

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032491.D
 Acq On : 05 Jul 2024 01:58
 Operator : MA/JU
 Sample : P2964-08
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS4

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 02:23:14 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	7468	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	21209	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	12012	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	23216m	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	18341m	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	26740m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	26660	3.212	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	6385	0.201	ng/ul	-0.01
18) Fluoranthene-d10	19.036	212	13498m	0.245	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.415	128	73162	1.303	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	26427	0.710	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	18321	0.475	ng/ul	99
10) Acenaphthylene	13.962	152	186525	3.734	ng/ul	100
11) Acenaphthene	14.304	153	21506	0.555	ng/ul	99
12) Fluorene	15.299	166	83189	1.801	ng/ul	98
14) Pentachlorophenol	16.670	266	329m	0.063	ng/ul	
15) Phenanthrene	17.041	178	1314180m	20.647	ng/ul	
16) Anthracene	17.130	178	342428m	6.032	ng/ul	
19) Fluoranthene	19.069	202	2044407m	29.272	ng/ul	
20) Pyrene	19.436	202	1659491m	22.737	ng/ul	
21) Benzo(a)anthracene	21.188	228	1029932m	15.558	ng/ul	
22) Chrysene	21.241	228	1061937m	14.616	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	1373518m	11.823	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	518225m	4.591	ng/ul	
26) Benzo(a)pyrene	23.324	252	651167m	8.056	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.656	276	615982m	4.867	ng/ul	
28) Dibenzo(a,h)anthracene	25.656	278	198426m	2.110	ng/ul	
29) Benzo(g,h,i)perylene	26.344	276	104928m	1.041	ng/ul	

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

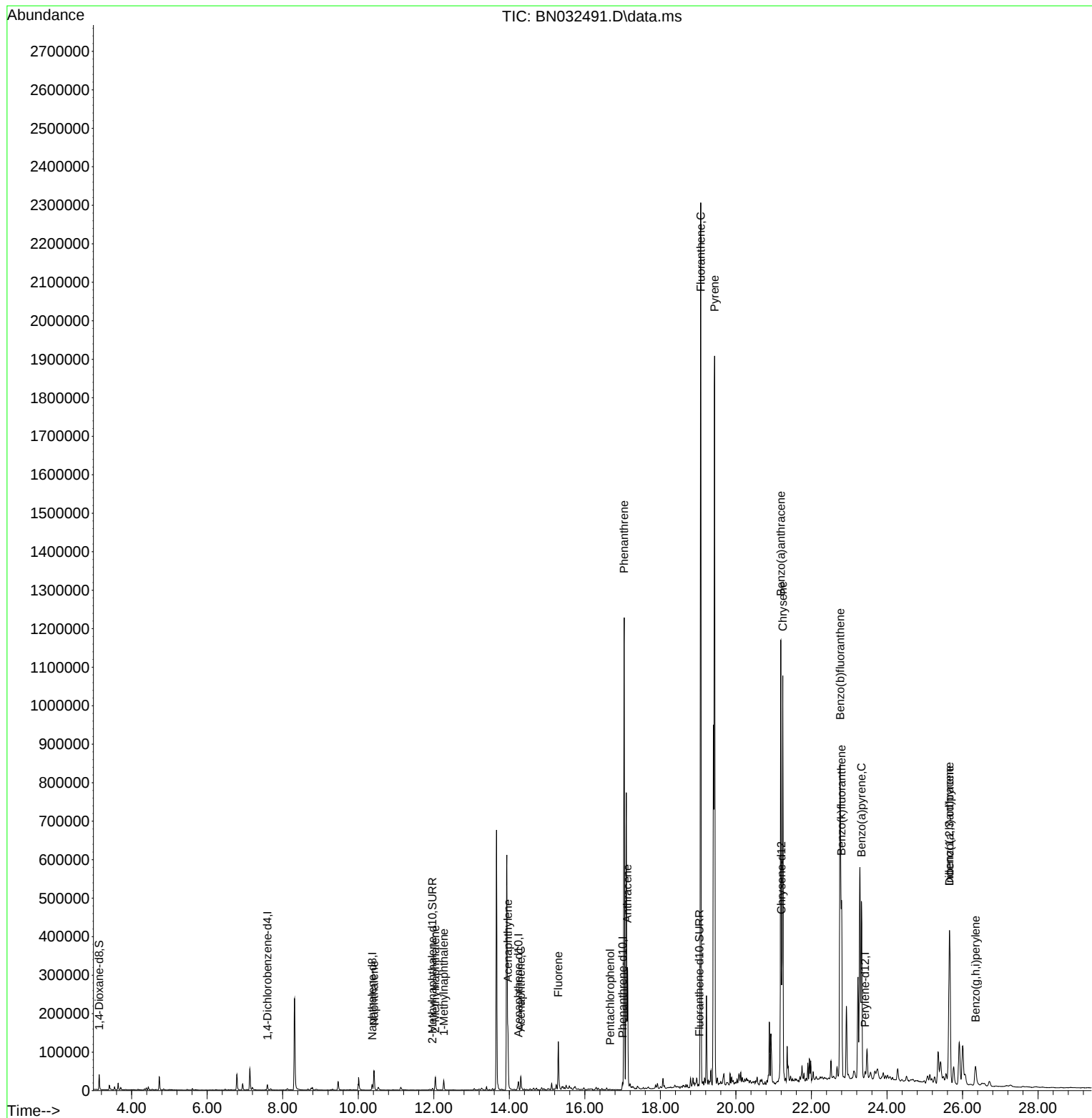
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

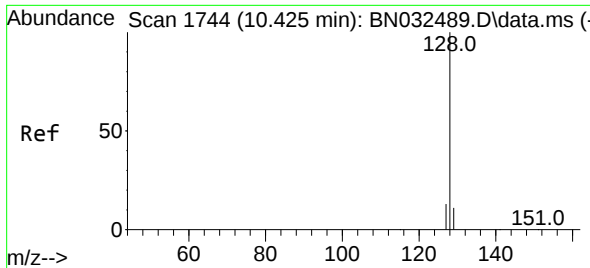
Instrument :
BNA_N
ClientSampleId :
A4CS4

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

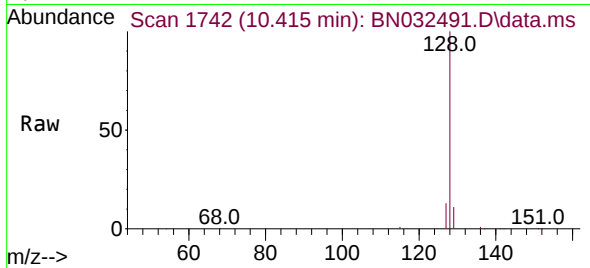
Quant Time: Jul 05 02:23:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.303 ng/ul
RT: 10.415 min Scan# 1742
Delta R.T. -0.017 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58

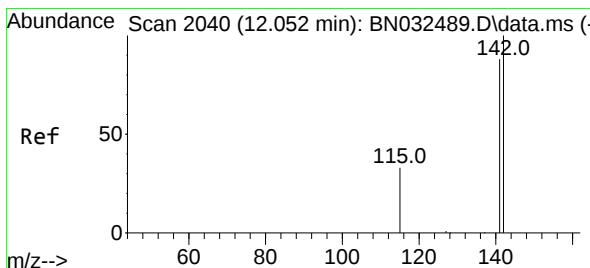
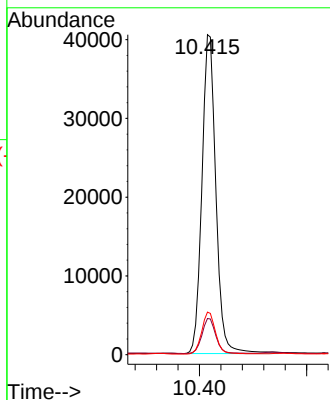
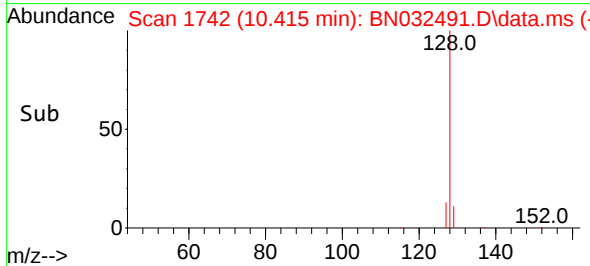
Instrument :
BNA_N
ClientSampleId :
A4CS4



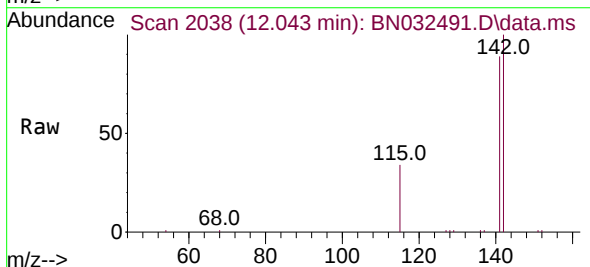
Tgt Ion:128 Resp: 73162
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.3 10.8 16.2

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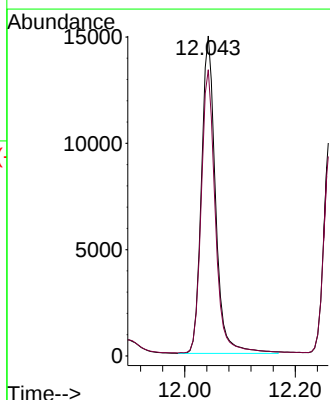
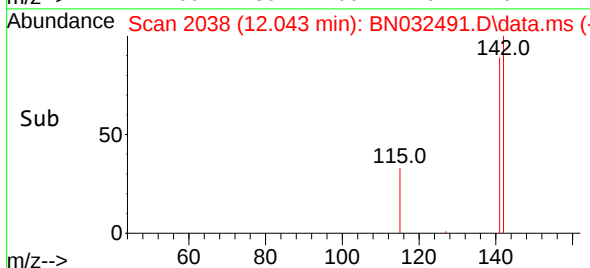
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

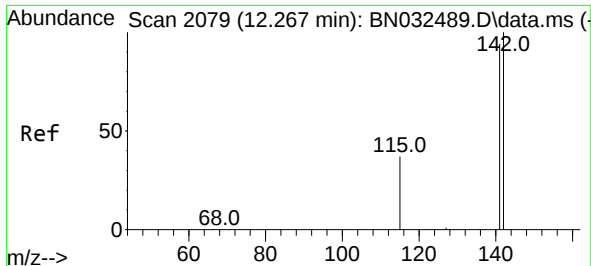


#7
2-Methylnaphthalene
Concen: 0.710 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58



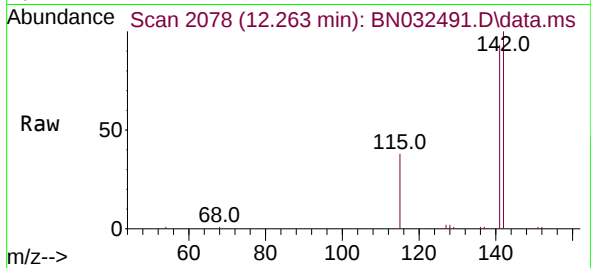
Tgt Ion:142 Resp: 26427
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.475 ng/ul
RT: 12.263 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58

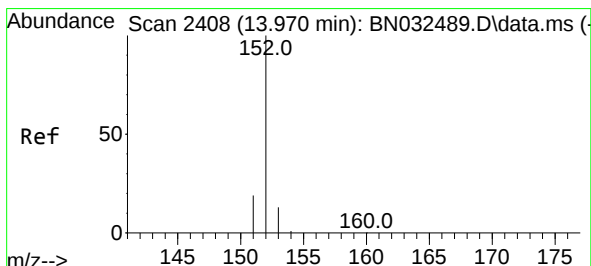
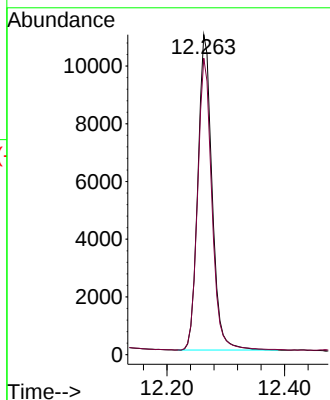
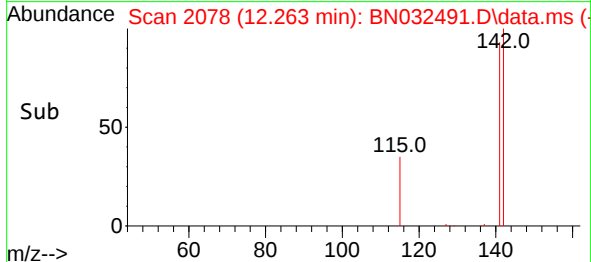
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1832
Ion Ratio Lower Upper
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141 93.0 73.4 110.0

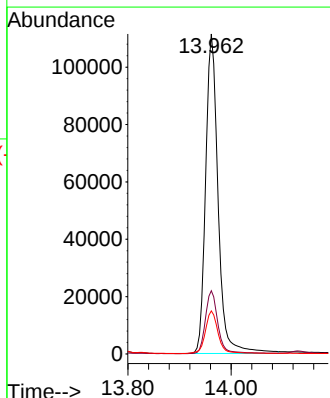
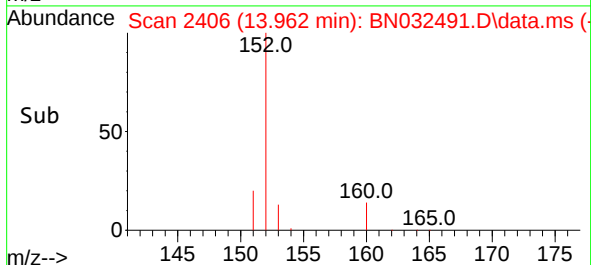
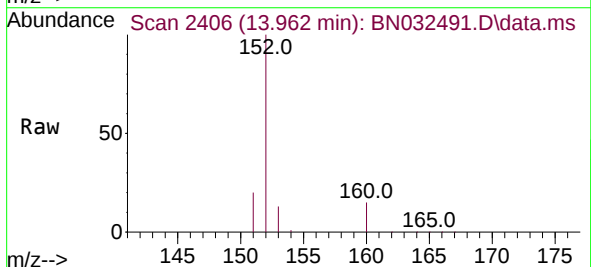
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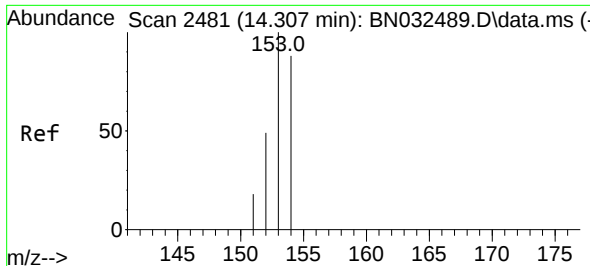
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 3.734 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58

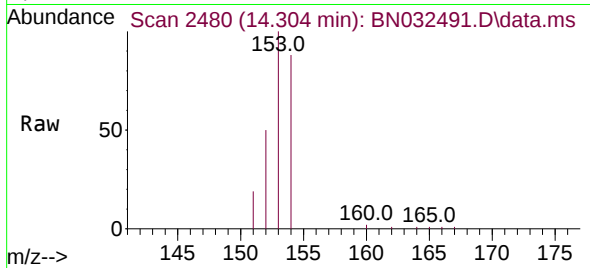
Tgt Ion:152 Resp: 186525
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.4 10.9 16.3





#11
Acenaphthene
Concen: 0.555 ng/ul
RT: 14.304 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58

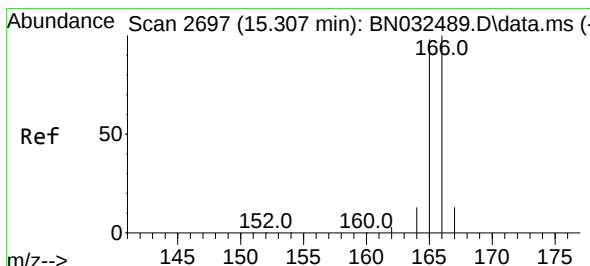
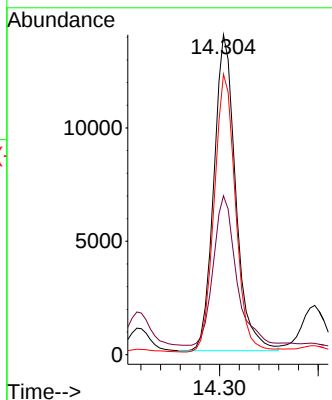
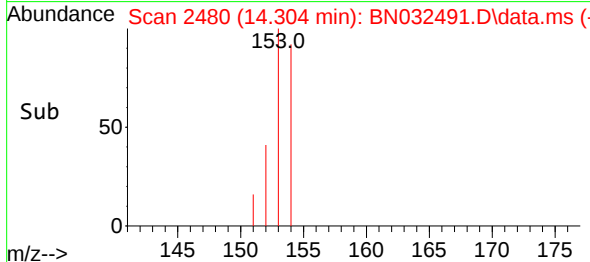
Instrument :
BNA_N
ClientSampleId :
A4CS4



Tgt Ion:153 Resp: 21500
Ion Ratio Lower Upper
153 100
152 49.7 39.5 59.3
154 87.6 71.7 107.5

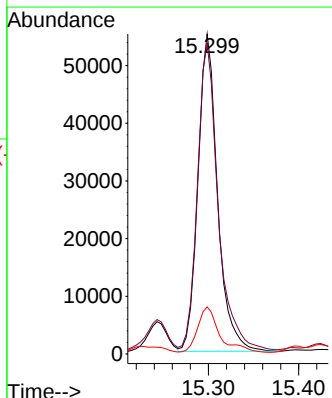
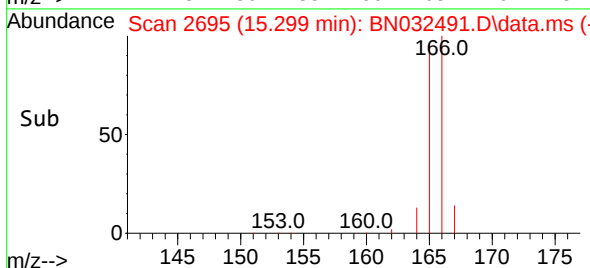
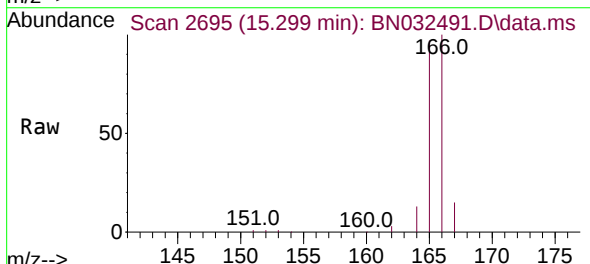
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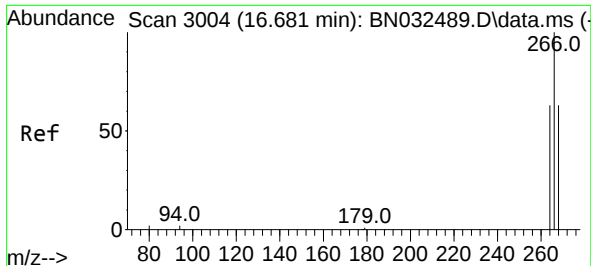
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 1.801 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58

Tgt Ion:166 Resp: 83189
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.6
167 14.7 11.0 16.6





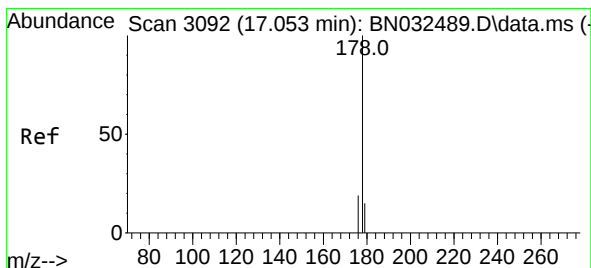
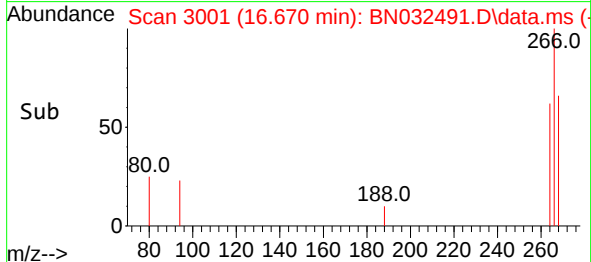
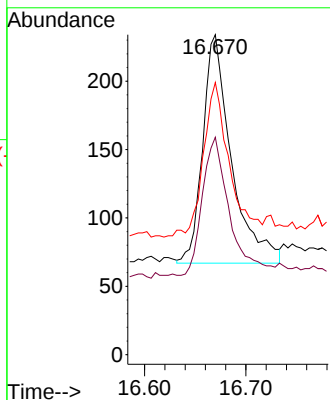
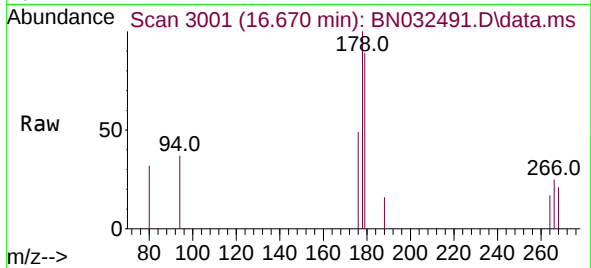
#14
Pentachlorophenol
Concen: 0.063 ng/ul m
RT: 16.670 min Scan# 3004
Delta R.T. -0.004 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58

Instrument :
BNA_N
ClientSampleId :
A4CS4

Tgt Ion:266 Resp: 329
Ion Ratio Lower Upper
266 100
264 1.2 49.9 74.9
268 2.1 52.4 78.6

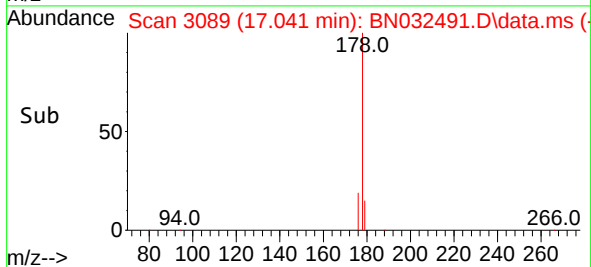
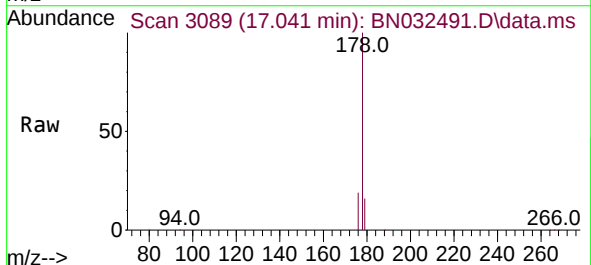
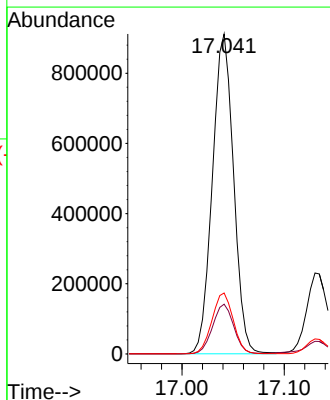
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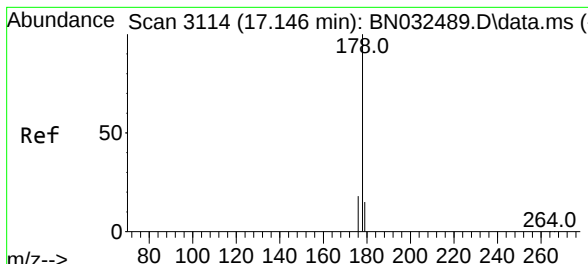
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#15
Phenanthrene
Concen: 20.647 ng/ul m
RT: 17.041 min Scan# 3089
Delta R.T. -0.009 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58

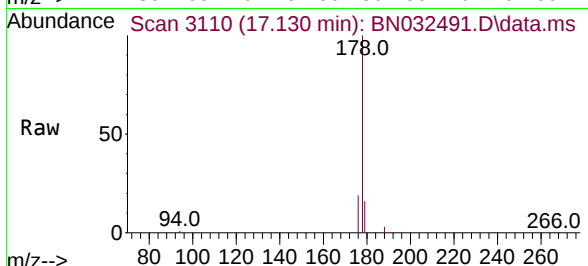
Tgt Ion:178 Resp: 1314180
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.1 15.6 23.4





#16
 Anthracene
 Concen: 6.032 ng/ul m
 RT: 17.130 min Scan# 3110
 Delta R.T. -0.013 min
 Lab File: BN032491.D
 Acq: 05 Jul 2024 01:58

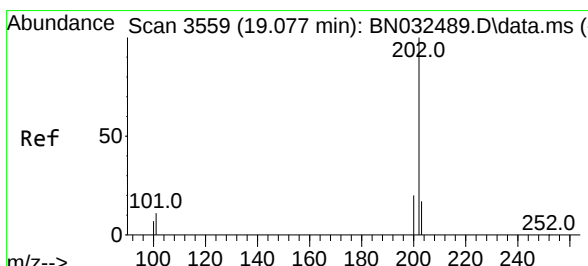
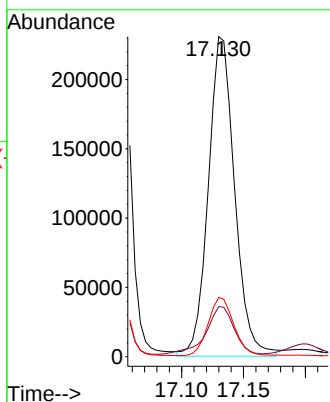
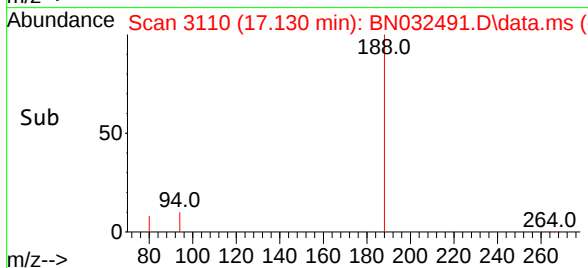
Instrument :
 BNA_N
 ClientSampleId :
 A4CS4



Tgt Ion:178 Resp: 342428
 Ion Ratio Lower Upper
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 179 15.6 12.5 18.7
 176 18.5 15.0 22.6

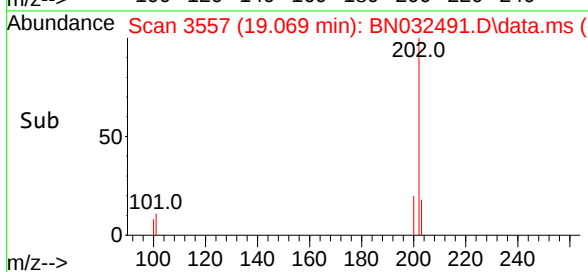
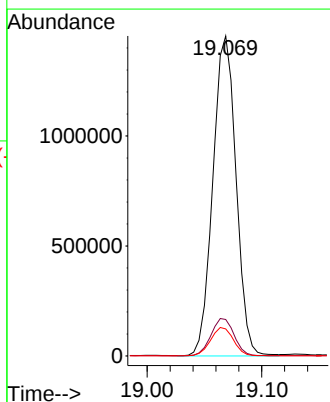
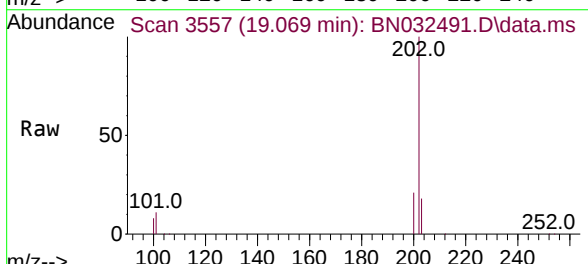
Manual Integrations
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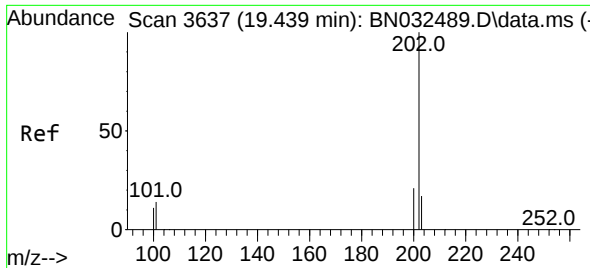
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#19
 Fluoranthene
 Concen: 29.272 ng/ul m
 RT: 19.069 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BN032491.D
 Acq: 05 Jul 2024 01:58

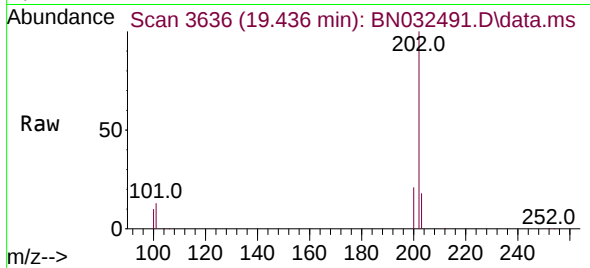
Tgt Ion:202 Resp: 2044407
 Ion Ratio Lower Upper
 202 100
 101 11.4 8.8 13.2
 100 8.5 6.4 9.6





#20
Pyrene
Concen: 22.737 ng/ul m
RT: 19.436 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58

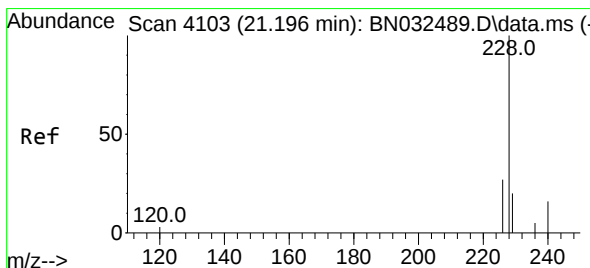
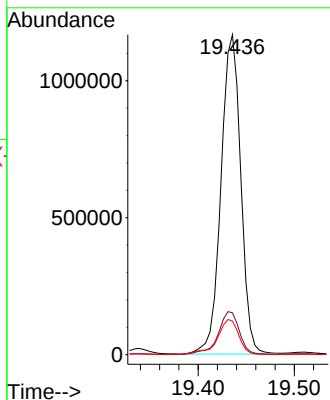
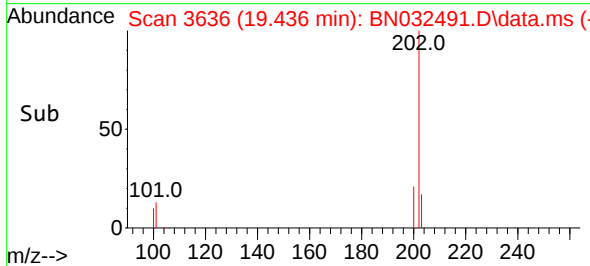
Instrument :
BNA_N
ClientSampleId :
A4CS4



Tgt Ion:202 Resp: 165949
Ion Ratio Lower Upper
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101 13.1 11.0 16.4
100 10.5 8.7 13.1

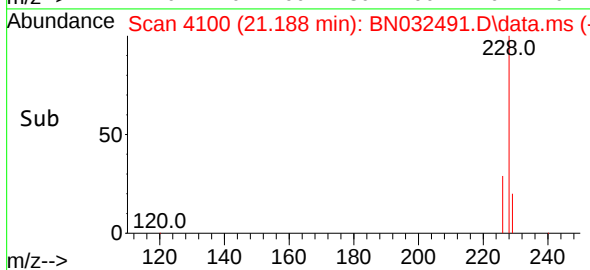
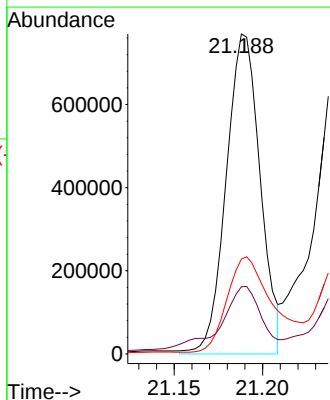
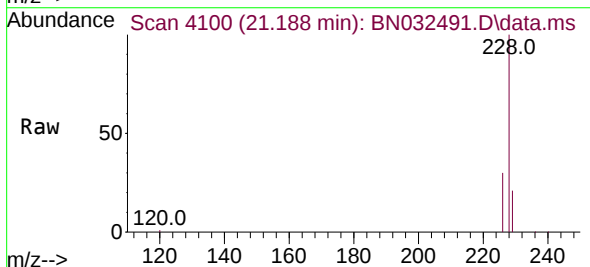
Manual Integrations
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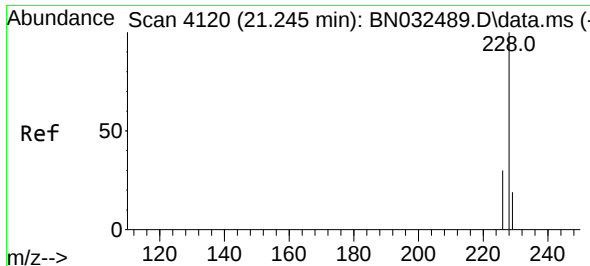
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#21
Benzo(a)anthracene
Concen: 15.558 ng/ul m
RT: 21.188 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58

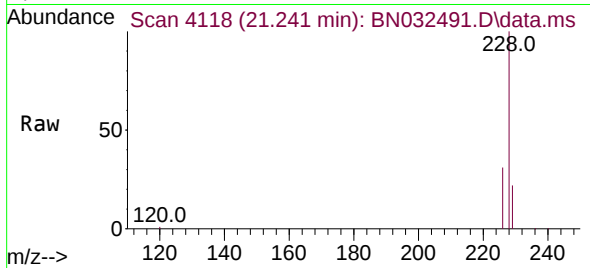
Tgt Ion:228 Resp: 1029932
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 29.7 21.8 32.8





#22
Chrysene
Concen: 14.616 ng/ul m
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58

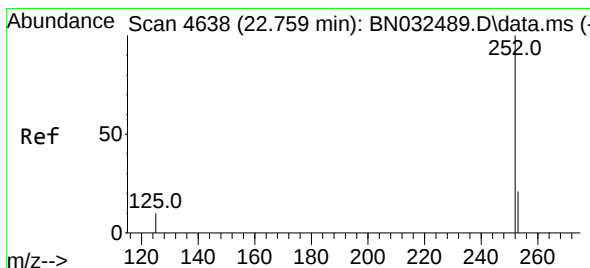
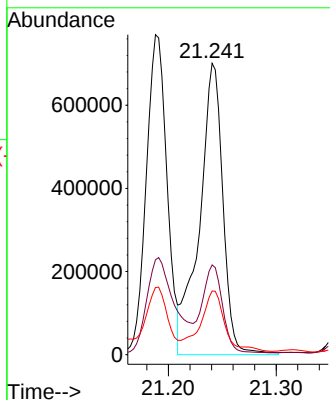
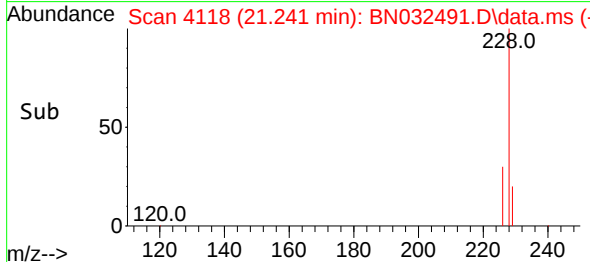
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ClientSampleId :
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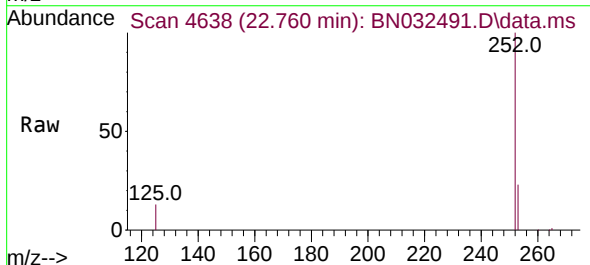
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Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 21.9 15.7 23.5

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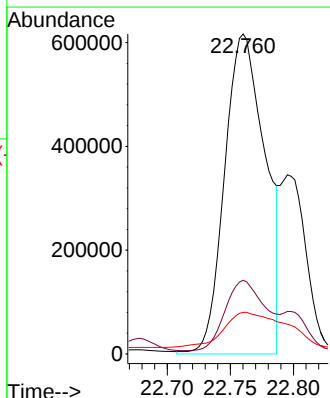
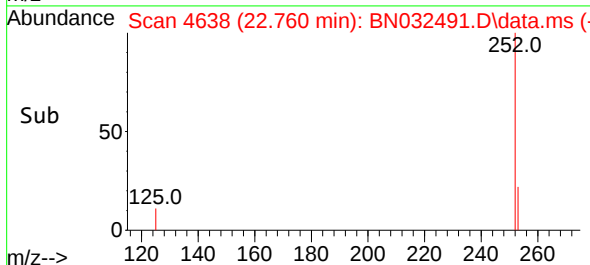
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

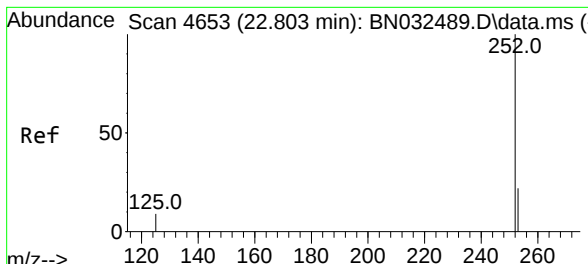


#24
Benzo(b)fluoranthene
Concen: 11.823 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58



Tgt Ion:252 Resp: 1373518
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 13.0 0.0 32.0





#25
 Benzo(k)fluoranthene
 Concen: 4.591 ng/ul m
 RT: 22.795 min Scan# 4650
 Delta R.T. -0.006 min
 Lab File: BN032491.D
 Acq: 05 Jul 2024 01:58

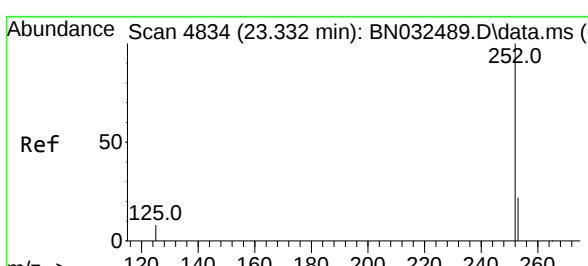
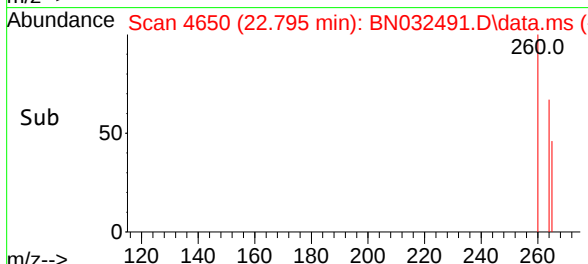
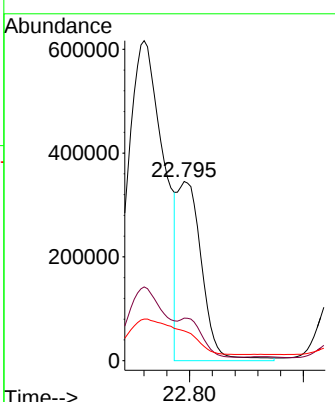
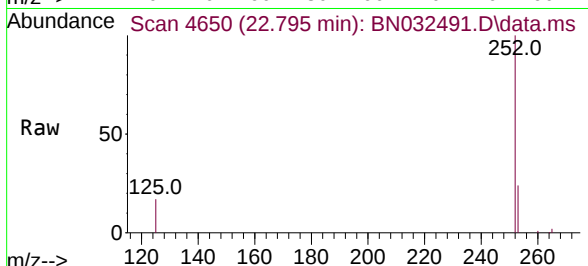
Instrument :
 BNA_N
 ClientSampleId :
 A4CS4

Tgt Ion:252 Resp: 518225

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.3	30.5
125	16.6	12.8	19.2

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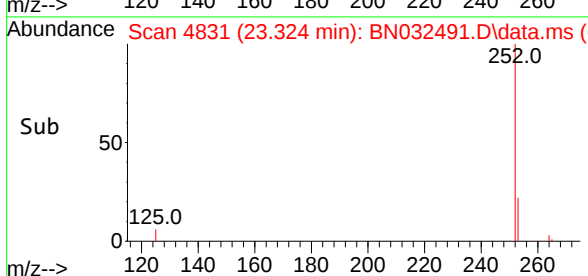
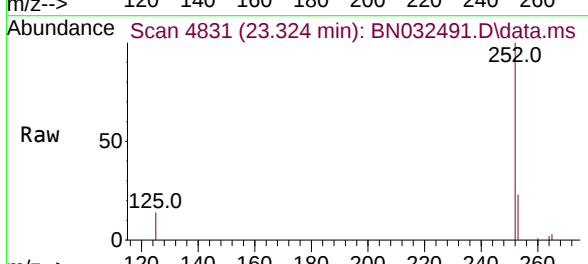
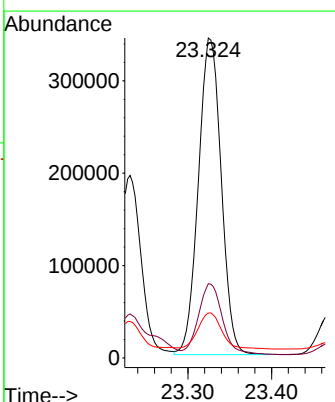
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

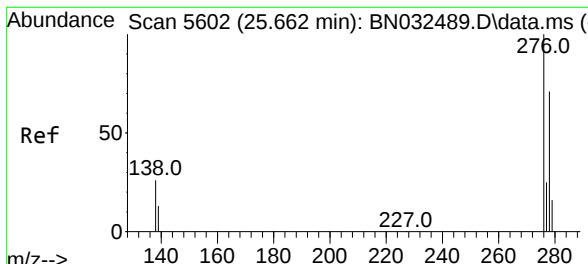


#26
 Benzo(a)pyrene
 Concen: 8.056 ng/ul m
 RT: 23.324 min Scan# 4831
 Delta R.T. -0.003 min
 Lab File: BN032491.D
 Acq: 05 Jul 2024 01:58

Tgt Ion:252 Resp: 651167

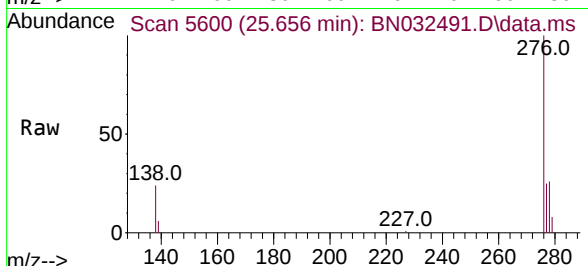
Ion	Ratio	Lower	Upper
252	100		
253	23.2	22.2	33.2
125	14.1	16.4	24.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 4.867 ng/ul m
RT: 25.656 min Scan# 5600
Delta R.T. -0.003 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58

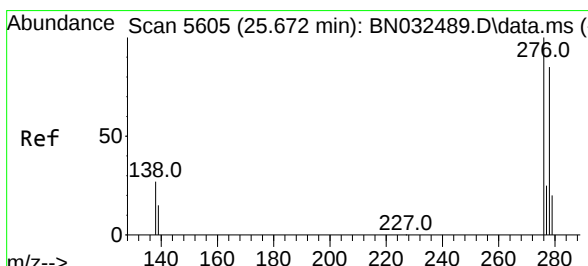
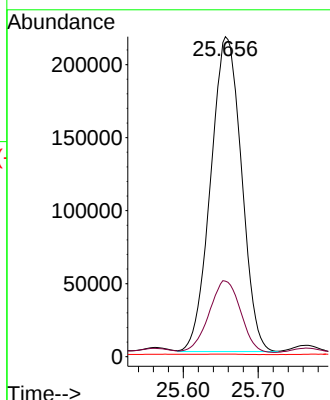
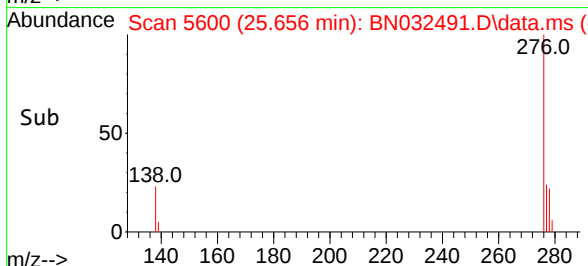
Instrument :
BNA_N
ClientSampleId :
A4CS4



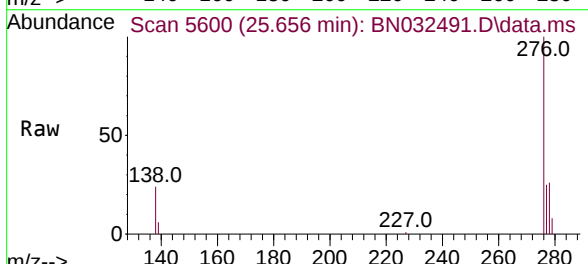
Tgt Ion:276 Resp: 61598
Ion Ratio Lower Upper
276 100
138 3.9 21.3 31.9
227 0.1 0.1 0.1

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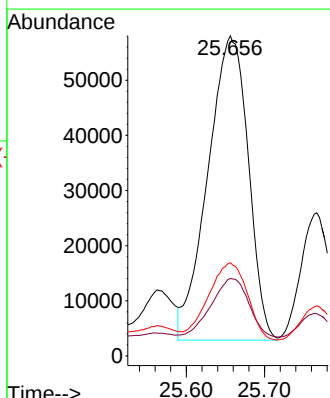
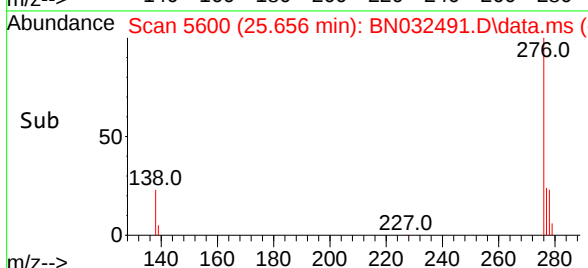
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

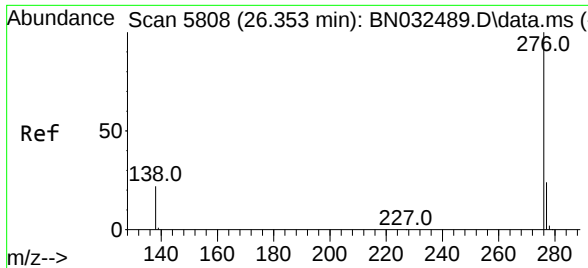


#28
Dibenzo(a,h)anthracene
Concen: 2.110 ng/ul m
RT: 25.656 min Scan# 5600
Delta R.T. -0.010 min
Lab File: BN032491.D
Acq: 05 Jul 2024 01:58



Tgt Ion:278 Resp: 198426
Ion Ratio Lower Upper
278 100
139 24.2 15.9 23.9
279 29.1 21.1 31.7





#29

Benzo(g,h,i)perylene

Concen: 1.041 ng/ul m

RT: 26.344 min Scan# 5805

Delta R.T. -0.000 min

Lab File: BN032491.D

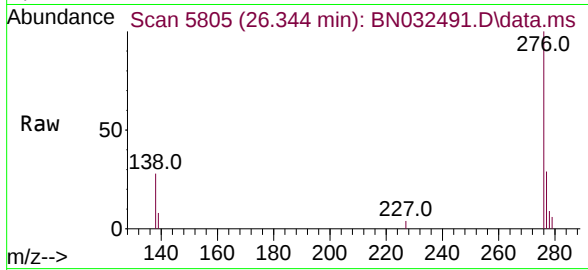
Acq: 05 Jul 2024 01:58

Instrument :

BNA_N

ClientSampleId :

A4CS4



Tgt Ion:276 Resp: 104928

Ion Ratio Lower Upper

276 100

138 27.7 19.8 29.6

277 28.5 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024

