

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032416.D
 Acq On : 03 Jul 2024 00:23
 Operator : MA/JU
 Sample : P2963-15
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR9

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7157	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.376	136	22992	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.249	164	13998	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.003	188	27090m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.206	240	15204m	0.400	ng/ul	-0.02
23) Perylene-d12	23.418	264	19436m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	26080	3.278	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.977	152	8645	0.251	ng/ul	-0.02
18) Fluoranthene-d10	19.041	212	14834m	0.324	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.426	128	36858	0.606	ng/ul	100
7) 2-Methylnaphthalene	12.054	142	12239	0.303	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	8625	0.206	ng/ul	99
10) Acenaphthylene	13.971	152	49527	0.851	ng/ul	99
11) Acenaphthene	14.313	153	26353	0.583	ng/ul	99
12) Fluorene	15.303	166	31340	0.582	ng/ul	99
14) Pentachlorophenol	16.670	266	327m	0.053	ng/ul	
15) Phenanthrene	17.046	178	669122m	9.009	ng/ul	
16) Anthracene	17.138	178	124855m	1.885	ng/ul	
19) Fluoranthene	19.069	202	1334551m	23.051	ng/ul	
20) Pyrene	19.436	202	923286m	15.260	ng/ul	
21) Benzo(a)anthracene	21.188	228	537902m	9.802	ng/ul	
22) Chrysene	21.241	228	639370m	10.615	ng/ul	
24) Benzo(b)fluoranthene	22.754	252	908860m	10.763	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	325297m	3.965	ng/ul	
26) Benzo(a)pyrene	23.322	252	321661m	5.475	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.650	276	335129m	3.643	ng/ul	
28) Dibenzo(a,h)anthracene	25.653	278	119519m	1.749	ng/ul	
29) Benzo(g,h,i)perylene	26.340	276	48836m	0.666	ng/ul	

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

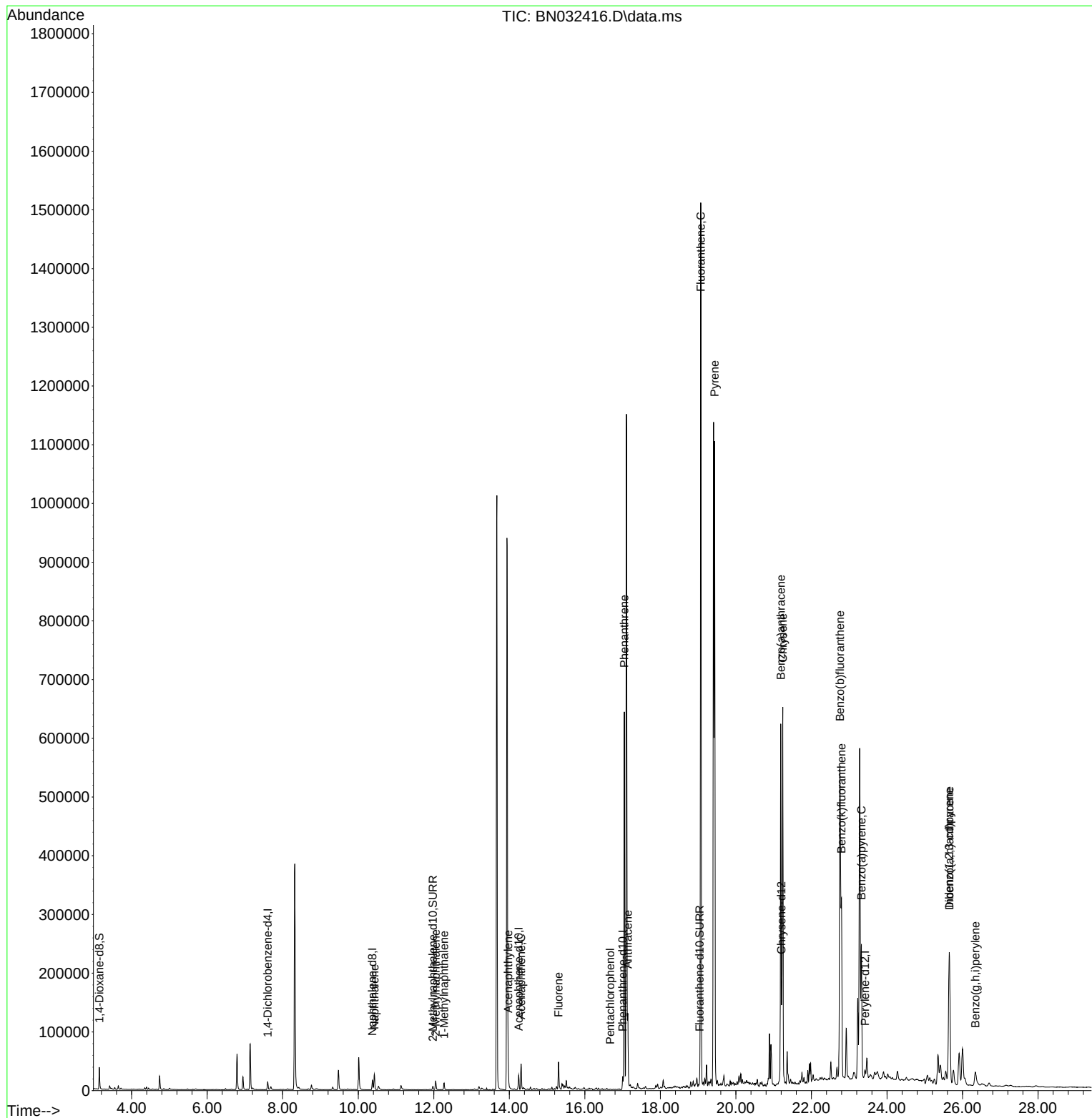
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

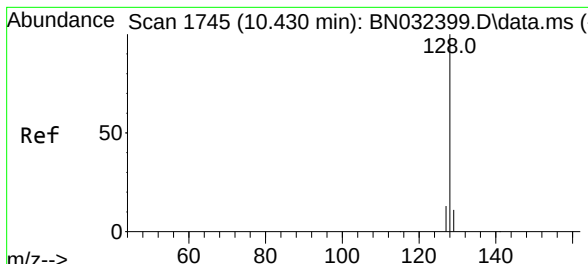
Instrument :
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ClientSampleId :
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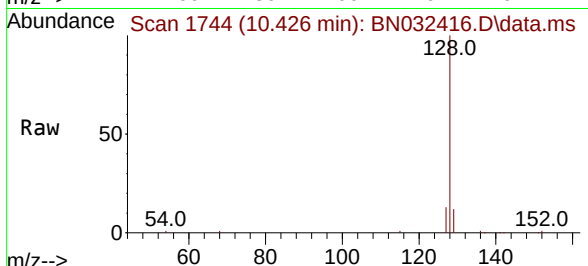
Quant Time: Jul 03 00:48:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.606 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.022 min
Lab File: BN032416.D
Acq: 03 Jul 2024 00:23

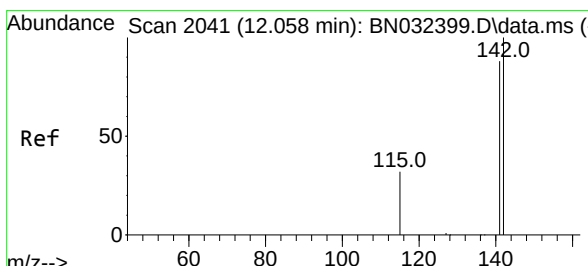
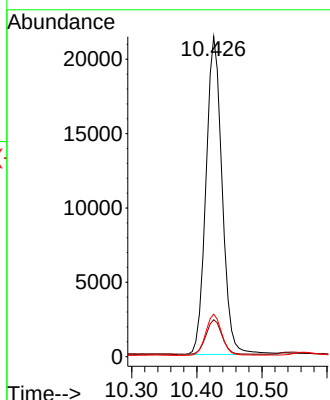
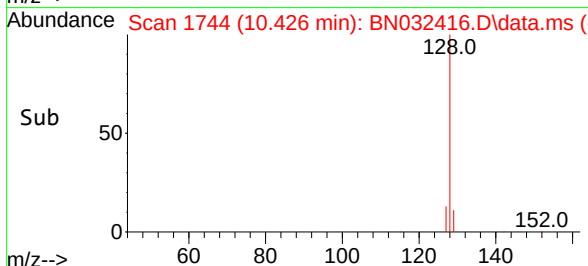
Instrument :
BNA_N
ClientSampleId :
A4CR9



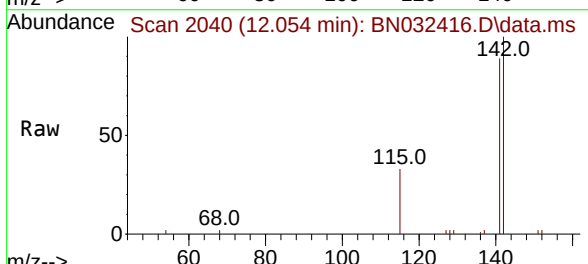
Tgt Ion:128 Resp: 36858
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.8 16.2

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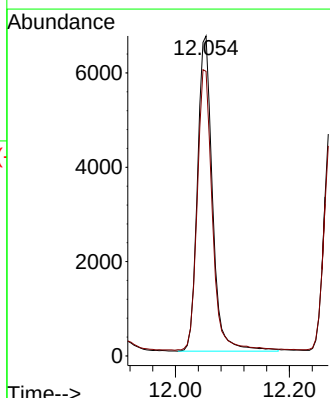
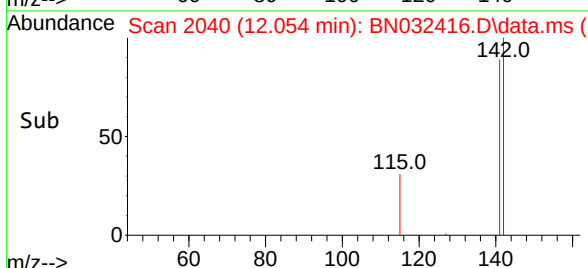
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

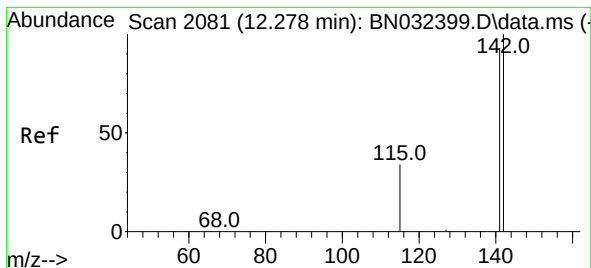


#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.022 min
Lab File: BN032416.D
Acq: 03 Jul 2024 00:23



Tgt Ion:142 Resp: 12239
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.206 ng/ul

RT: 12.274 min Scan# 2081

Delta R.T. -0.022 min

Lab File: BN032416.D

Acq: 03 Jul 2024 00:23

Instrument :

BNA_N

ClientSampleId :

A4CR9

Tgt Ion:142 Resp: 862

Ion Ratio Lower Upper

142 100

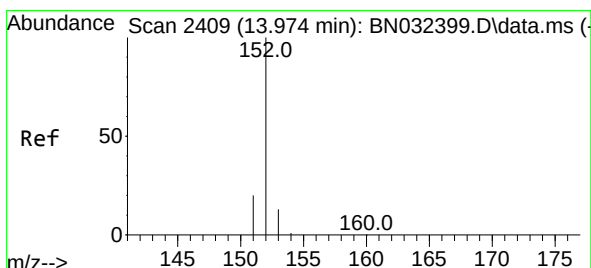
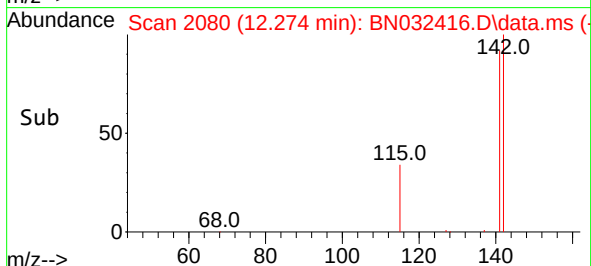
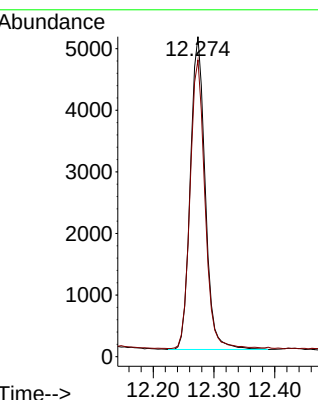
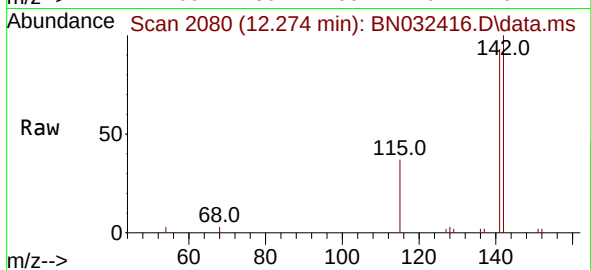
141 92.4 73.4 110.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2024

Supervised By :mohammad ahmed 07/04/2024



#10

Acenaphthylene

Concen: 0.851 ng/ul

RT: 13.971 min Scan# 2408

Delta R.T. -0.019 min

Lab File: BN032416.D

Acq: 03 Jul 2024 00:23

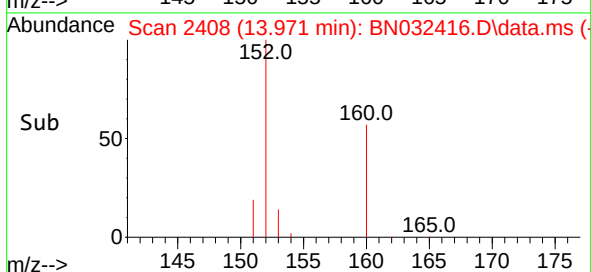
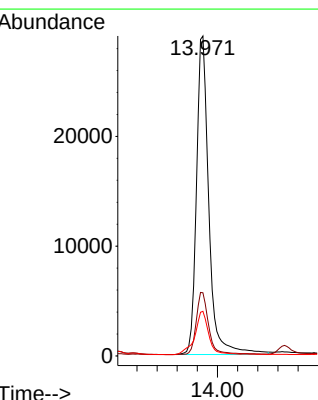
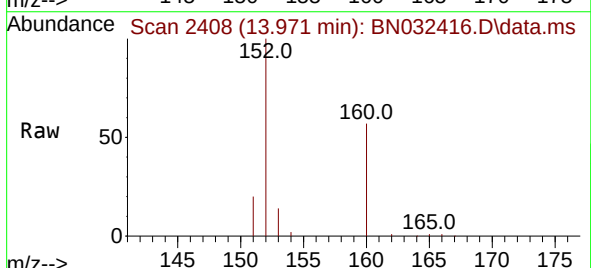
Tgt Ion:152 Resp: 49527

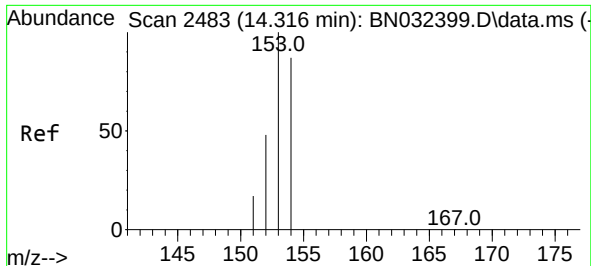
Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

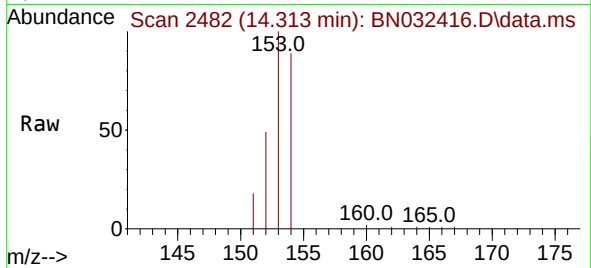
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 0.583 ng/u1
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032416.D
Acq: 03 Jul 2024 00:23

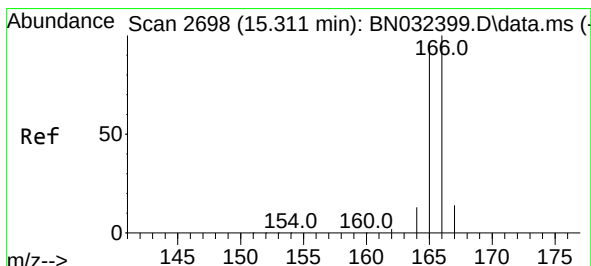
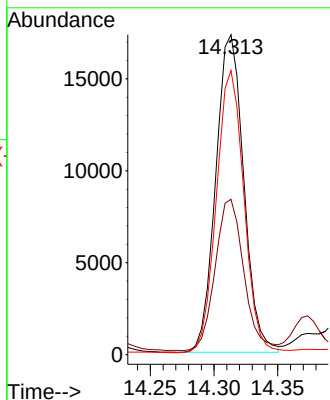
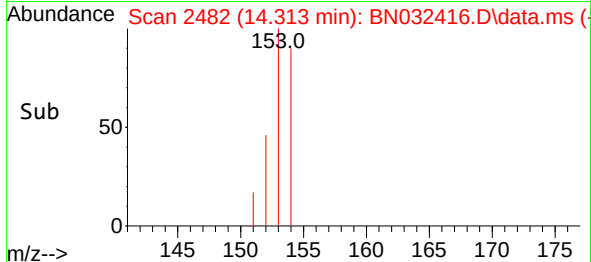
Instrument :
BNA_N
ClientSampleId :
A4CR9



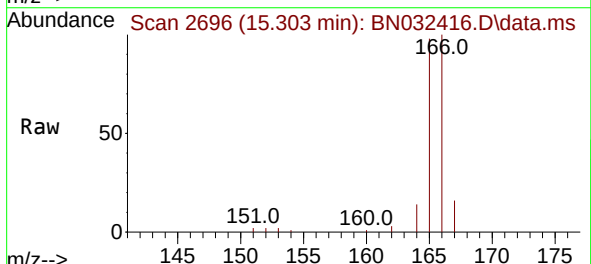
Tgt Ion:153 Resp: 2635
Ion Ratio Lower Upper
153 100
152 48.6 39.5 59.3
154 88.8 71.7 107.5

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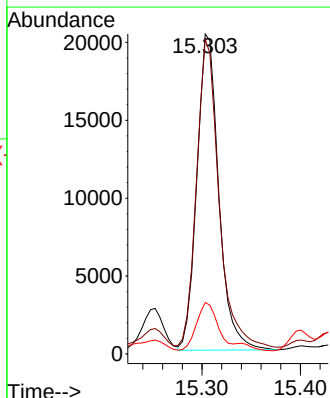
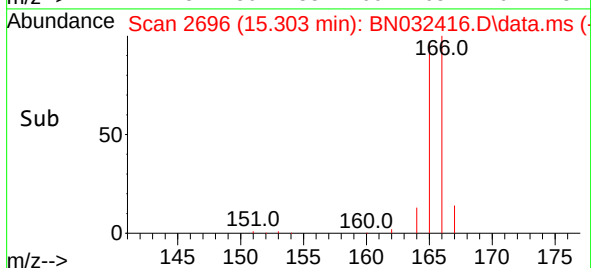
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

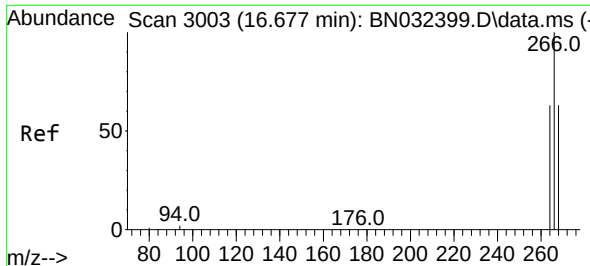


#12
Fluorene
Concen: 0.582 ng/u1
RT: 15.303 min Scan# 2696
Delta R.T. -0.023 min
Lab File: BN032416.D
Acq: 03 Jul 2024 00:23



Tgt Ion:166 Resp: 31340
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 16.1 11.0 16.6





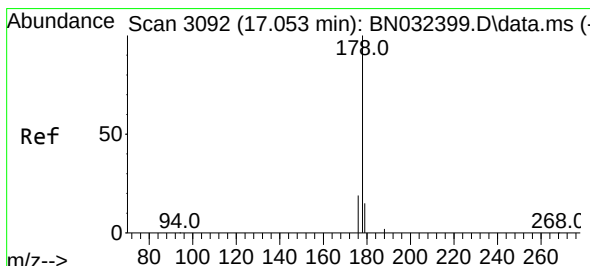
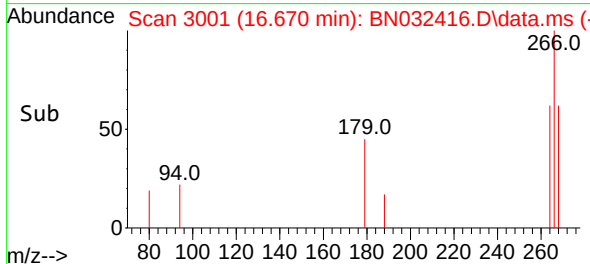
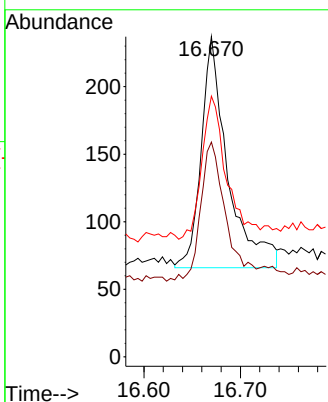
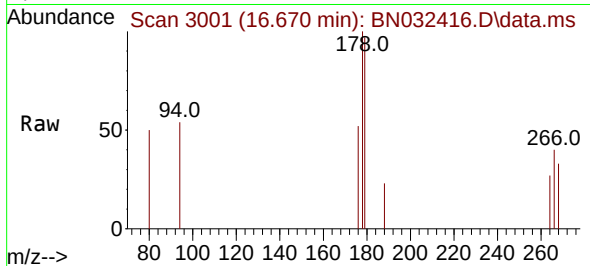
#14
 Pentachlorophenol
 Concen: 0.053 ng/ul m
 RT: 16.670 min Scan# 3003
 Delta R.T. -0.030 min
 Lab File: BN032416.D
 Acq: 03 Jul 2024 00:23

Instrument :
 BNA_N
 ClientSampleId :
 A4CR9

Tgt Ion:266	Resp:	327
Ion Ratio	Lower	Upper
266	100	
264	1.2	49.9 74.9
268	0.9	52.4 78.6

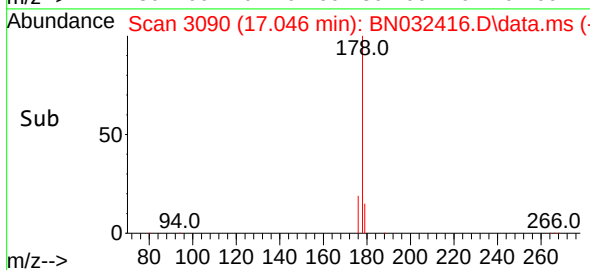
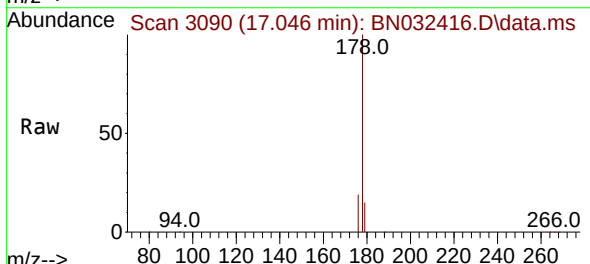
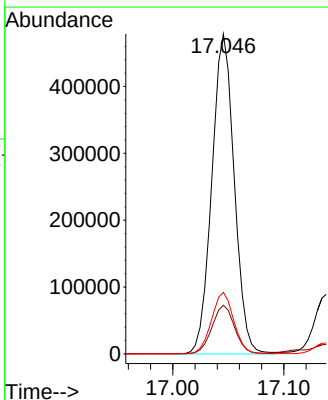
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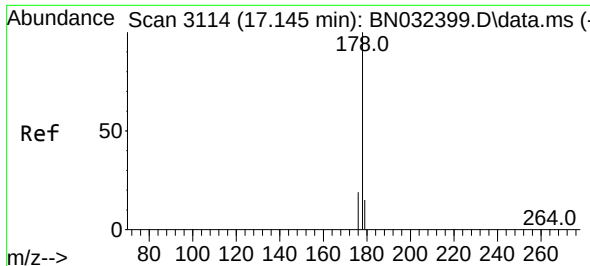
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#15
 Phenanthrene
 Concen: 9.009 ng/ul m
 RT: 17.046 min Scan# 3090
 Delta R.T. -0.021 min
 Lab File: BN032416.D
 Acq: 03 Jul 2024 00:23

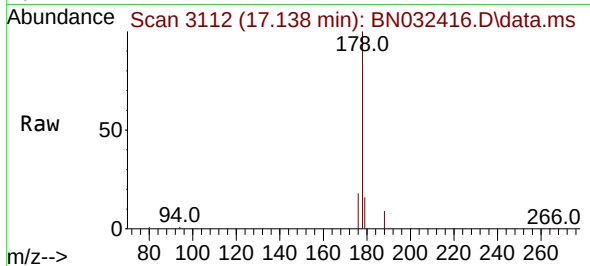
Tgt Ion:178	Resp:	669122
Ion Ratio	Lower	Upper
178	100	
179	15.2	12.6 18.8
176	19.3	15.6 23.4





#16
 Anthracene
 Concen: 1.885 ng/ul m
 RT: 17.138 min Scan# 3112
 Delta R.T. -0.021 min
 Lab File: BN032416.D
 Acq: 03 Jul 2024 00:23

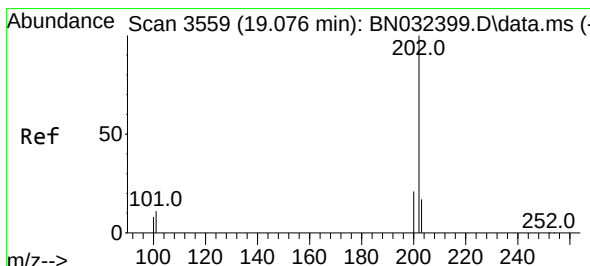
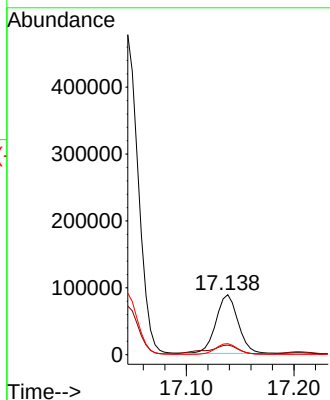
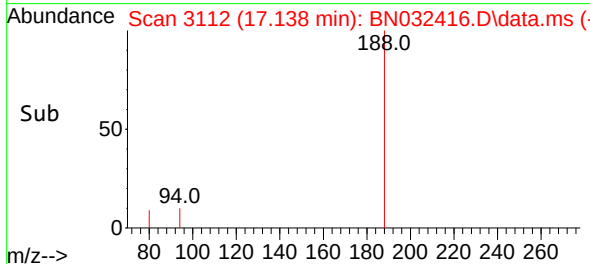
Instrument :
 BNA_N
 ClientSampleId :
 A4CR9



Tgt Ion:178 Resp: 124851
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.5 18.7
 176 18.4 15.0 22.6

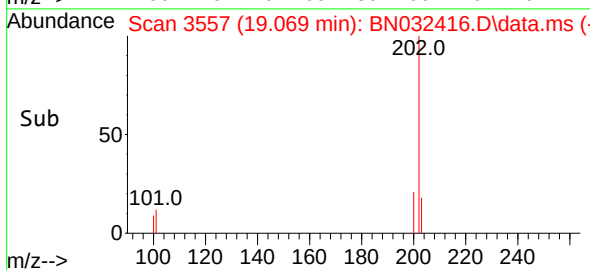
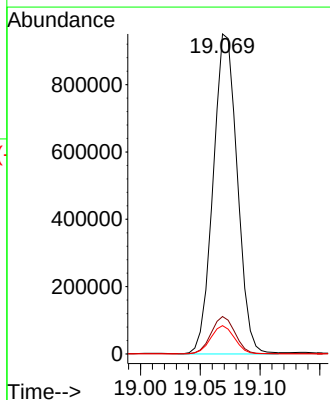
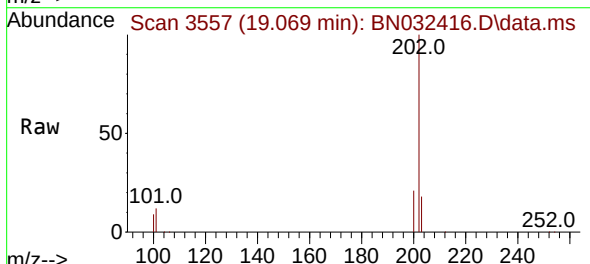
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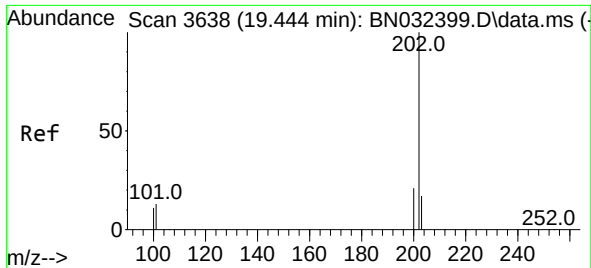
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 23.051 ng/ul m
 RT: 19.069 min Scan# 3557
 Delta R.T. -0.023 min
 Lab File: BN032416.D
 Acq: 03 Jul 2024 00:23

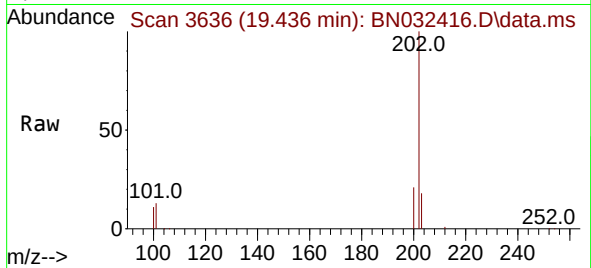
Tgt Ion:202 Resp: 1334551
 Ion Ratio Lower Upper
 202 100
 101 11.7 8.8 13.2
 100 8.8 6.4 9.6





#20
Pyrene
Concen: 15.260 ng/ul m
RT: 19.436 min Scan# 3636
Delta R.T. -0.019 min
Lab File: BN032416.D
Acq: 03 Jul 2024 00:23

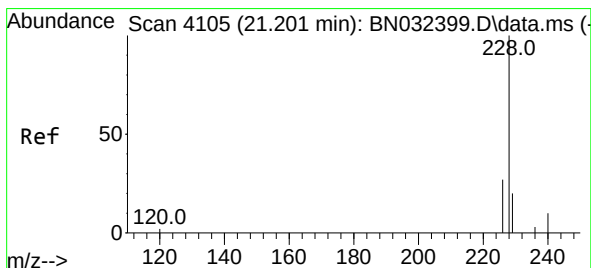
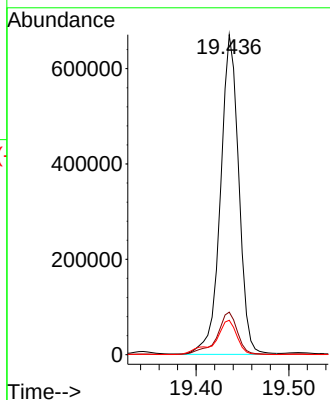
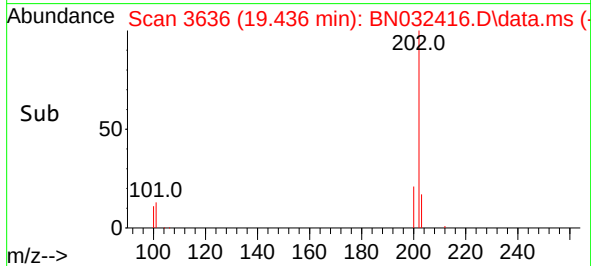
Instrument :
BNA_N
ClientSampleId :
A4CR9



Tgt Ion:202 Resp: 923280
Ion Ratio Lower Upper
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101 13.3 11.0 16.4
100 10.7 8.7 13.1

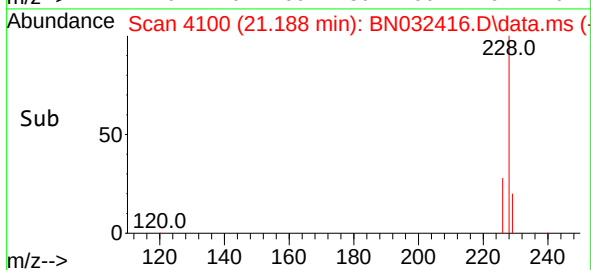
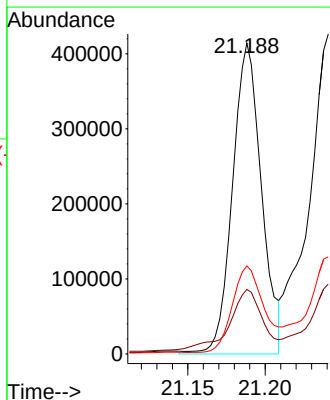
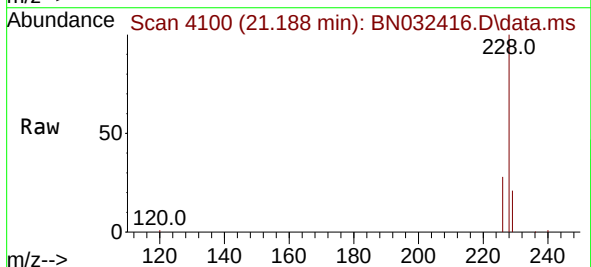
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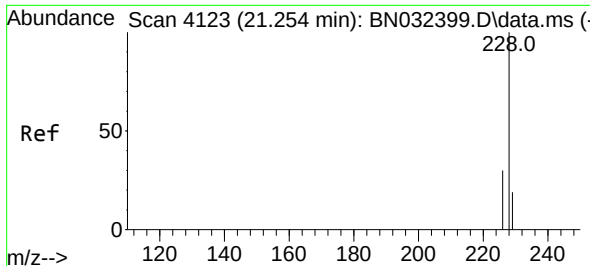
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#21
Benzo(a)anthracene
Concen: 9.802 ng/ul m
RT: 21.188 min Scan# 4100
Delta R.T. -0.026 min
Lab File: BN032416.D
Acq: 03 Jul 2024 00:23

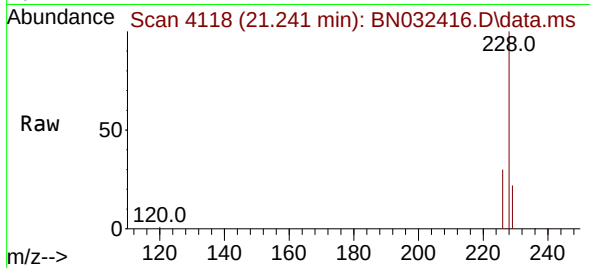
Tgt Ion:228 Resp: 537902
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 28.3 21.8 32.8





#22
Chrysene
Concen: 10.615 ng/ul m
RT: 21.241 min Scan# 4118
Delta R.T. -0.026 min
Lab File: BN032416.D
Acq: 03 Jul 2024 00:23

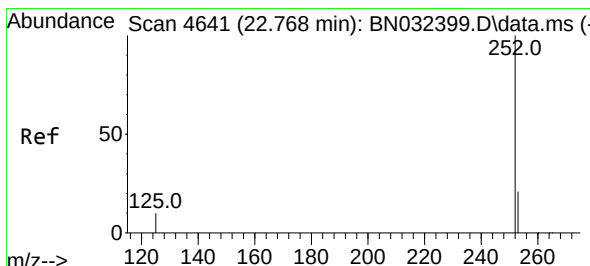
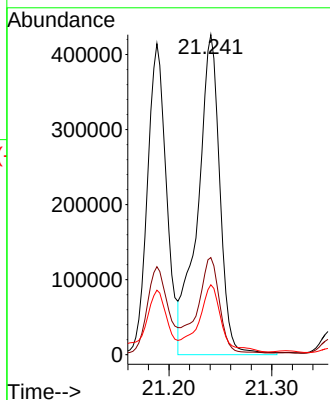
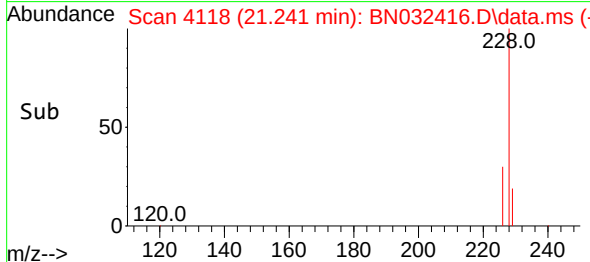
Instrument :
BNA_N
ClientSampleId :
A4CR9



Tgt Ion:228 Resp: 639370
Ion Ratio Lower Upper
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226 30.3 23.6 35.4
229 21.8 15.7 23.5

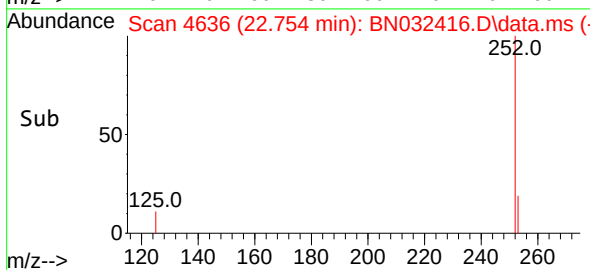
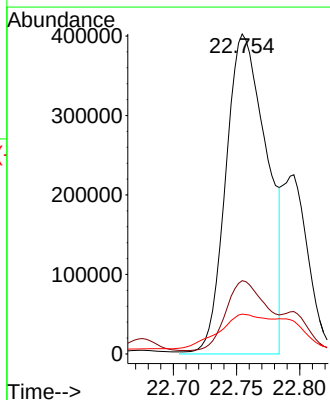
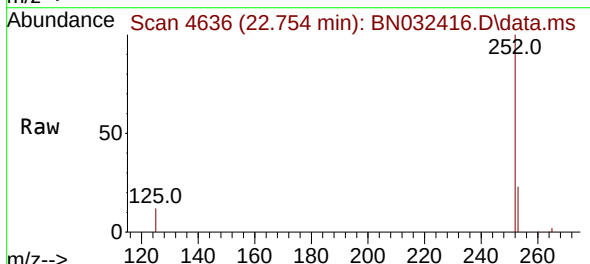
Manual Integrations
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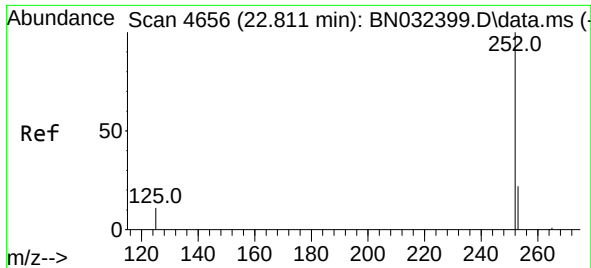
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#24
Benzo(b)fluoranthene
Concen: 10.763 ng/ul m
RT: 22.754 min Scan# 4636
Delta R.T. -0.029 min
Lab File: BN032416.D
Acq: 03 Jul 2024 00:23

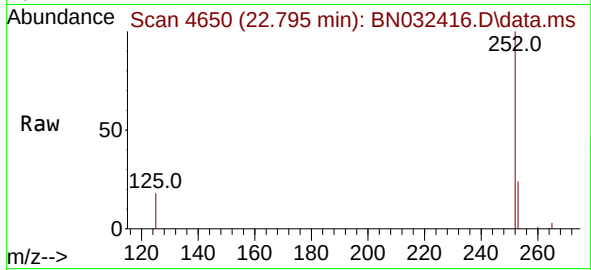
Tgt Ion:252 Resp: 908860
Ion Ratio Lower Upper
252 100
253 22.9 0.0 50.2
125 12.4 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 3.965 ng/ul m
RT: 22.795 min Scan# 4656
Delta R.T. -0.032 min
Lab File: BN032416.D
Acq: 03 Jul 2024 00:23

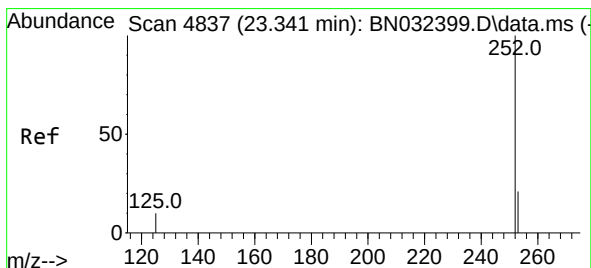
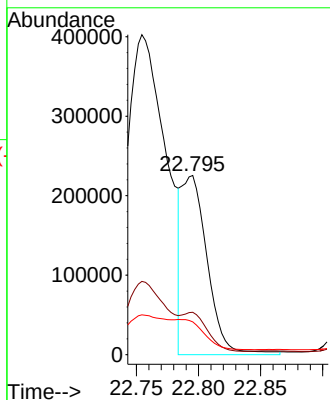
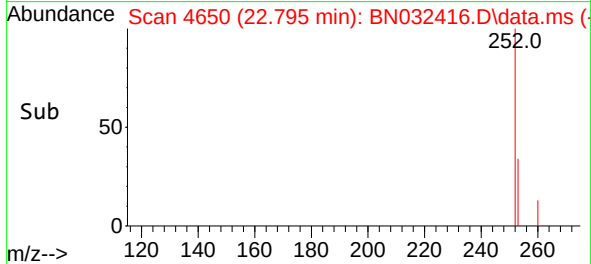
Instrument :
BNA_N
ClientSampleId :
A4CR9



Tgt Ion:252 Resp: 325297
Ion Ratio Lower Upper
252 100
253 23.7 20.3 30.5
125 18.3 12.8 19.2

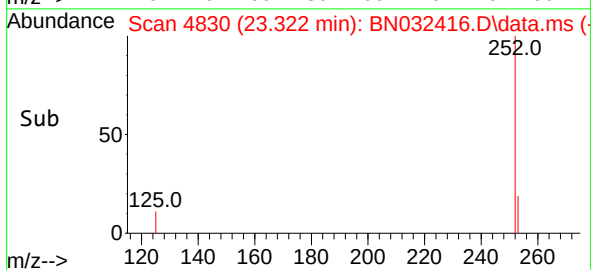
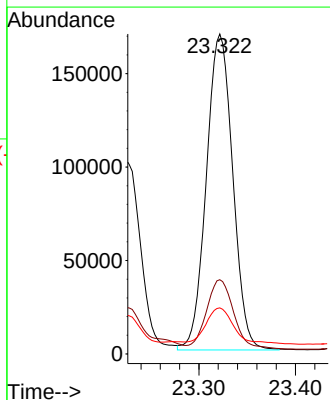
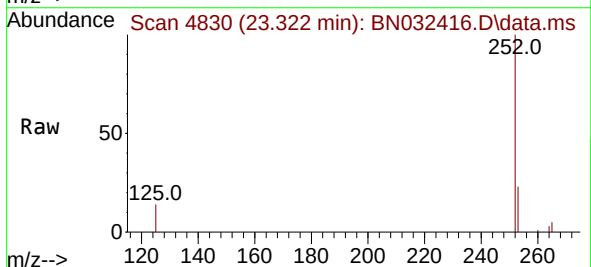
Manual Integrations
APPROVED

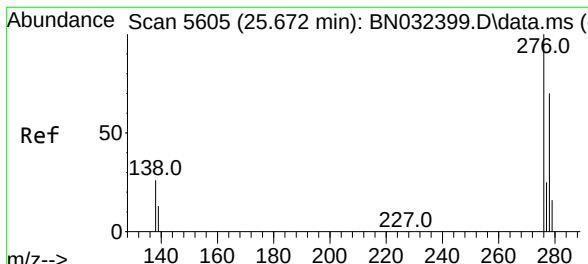
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 5.475 ng/ul m
RT: 23.322 min Scan# 4830
Delta R.T. -0.038 min
Lab File: BN032416.D
Acq: 03 Jul 2024 00:23

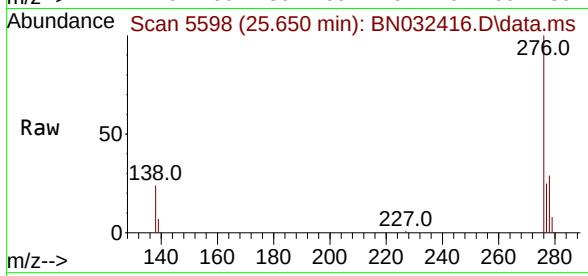
Tgt Ion:252 Resp: 321661
Ion Ratio Lower Upper
252 100
253 23.2 22.2 33.2
125 14.4 16.4 24.6#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.643 ng/ul m
 RT: 25.650 min Scan# 5598
 Delta R.T. -0.050 min
 Lab File: BN032416.D
 Acq: 03 Jul 2024 00:23

Instrument :
 BNA_N
 ClientSampleId :
 A4CR9

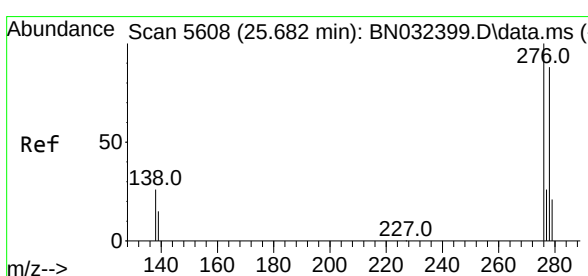
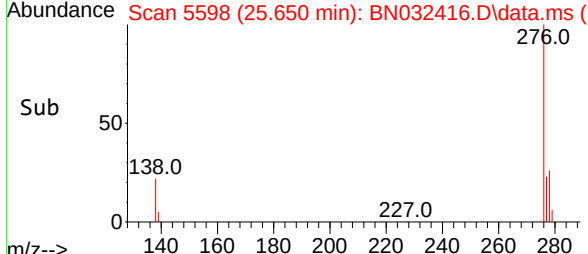
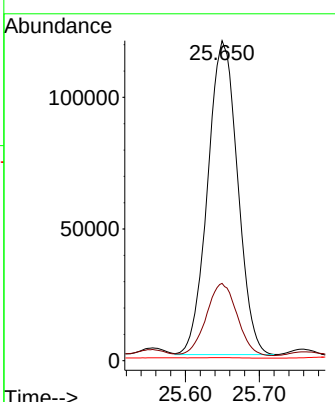


Tgt Ion: 276 Resp: 335129

Ion	Ratio	Lower	Upper
276	100		
138	3.5	21.3	31.9
227	0.0	0.1	0.1

Manual Integrations
 APPROVED

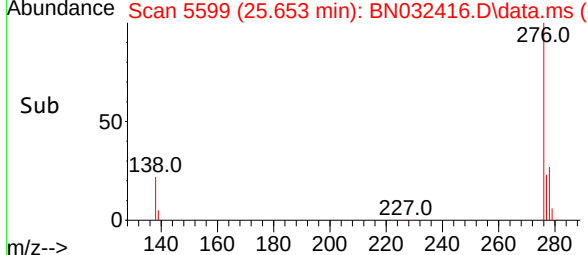
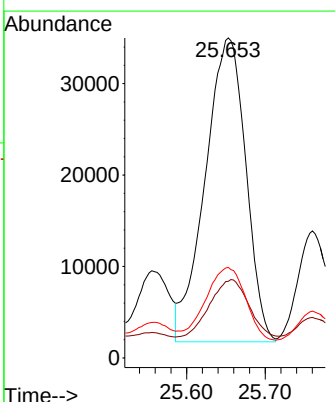
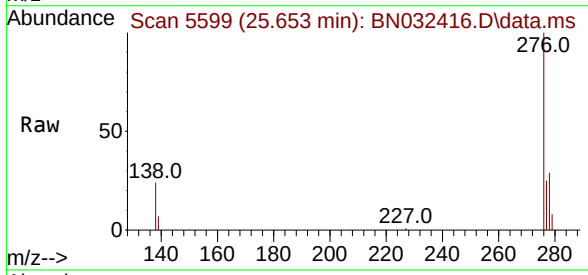
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

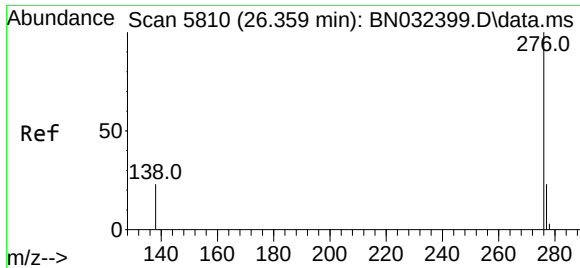


#28
 Dibenzo(a,h)anthracene
 Concen: 1.749 ng/ul m
 RT: 25.653 min Scan# 5599
 Delta R.T. -0.057 min
 Lab File: BN032416.D
 Acq: 03 Jul 2024 00:23

Tgt Ion: 278 Resp: 119519

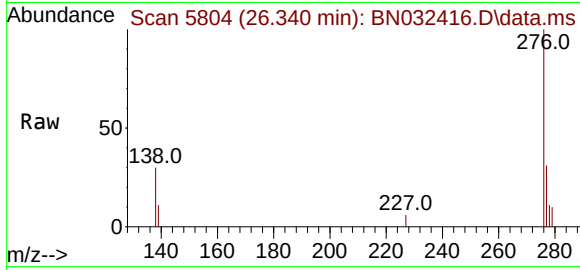
Ion	Ratio	Lower	Upper
278	100		
139	24.0	15.9	23.9
279	28.3	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.666 ng/ul m
RT: 26.340 min Scan# 5804
Delta R.T. -0.040 min
Lab File: BN032416.D
Acq: 03 Jul 2024 00:23

Instrument :
BNA_N
ClientSampleId :
A4CR9



Tgt Ion:276 Resp: 48830
Ion Ratio Lower Upper
276 100
138 30.2 19.8 29.6
277 30.8 19.8 29.6

Manual Integrations
APPROVED

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

