

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032762.D
 Acq On : 17 Jul 2024 04:32
 Operator : MA/JU
 Sample : P3100-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D33

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 04:57:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	5544	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	18423	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	11439	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.948	188	21687m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.165	240	16395m	0.400	ng/ul	0.00
23) Perylene-d12	23.362	264	25665m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	39591	5.947	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	7945	0.285	ng/ul	-0.02
18) Fluoranthene-d10	18.990	212	19739m	0.369	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	67445	1.363	ng/ul	97
7) 2-Methylnaphthalene	11.982	142	36026	1.167	ng/ul	97
8) 1-Methylnaphthalene	12.208	142	33449	1.047	ng/ul	99
10) Acenaphthylene	13.911	152	207600	4.492	ng/ul	99
11) Acenaphthene	14.253	153	32348	0.846	ng/ul	99
12) Fluorene	15.248	166	39243	0.898	ng/ul#	99
15) Phenanthrene	16.991	178	957751m	16.216	ng/ul	
16) Anthracene	17.084	178	255782m	5.301	ng/ul	
19) Fluoranthene	19.022	202	2385554m	35.788	ng/ul	
20) Pyrene	19.389	202	1732006m	25.103	ng/ul	
21) Benzo(a)anthracene	21.147	228	957013m	18.338	ng/ul	
22) Chrysene	21.200	228	1215039m	16.094	ng/ul	
24) Benzo(b)fluoranthene	22.705	252	1758776m	19.422	ng/ul	
25) Benzo(k)fluoranthene	22.746	252	703193m	6.372	ng/ul	
26) Benzo(a)pyrene	23.266	252	591954m	7.554	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.582	276	591626m	5.575	ng/ul	
28) Dibenzo(a,h)anthracene	25.576	278	237115m	2.883	ng/ul	
29) Benzo(g,h,i)perylene	26.263	276	75264m	0.849	ng/ul	

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

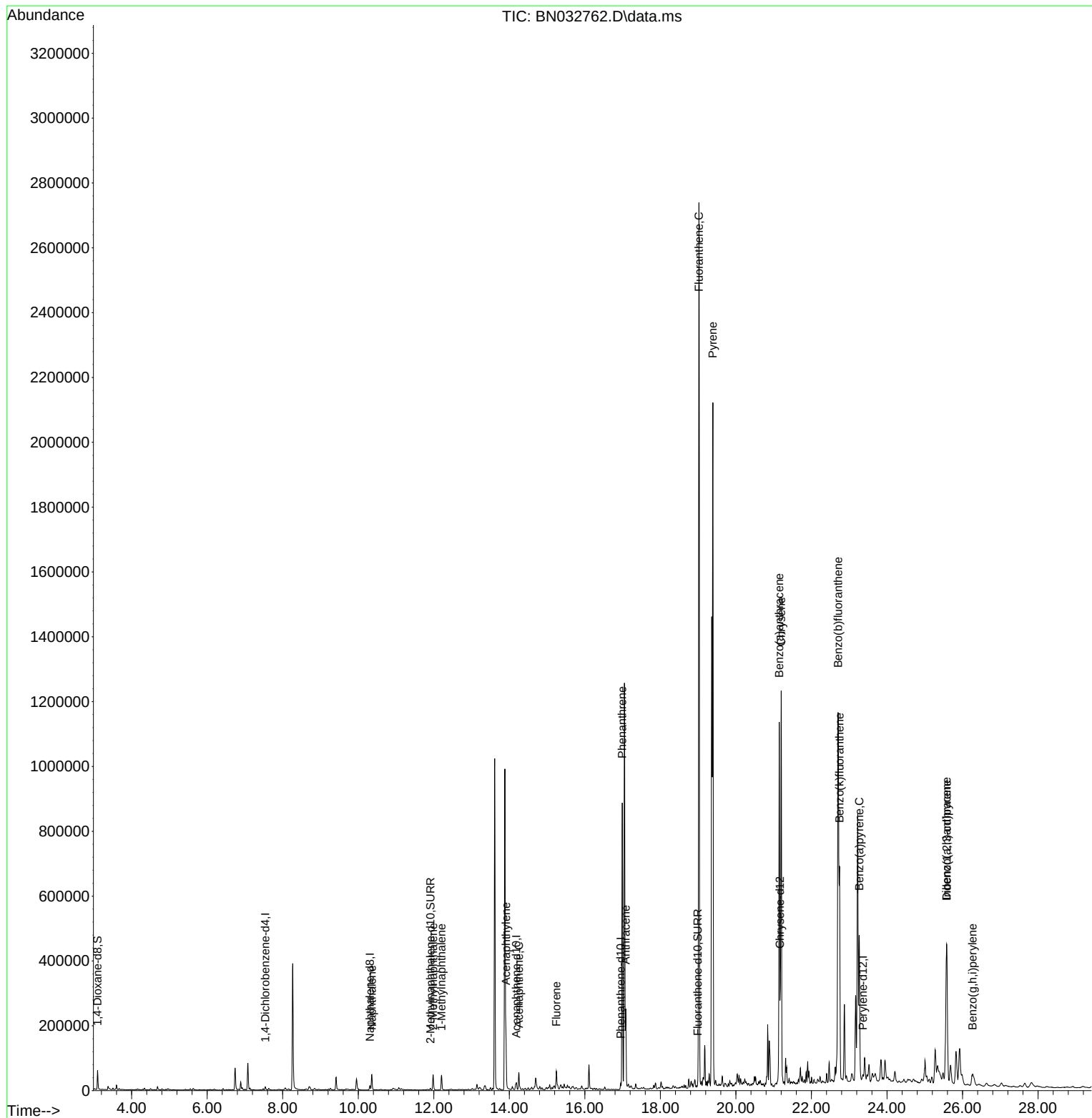
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032762.D
Acq On : 17 Jul 2024 04:32
Operator : MA/JU
Sample : P3100-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

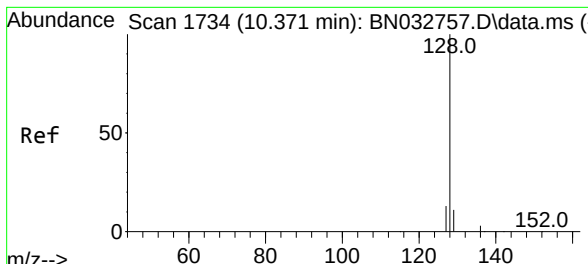
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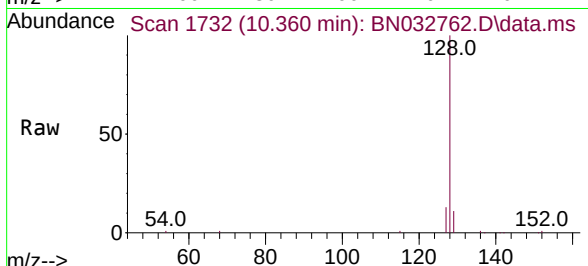
Quant Time: Jul 17 04:57:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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#5
Naphthalene
 Concen: 1.363 ng/ul
 RT: 10.360 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BN032762.D
 Acq: 17 Jul 2024 04:32

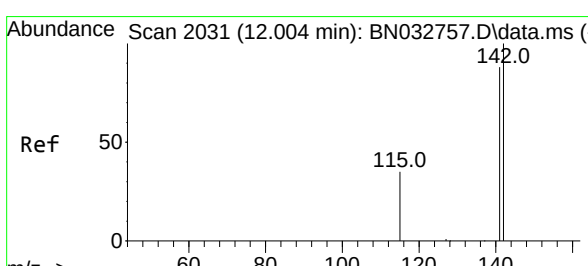
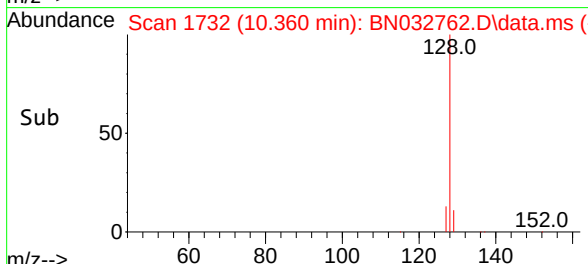
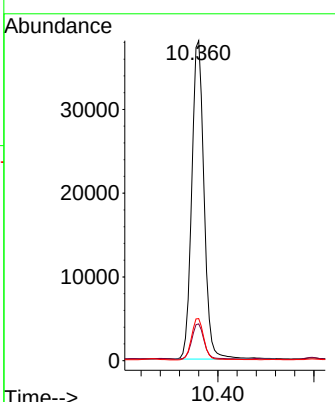
Instrument : BNA_N
ClientSampleId : A4D33



Tgt Ion:128 Resp: 6744

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.0	15.0
127	13.1	11.6	17.4

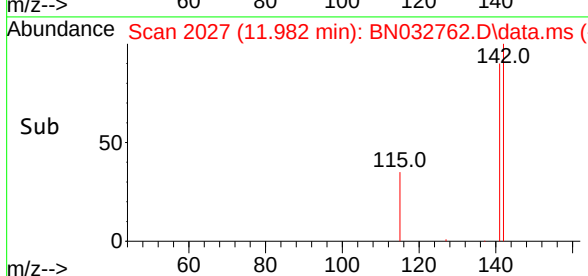
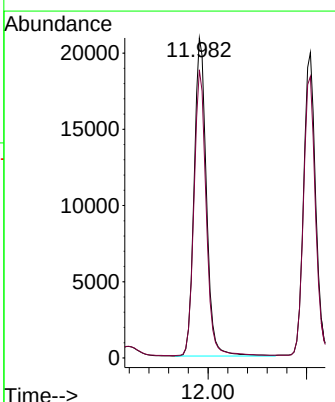
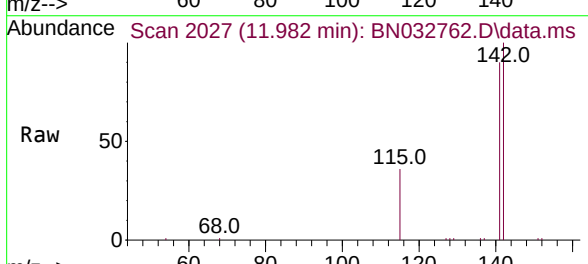
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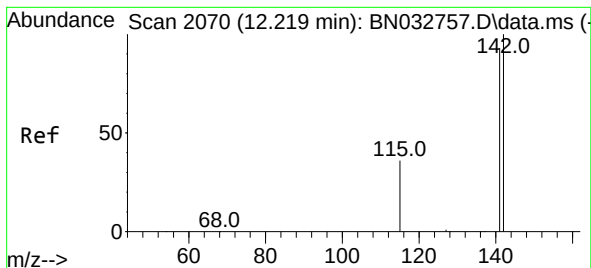


#7
2-Methylnaphthalene
 Concen: 1.167 ng/ul
 RT: 11.982 min Scan# 2027
 Delta R.T. -0.022 min
 Lab File: BN032762.D
 Acq: 17 Jul 2024 04:32

Tgt Ion:142 Resp: 36026

Ion	Ratio	Lower	Upper
142	100		
141	89.2	74.0	111.0





#8

1-Methylnaphthalene

Concen: 1.047 ng/ul

RT: 12.208 min Scan# 2070

Delta R.T. -0.011 min

Lab File: BN032762.D

Acq: 17 Jul 2024 04:32

Instrument :

BNA_N

ClientSampleId :

A4D33

Tgt Ion:142 Resp: 33449

Ion Ratio Lower Upper

142 100

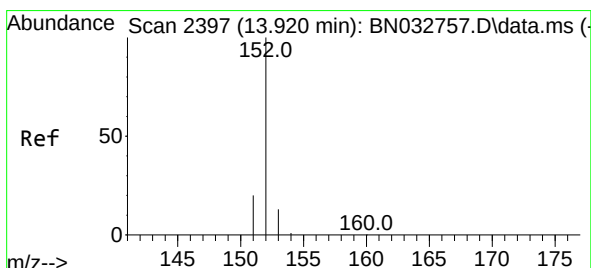
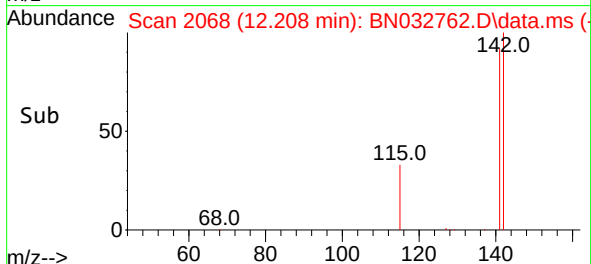
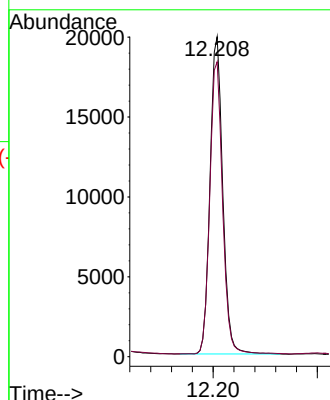
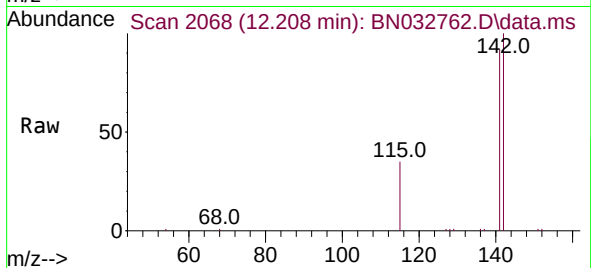
141 92.5 75.0 112.4

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#10

Acenaphthylene

Concen: 4.492 ng/ul

RT: 13.911 min Scan# 2395

Delta R.T. -0.009 min

Lab File: BN032762.D

Acq: 17 Jul 2024 04:32

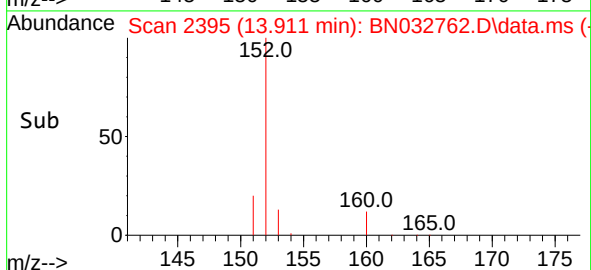
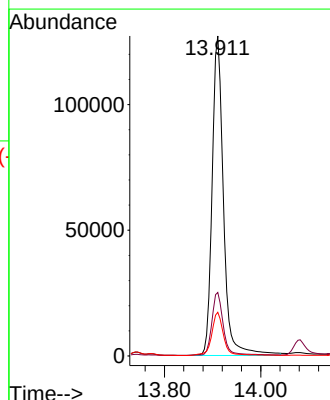
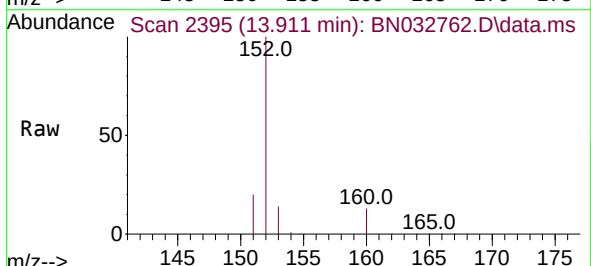
Tgt Ion:152 Resp: 207600

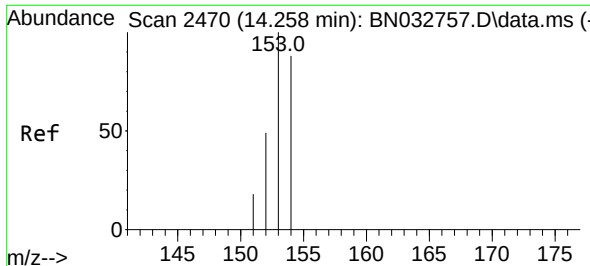
Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

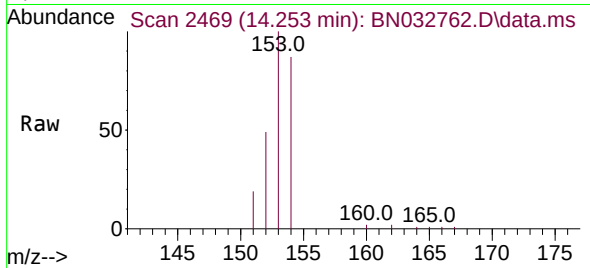
153 13.6 11.3 16.9





#11
Acenaphthene
Concen: 0.846 ng/u1
RT: 14.253 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32

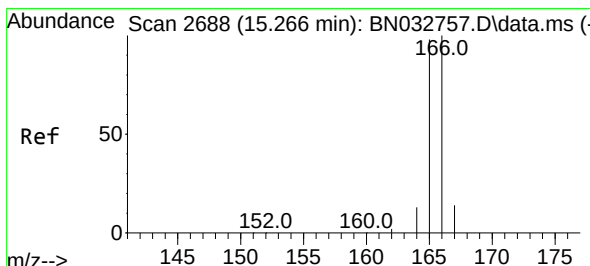
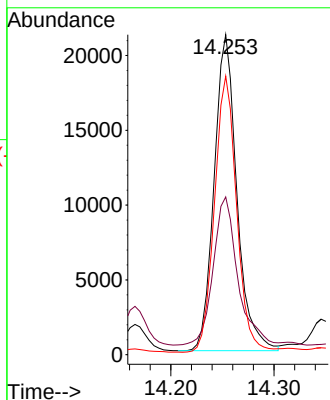
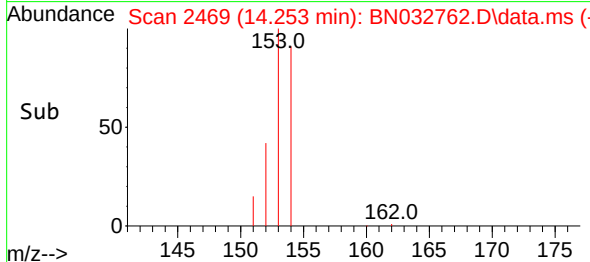
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 32348
Ion Ratio Lower Upper
153 100
152 49.3 40.0 60.0
154 87.1 70.2 105.4

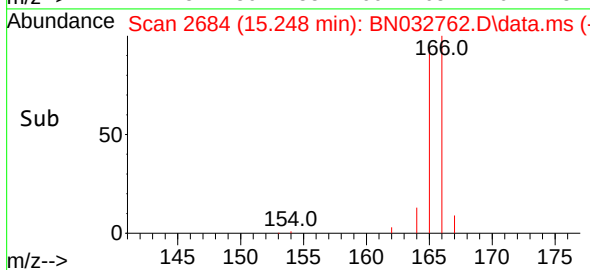
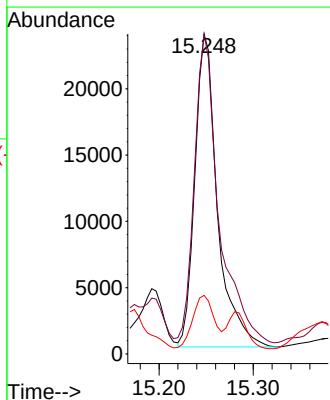
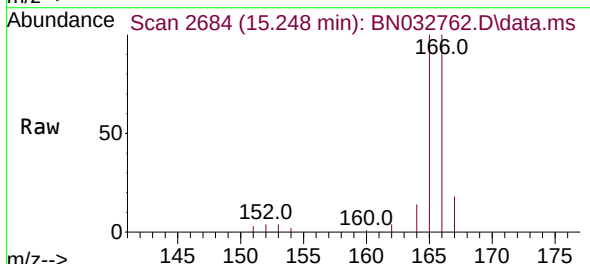
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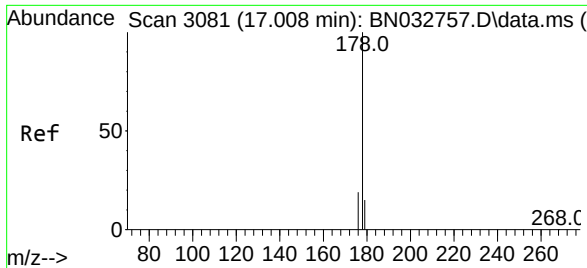
Reviewed By :Yogesh Patel 07/18/2024
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#12
Fluorene
Concen: 0.898 ng/u1
RT: 15.248 min Scan# 2684
Delta R.T. -0.019 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32

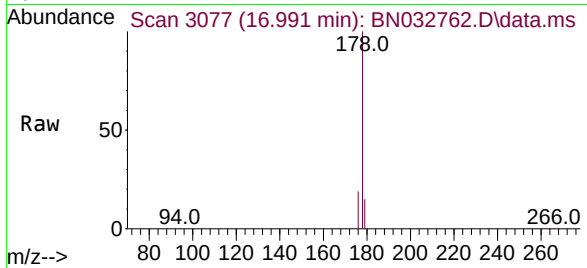
Tgt Ion:166 Resp: 39243
Ion Ratio Lower Upper
166 100
165 99.8 79.7 119.5
167 18.3 11.4 17.2#





#15
Phenanthrene
Concen: 16.216 ng/ul m
RT: 16.991 min Scan# 3077
Delta R.T. -0.017 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32

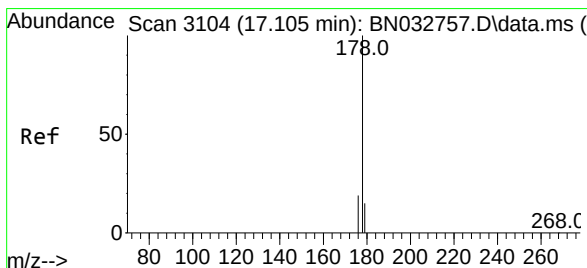
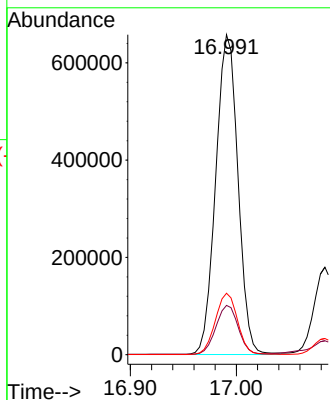
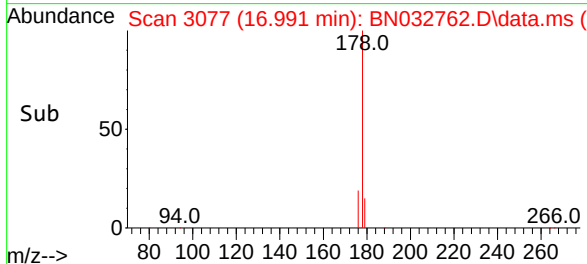
Instrument :
BNA_N
ClientSampleId :
A4D33



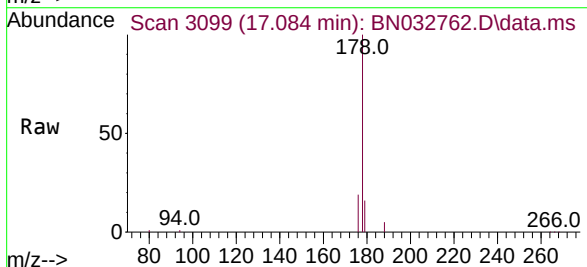
Tgt Ion:178 Resp: 95775
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.2 15.6 23.4

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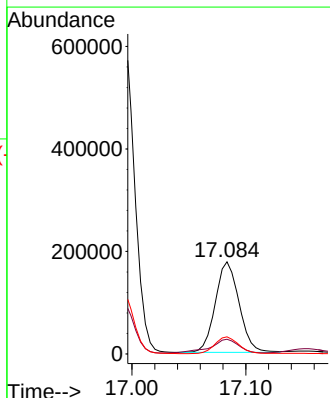
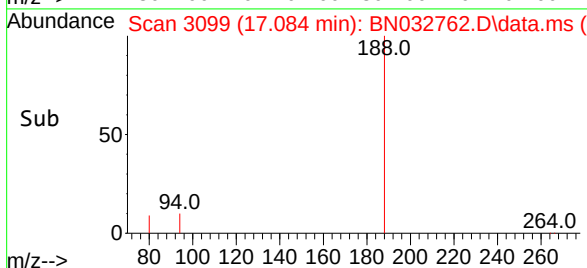
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Supervised By :mohammad ahmed 07/19/2024

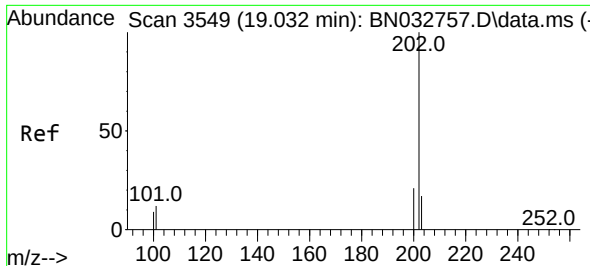


#16
Anthracene
Concen: 5.301 ng/ul m
RT: 17.084 min Scan# 3099
Delta R.T. -0.021 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32



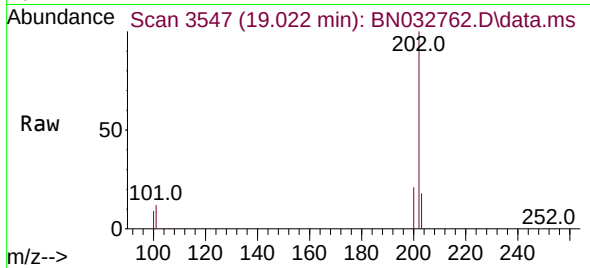
Tgt Ion:178 Resp: 255782
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.2
176 18.5 15.4 23.0





#19
Fluoranthene
Concen: 35.788 ng/ul m
RT: 19.022 min Scan# 3549
Delta R.T. -0.009 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32

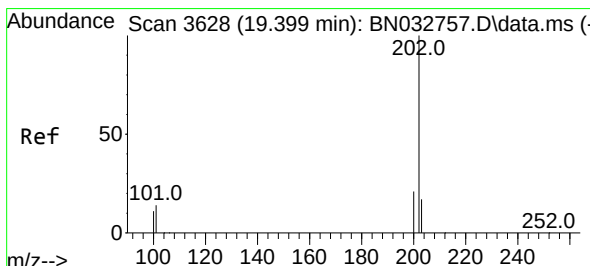
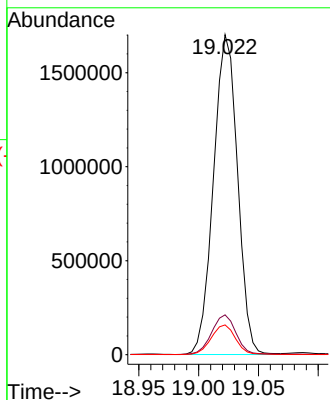
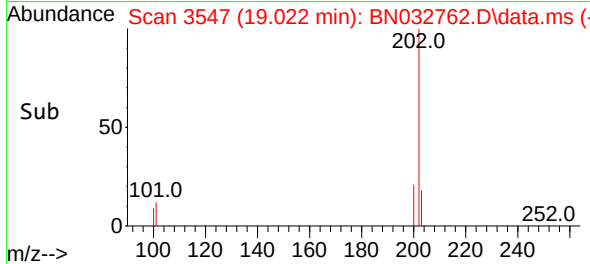
Instrument :
BNA_N
ClientSampleId :
A4D33



Tgt Ion:202 Resp: 2385554
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.8
100 9.3 7.9 11.9

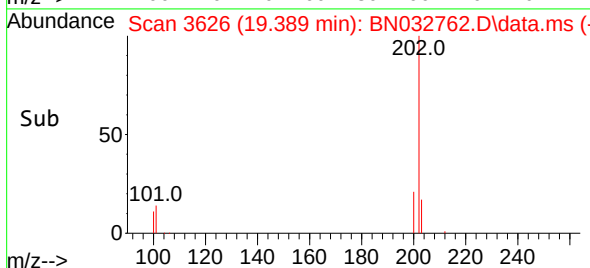
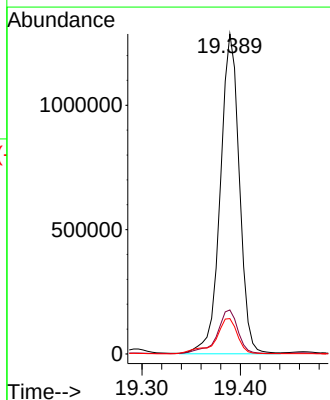
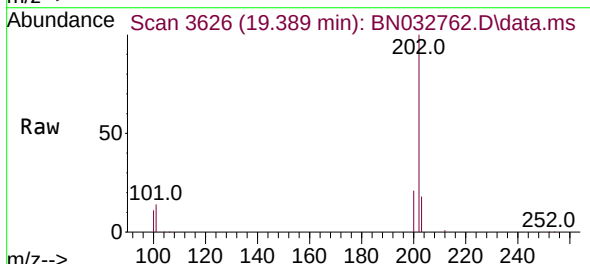
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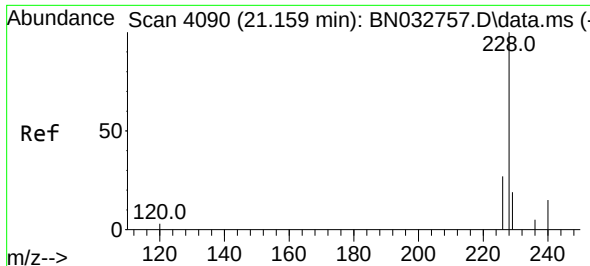
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 25.103 ng/ul m
RT: 19.389 min Scan# 3626
Delta R.T. -0.009 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32

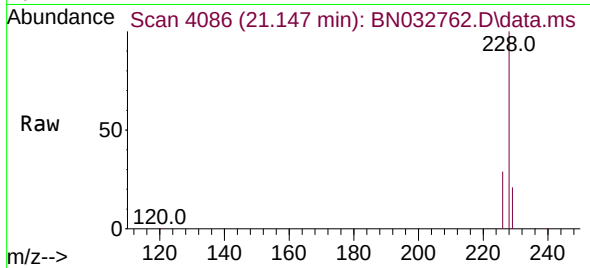
Tgt Ion:202 Resp: 1732006
Ion Ratio Lower Upper
202 100
101 13.7 11.8 17.6
100 11.0 9.6 14.4





#21
Benzo(a)anthracene
Concen: 18.338 ng/ul m
RT: 21.147 min Scan# 4086
Delta R.T. -0.012 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32

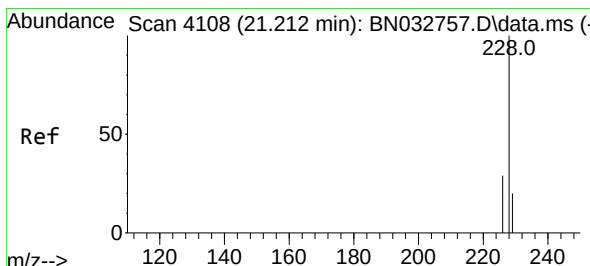
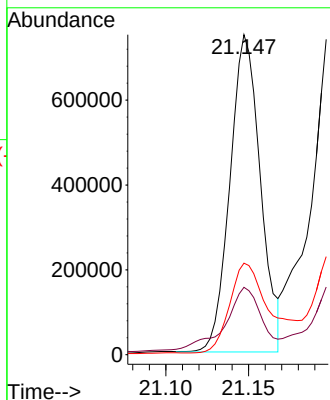
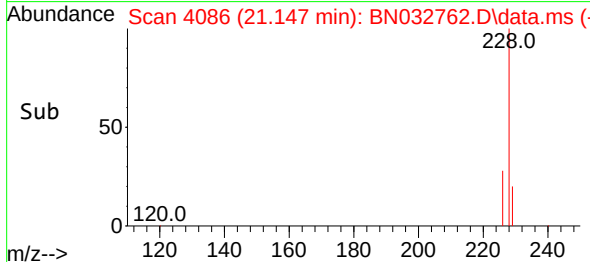
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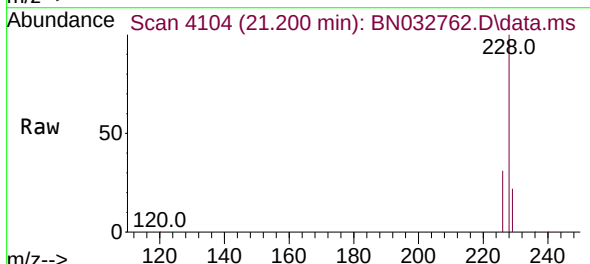
Tgt Ion:228 Resp: 957011
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 28.6 21.9 32.9

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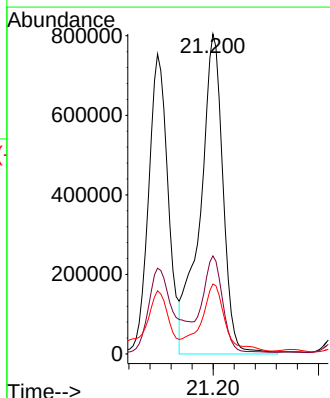
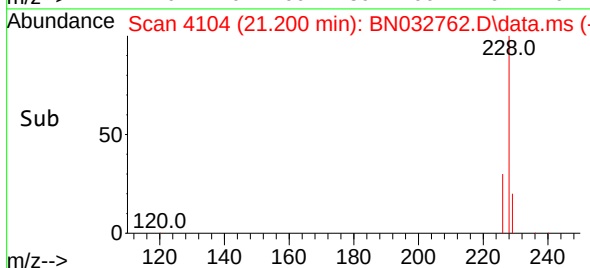
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

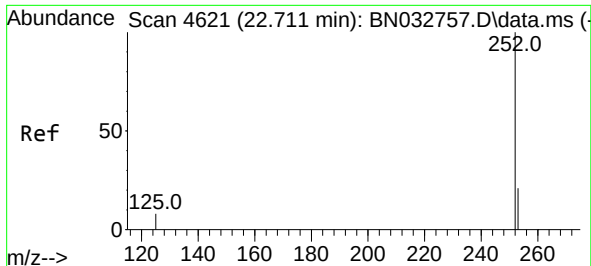


#22
Chrysene
Concen: 16.094 ng/ul m
RT: 21.200 min Scan# 4104
Delta R.T. -0.012 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32



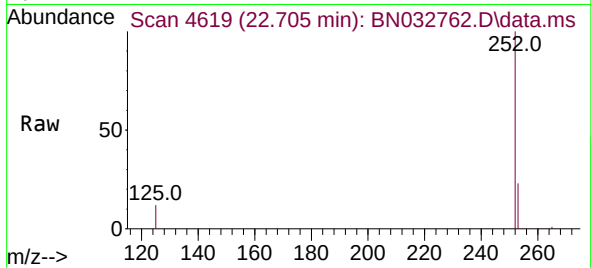
Tgt Ion:228 Resp: 1215039
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 19.422 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. -0.006 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32

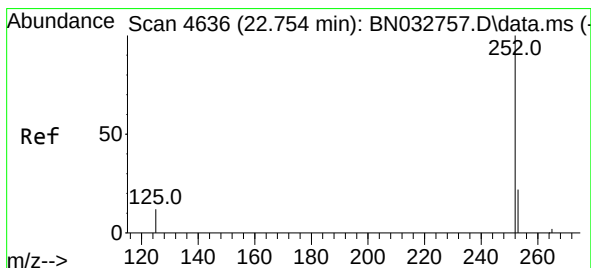
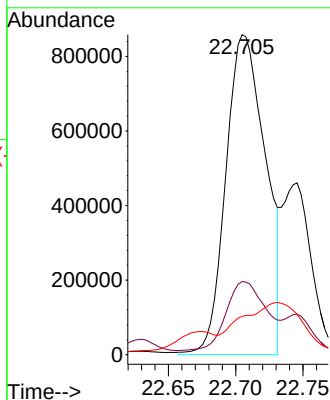
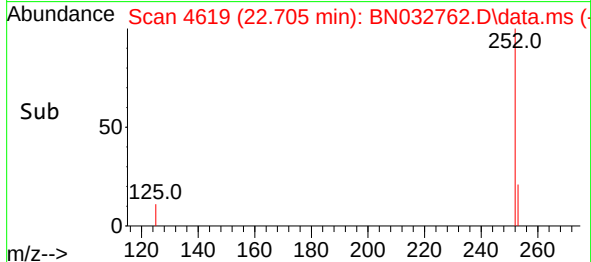
Instrument :
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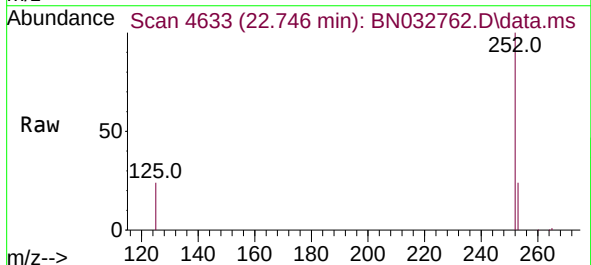
Tgt Ion:252 Resp: 1758770
Ion Ratio Lower Upper
252 100
253 22.9 0.0 54.0
125 11.9 0.0 36.0

Manual Integrations
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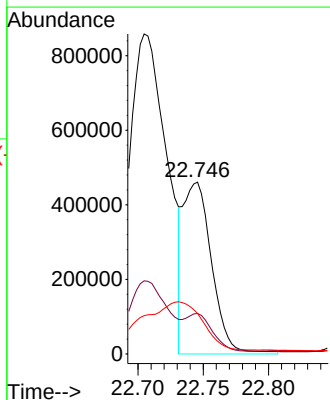
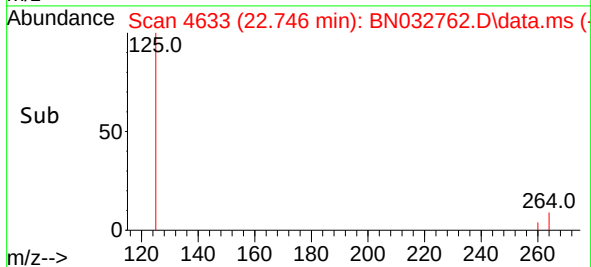
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

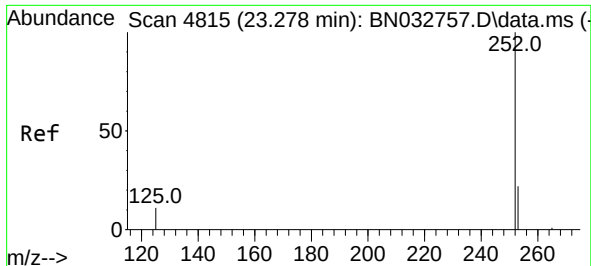


#25
Benzo(k)fluoranthene
Concen: 6.372 ng/ul m
RT: 22.746 min Scan# 4633
Delta R.T. -0.009 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32



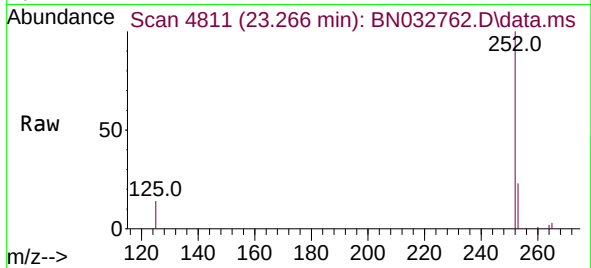
Tgt Ion:252 Resp: 703193
Ion Ratio Lower Upper
252 100
253 23.5 21.2 31.8
125 23.5 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 7.554 ng/ul m
RT: 23.266 min Scan# 4815
Delta R.T. -0.012 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32

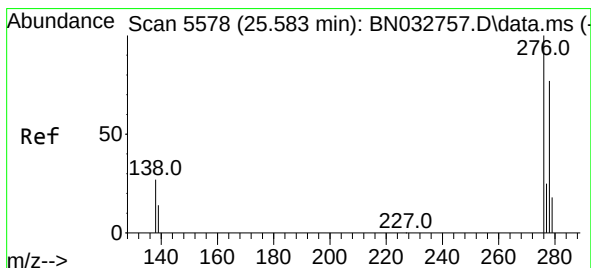
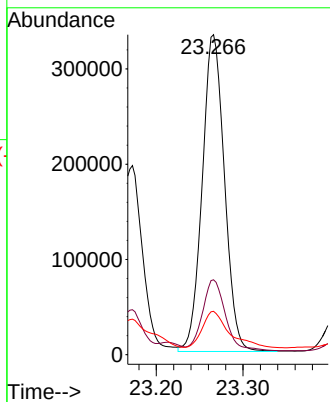
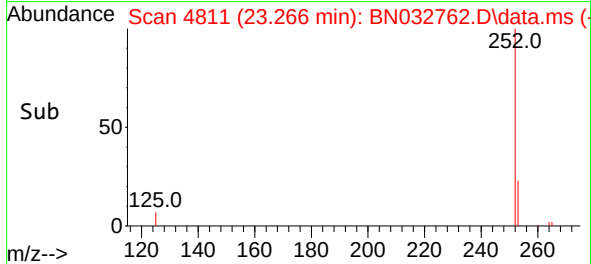
Instrument :
BNA_N
ClientSampleId :
A4D33



Tgt Ion:252 Resp: 591954
Ion Ratio Lower Upper
252 100
253 23.4 25.4 38.0#
125 13.5 20.6 30.8#

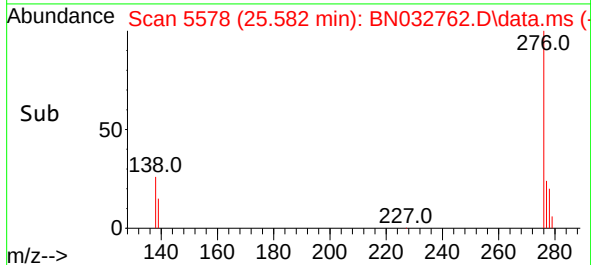
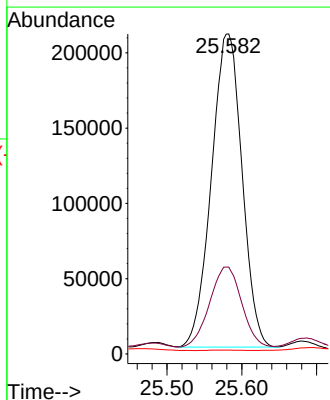
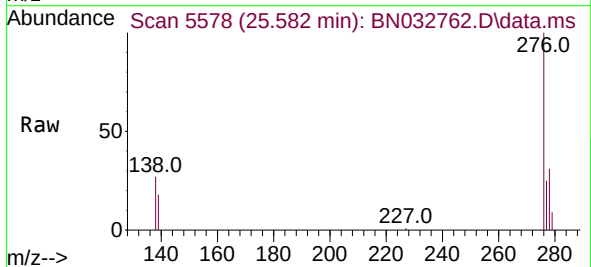
Manual Integrations
APPROVED

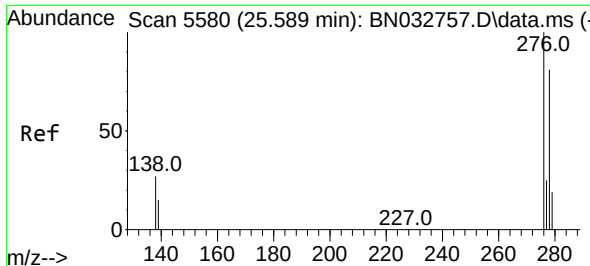
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.575 ng/ul m
RT: 25.582 min Scan# 5578
Delta R.T. -0.000 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32

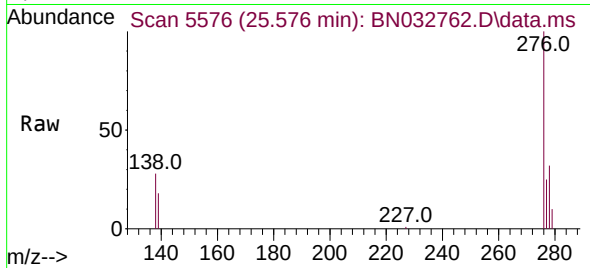
Tgt Ion:276 Resp: 591626
Ion Ratio Lower Upper
276 100
138 3.8 21.6 32.4#
227 1.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 2.883 ng/ul m
RT: 25.576 min Scan# 5576
Delta R.T. -0.014 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32

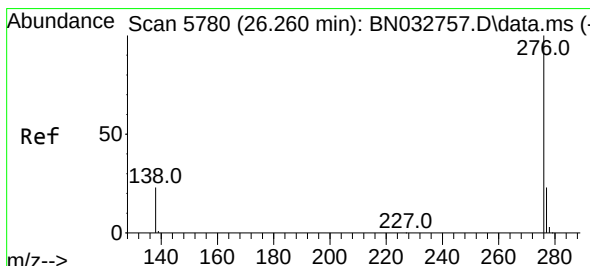
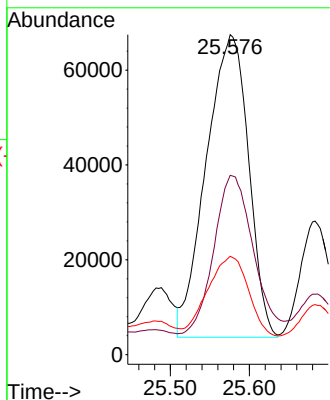
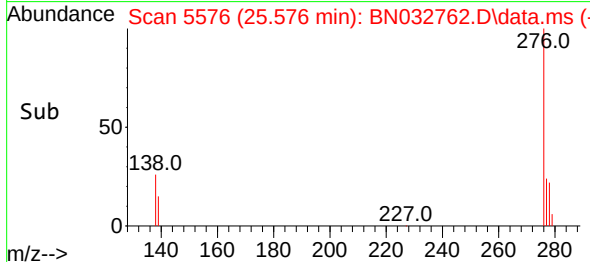
Instrument :
BNA_N
ClientSampleId :
A4D33



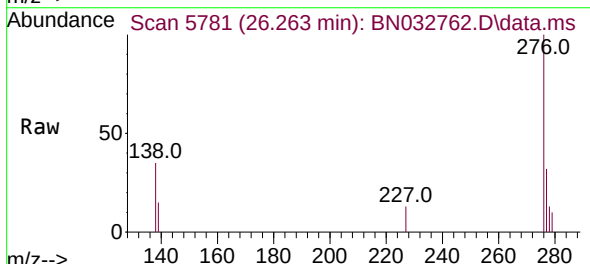
Tgt Ion:278 Resp: 23711
Ion Ratio Lower Upper
278 100
139 56.0 16.6 24.8
279 30.8 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.849 ng/ul m
RT: 26.263 min Scan# 5781
Delta R.T. 0.003 min
Lab File: BN032762.D
Acq: 17 Jul 2024 04:32



Tgt Ion:276 Resp: 75264
Ion Ratio Lower Upper
276 100
138 34.9 21.0 31.4#
277 31.6 20.6 31.0#

