

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032768.D
 Acq On : 17 Jul 2024 08:11
 Operator : MA/JU
 Sample : P3100-22
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D50

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 08:36:22 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	4900	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	14305	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.193	164	8457	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	15848m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.171	240	16122m	0.400	ng/ul	0.00
23) Perylene-d12	23.371	264	22849m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	29816	5.068	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	5474	0.253	ng/ul	-0.02
18) Fluoranthene-d10	18.994	212	12973m	0.247	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	56749	1.477	ng/ul	97
7) 2-Methylnaphthalene	11.988	142	30261	1.262	ng/ul	96
8) 1-Methylnaphthalene	12.208	142	26578	1.072	ng/ul	99
10) Acenaphthylene	13.915	152	140151	4.102	ng/ul	99
11) Acenaphthene	14.258	153	23917	0.846	ng/ul	100
12) Fluorene	15.252	166	30964	0.959	ng/ul#	98
15) Phenanthrene	16.995	178	693289m	16.063	ng/ul	
16) Anthracene	17.088	178	181168m	5.138	ng/ul	
19) Fluoranthene	19.027	202	1832765m	27.960	ng/ul	
20) Pyrene	19.394	202	1397669m	20.600	ng/ul	
21) Benzo(a)anthracene	21.153	228	818845m	15.956	ng/ul	
22) Chrysene	21.206	228	1069893m	14.412	ng/ul	
24) Benzo(b)fluoranthene	22.716	252	1435039m	17.800	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	506163m	5.152	ng/ul	
26) Benzo(a)pyrene	23.275	252	469786m	6.734	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.592	276	471476m	4.991	ng/ul	
28) Dibenzo(a,h)anthracene	25.589	278	182131m	2.487	ng/ul	
29) Benzo(g,h,i)perylene	26.280	276	68674m	0.870	ng/ul	

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

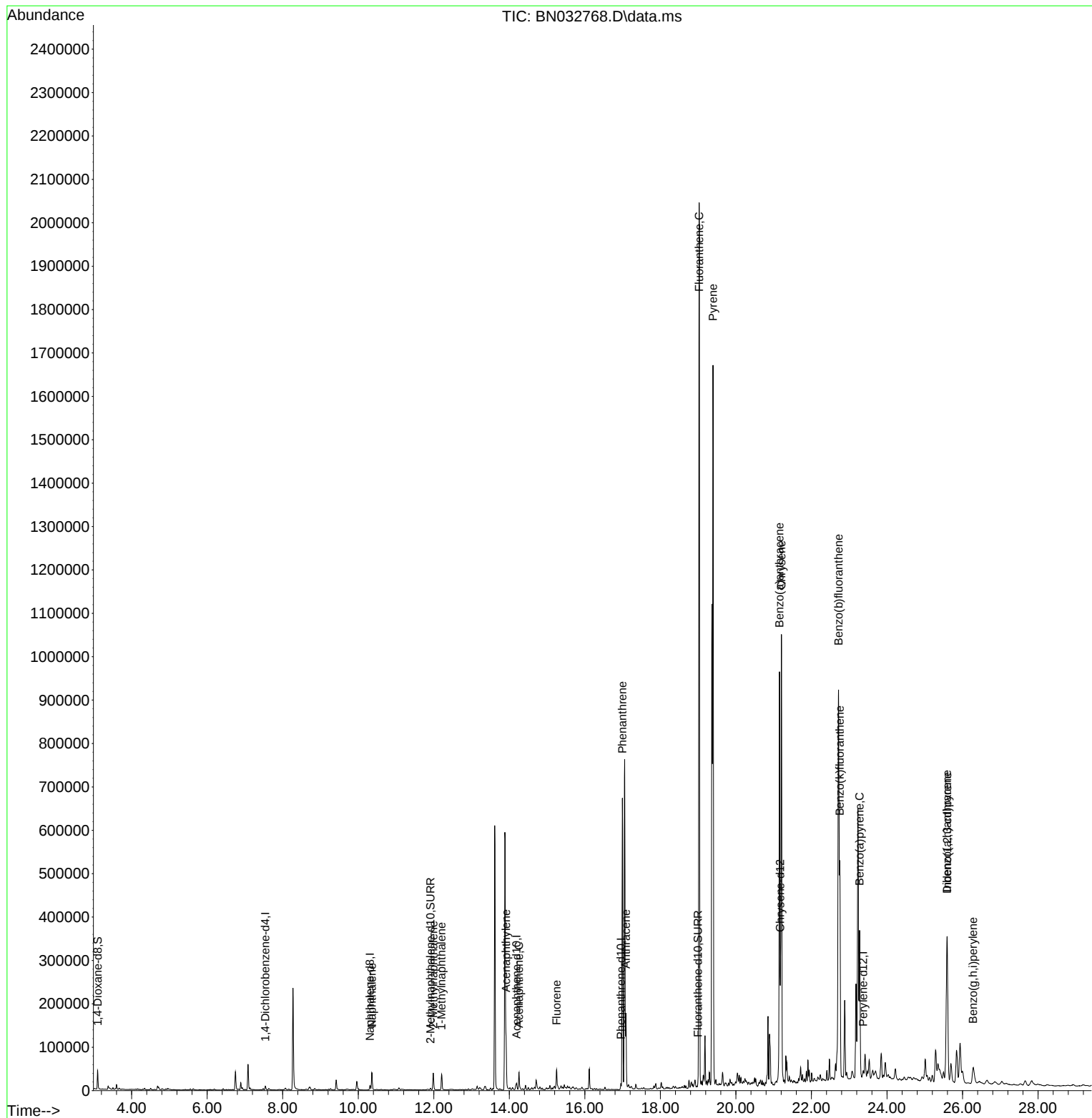
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032768.D
Acq On : 17 Jul 2024 08:11
Operator : MA/JU
Sample : P3100-22
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ALS Vial : 39 Sample Multiplier: 1

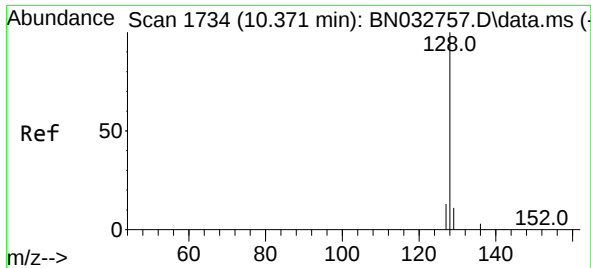
Instrument :
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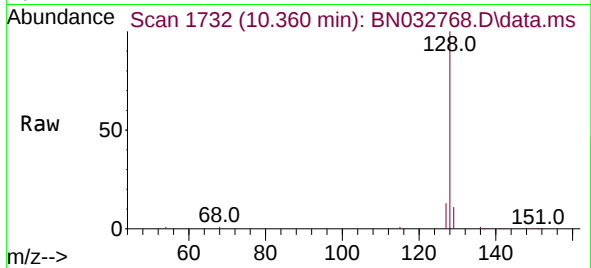
Quant Time: Jul 17 08:36:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.477 ng/ul
RT: 10.360 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

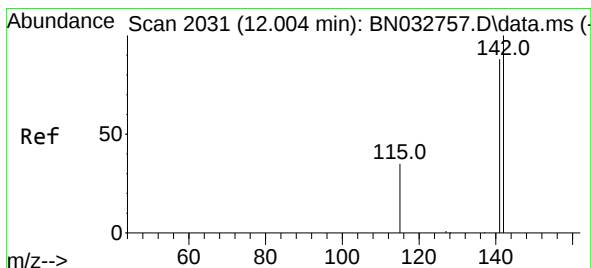
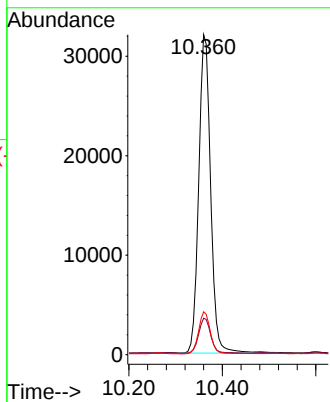
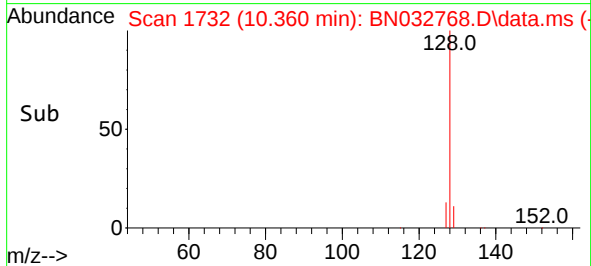
Instrument :
BNA_N
ClientSampleId :
A4D50



Tgt Ion:128 Resp: 56749
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.4 11.6 17.4

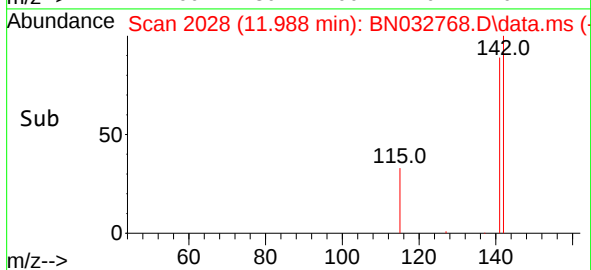
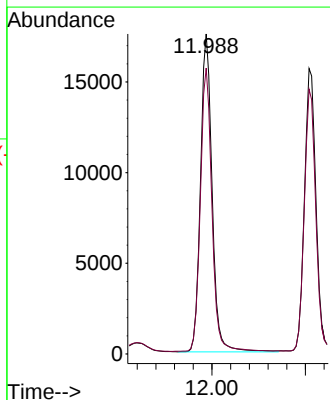
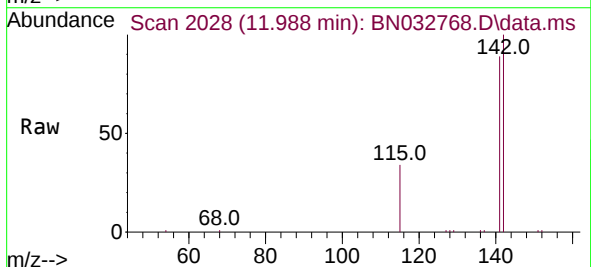
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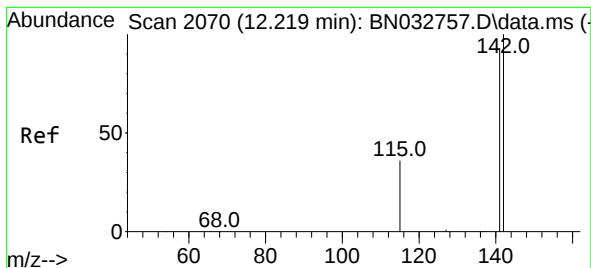
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 1.262 ng/ul
RT: 11.988 min Scan# 2028
Delta R.T. -0.017 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

Tgt Ion:142 Resp: 30261
Ion Ratio Lower Upper
142 100
141 89.1 74.0 111.0





#8

1-Methylnaphthalene

Concen: 1.072 ng/ul

RT: 12.208 min Scan# 2068

Delta R.T. -0.011 min

Lab File: BN032768.D

Acq: 17 Jul 2024 08:11

Instrument :

BNA_N

ClientSampleId :

A4D50

Tgt Ion:142 Resp: 26578

Ion Ratio Lower Upper

142 100

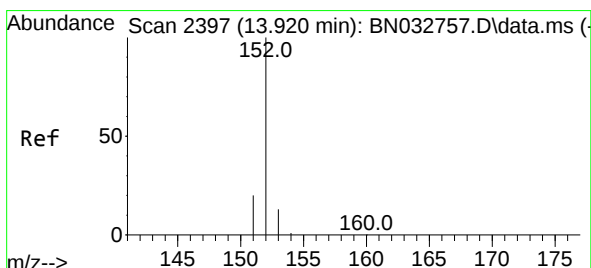
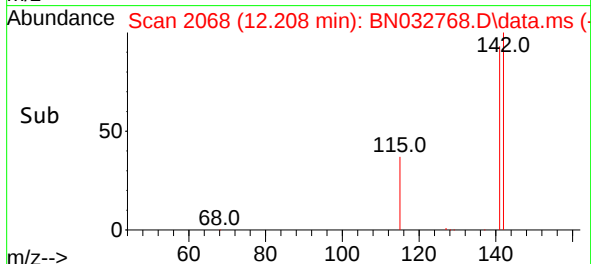
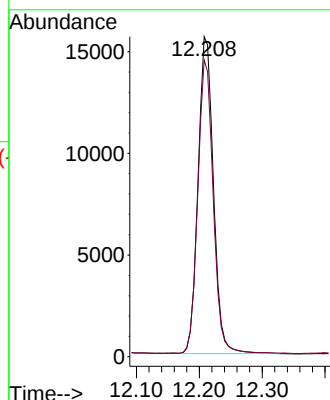
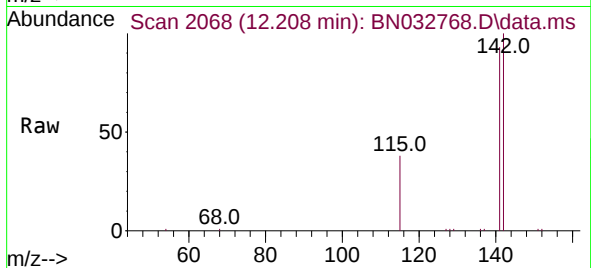
141 92.4 75.0 112.4

Manual Integrations

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Supervised By :mohammad ahmed 07/19/2024



#10

Acenaphthylene

Concen: 4.102 ng/ul

RT: 13.915 min Scan# 2396

Delta R.T. -0.005 min

Lab File: BN032768.D

Acq: 17 Jul 2024 08:11

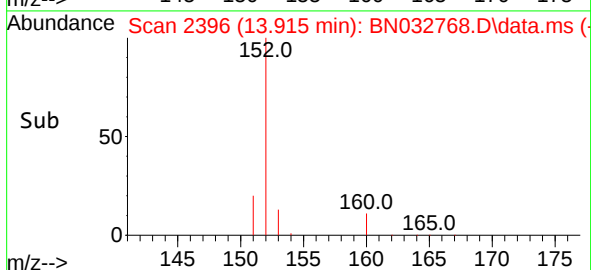
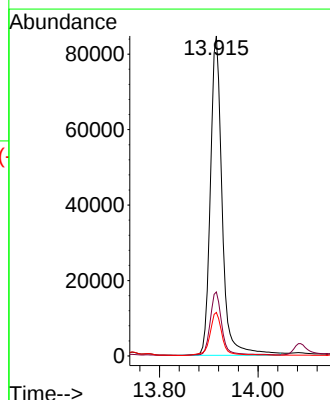
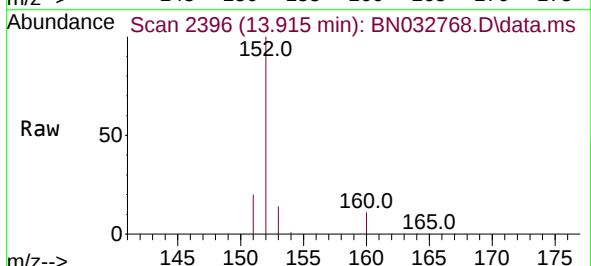
Tgt Ion:152 Resp: 140151

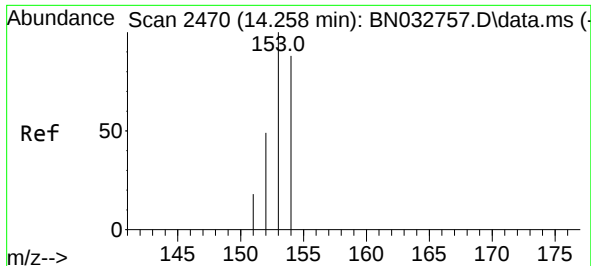
Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

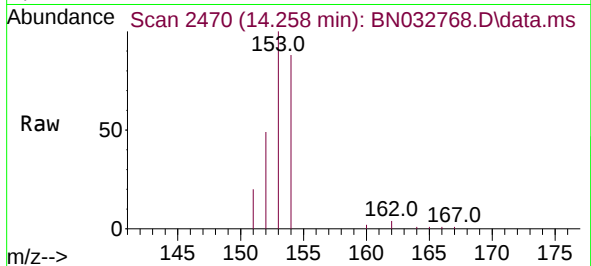
153 13.6 11.3 16.9





#11
Acenaphthene
Concen: 0.846 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

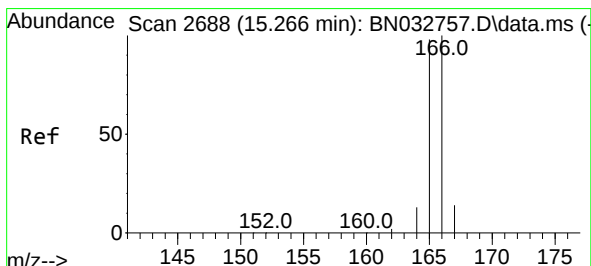
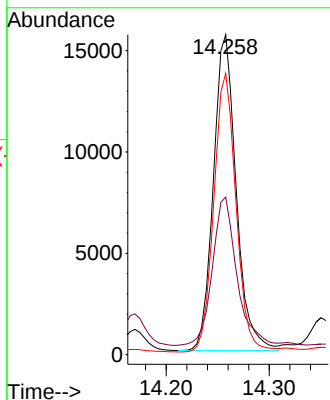
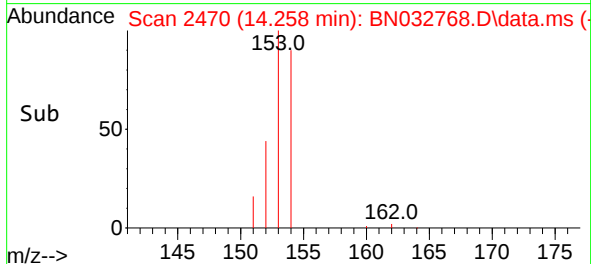
Instrument :
BNA_N
ClientSampleId :
A4D50



Tgt Ion:153 Resp: 23917
Ion Ratio Lower Upper
153 100
152 49.2 40.0 60.0
154 87.9 70.2 105.4

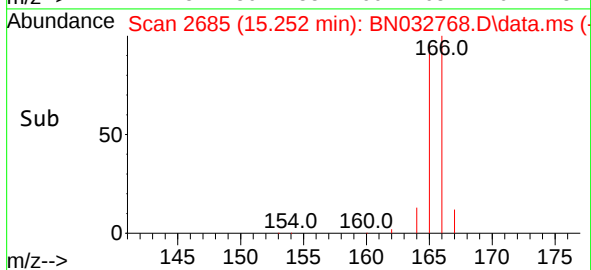
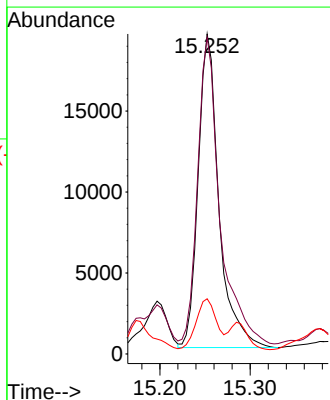
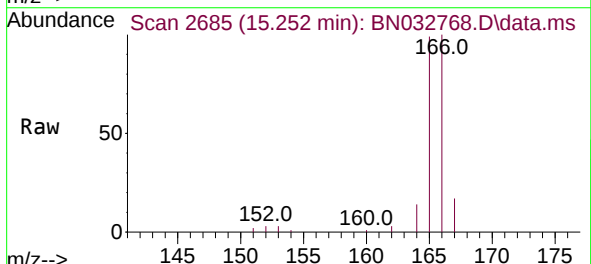
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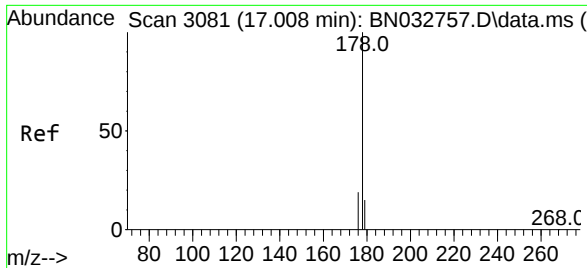
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.959 ng/ul
RT: 15.252 min Scan# 2685
Delta R.T. -0.014 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

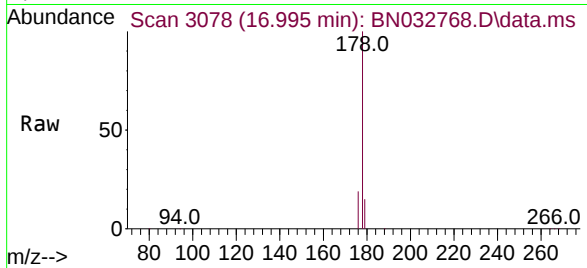
Tgt Ion:166 Resp: 30964
Ion Ratio Lower Upper
166 100
165 98.9 79.7 119.5
167 17.2 11.4 17.2#





#15
Phenanthrene
Concen: 16.063 ng/ul m
RT: 16.995 min Scan# 3081
Delta R.T. -0.013 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

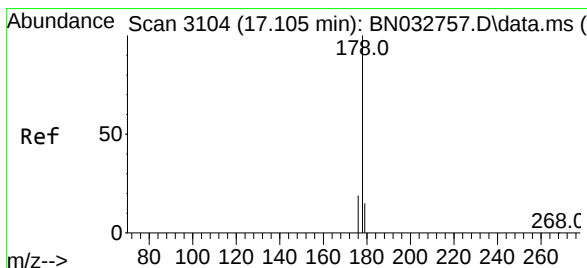
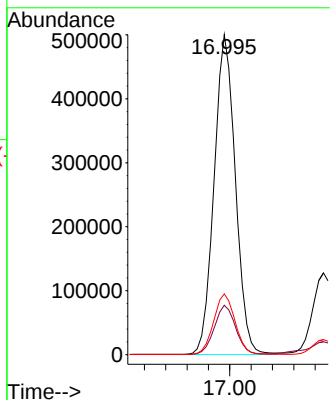
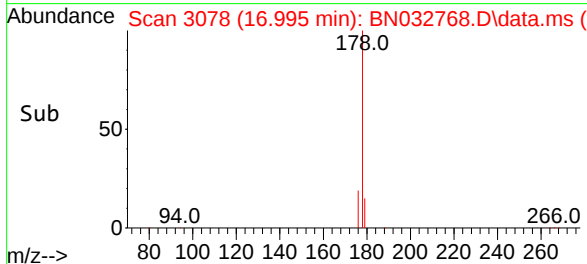
Instrument :
BNA_N
ClientSampleId :
A4D50



Tgt Ion:178 Resp: 693289
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.0 15.6 23.4

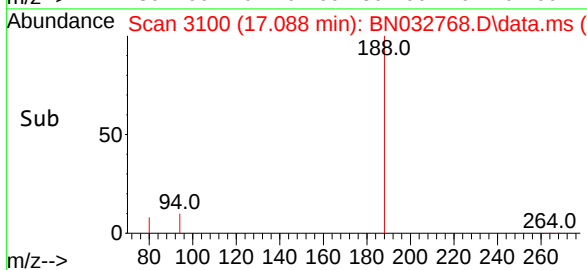
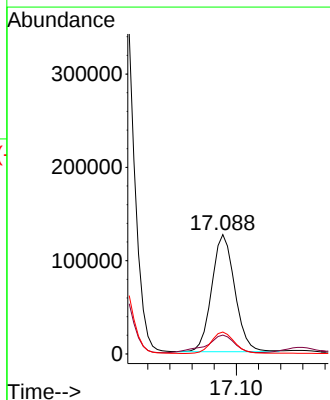
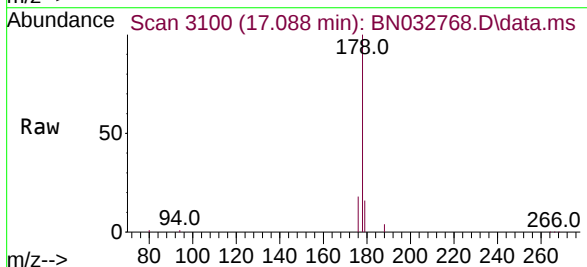
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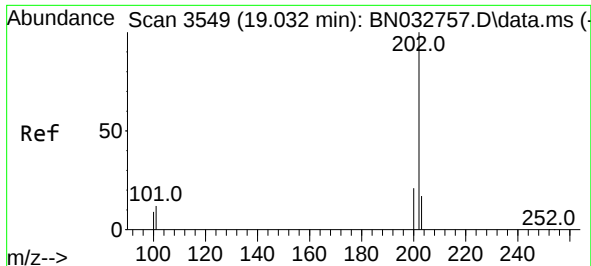
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#16
Anthracene
Concen: 5.138 ng/ul m
RT: 17.088 min Scan# 3100
Delta R.T. -0.017 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

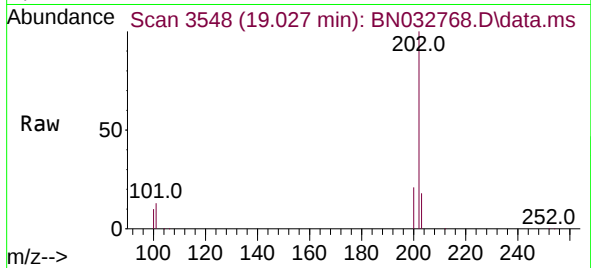
Tgt Ion:178 Resp: 181168
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.2
176 18.4 15.4 23.0





#19
Fluoranthene
Concen: 27.960 ng/ul m
RT: 19.027 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

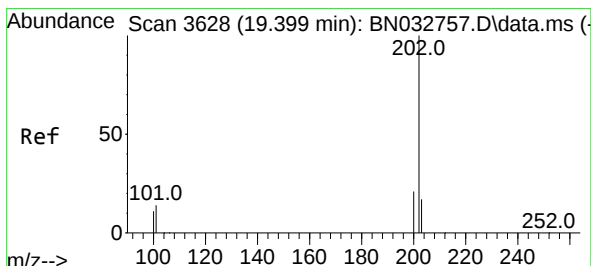
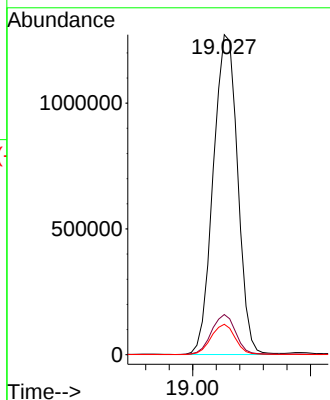
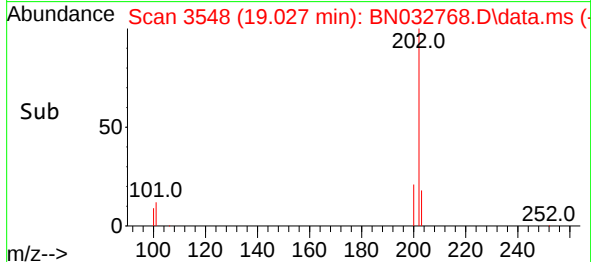
Instrument :
BNA_N
ClientSampleId :
A4D50



Tgt Ion:202 Resp: 1832769
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.8
100 9.5 7.9 11.9

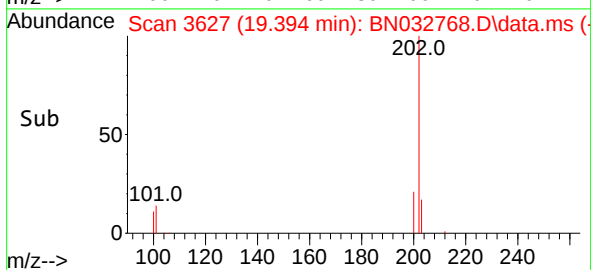
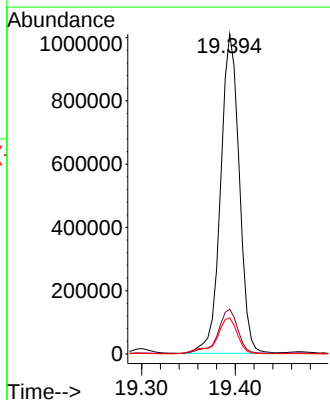
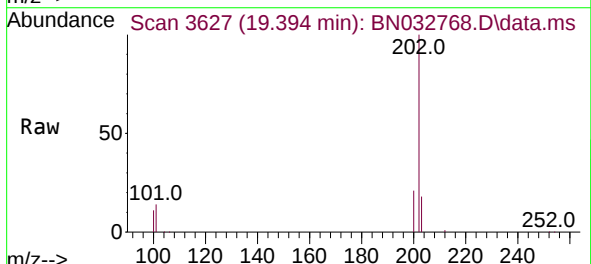
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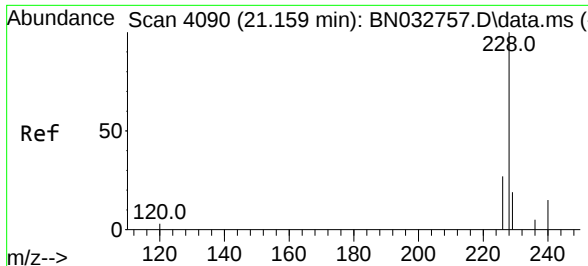
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 20.600 ng/ul m
RT: 19.394 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

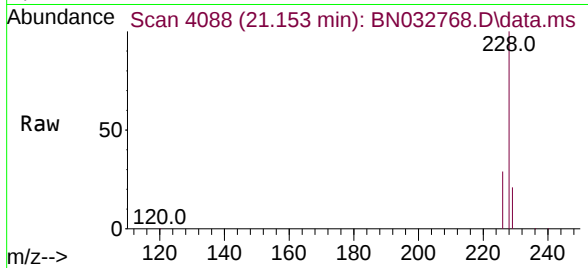
Tgt Ion:202 Resp: 1397669
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.3 9.6 14.4





#21
Benzo(a)anthracene
Concen: 15.956 ng/ul m
RT: 21.153 min Scan# 4090
Delta R.T. -0.006 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

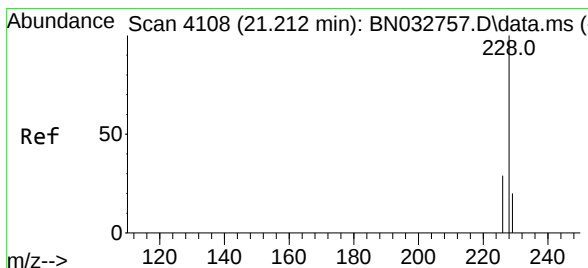
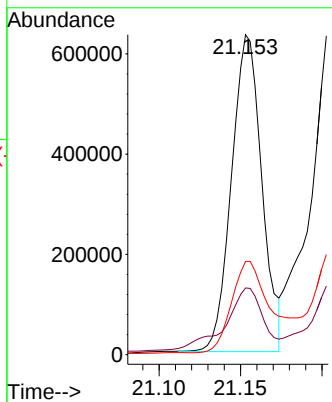
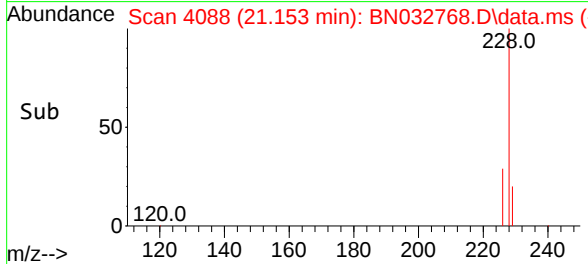
Instrument :
BNA_N
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A4D50



Tgt Ion:228 Resp: 81884
Ion Ratio Lower Upper
228 100
229 20.8 16.1 24.1
226 29.2 21.9 32.9

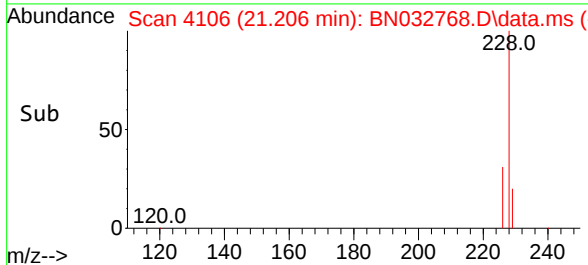
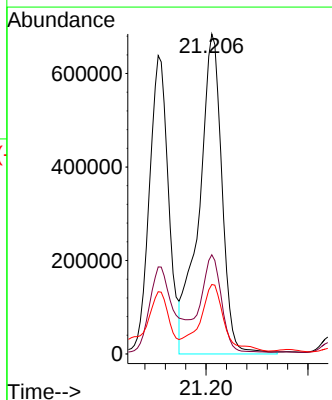
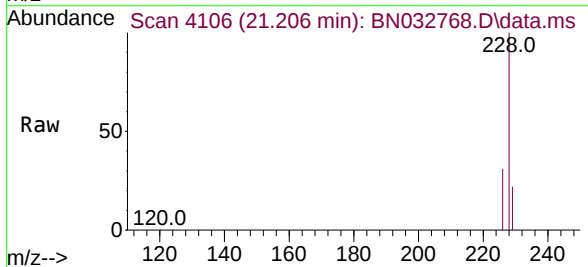
Manual Integrations
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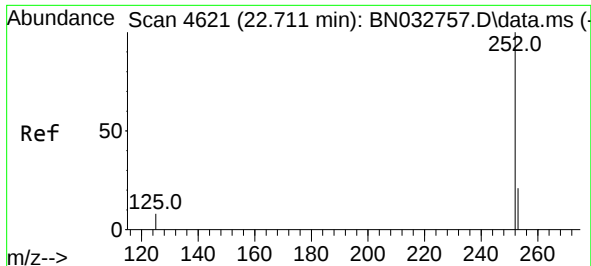
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 14.412 ng/ul m
RT: 21.206 min Scan# 4106
Delta R.T. -0.006 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

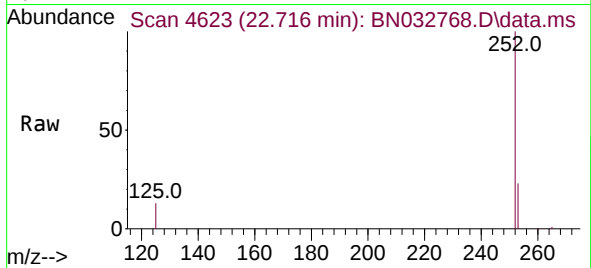
Tgt Ion:228 Resp: 1069893
Ion Ratio Lower Upper
228 100
226 31.0 24.0 36.0
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 17.800 ng/ul m
RT: 22.716 min Scan# 4623
Delta R.T. 0.006 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

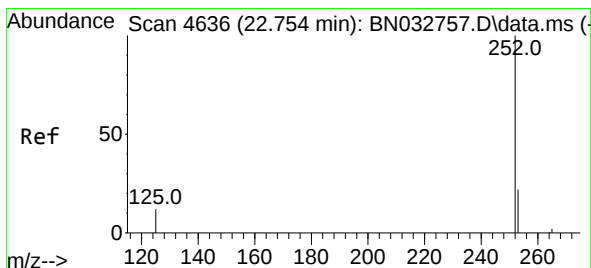
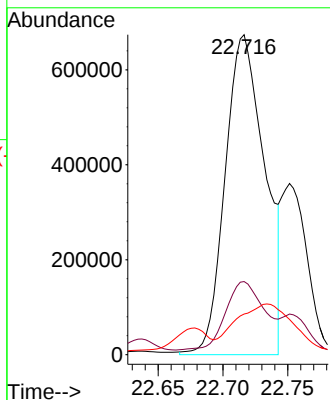
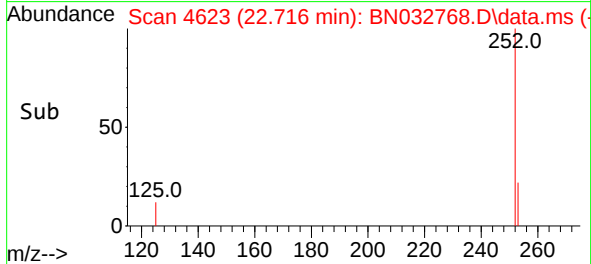
Instrument :
BNA_N
ClientSampleId :
A4D50



Tgt Ion:252 Resp: 1435039
Ion Ratio Lower Upper
252 100
253 22.9 0.0 54.0
125 12.7 0.0 36.0

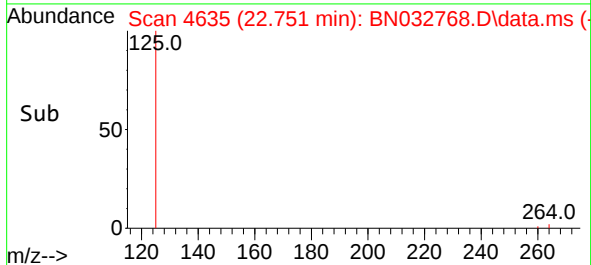
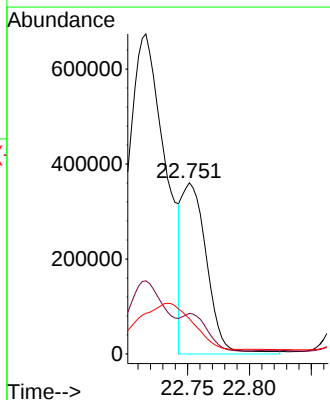
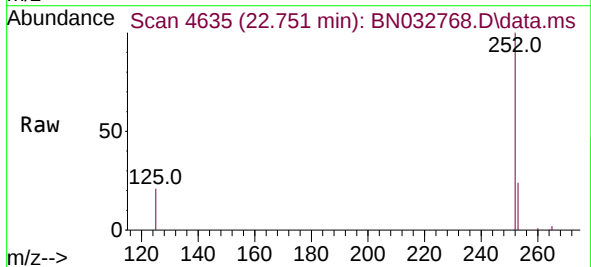
Manual Integrations
APPROVED

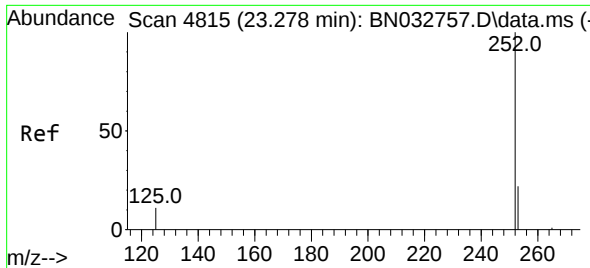
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 5.152 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.003 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

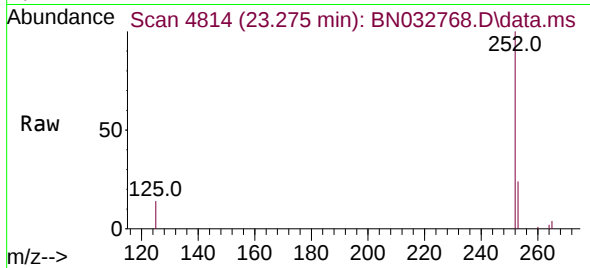
Tgt Ion:252 Resp: 506163
Ion Ratio Lower Upper
252 100
253 23.8 21.2 31.8
125 20.5 14.8 22.2





#26
Benzo(a)pyrene
Concen: 6.734 ng/ul m
RT: 23.275 min Scan# 4815
Delta R.T. -0.003 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

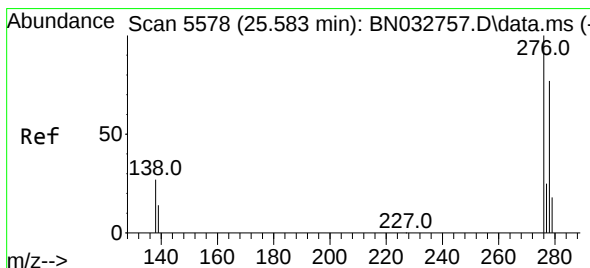
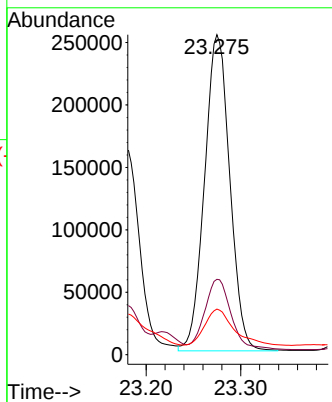
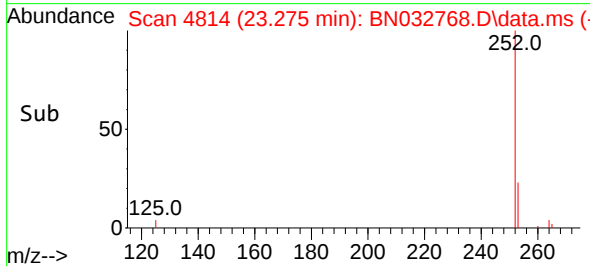
Instrument :
BNA_N
ClientSampleId :
A4D50



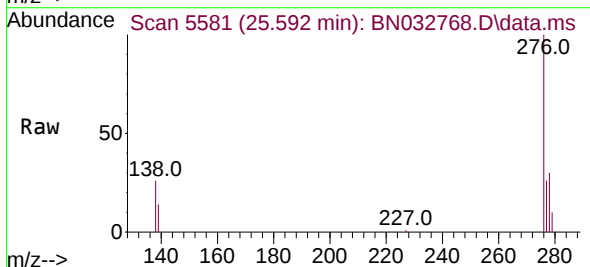
Tgt Ion:252 Resp: 469780
Ion Ratio Lower Upper
252 100
253 23.6 25.4 38.0
125 14.2 20.6 30.8

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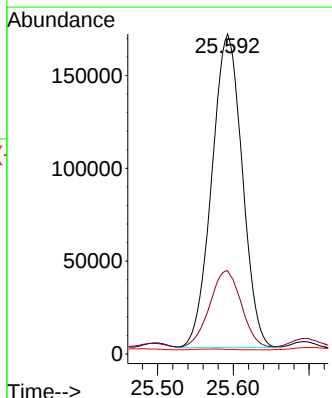
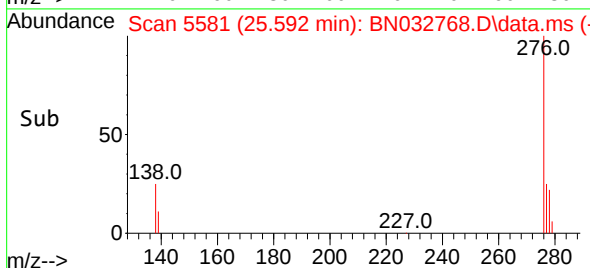
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

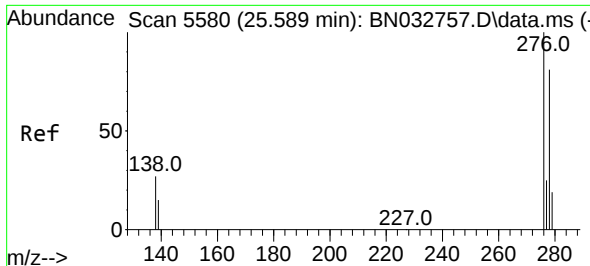


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.991 ng/ul m
RT: 25.592 min Scan# 5581
Delta R.T. 0.010 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11



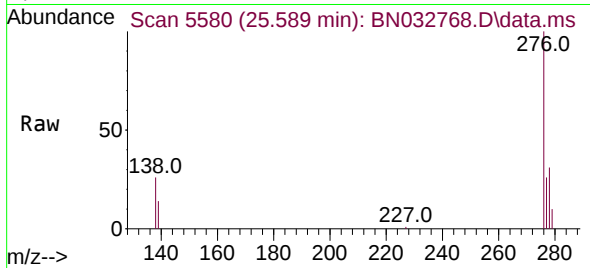
Tgt Ion:276 Resp: 471476
Ion Ratio Lower Upper
276 100
138 3.6 21.6 32.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 2.487 ng/ul m
RT: 25.589 min Scan# 5580
Delta R.T. -0.000 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

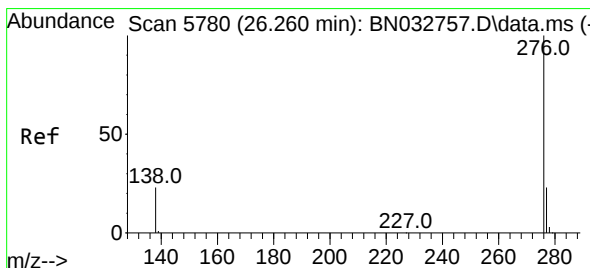
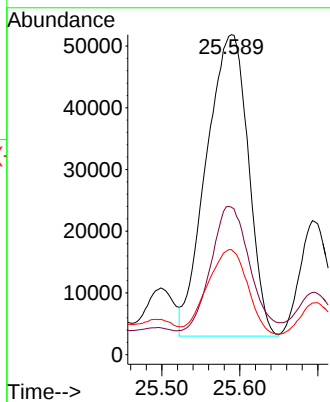
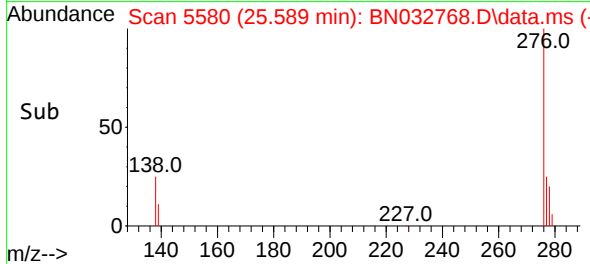
Instrument :
BNA_N
ClientSampleId :
A4D50



Tgt Ion:278 Resp: 18213
Ion Ratio Lower Upper
278 100
139 46.1 16.6 24.8
279 32.9 23.7 35.5

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



#29
Benzo(g,h,i)perylene
Concen: 0.870 ng/ul m
RT: 26.280 min Scan# 5786
Delta R.T. 0.020 min
Lab File: BN032768.D
Acq: 17 Jul 2024 08:11

Tgt Ion:276 Resp: 68674
Ion Ratio Lower Upper
276 100
138 37.1 21.0 31.4#
277 32.7 20.6 31.0#

