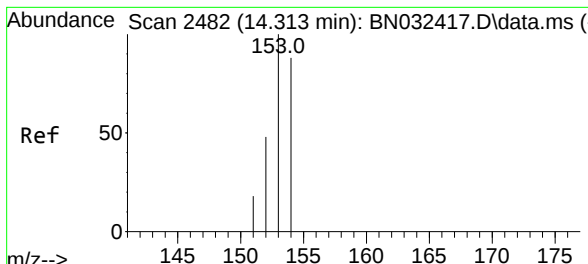
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 2.319 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN032421.D
Acq: 03 Jul 2024 03:59

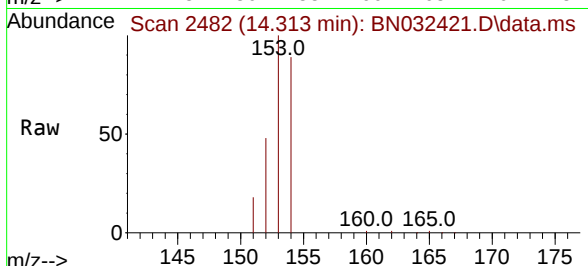
Tgt Ion:152 Resp: 148958
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.6 10.9 16.3





#11
Acenaphthene
Concen: 1.183 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN032421.D
Acq: 03 Jul 2024 03:59

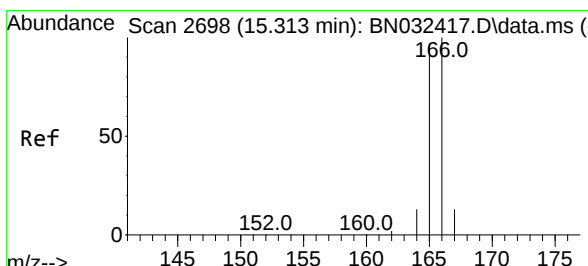
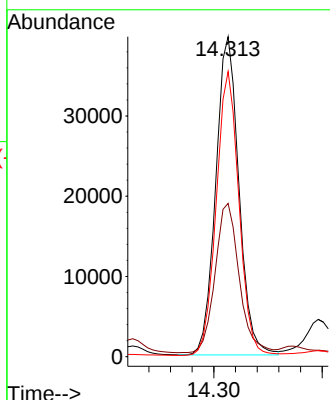
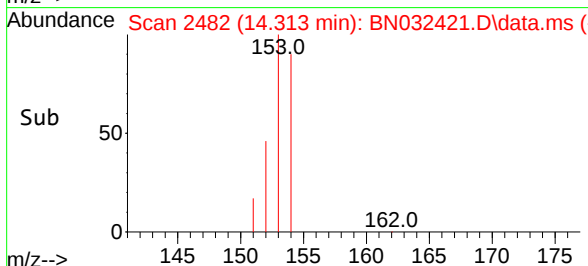
Instrument :
BNA_N
ClientSampleId :
A4CQ6



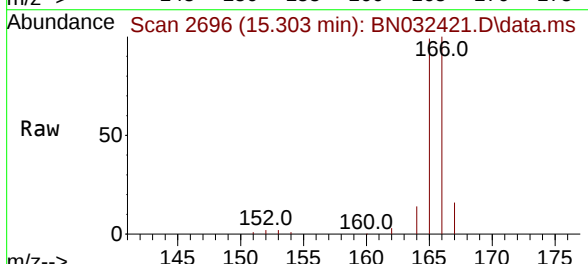
Tgt Ion:153 Resp: 58982
Ion Ratio Lower Upper
153 100
152 47.9 39.5 59.3
154 89.1 71.7 107.5

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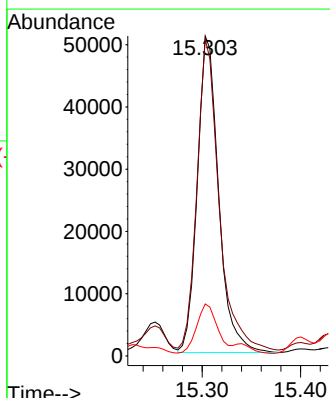
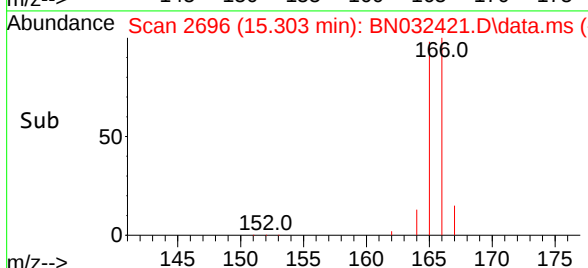
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

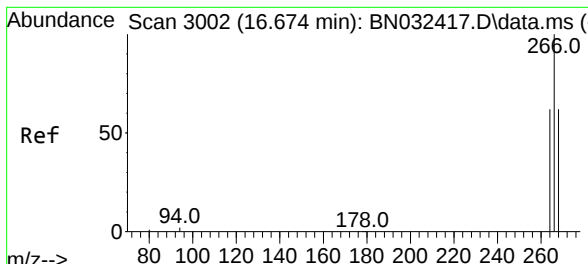


#12
Fluorene
Concen: 1.286 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032421.D
Acq: 03 Jul 2024 03:59



Tgt Ion:166 Resp: 76397
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.6
167 16.2 11.0 16.6





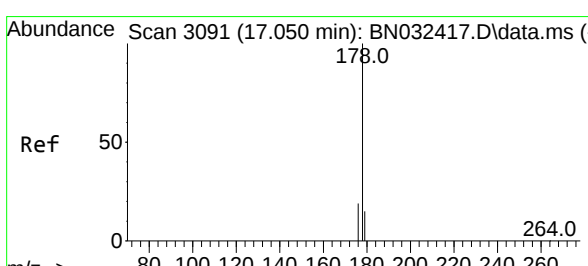
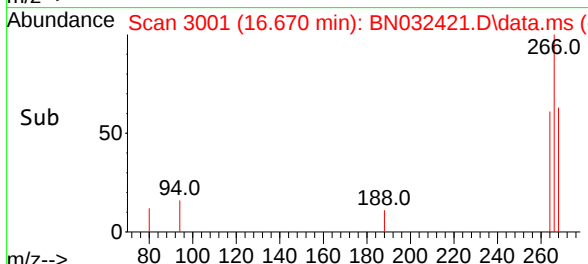
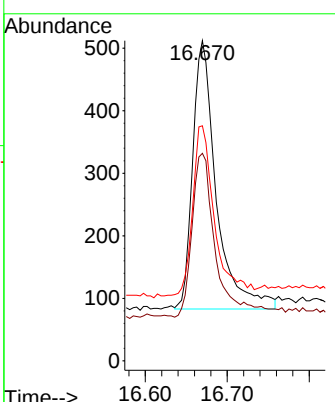
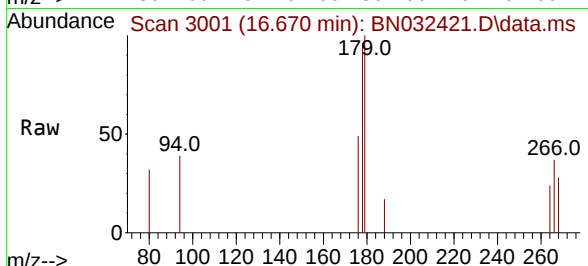
#14
 Pentachlorophenol
 Concen: 0.124 ng/ul m
 RT: 16.670 min Scan# 3001
 Delta R.T. -0.004 min
 Lab File: BN032421.D
 Acq: 03 Jul 2024 03:59

Instrument : BNA_N
 ClientSampleId : A4CQ6

Tgt Ion:	266	Resp:	858
Ion Ratio	Lower	Upper	
266	100		
264	0.0	49.9	74.9
268	0.0	52.4	78.6

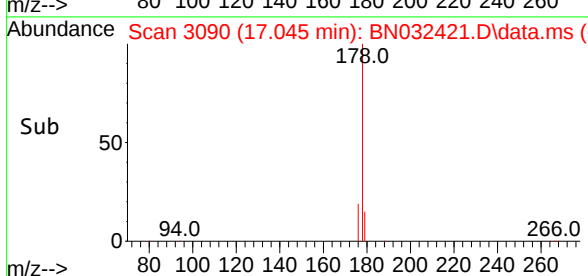
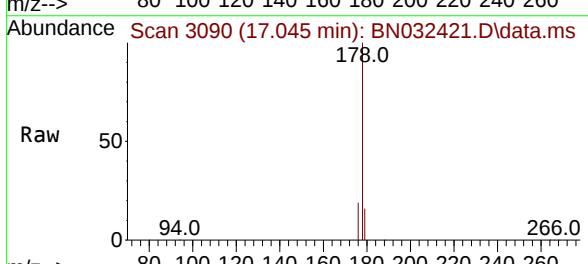
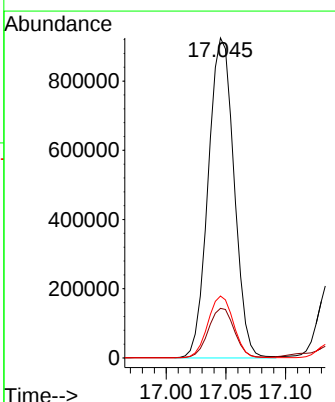
Manual Integrations
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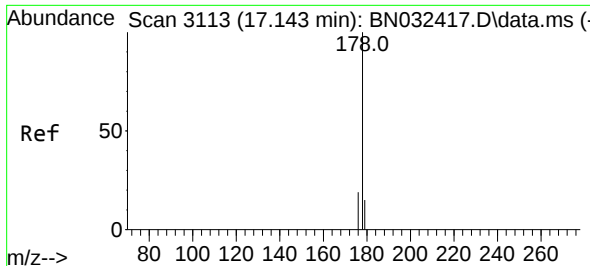
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#15
 Phenanthrene
 Concen: 16.524 ng/ul m
 RT: 17.045 min Scan# 3090
 Delta R.T. -0.004 min
 Lab File: BN032421.D
 Acq: 03 Jul 2024 03:59

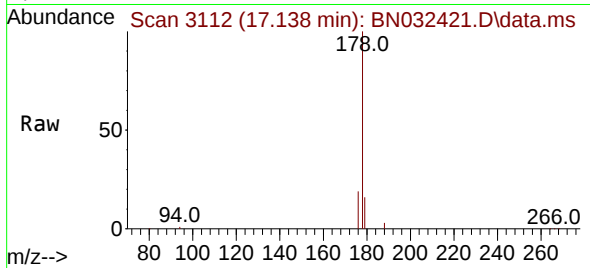
Tgt Ion:	178	Resp:	1390642
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	18.8
176	19.3	15.6	23.4





#16
 Anthracene
 Concen: 4.368 ng/ul m
 RT: 17.138 min Scan# 3112
 Delta R.T. -0.004 min
 Lab File: BN032421.D
 Acq: 03 Jul 2024 03:59

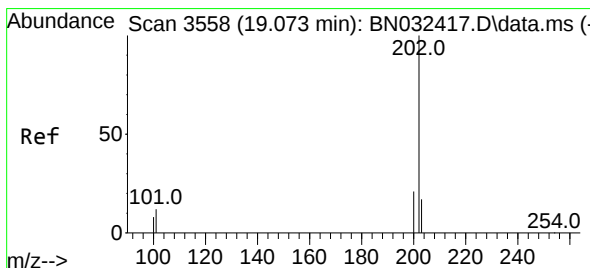
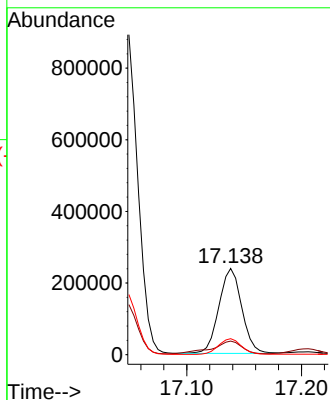
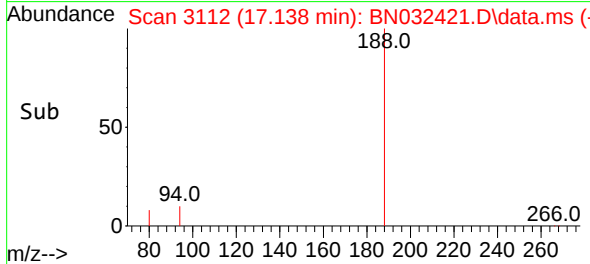
Instrument :
 BNA_N
 ClientSampleId :
 A4CQ6



Tgt Ion:178 Resp: 327900
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.5 18.7
 176 18.6 15.0 22.6

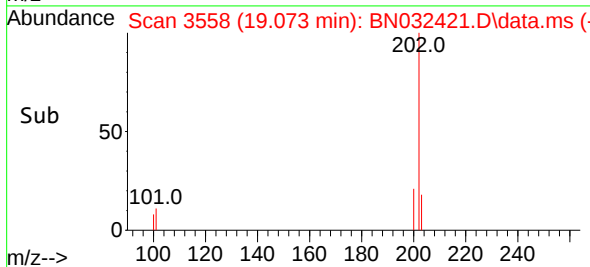
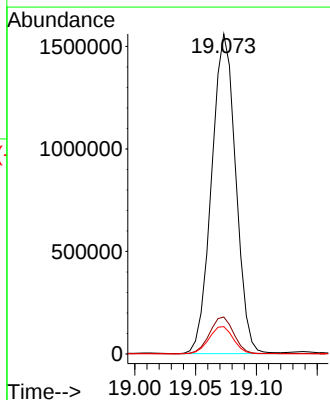
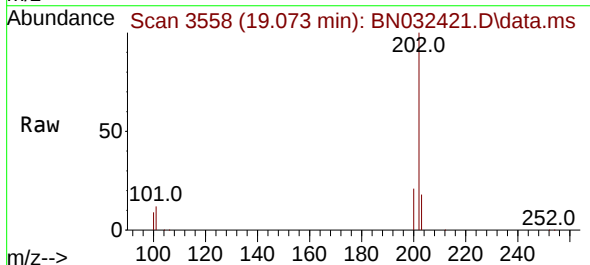
Manual Integrations
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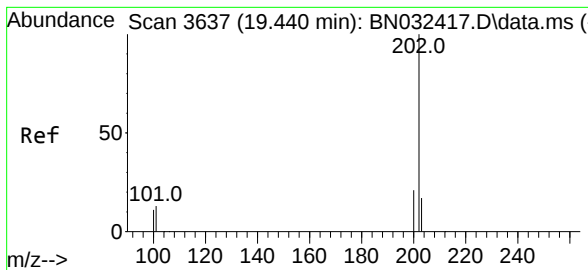
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 33.418 ng/ul m
 RT: 19.073 min Scan# 3558
 Delta R.T. -0.000 min
 Lab File: BN032421.D
 Acq: 03 Jul 2024 03:59

Tgt Ion:202 Resp: 2157552
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.8 13.2
 100 8.6 6.4 9.6





#20

Pyrene

Concen: 24.511 ng/ul m

RT: 19.440 min Scan# 30

Delta R.T. -0.000 min

Lab File: BN032421.D

Acq: 03 Jul 2024 03:59

Instrument :

BNA_N

ClientSampleId :

A4CQ6

Tgt Ion:202 Resp: 165375

Ion Ratio Lower Upper

202 100

101 12.9 11.0 16.4

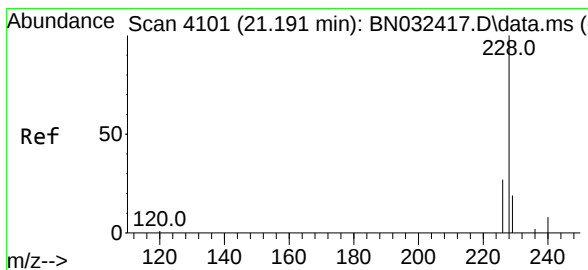
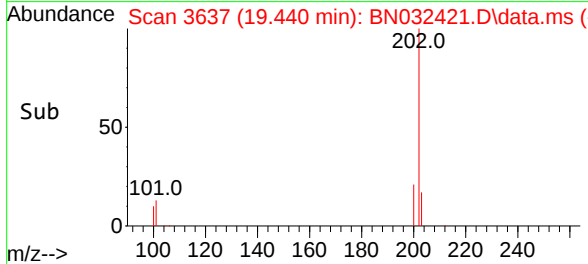
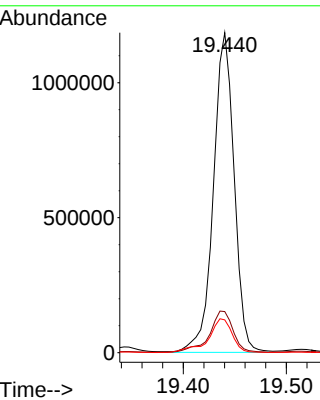
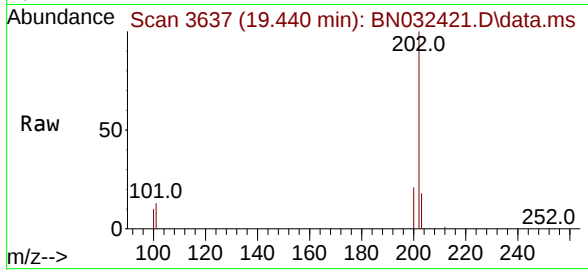
100 10.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2024

Supervised By :mohammad ahmed 07/04/2024



#21

Benzo(a)anthracene

Concen: 16.849 ng/ul m

RT: 21.194 min Scan# 4102

Delta R.T. 0.003 min

Lab File: BN032421.D

Acq: 03 Jul 2024 03:59

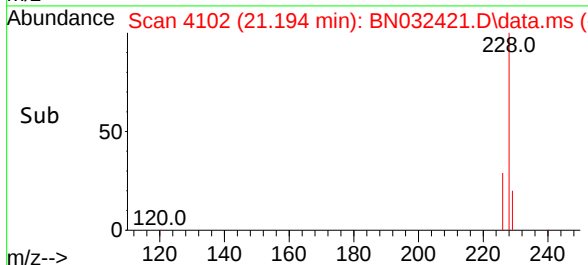
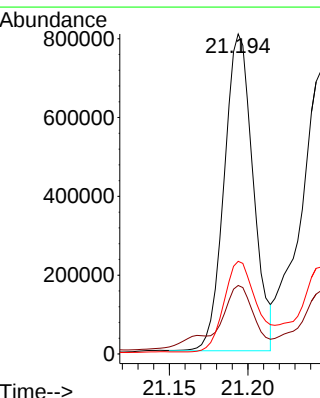
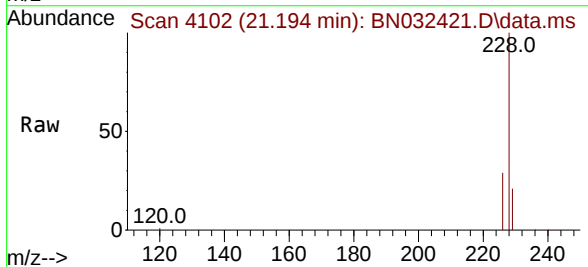
Tgt Ion:228 Resp: 1031075

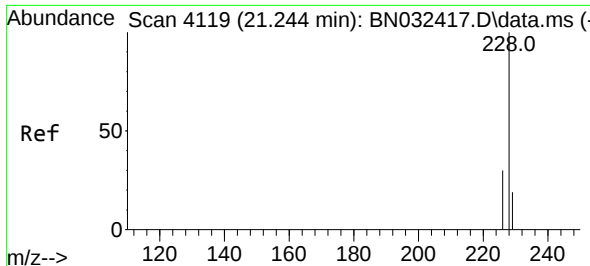
Ion Ratio Lower Upper

228 100

229 21.4 15.7 23.5

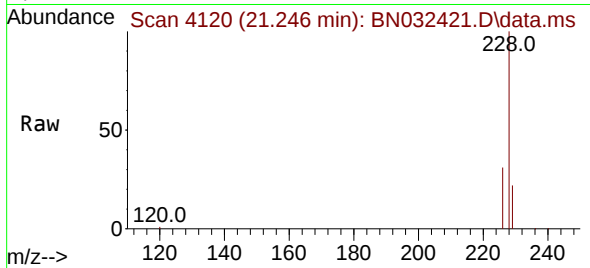
226 29.0 21.8 32.8





#22
Chrysene
Concen: 16.987 ng/ul m
RT: 21.246 min Scan# 4119
Delta R.T. 0.003 min
Lab File: BN032421.D
Acq: 03 Jul 2024 03:59

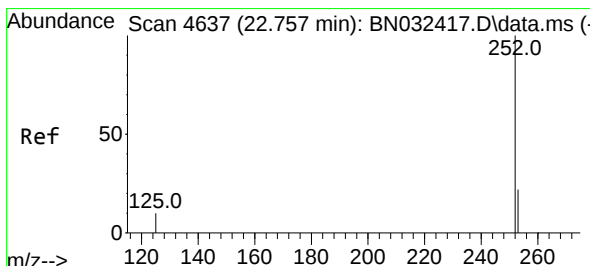
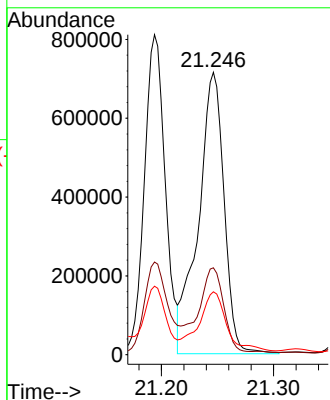
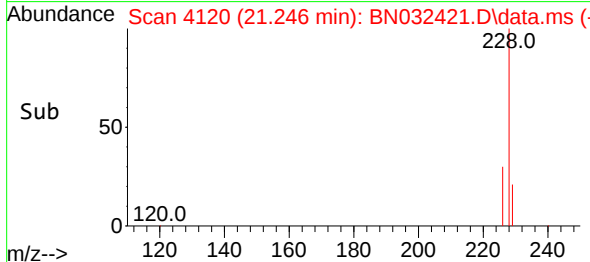
Instrument :
BNA_N
ClientSampleId :
A4CQ6



Tgt Ion:228 Resp: 114099
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 22.3 15.7 23.5

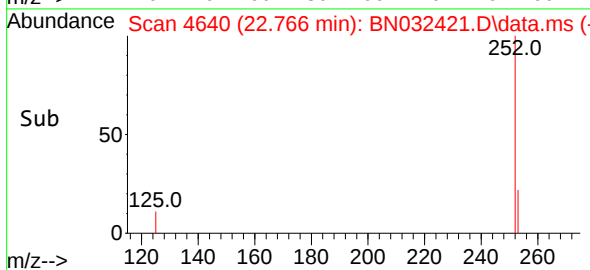
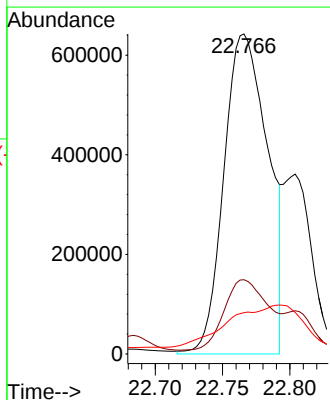
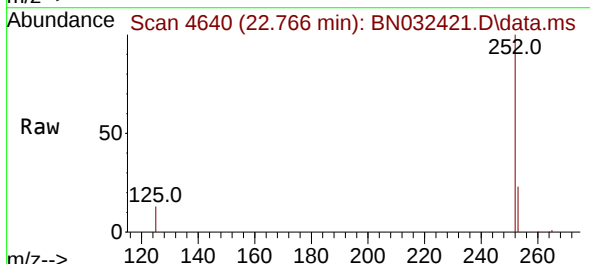
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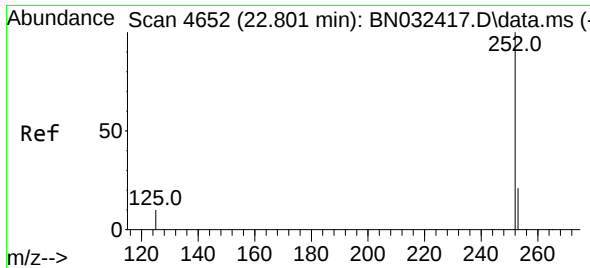
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#24
Benzo(b)fluoranthene
Concen: 13.763 ng/ul m
RT: 22.766 min Scan# 4640
Delta R.T. 0.009 min
Lab File: BN032421.D
Acq: 03 Jul 2024 03:59

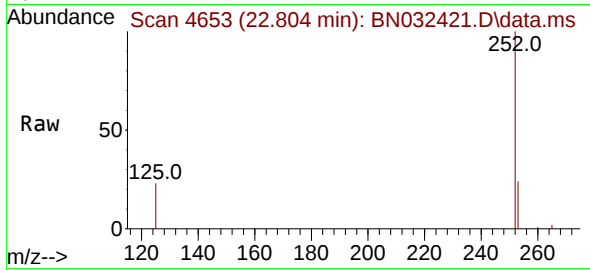
Tgt Ion:252 Resp: 1459267
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.2
125 12.9 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 5.336 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. 0.003 min
Lab File: BN032421.D
Acq: 03 Jul 2024 03:59

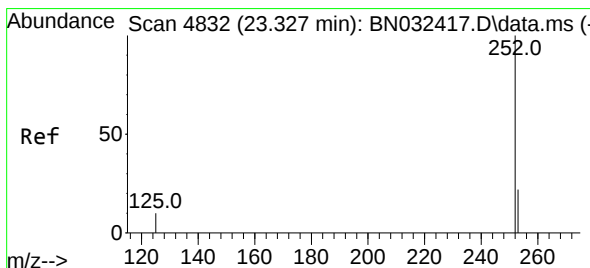
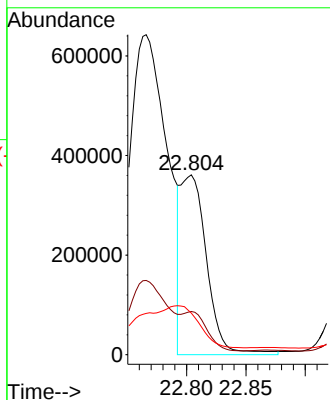
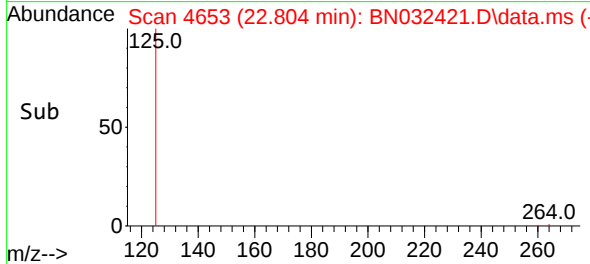
Instrument :
BNA_N
ClientSampleId :
A4CQ6



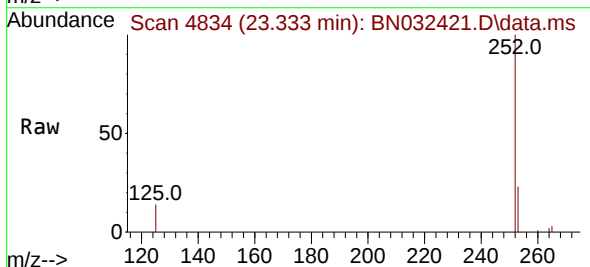
Tgt Ion:252 Resp: 54968
Ion Ratio Lower Upper
252 100
253 24.0 20.3 30.5
125 23.1 12.8 19.2

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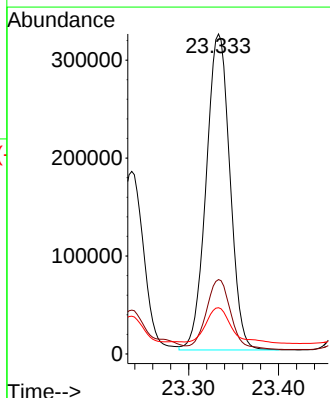
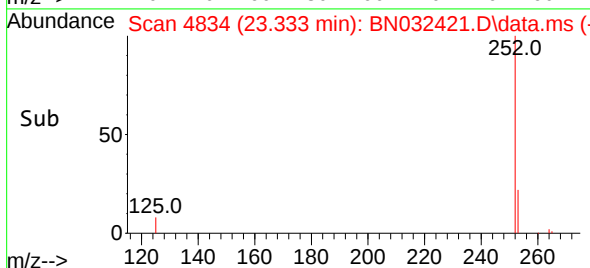
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

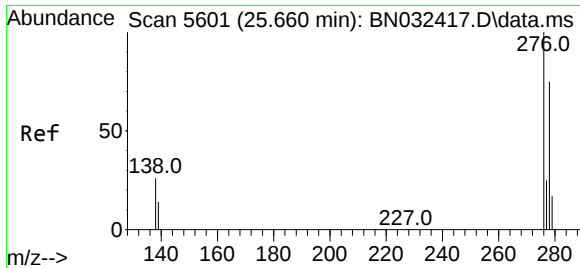


#26
Benzo(a)pyrene
Concen: 8.024 ng/ul m
RT: 23.333 min Scan# 4834
Delta R.T. 0.006 min
Lab File: BN032421.D
Acq: 03 Jul 2024 03:59



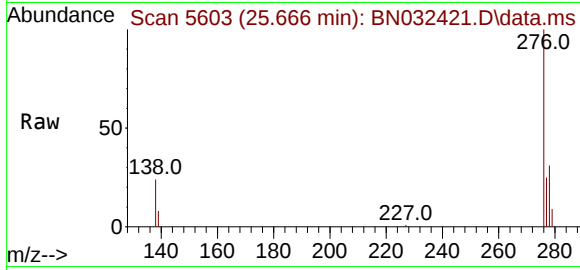
Tgt Ion:252 Resp: 591912
Ion Ratio Lower Upper
252 100
253 23.2 22.2 33.2
125 14.5 16.4 24.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 5.045 ng/ul m
RT: 25.666 min Scan# 5601
Delta R.T. 0.007 min
Lab File: BN032421.D
Acq: 03 Jul 2024 03:59

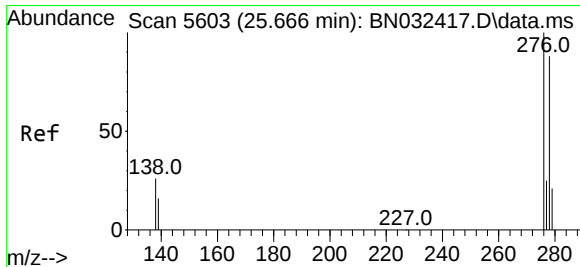
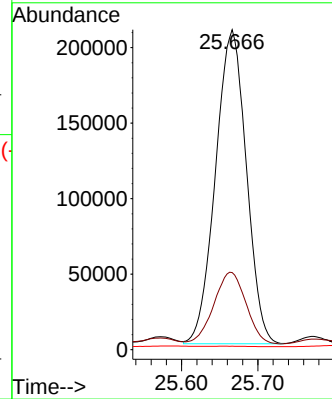
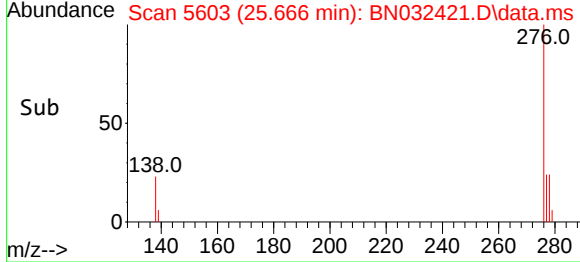
Instrument :
BNA_N
ClientSampleId :
A4CQ6



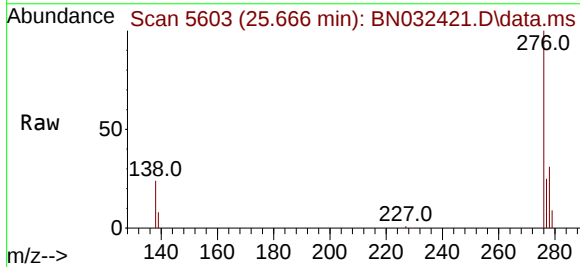
Tgt Ion:276 Resp: 582730
Ion Ratio Lower Upper
276 100
138 2.3 21.3 31.9
227 0.0 0.1 0.1

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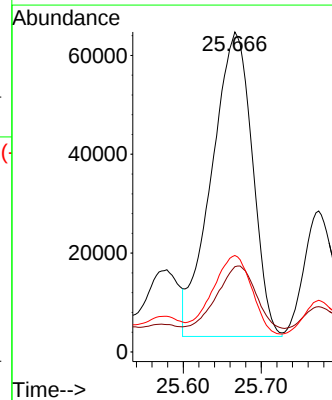
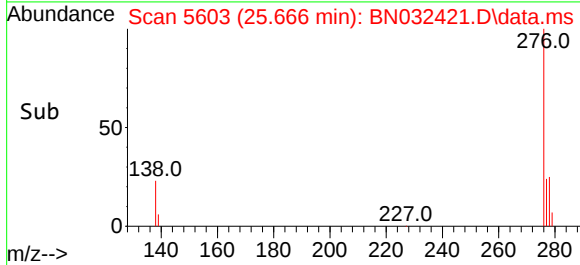
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

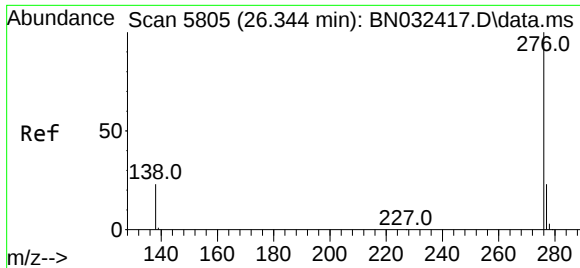


#28
Dibenzo(a,h)anthracene
Concen: 2.604 ng/ul m
RT: 25.666 min Scan# 5603
Delta R.T. -0.000 min
Lab File: BN032421.D
Acq: 03 Jul 2024 03:59



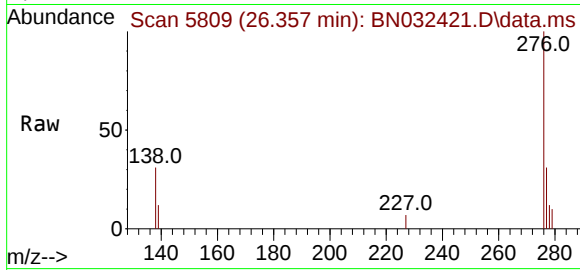
Tgt Ion:278 Resp: 223478
Ion Ratio Lower Upper
278 100
139 26.6 15.9 23.9
279 30.2 21.1 31.7





#29
Benzo(g,h,i)perylene
Concen: 0.960 ng/ul m
RT: 26.357 min Scan# 5809
Delta R.T. 0.013 min
Lab File: BN032421.D
Acq: 03 Jul 2024 03:59

Instrument :
BNA_N
ClientSampleId :
A4CQ6



Tgt Ion:276 Resp: 88339
Ion Ratio Lower Upper
276 100
138 30.9 19.8 29.6
277 31.1 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

