

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032765.D
 Acq On : 17 Jul 2024 06:22
 Operator : MA/JU
 Sample : P3100-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BW9

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 06:48:53 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	5766	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.316	136	17510	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.193	164	11386	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	23456m	0.400	ng/ul	0.00
17) Chrysene-d12	21.170	240	19066m	0.400	ng/ul	0.00
23) Perylene-d12	23.368	264	23104m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	31143	4.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	7205	0.272	ng/ul	-0.02
18) Fluoranthene-d10	18.999	212	15197m	0.245	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.365	128	19143	0.407	ng/ul	99
7) 2-Methylnaphthalene	11.988	142	5872	0.200	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	4173	0.137	ng/ul	98
10) Acenaphthylene	13.915	152	38259	0.832	ng/ul	100
11) Acenaphthene	14.258	153	13417	0.353	ng/ul	99
12) Fluorene	15.252	166	16039	0.369	ng/ul	99
15) Phenanthrene	16.995	178	329445m	5.157	ng/ul	
16) Anthracene	17.088	178	68322m	1.309	ng/ul	
19) Fluoranthene	19.027	202	686944m	8.862	ng/ul	
20) Pyrene	19.394	202	530014m	6.606	ng/ul	
21) Benzo(a)anthracene	21.153	228	371560m	6.122	ng/ul	
22) Chrysene	21.206	228	430658m	4.905	ng/ul	
24) Benzo(b)fluoranthene	22.713	252	626672m	7.687	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	231845m	2.334	ng/ul	
26) Benzo(a)pyrene	23.272	252	209295m	2.967	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.582	276	173990m	1.821	ng/ul	
28) Dibenzo(a,h)anthracene	25.582	278	70294m	0.949	ng/ul	
29) Benzo(g,h,i)perylene	26.267	276	26190m	0.328	ng/ul	

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

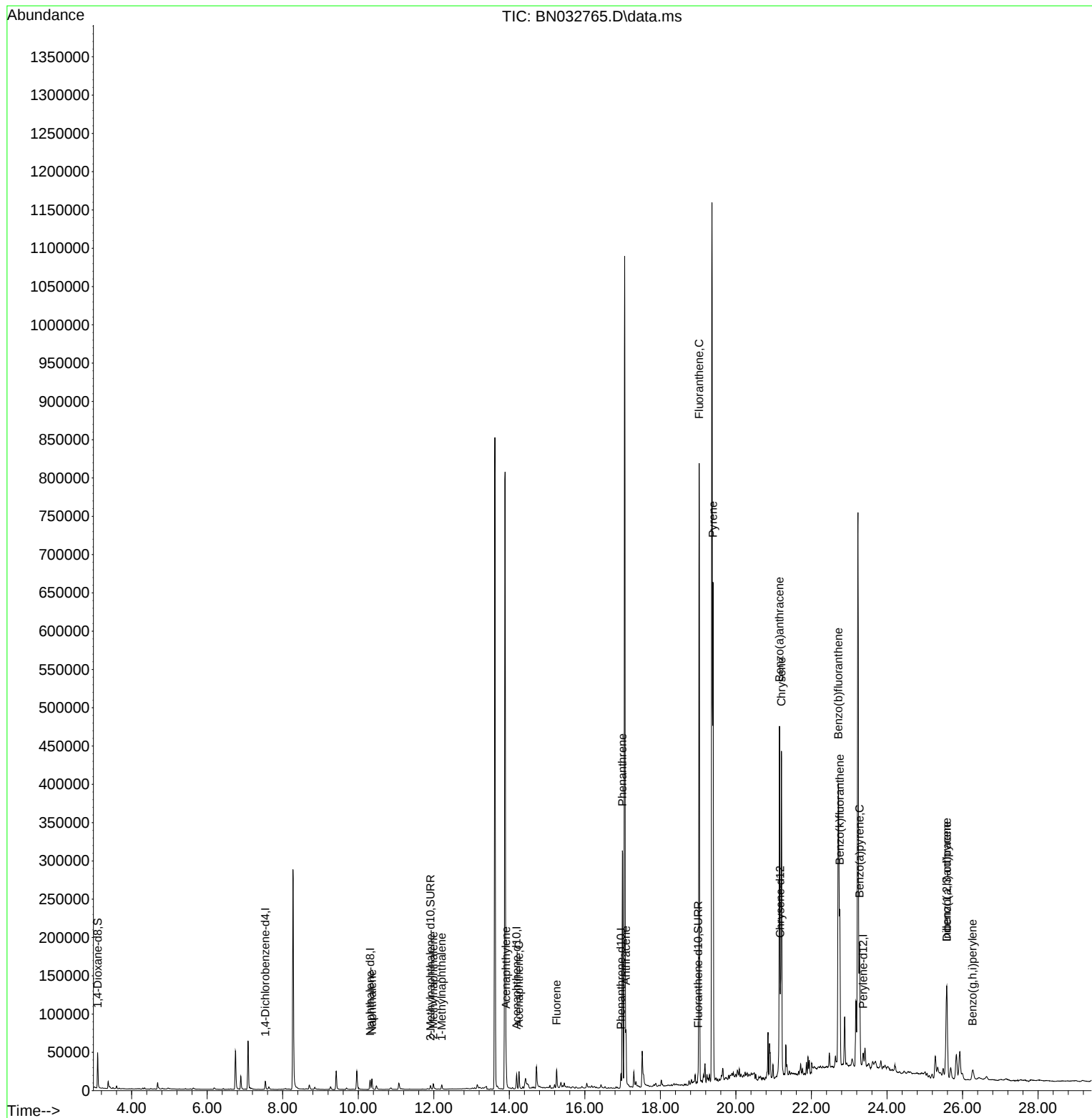
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

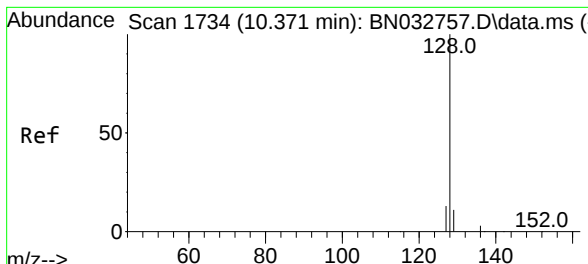
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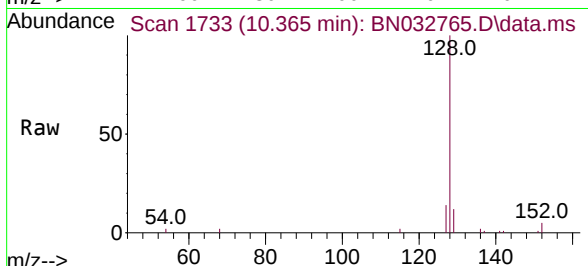
Quant Time: Jul 17 06:48:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
 Concen: 0.407 ng/ul
 RT: 10.365 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BN032765.D
 Acq: 17 Jul 2024 06:22

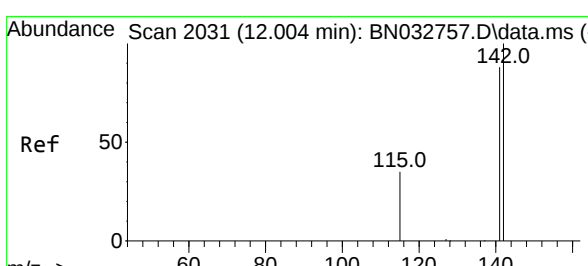
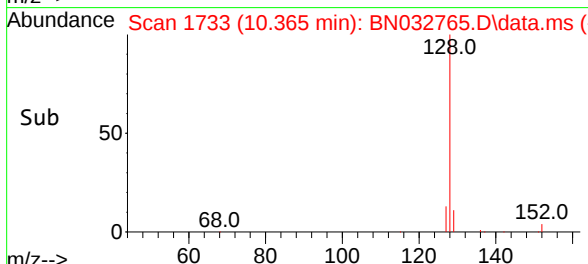
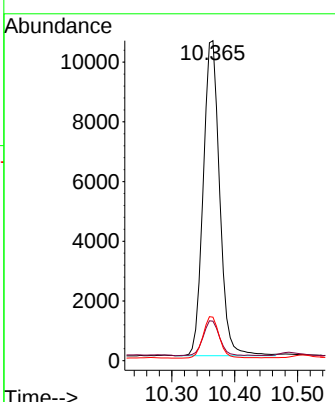
Instrument :
 BNA_N
ClientSampleId :
 A4BW9



Tgt Ion:128 Resp: 1914

Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.0	15.0
127	13.6	11.6	17.4

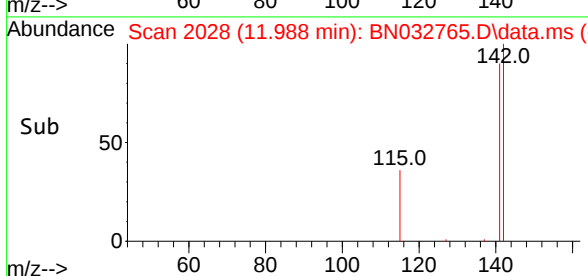
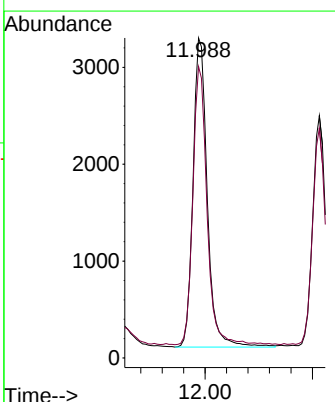
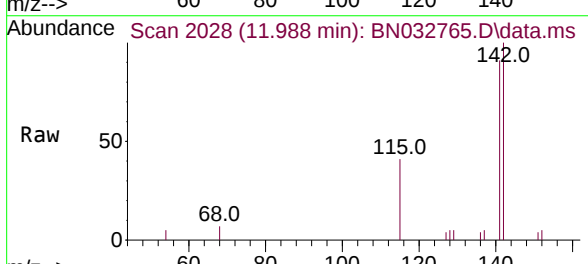
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 Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

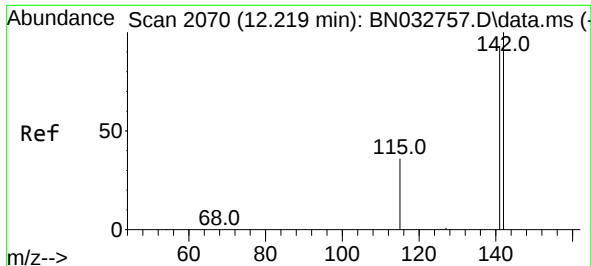


#7
2-Methylnaphthalene
 Concen: 0.200 ng/ul
 RT: 11.988 min Scan# 2028
 Delta R.T. -0.017 min
 Lab File: BN032765.D
 Acq: 17 Jul 2024 06:22

Tgt Ion:142 Resp: 5872

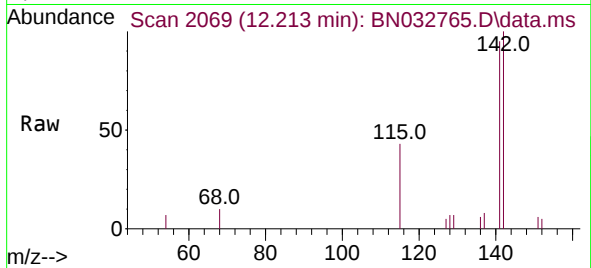
Ion	Ratio	Lower	Upper
142	100		
141	89.4	74.0	111.0





#8
1-Methylnaphthalene
Concen: 0.137 ng/ul
RT: 12.213 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

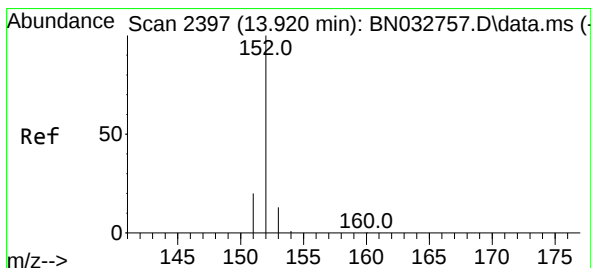
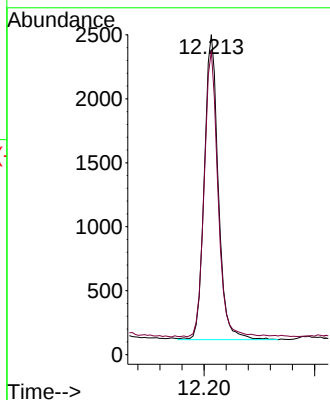
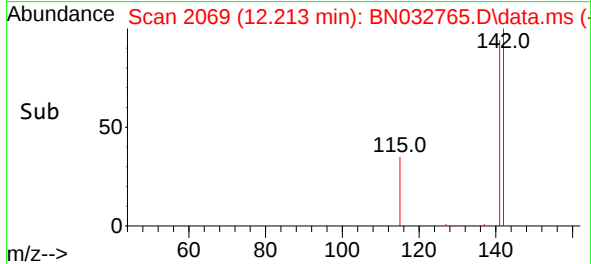
Instrument :
BNA_N
ClientSampleId :
A4BW9



Tgt Ion:142 Resp: 417
Ion Ratio Lower Upper
142 100
141 91.6 75.0 112.4

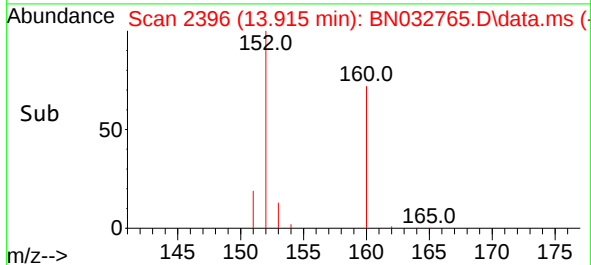
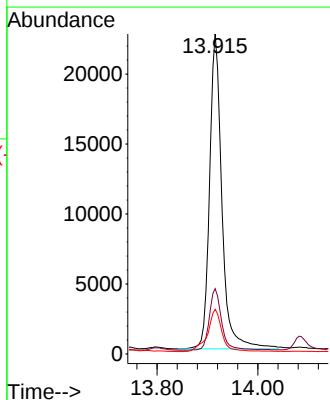
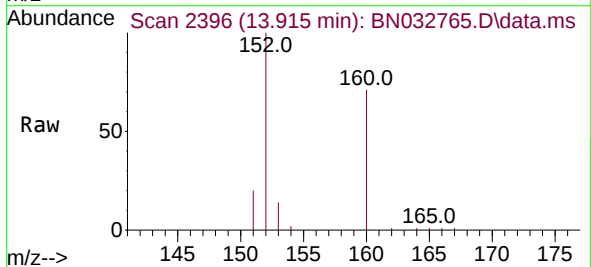
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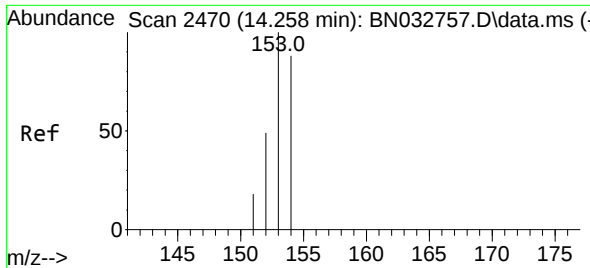
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.832 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

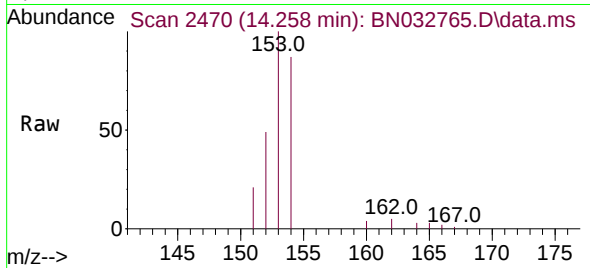
Tgt Ion:152 Resp: 38259
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.0 11.3 16.9





#11
Acenaphthene
Concen: 0.353 ng/u1
RT: 14.258 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

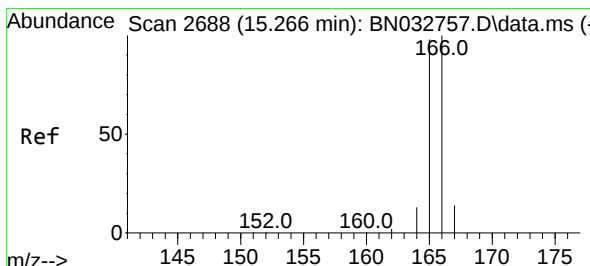
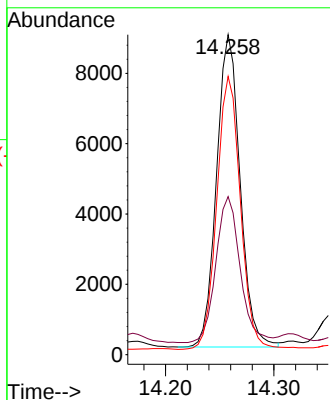
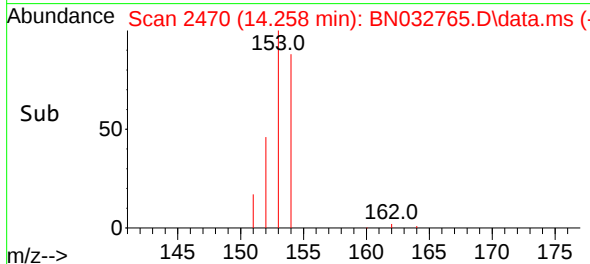
Instrument :
BNA_N
ClientSampleId :
A4BW9



Tgt Ion:153 Resp: 1341
Ion Ratio Lower Upper
153 100
152 49.4 40.0 60.0
154 87.0 70.2 105.4

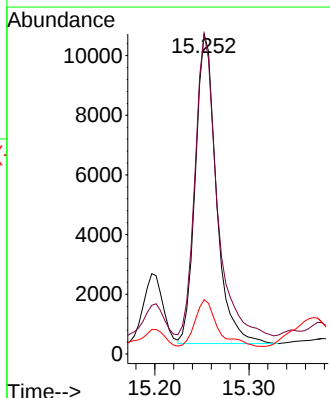
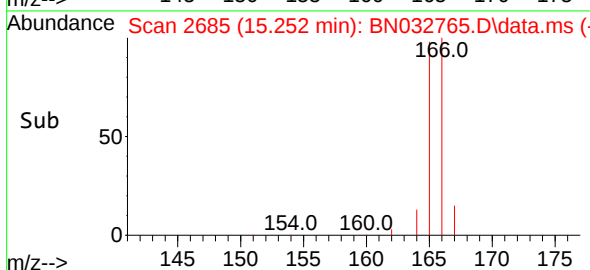
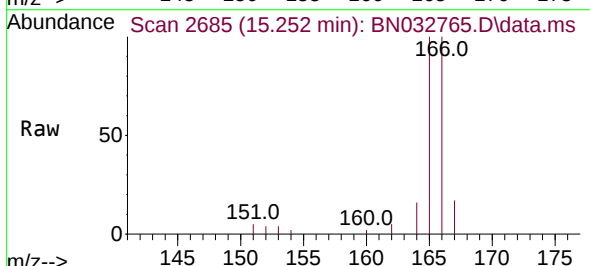
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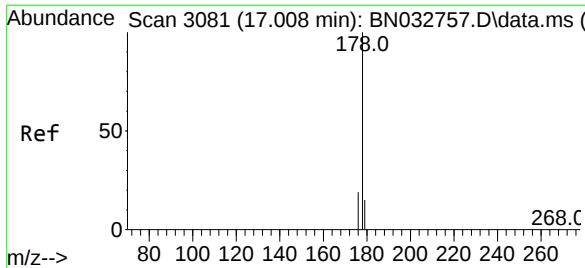
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.369 ng/u1
RT: 15.252 min Scan# 2685
Delta R.T. -0.014 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

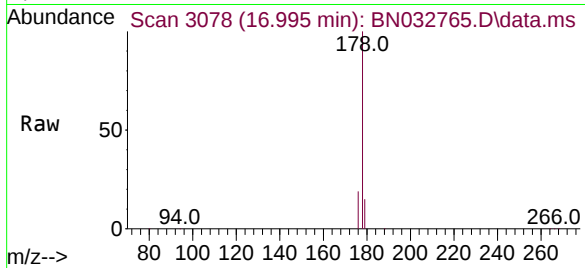
Tgt Ion:166 Resp: 16039
Ion Ratio Lower Upper
166 100
165 99.9 79.7 119.5
167 17.0 11.4 17.2





#15
Phenanthrene
Concen: 5.157 ng/ul m
RT: 16.995 min Scan# 3081
Delta R.T. -0.013 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

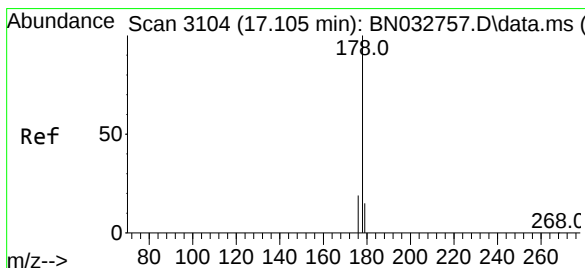
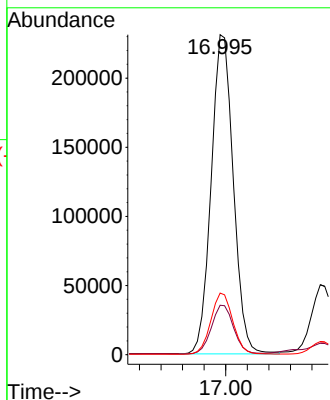
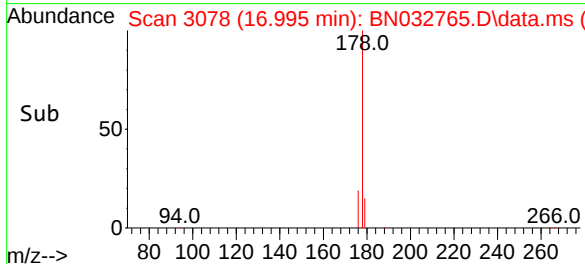
Instrument :
BNA_N
ClientSampleId :
A4BW9



Tgt Ion:178 Resp: 32944
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.3 15.6 23.4

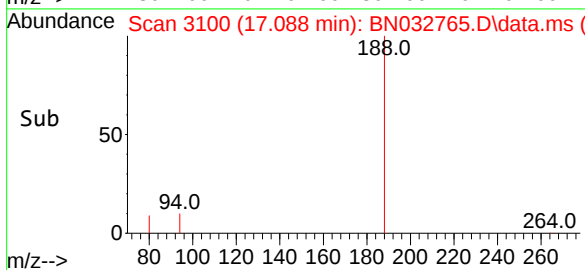
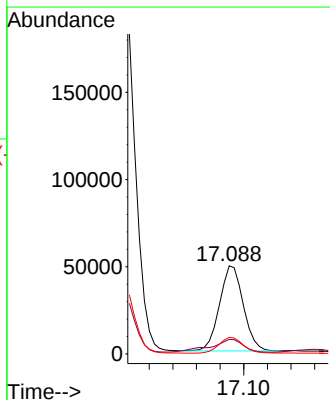
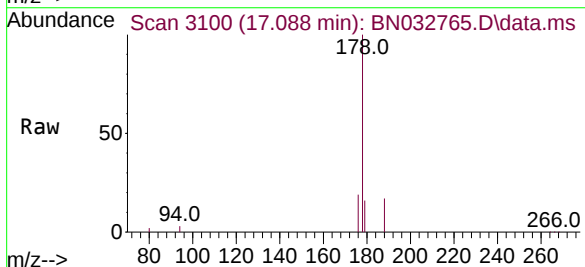
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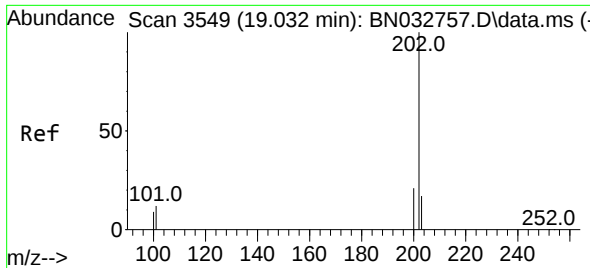
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#16
Anthracene
Concen: 1.309 ng/ul m
RT: 17.088 min Scan# 3100
Delta R.T. -0.017 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

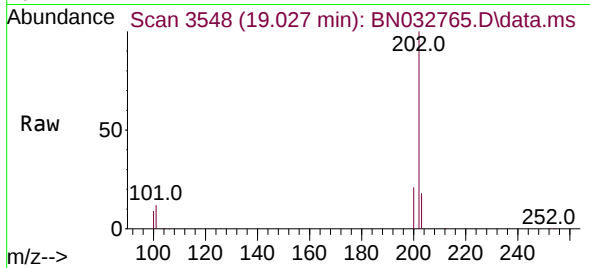
Tgt Ion:178 Resp: 68322
Ion Ratio Lower Upper
178 100
179 16.5 13.4 20.2
176 18.9 15.4 23.0





#19
Fluoranthene
Concen: 8.862 ng/ul m
RT: 19.027 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

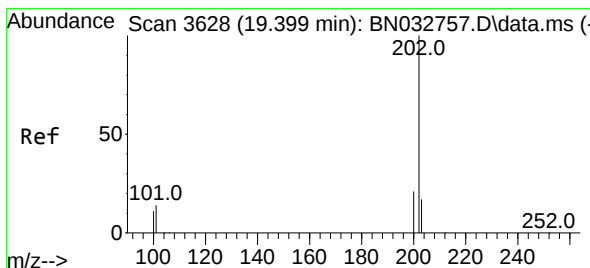
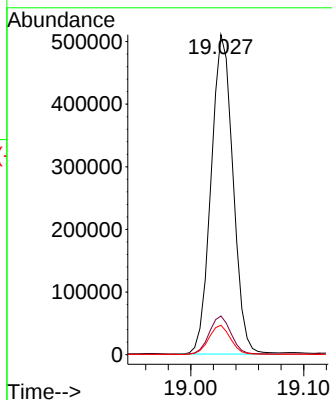
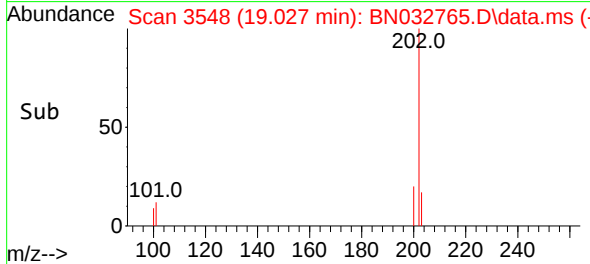
Instrument :
BNA_N
ClientSampleId :
A4BW9



Tgt Ion:202 Resp: 686944
Ion Ratio Lower Upper
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101 12.1 9.8 14.8
100 9.2 7.9 11.9

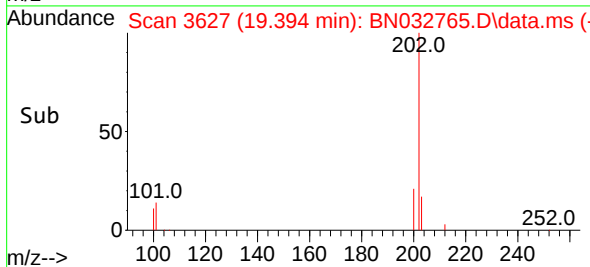
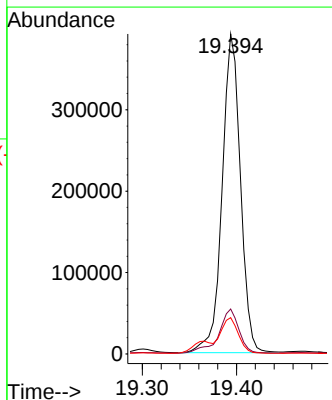
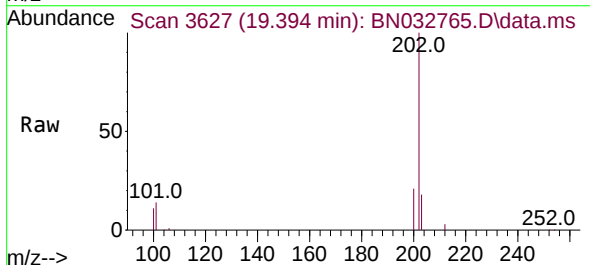
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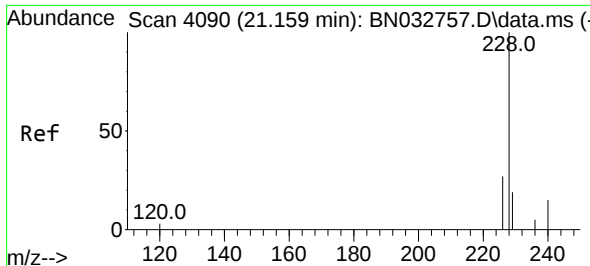
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 6.606 ng/ul m
RT: 19.394 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

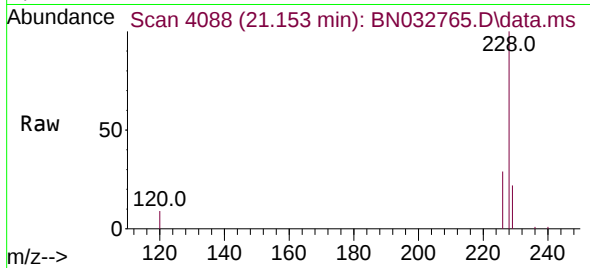
Tgt Ion:202 Resp: 530014
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.4 9.6 14.4





#21
Benzo(a)anthracene
Concen: 6.122 ng/ul m
RT: 21.153 min Scan# 4090
Delta R.T. -0.006 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

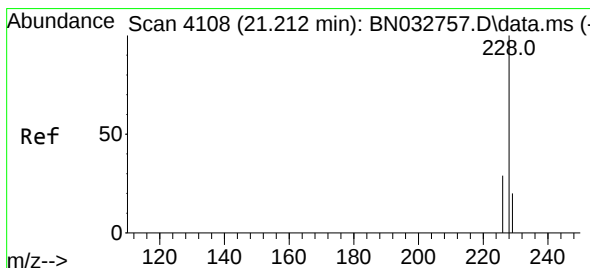
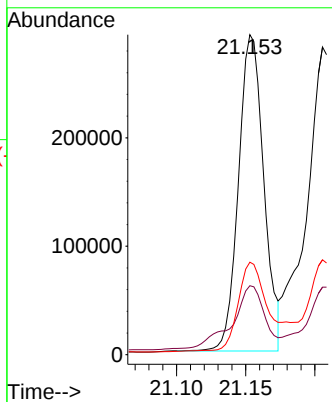
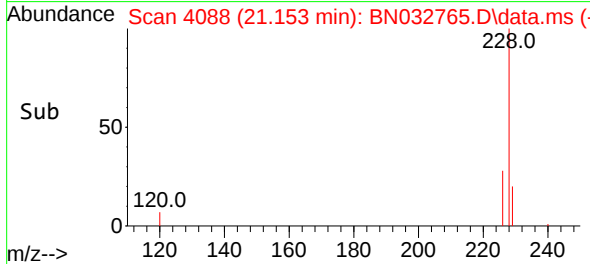
Instrument :
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Tgt Ion:228 Resp: 371560
Ion Ratio Lower Upper
228 100
229 21.6 16.1 24.1
226 28.9 21.9 32.9

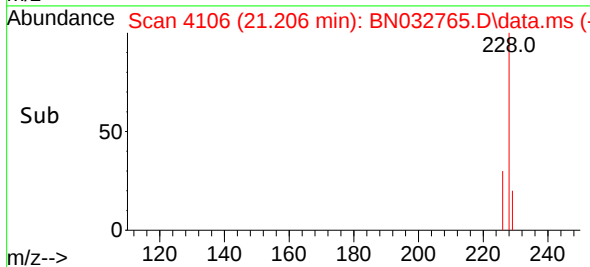
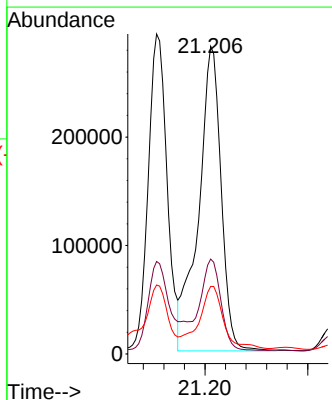
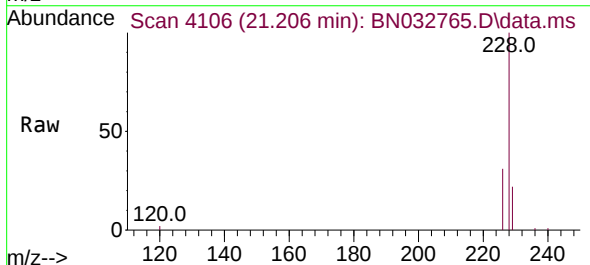
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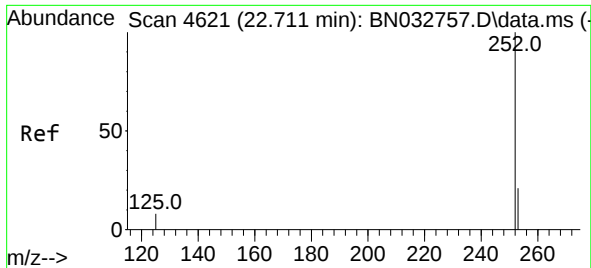
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 4.905 ng/ul m
RT: 21.206 min Scan# 4106
Delta R.T. -0.006 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

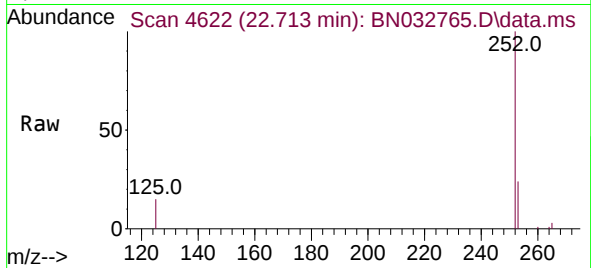
Tgt Ion:228 Resp: 430658
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.687 ng/ul m
RT: 22.713 min Scan# 4621
Delta R.T. 0.003 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

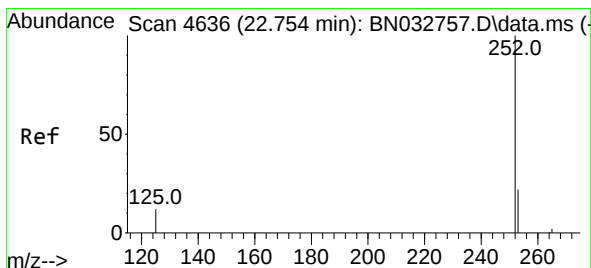
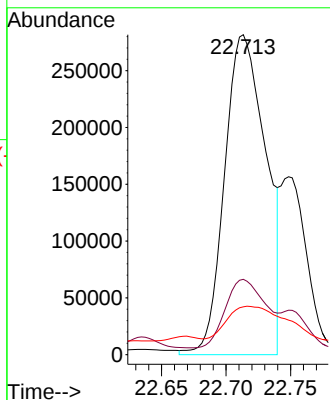
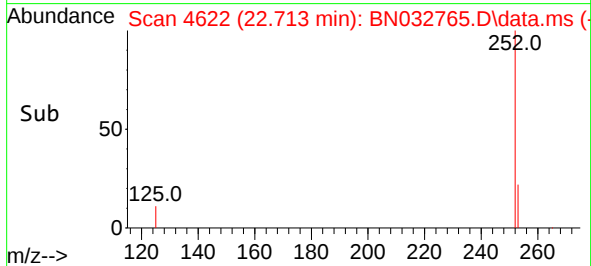
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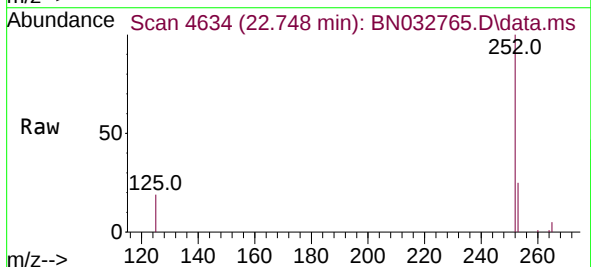
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Ion Ratio Lower Upper
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253 23.6 0.0 54.0
125 15.0 0.0 36.0

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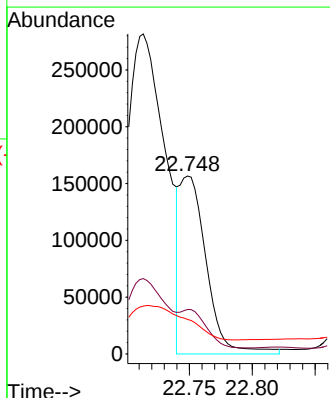
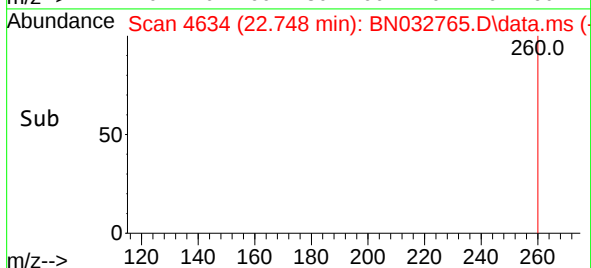
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

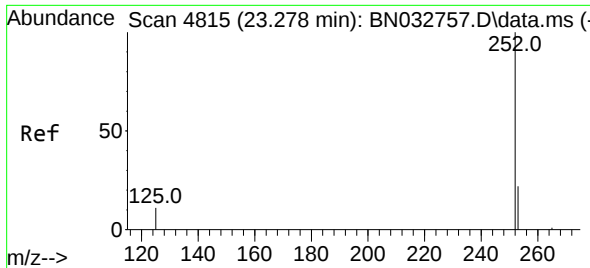


#25
Benzo(k)fluoranthene
Concen: 2.334 ng/ul m
RT: 22.748 min Scan# 4634
Delta R.T. -0.006 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22



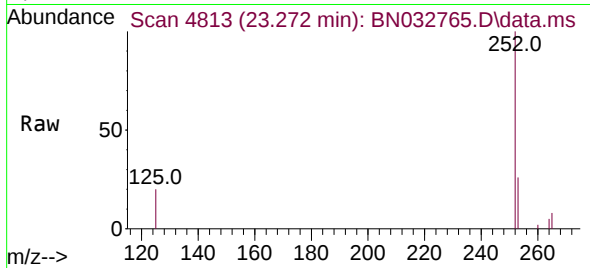
Tgt Ion:252 Resp: 231845
Ion Ratio Lower Upper
252 100
253 25.0 21.2 31.8
125 19.4 14.8 22.2





#26
Benzo(a)pyrene
Concen: 2.967 ng/ul m
RT: 23.272 min Scan# 4815
Delta R.T. -0.006 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

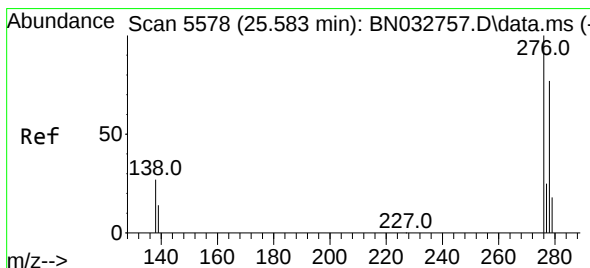
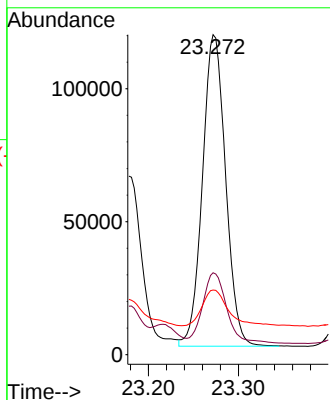
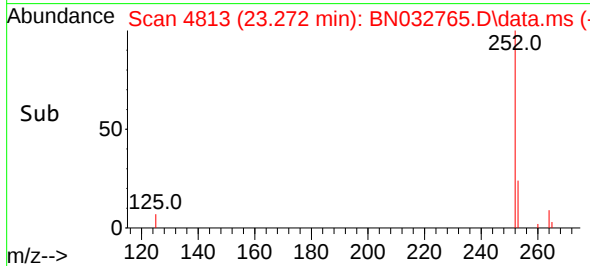
Instrument :
BNA_N
ClientSampleId :
A4BW9



Tgt Ion:252 Resp: 209295
Ion Ratio Lower Upper
252 100
253 25.6 25.4 38.0
125 20.2 20.6 30.8

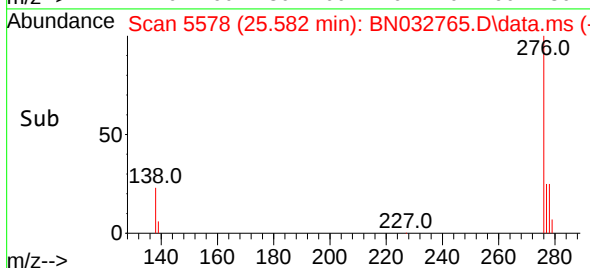
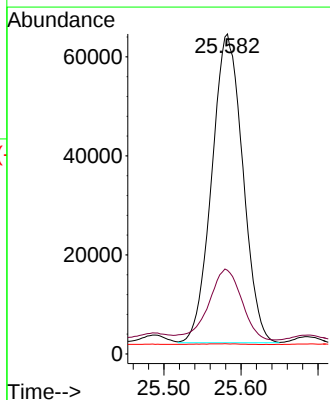
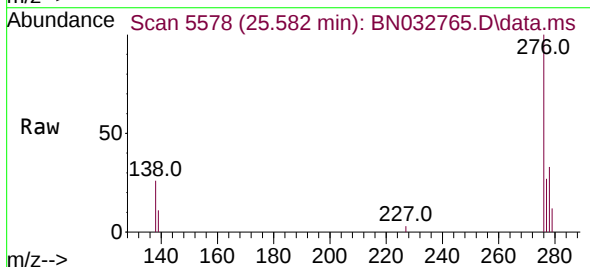
Manual Integrations
APPROVED

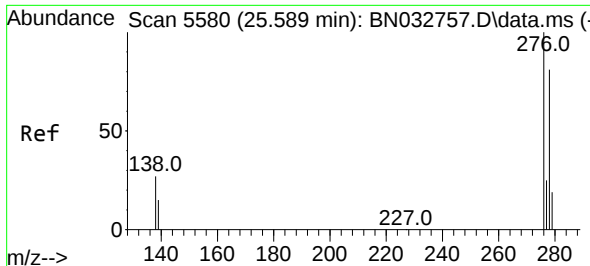
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.821 ng/ul m
RT: 25.582 min Scan# 5578
Delta R.T. -0.000 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

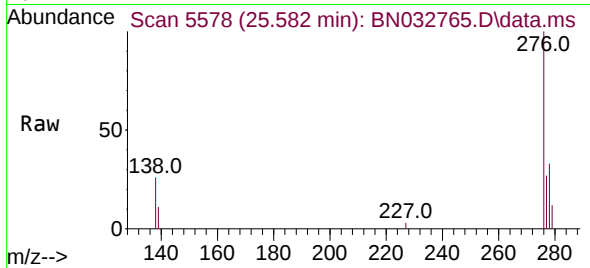
Tgt Ion:276 Resp: 173990
Ion Ratio Lower Upper
276 100
138 2.3 21.6 32.4#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.949 ng/ul m
RT: 25.582 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

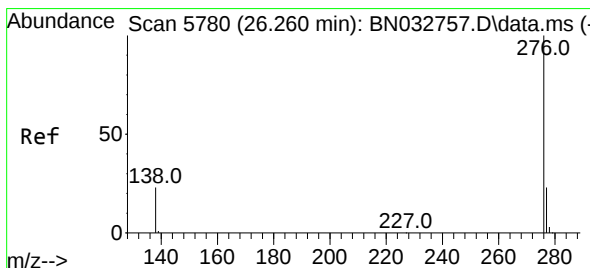
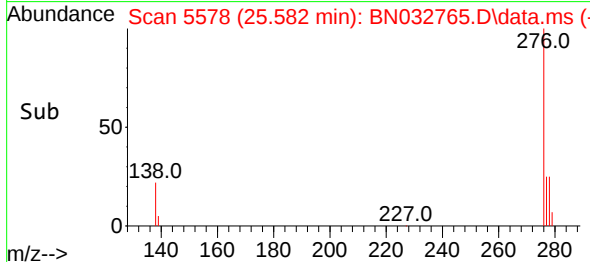
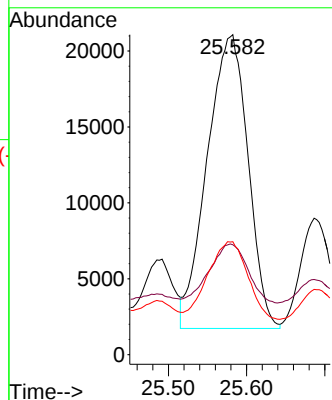
Instrument :
BNA_N
ClientSampleId :
A4BW9



Tgt Ion:278 Resp: 70294
Ion Ratio Lower Upper
278 100
139 34.3 16.6 24.8#
279 35.3 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: 0.328 ng/ul m
RT: 26.267 min Scan# 5782
Delta R.T. 0.007 min
Lab File: BN032765.D
Acq: 17 Jul 2024 06:22

Tgt Ion:276 Resp: 26190
Ion Ratio Lower Upper
276 100
138 47.7 21.0 31.4#
277 42.2 20.6 31.0#

