

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032055.D
 Acq On : 18 Jun 2024 21:32
 Operator : MA/JU
 Sample : P2696-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BN8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 22:56:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 14:06:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.650	152	11020	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	39218	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	24260	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.037	188	50398	0.400	ng/ul	0.00
17) Chrysene-d12	21.232	240	36090	0.400	ng/ul	0.00
23) Perylene-d12	23.456	264	33381m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	35277	2.986	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.021	152	11954	0.188	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	24524	0.225	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.475	128	2777	0.027	ng/ul#	89
10) Acenaphthylene	14.008	152	3340	0.032	ng/ul#	87
11) Acenaphthene	14.355	153	1644	0.021	ng/ul	99
15) Phenanthrene	17.079	178	42282	0.298	ng/ul	99
16) Anthracene	17.172	178	7166	0.056	ng/ul#	92
19) Fluoranthene	19.101	202	100079	0.753	ng/ul	100
20) Pyrene	19.468	202	84676	0.608	ng/ul	98
21) Benzo(a)anthracene	21.214	228	39254	0.284	ng/ul	97
22) Chrysene	21.267	228	46101	0.334	ng/ul	97
24) Benzo(b)fluoranthene	22.787	252	66043m	0.450	ng/ul	
25) Benzo(k)fluoranthene	22.828	252	23418m	0.166	ng/ul	
26) Benzo(a)pyrene	23.357	252	36352	0.349	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.697	276	30989	0.220	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.703	278	8154	0.075	ng/ul#	71
29) Benzo(g,h,i)perylene	26.387	276	31090	0.278	ng/ul	97

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

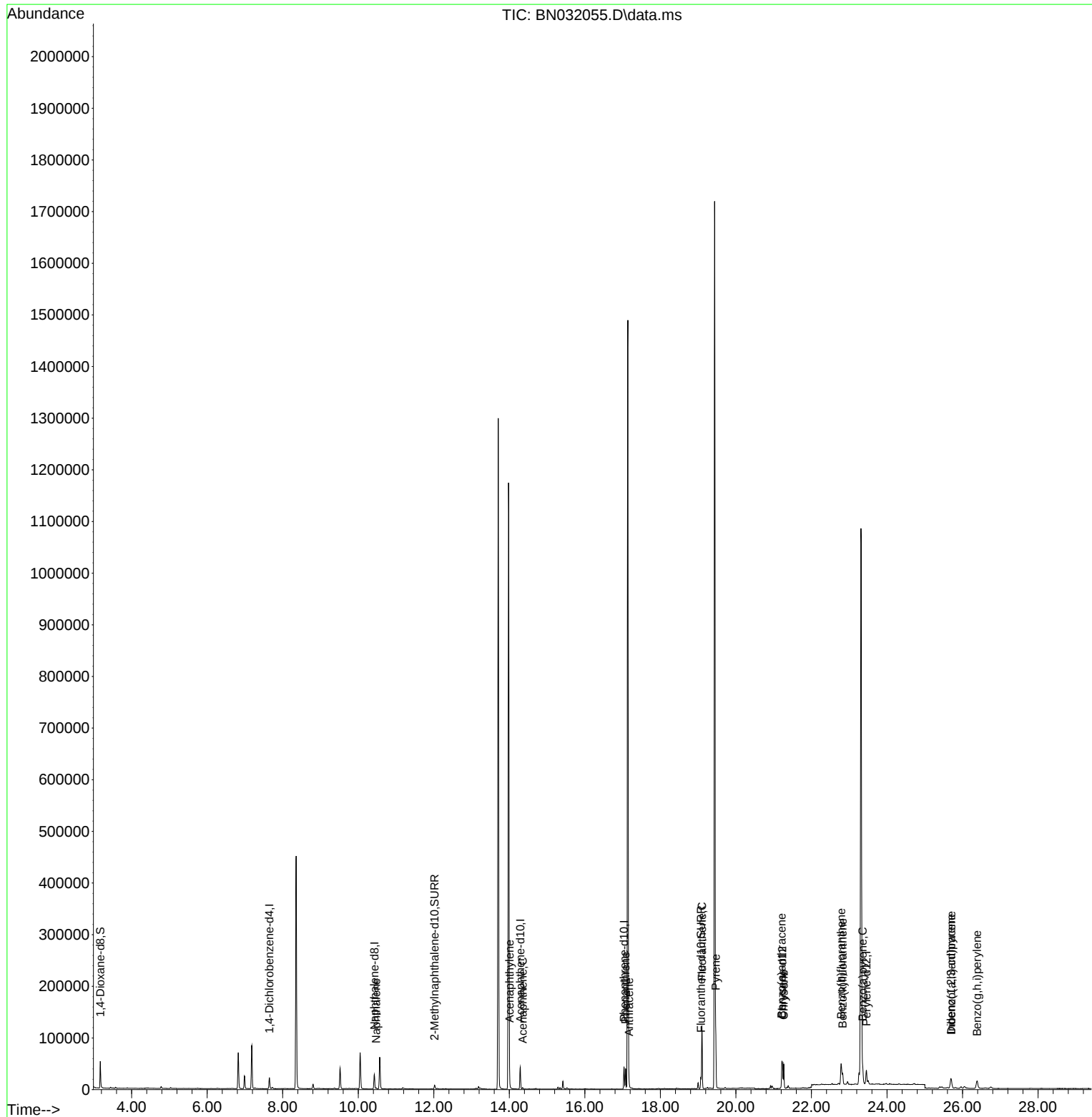
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032055.D
Acq On : 18 Jun 2024 21:32
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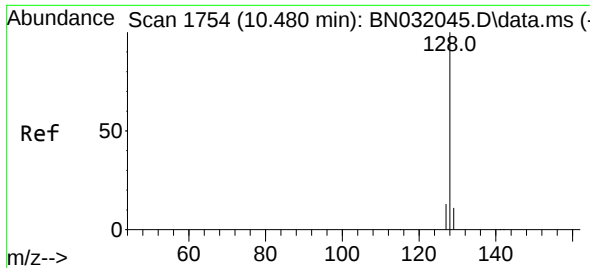
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Supervised By :mohammad ahmed 06/21/2024

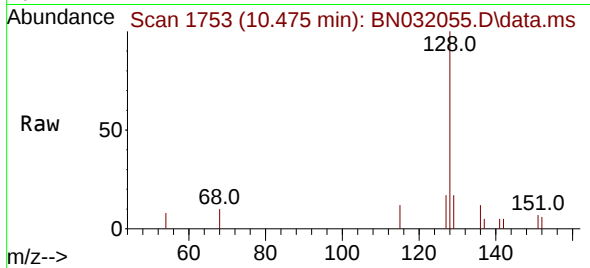
Quant Time: Jun 18 22:56:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 14:06:13 2024
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#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.475 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BN032055.D
Acq: 18 Jun 2024 21:32

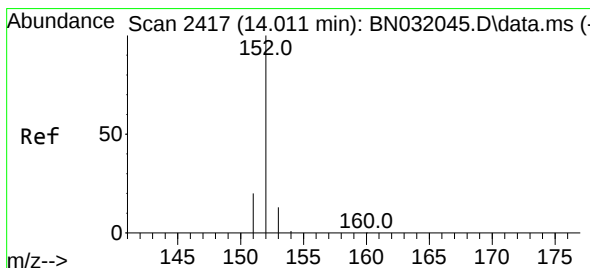
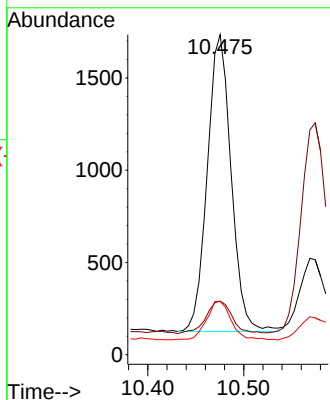
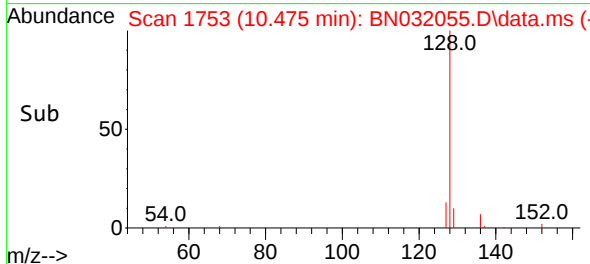
Instrument :
BNA_N
ClientSampleId :
A4BN8



Tgt Ion:128 Resp: 2770
Ion Ratio Lower Upper
128 100
129 16.8 9.3 13.9#
127 16.7 10.3 15.5#

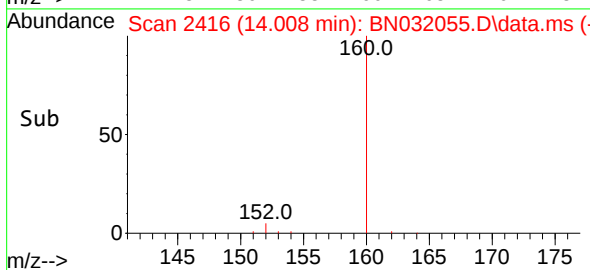
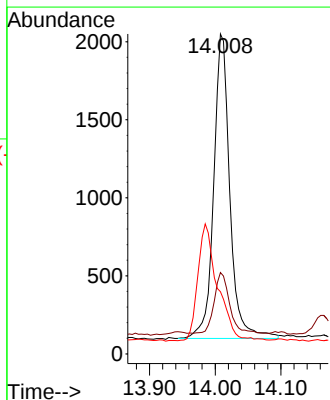
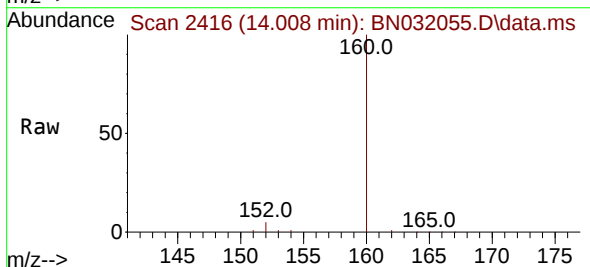
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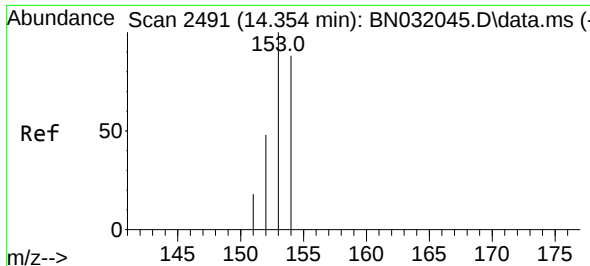
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.008 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN032055.D
Acq: 18 Jun 2024 21:32

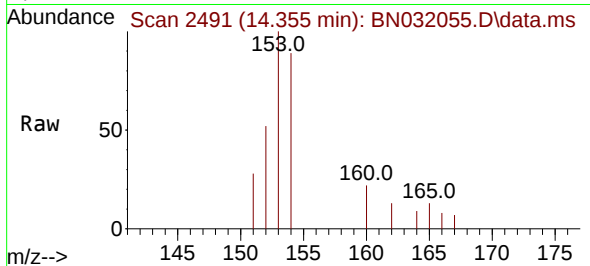
Tgt Ion:152 Resp: 3340
Ion Ratio Lower Upper
152 100
151 25.4 16.1 24.1#
153 19.4 10.6 16.0#





#11
Acenaphthene
Concen: 0.021 ng/u1
RT: 14.355 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BN032055.D
Acq: 18 Jun 2024 21:32

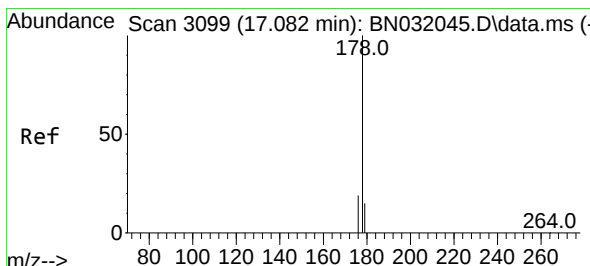
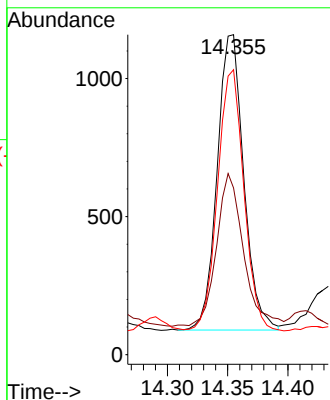
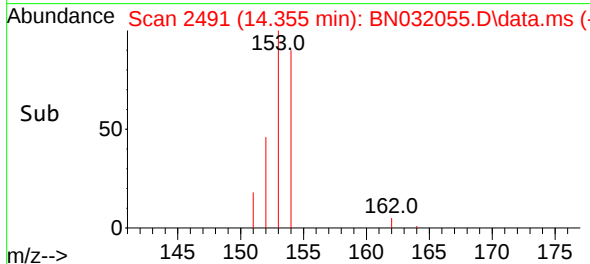
Instrument :
BNA_N
ClientSampleId :
A4BN8



Tgt Ion:153 Resp: 1644
Ion Ratio Lower Upper
153 100
152 52.1 39.4 59.2
154 89.0 71.2 106.8

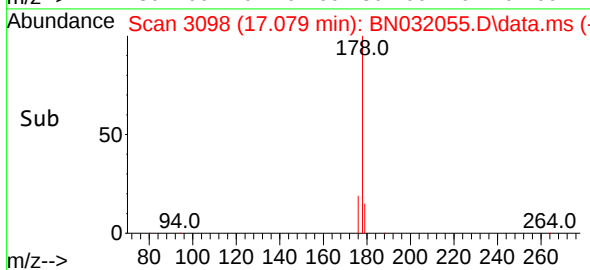
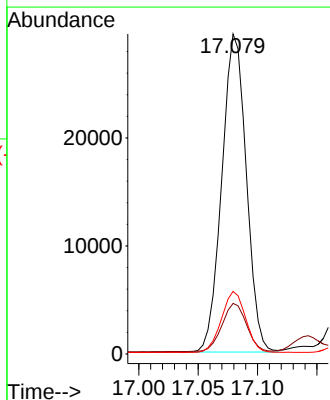
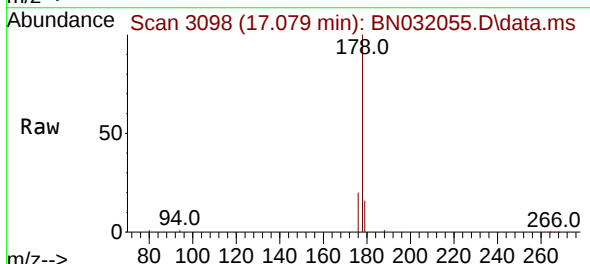
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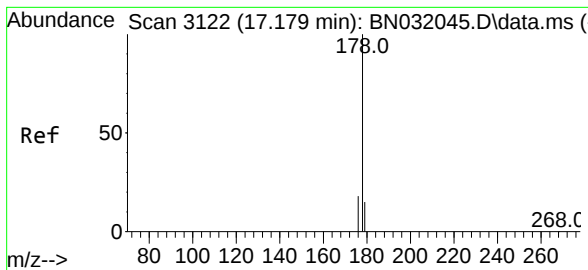
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#15
Phenanthrene
Concen: 0.298 ng/u1
RT: 17.079 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN032055.D
Acq: 18 Jun 2024 21:32

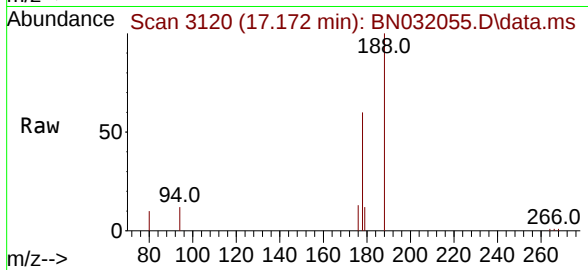
Tgt Ion:178 Resp: 42282
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.6 15.3 22.9





#16
 Anthracene
 Concen: 0.056 ng/ul
 RT: 17.172 min Scan# 3120
 Delta R.T. -0.004 min
 Lab File: BN032055.D
 Acq: 18 Jun 2024 21:32

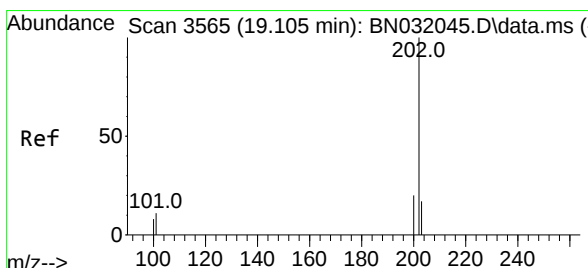
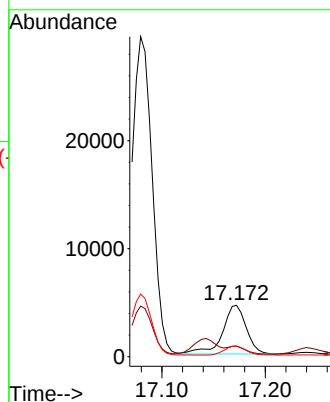
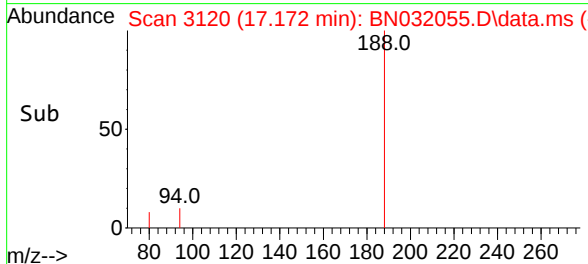
Instrument :
 BNA_N
 ClientSampleId :
 A4BN8



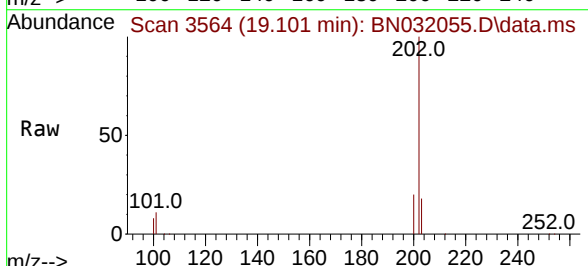
Tgt Ion:178 Resp: 7160
 Ion Ratio Lower Upper
 178 100
 179 20.5 12.7 19.1
 176 20.9 14.8 22.2

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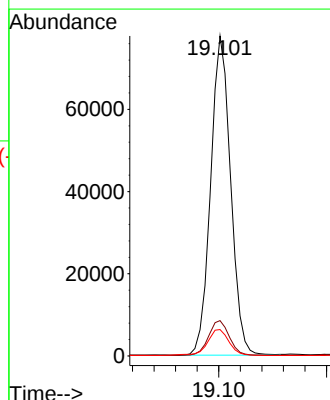
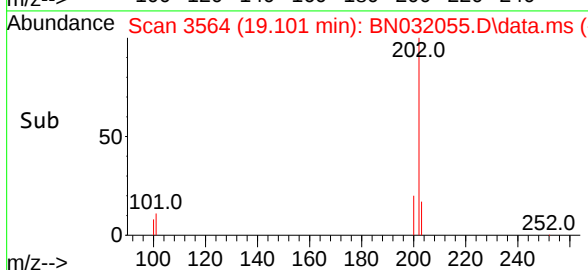
Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

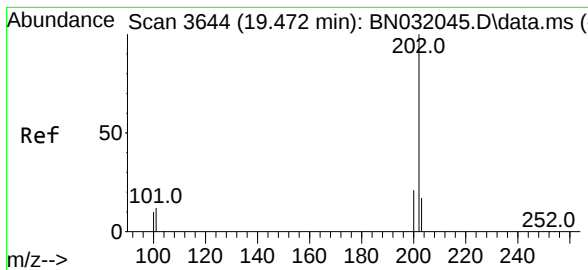


#19
 Fluoranthene
 Concen: 0.753 ng/ul
 RT: 19.101 min Scan# 3564
 Delta R.T. -0.004 min
 Lab File: BN032055.D
 Acq: 18 Jun 2024 21:32



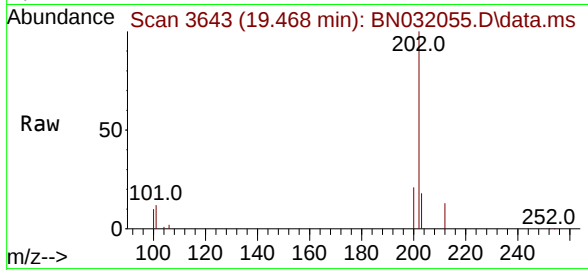
Tgt Ion:202 Resp: 100079
 Ion Ratio Lower Upper
 202 100
 101 11.1 8.8 13.2
 100 8.3 6.6 9.8





#20
Pyrene
Concen: 0.608 ng/ul
RT: 19.468 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN032055.D
Acq: 18 Jun 2024 21:32

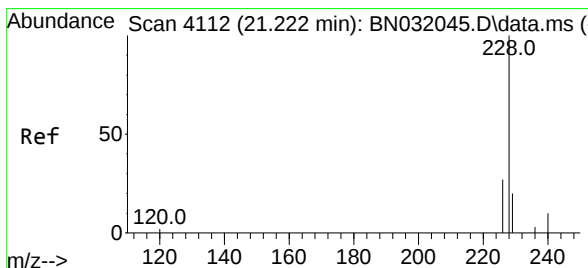
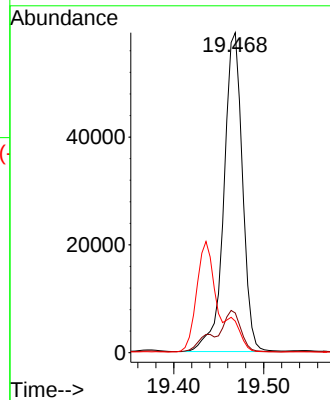
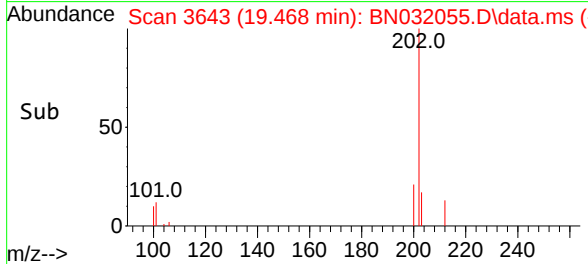
Instrument :
BNA_N
ClientSampleId :
A4BN8



Tgt Ion:202 Resp: 84670
Ion Ratio Lower Upper
202 100
101 12.4 10.5 15.7
100 9.8 8.6 12.8

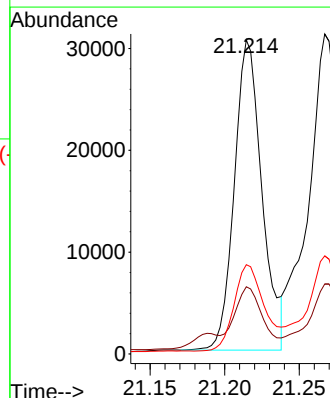
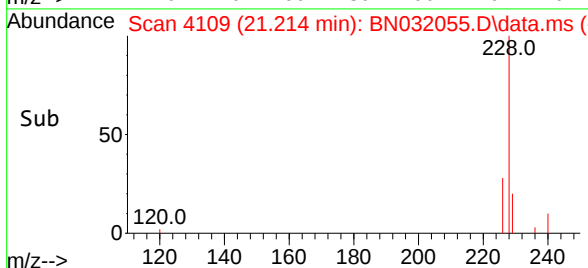
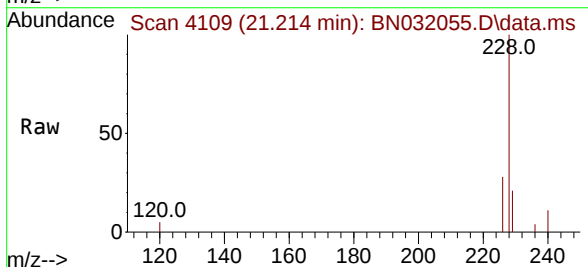
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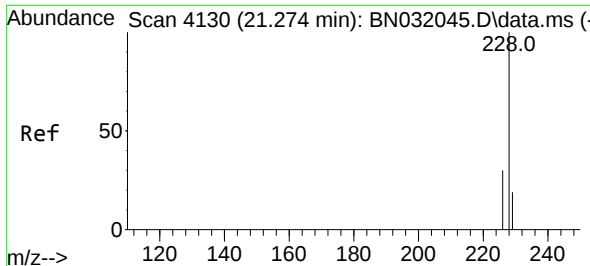
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#21
Benzo(a)anthracene
Concen: 0.284 ng/ul
RT: 21.214 min Scan# 4109
Delta R.T. -0.009 min
Lab File: BN032055.D
Acq: 18 Jun 2024 21:32

Tgt Ion:228 Resp: 39254
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 28.4 21.7 32.5





#22

Chrysene

Concen: 0.334 ng/ul

RT: 21.267 min Scan# 4127

Delta R.T. -0.009 min

Lab File: BN032055.D

Acq: 18 Jun 2024 21:32

Instrument :

BNA_N

ClientSampleId :

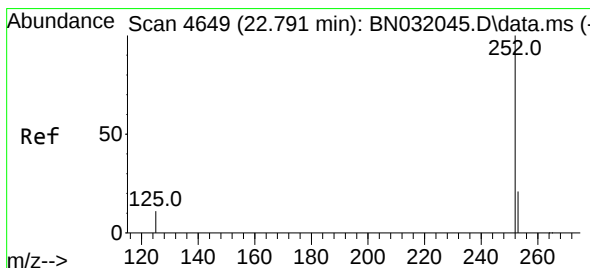
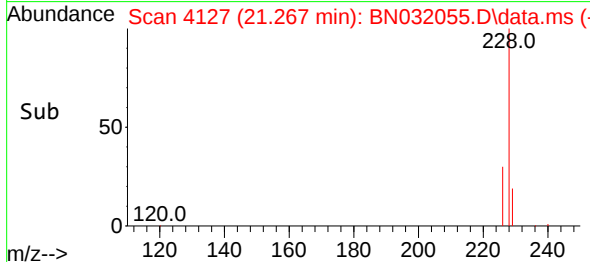
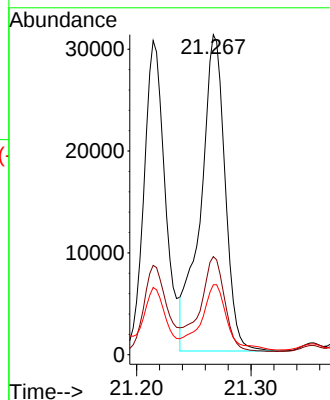
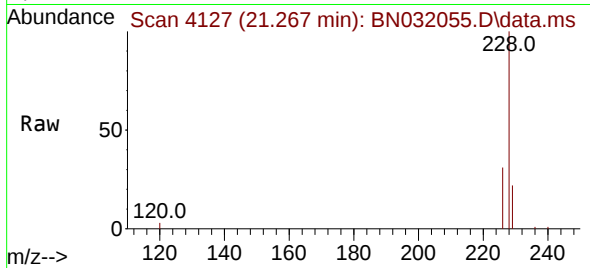
A4BN8

Tgt Ion:228	Resp:	4610
Ion Ratio	Lower	Upper
228	100	
226	30.7	23.6 35.4
229	21.9	15.6 23.4

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#24

Benzo(b)fluoranthene

Concen: 0.450 ng/ul m

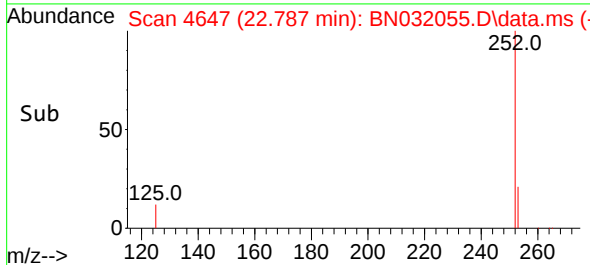
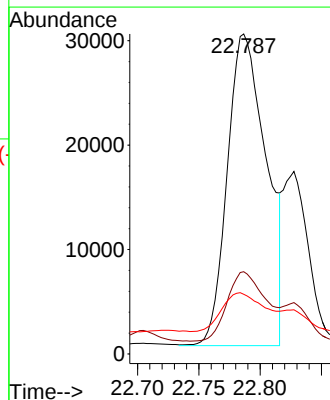
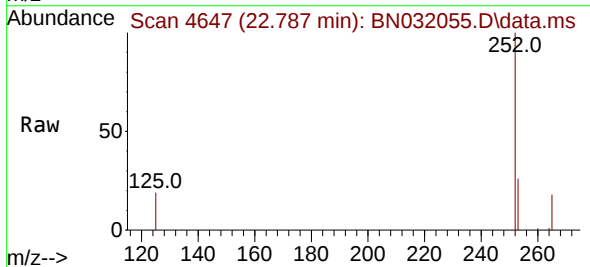
RT: 22.787 min Scan# 4647

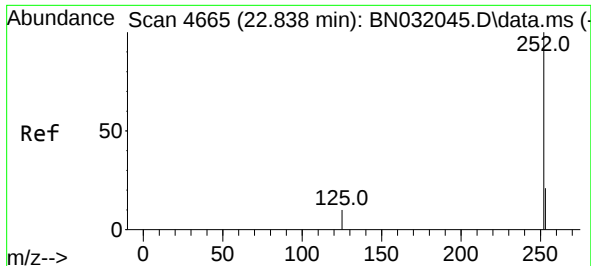
Delta R.T. -0.006 min

Lab File: BN032055.D

Acq: 18 Jun 2024 21:32

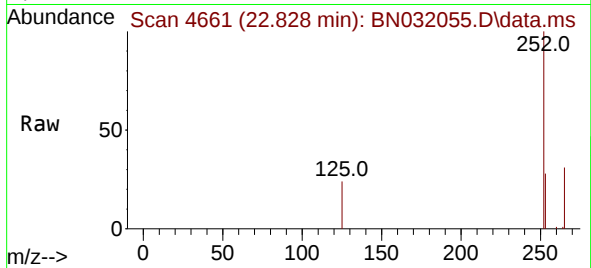
Tgt Ion:252	Resp:	66043
Ion Ratio	Lower	Upper
252	100	
253	25.7	0.0 47.4
125	18.6	0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.166 ng/ul m
RT: 22.828 min Scan# 4661
Delta R.T. -0.009 min
Lab File: BN032055.D
Acq: 18 Jun 2024 21:32

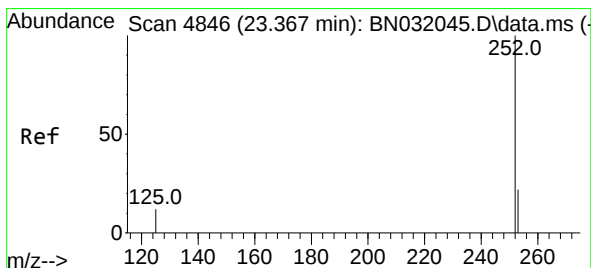
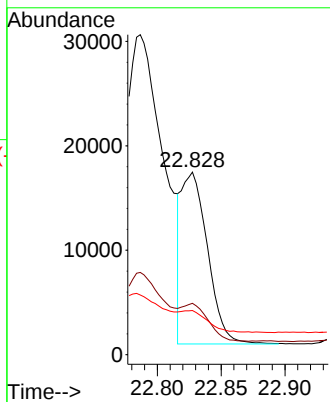
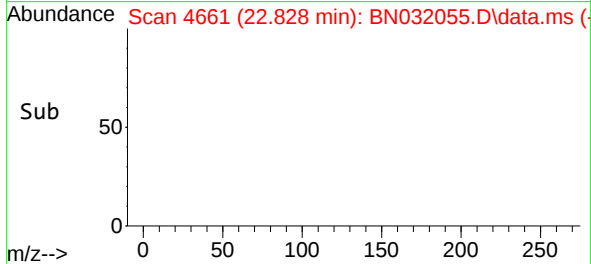
Instrument :
BNA_N
ClientSampleId :
A4BN8



Tgt Ion:252 Resp: 23418
Ion Ratio Lower Upper
252 100
253 28.1 18.8 28.2
125 24.2 11.1 16.7

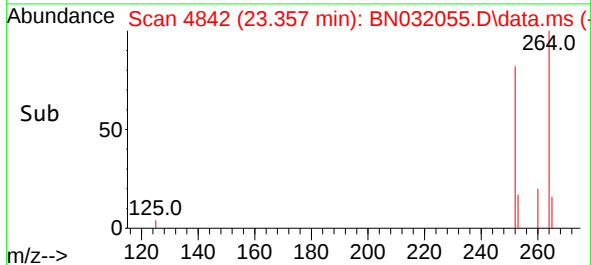
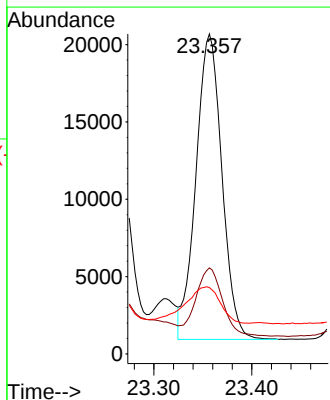
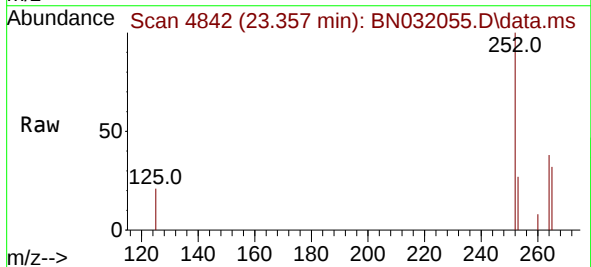
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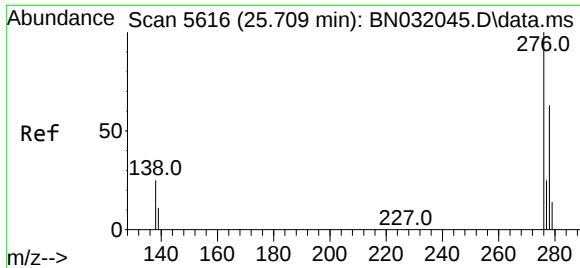
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.357 min Scan# 4842
Delta R.T. -0.009 min
Lab File: BN032055.D
Acq: 18 Jun 2024 21:32

Tgt Ion:252 Resp: 36352
Ion Ratio Lower Upper
252 100
253 26.9 19.9 29.9
125 20.8 13.5 20.3





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.220 ng/ul

RT: 25.697 min Scan# 5612

Delta R.T. -0.010 min

Lab File: BN032055.D

Acq: 18 Jun 2024 21:32

Instrument :

BNA_N

ClientSampleId :

A4BN8

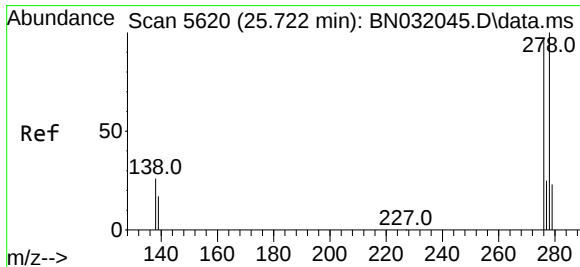
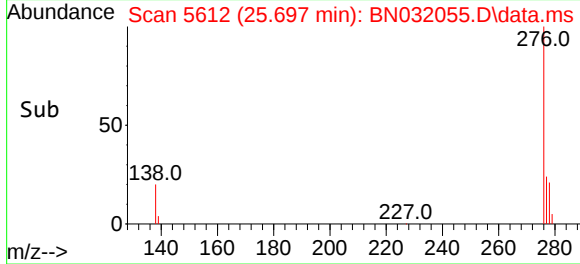
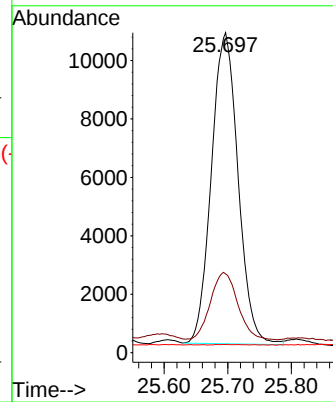
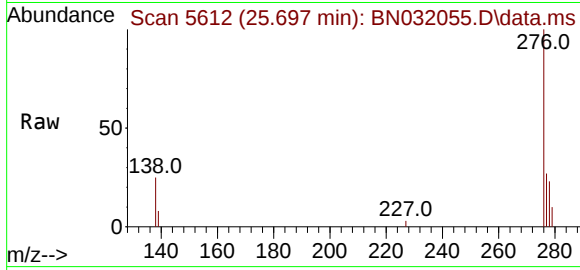
Tgt Ion:	276	Resp:	3098
Ion Ratio	Lower	Upper	
276	100		
138	22.3	21.0	31.4
227	0.0	0.2	0.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/19/2024

Supervised By :mohammad ahmed 06/21/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.075 ng/ul

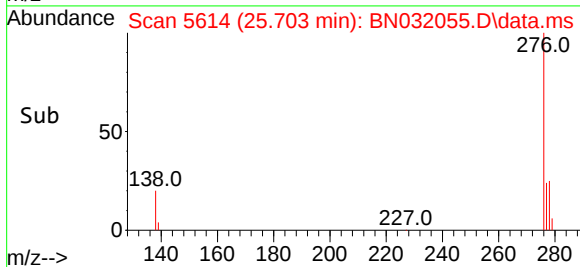
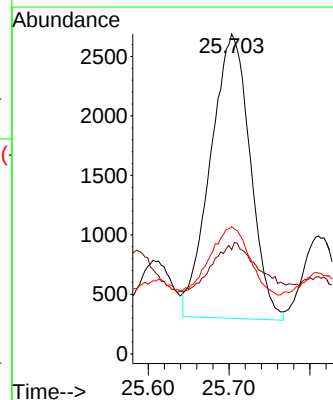
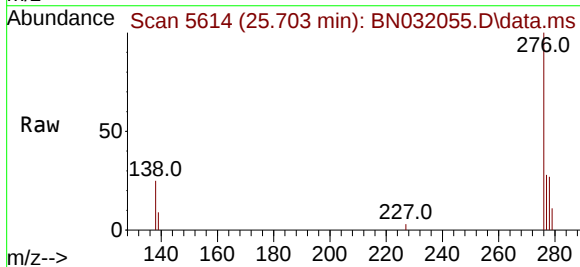
RT: 25.703 min Scan# 5614

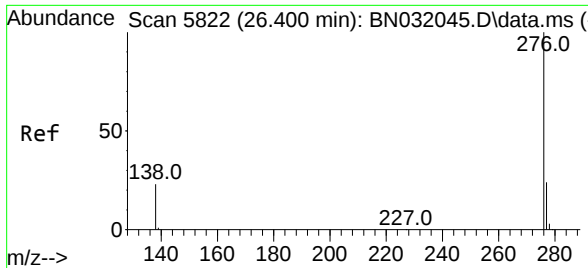
Delta R.T. -0.020 min

Lab File: BN032055.D

Acq: 18 Jun 2024 21:32

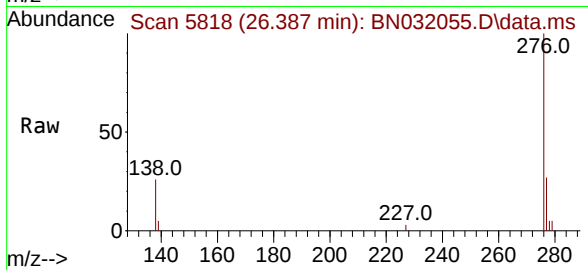
Tgt Ion:	278	Resp:	8154
Ion Ratio	Lower	Upper	
278	100		
139	32.5	14.9	22.3#
279	39.8	20.6	31.0#





#29
Benzo(g,h,i)perylene
Concen: 0.278 ng/ul
RT: 26.387 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN032055.D
Acq: 18 Jun 2024 21:32

Instrument :
BNA_N
ClientSampleId :
A4BN8



Tgt Ion:276 Resp: 31090
Ion Ratio Lower Upper
276 100
138 25.6 19.0 28.4
277 26.8 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

