

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032676.D
 Acq On : 12 Jul 2024 17:23
 Operator : MA/JU
 Sample : P3087-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 18:33:41 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5251	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	15492	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	7965	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	14751m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.168	240	12245m	0.400	ng/ul	-0.03
23) Perylene-d12	23.366	264	13964m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	24529	3.890	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	5717	0.244	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	10435m	0.261	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.371	128	8513	0.205	ng/ul	99
7) 2-Methylnaphthalene	12.004	142	2729	0.105	ng/ul	95
8) 1-Methylnaphthalene	12.224	142	2117	0.079	ng/ul	99
10) Acenaphthylene	13.920	152	17575	0.546	ng/ul	100
11) Acenaphthene	14.262	153	12540	0.471	ng/ul	100
12) Fluorene	15.262	166	15801	0.519	ng/ul	98
14) Pentachlorophenol	16.636	266	279m	0.108	ng/ul	
15) Phenanthrene	16.999	178	402259m	10.013	ng/ul	
16) Anthracene	17.092	178	72560m	2.211	ng/ul	
19) Fluoranthene	19.027	202	949416m	19.070	ng/ul	
20) Pyrene	19.394	202	646620m	12.548	ng/ul	
21) Benzo(a)anthracene	21.153	228	408674m	10.485	ng/ul	
22) Chrysene	21.206	228	475306m	8.430	ng/ul	
24) Benzo(b)fluoranthene	22.708	252	634374m	12.875	ng/ul	
25) Benzo(k)fluoranthene	22.746	252	250461m	4.171	ng/ul	
26) Benzo(a)pyrene	23.266	252	229857m	5.391	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.569	276	227724m	3.944	ng/ul	
28) Dibenzo(a,h)anthracene	25.569	278	80160m	1.791	ng/ul	
29) Benzo(g,h,i)perylene	26.250	276	34689m	0.719	ng/ul	

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

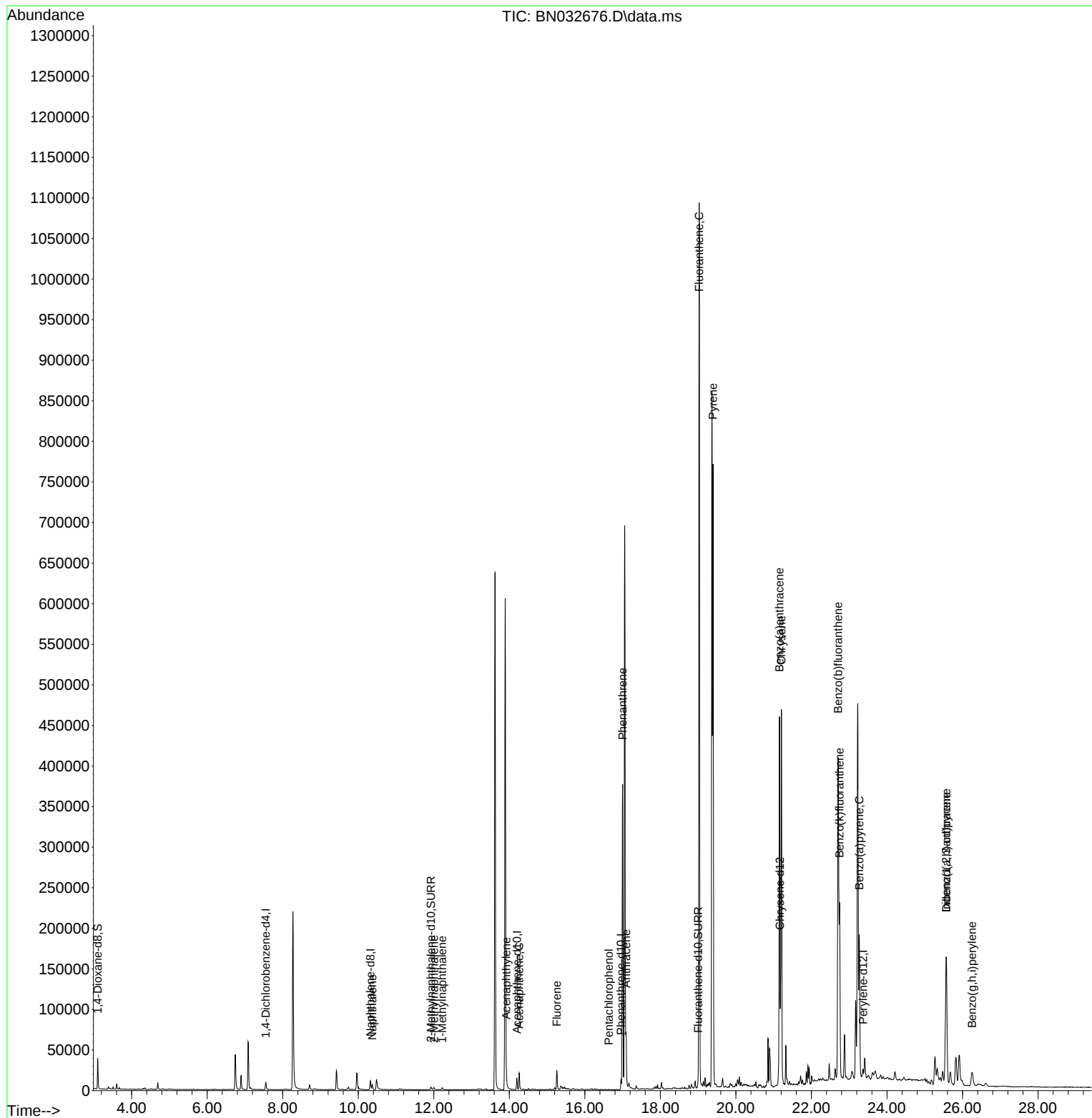
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

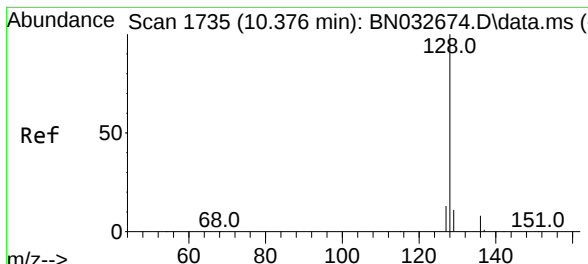
Instrument :
BNA_N
ClientSampleId :
A4CB1

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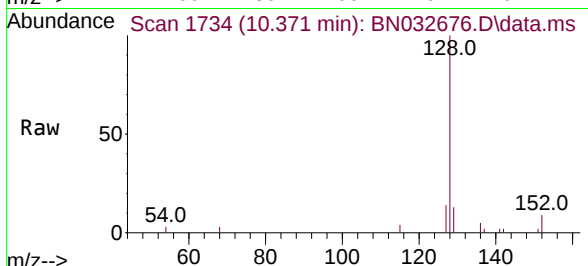
Quant Time: Jul 12 18:33:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
 Naphthalene
 Concen: 0.205 ng/ul
 RT: 10.371 min Scan# 11
 Delta R.T. -0.038 min
 Lab File: BN032676.D
 Acq: 12 Jul 2024 17:23

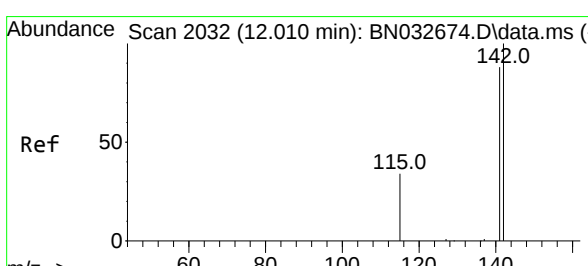
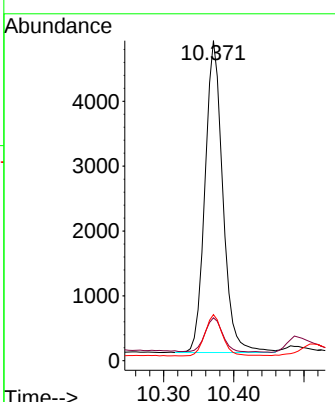
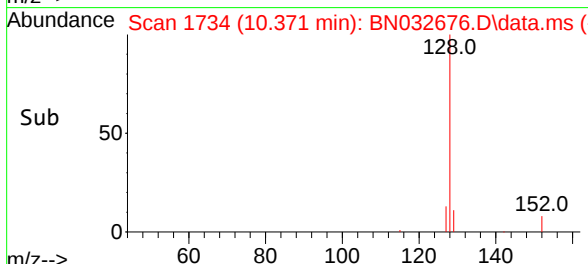
Instrument : BNA_N
 ClientSampleId : A4CB1



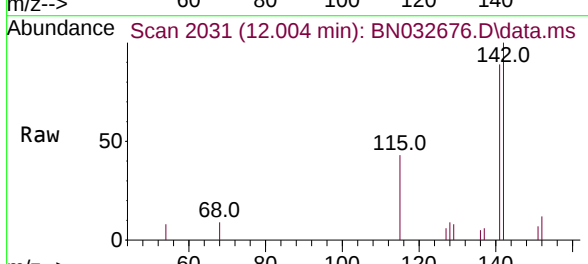
Tgt Ion:128 Resp: 851

Ion	Ratio	Lower	Upper
128	100		
129	13.4	10.0	15.0
127	14.4	11.6	17.4

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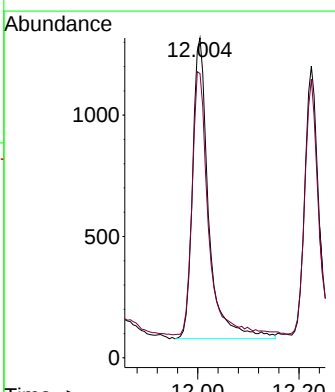
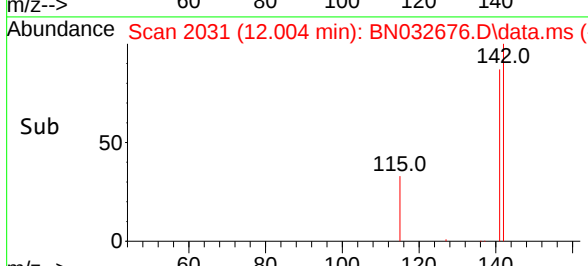


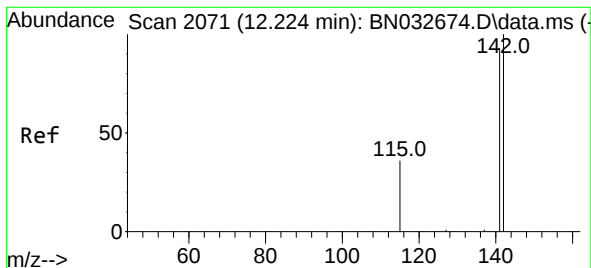
#7
 2-Methylnaphthalene
 Concen: 0.105 ng/ul
 RT: 12.004 min Scan# 2031
 Delta R.T. -0.044 min
 Lab File: BN032676.D
 Acq: 12 Jul 2024 17:23



Tgt Ion:142 Resp: 2729

Ion	Ratio	Lower	Upper
142	100		
141	88.1	74.0	111.0





#8

1-Methylnaphthalene

Concen: 0.079 ng/ul

RT: 12.224 min Scan# 2071

Delta R.T. -0.022 min

Lab File: BN032676.D

Acq: 12 Jul 2024 17:23

Instrument :

BNA_N

ClientSampleId :

A4CB1

Tgt Ion:142 Resp: 211

Ion Ratio Lower Upper

142 100

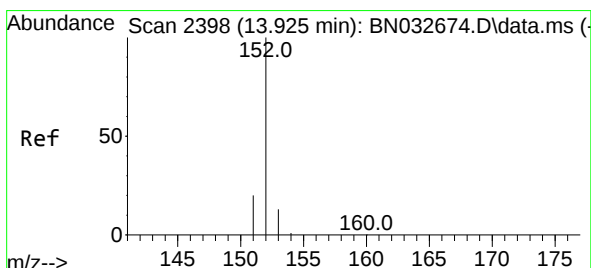
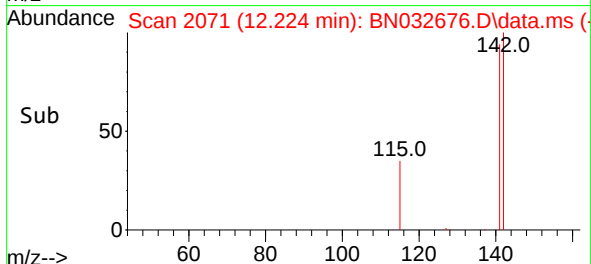
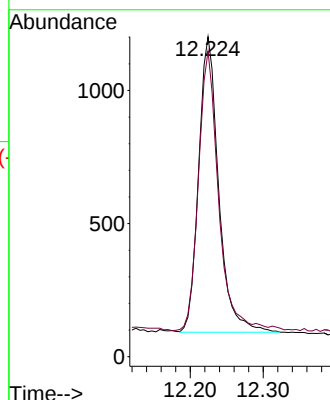
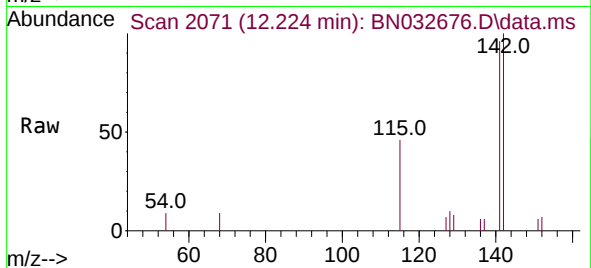
141 94.9 75.0 112.4

Manual Integrations

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Supervised By :mohammad ahmed 07/16/2024



#10

Acenaphthylene

Concen: 0.546 ng/ul

RT: 13.920 min Scan# 2397

Delta R.T. -0.023 min

Lab File: BN032676.D

Acq: 12 Jul 2024 17:23

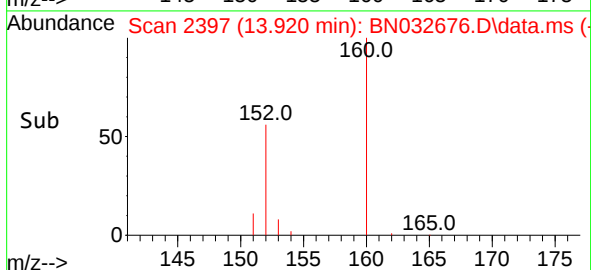
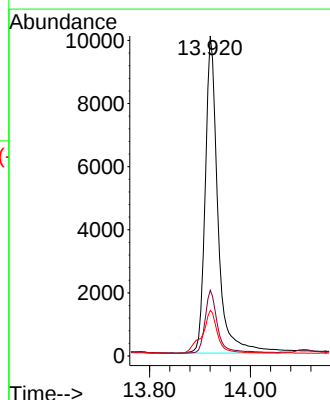
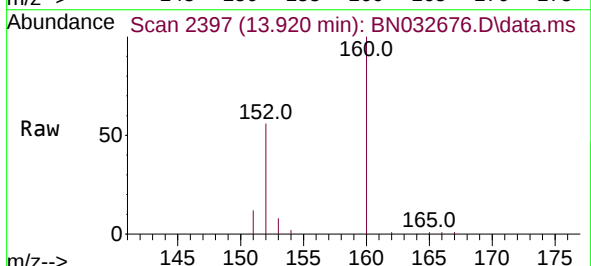
Tgt Ion:152 Resp: 17575

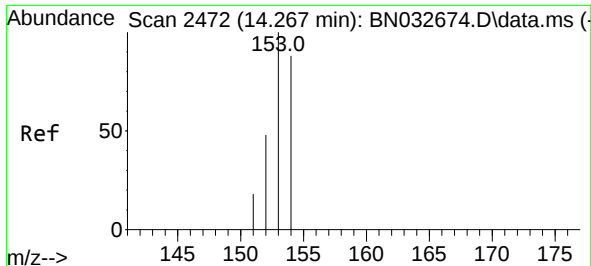
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

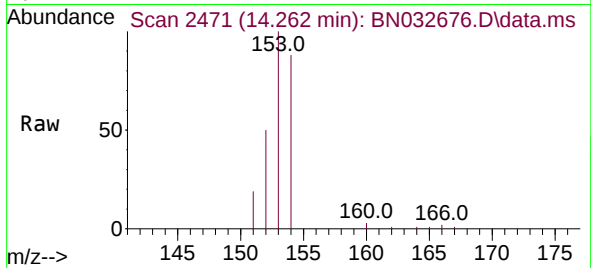
153 14.2 11.3 16.9





#11
Acenaphthene
Concen: 0.471 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.018 min
Lab File: BN032676.D
Acq: 12 Jul 2024 17:23

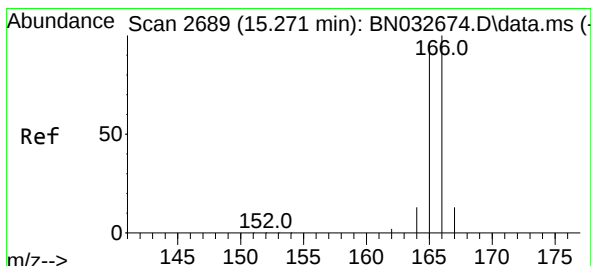
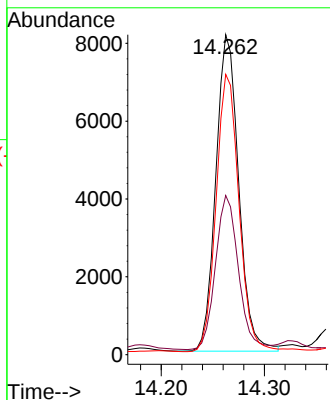
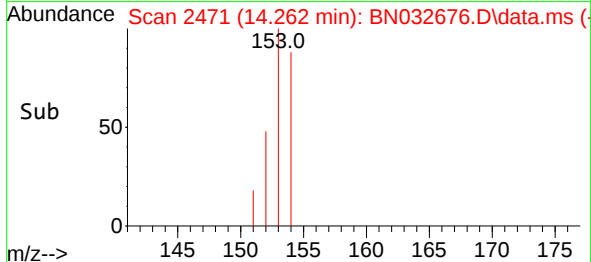
Instrument :
BNA_N
ClientSampleId :
A4CB1



Tgt Ion:153 Resp: 12540
Ion Ratio Lower Upper
153 100
152 49.7 40.0 60.0
154 87.6 70.2 105.4

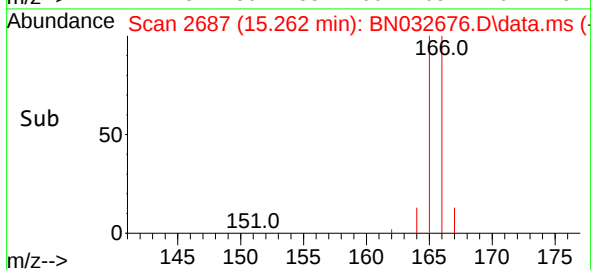
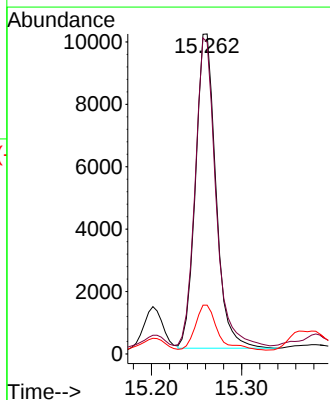
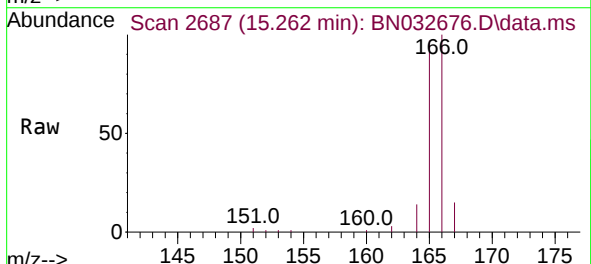
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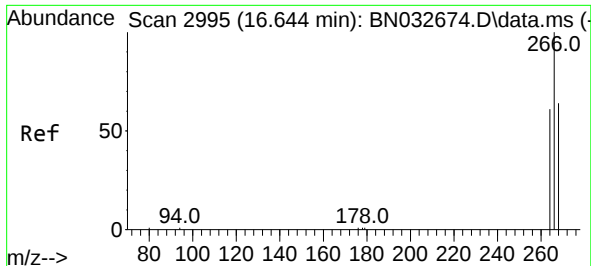
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.519 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032676.D
Acq: 12 Jul 2024 17:23

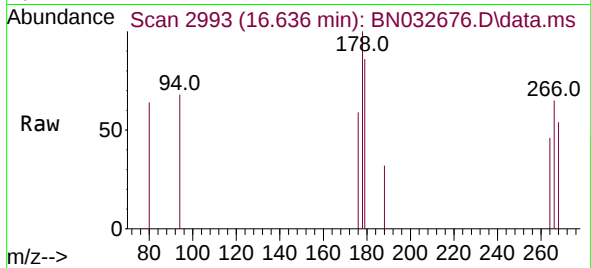
Tgt Ion:166 Resp: 15801
Ion Ratio Lower Upper
166 100
165 97.4 79.7 119.5
167 15.3 11.4 17.2





#14
Pentachlorophenol
Concen: 0.108 ng/ul m
RT: 16.636 min Scan# 2993
Delta R.T. -0.034 min
Lab File: BN032676.D
Acq: 12 Jul 2024 17:23

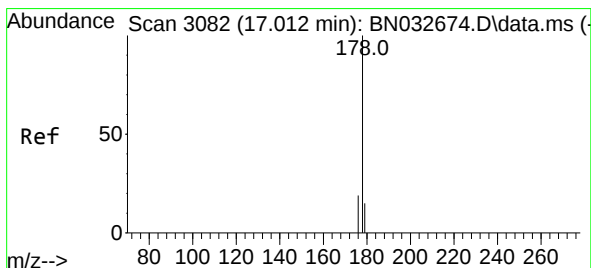
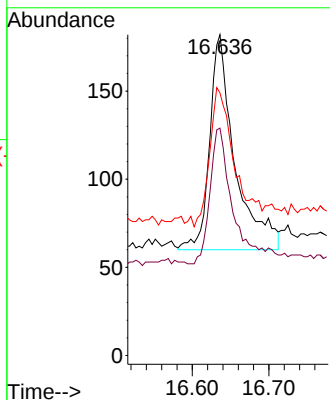
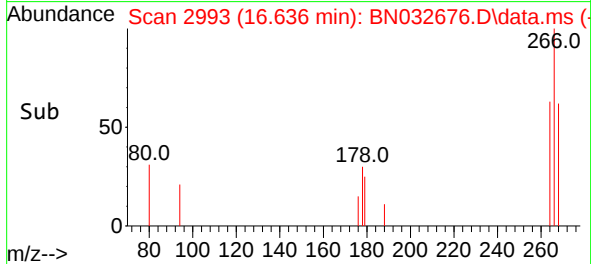
Instrument :
BNA_N
ClientSampleId :
A4CB1



Tgt Ion:266 Resp: 279
Ion Ratio Lower Upper
266 100
264 0.0 49.4 74.2
268 1.1 51.6 77.4

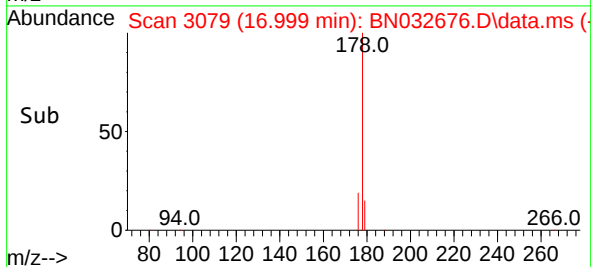
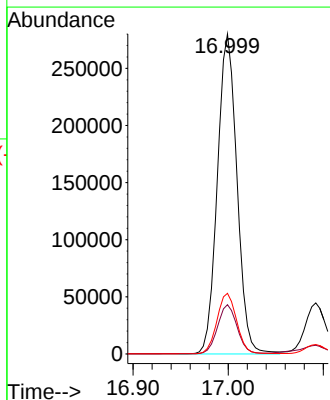
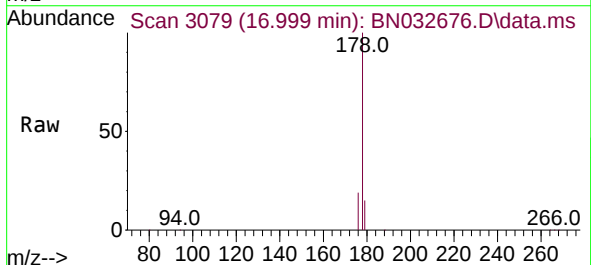
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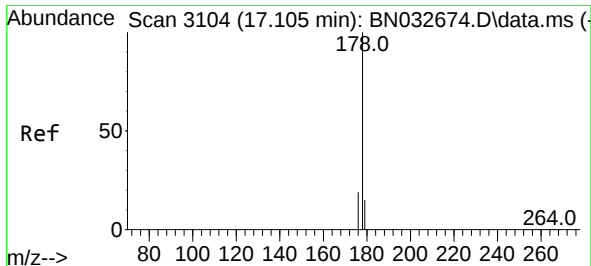
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 10.013 ng/ul m
RT: 16.999 min Scan# 3079
Delta R.T. -0.029 min
Lab File: BN032676.D
Acq: 12 Jul 2024 17:23

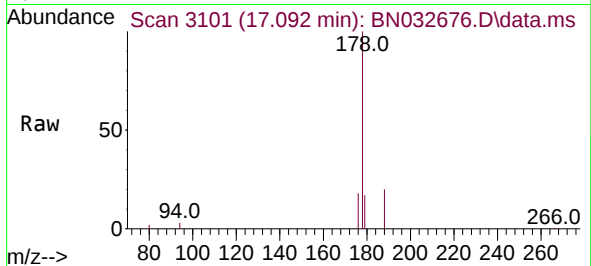
Tgt Ion:178 Resp: 402259
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.0 15.6 23.4





#16
 Anthracene
 Concen: 2.211 ng/ul m
 RT: 17.092 min Scan# 3101
 Delta R.T. -0.046 min
 Lab File: BN032676.D
 Acq: 12 Jul 2024 17:23

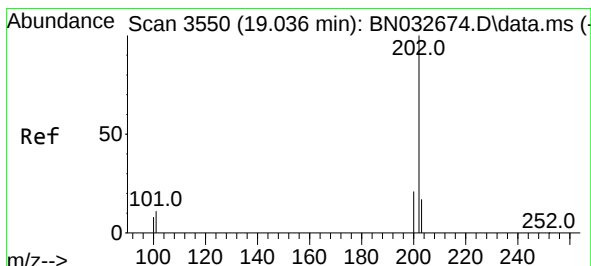
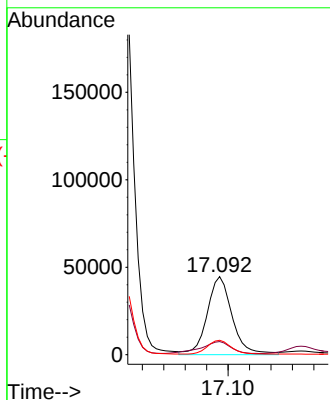
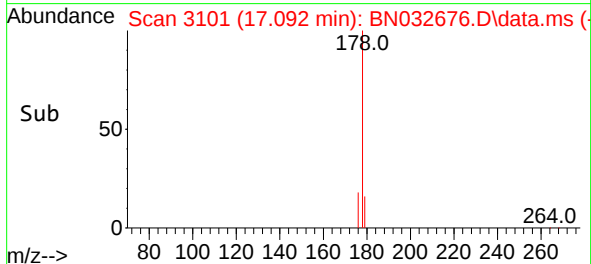
Instrument :
 BNA_N
 ClientSampleId :
 A4CB1



Tgt Ion:178 Resp: 72560
 Ion Ratio Lower Upper
 178 100
 179 16.8 13.4 20.2
 176 18.5 15.4 23.0

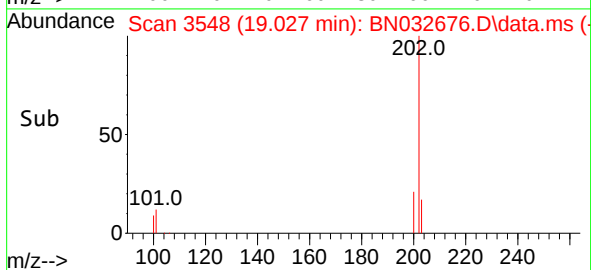
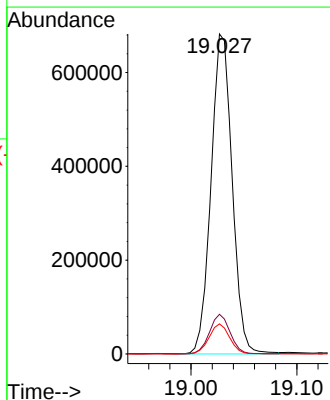
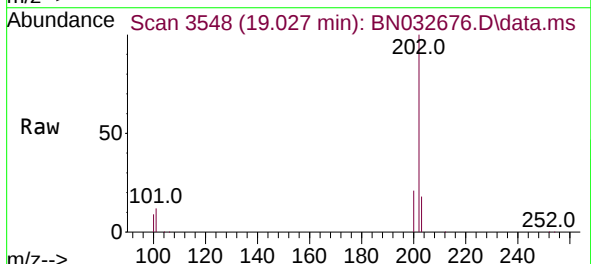
Manual Integrations
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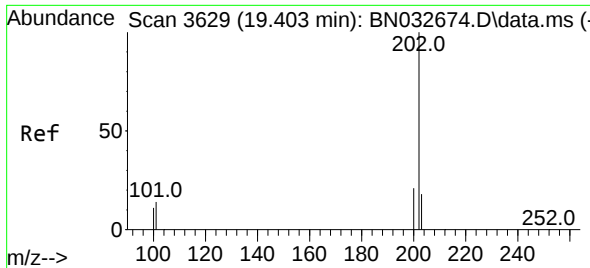
Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 19.070 ng/ul m
 RT: 19.027 min Scan# 3548
 Delta R.T. -0.028 min
 Lab File: BN032676.D
 Acq: 12 Jul 2024 17:23

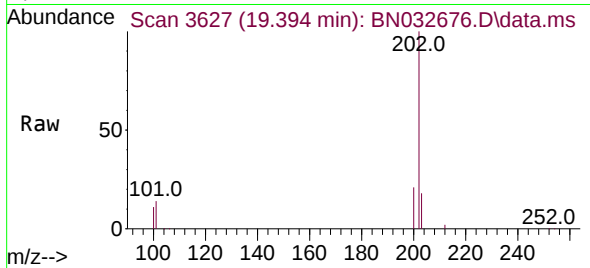
Tgt Ion:202 Resp: 949416
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.8 14.8
 100 9.4 7.9 11.9





#20
Pyrene
Concen: 12.548 ng/ul m
RT: 19.394 min Scan# 30
Delta R.T. -0.028 min
Lab File: BN032676.D
Acq: 12 Jul 2024 17:23

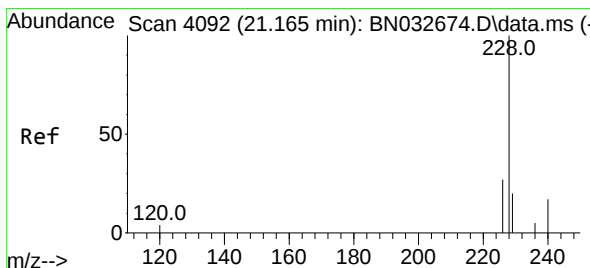
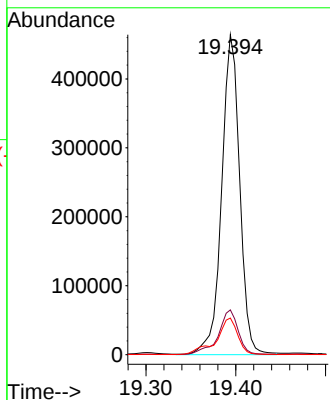
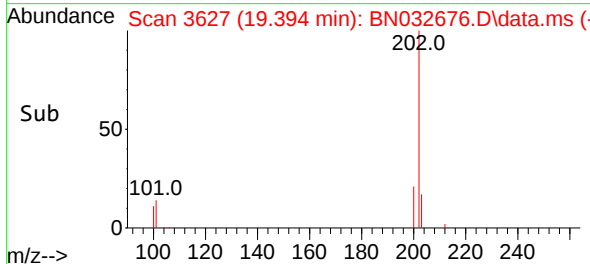
Instrument :
BNA_N
ClientSampleId :
A4CB1



Tgt Ion:202 Resp: 646620
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.4 9.6 14.4

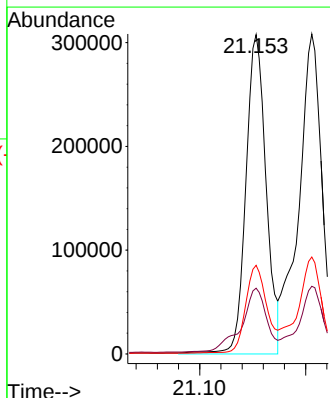
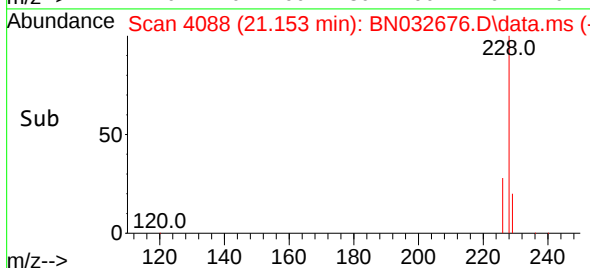
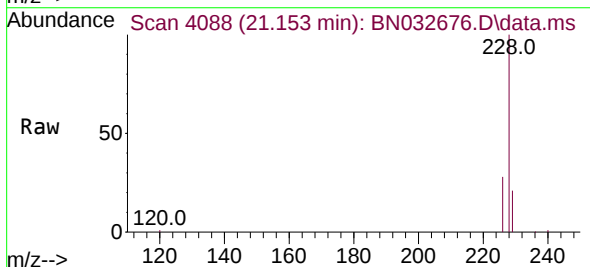
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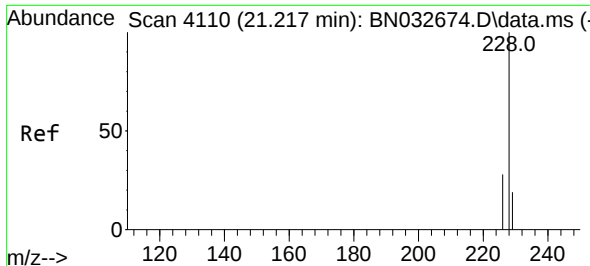
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 10.485 ng/ul m
RT: 21.153 min Scan# 4088
Delta R.T. -0.029 min
Lab File: BN032676.D
Acq: 12 Jul 2024 17:23

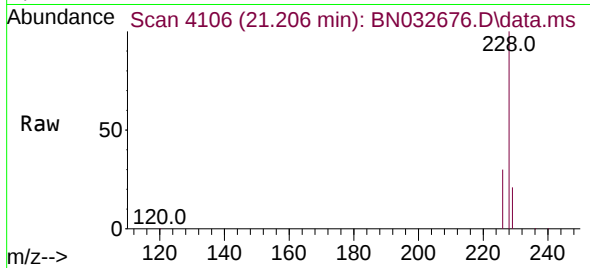
Tgt Ion:228 Resp: 408674
Ion Ratio Lower Upper
228 100
229 20.6 16.1 24.1
226 27.8 21.9 32.9





#22
Chrysene
Concen: 8.430 ng/ul m
RT: 21.206 min Scan# 4110
Delta R.T. -0.026 min
Lab File: BN032676.D
Acq: 12 Jul 2024 17:23

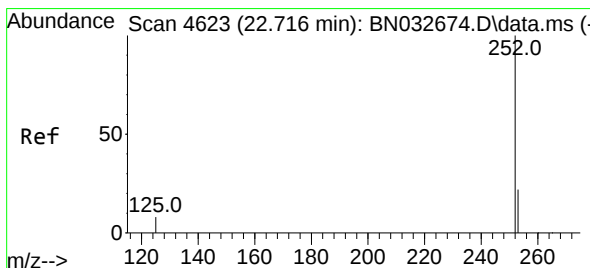
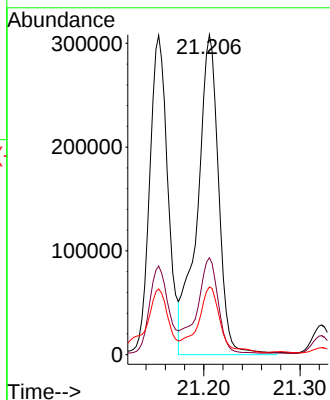
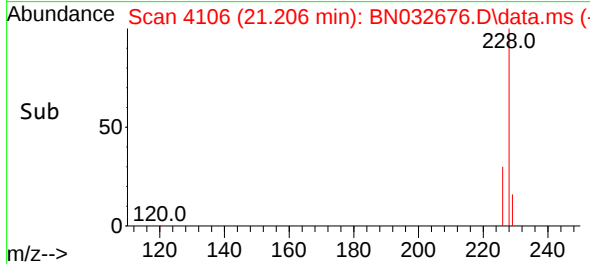
Instrument :
BNA_N
ClientSampleId :
A4CB1



Tgt Ion:228 Resp: 475300
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 21.2 15.8 23.6

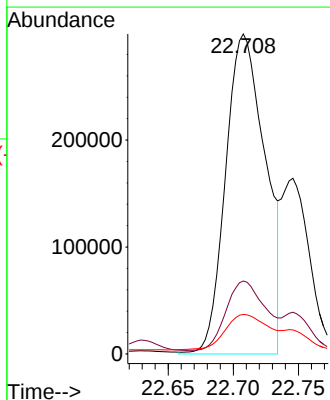
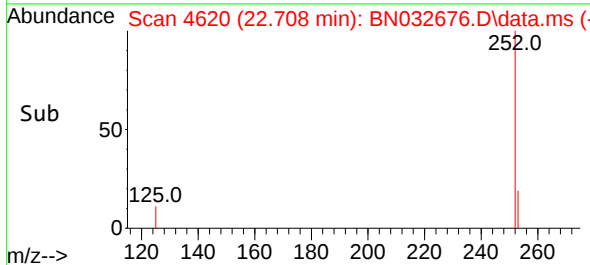
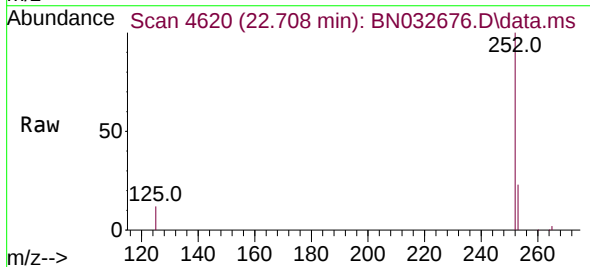
Manual Integrations
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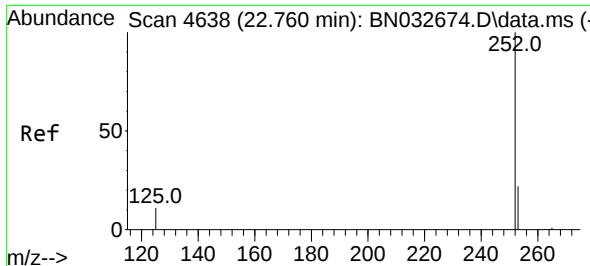
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#24
Benzo(b)fluoranthene
Concen: 12.875 ng/ul m
RT: 22.708 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032676.D
Acq: 12 Jul 2024 17:23

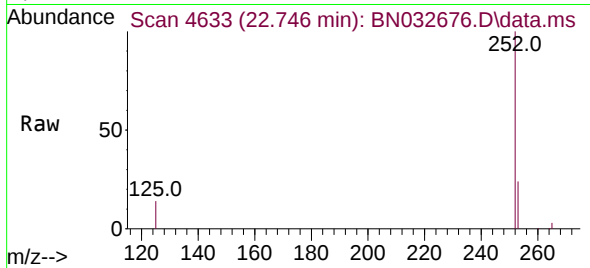
Tgt Ion:252 Resp: 634374
Ion Ratio Lower Upper
252 100
253 22.8 0.0 54.0
125 12.4 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 4.171 ng/ul m
RT: 22.746 min Scan# 4633
Delta R.T. -0.032 min
Lab File: BN032676.D
Acq: 12 Jul 2024 17:23

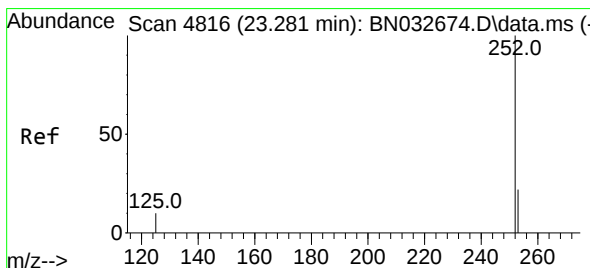
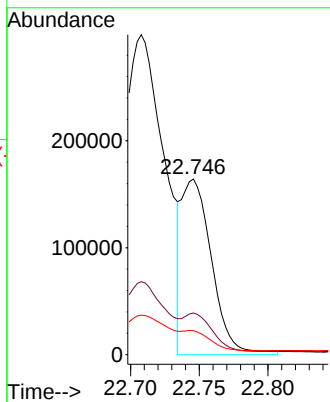
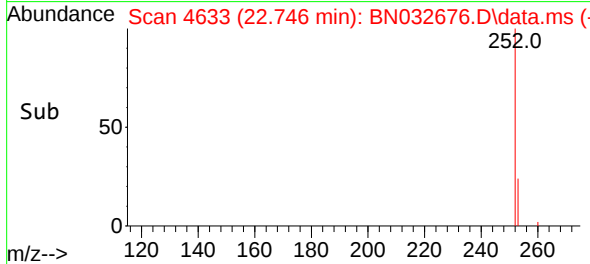
Instrument :
BNA_N
ClientSampleId :
A4CB1



Tgt Ion:252 Resp: 250463
Ion Ratio Lower Upper
252 100
253 23.8 21.2 31.8
125 13.7 14.8 22.2

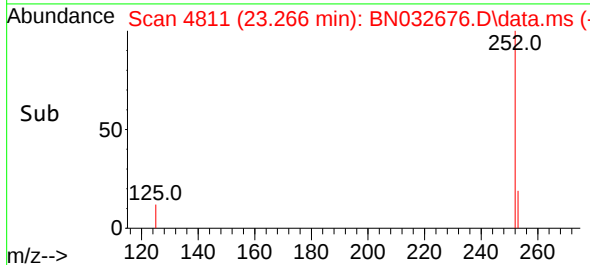
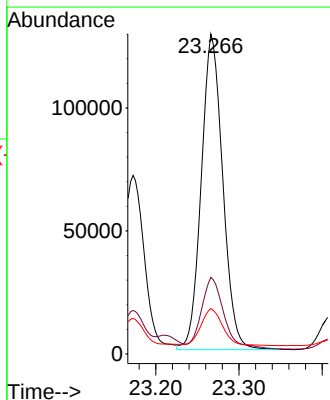
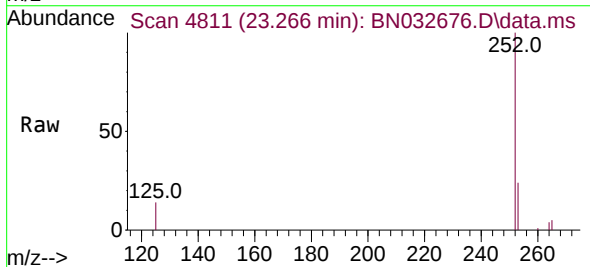
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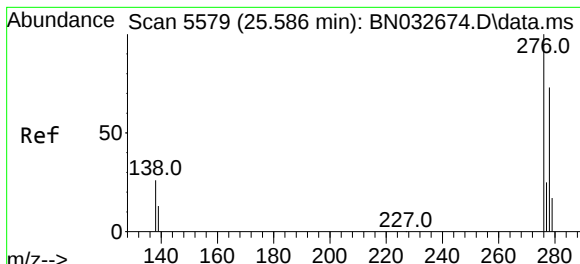
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#26
Benzo(a)pyrene
Concen: 5.391 ng/ul m
RT: 23.266 min Scan# 4811
Delta R.T. -0.044 min
Lab File: BN032676.D
Acq: 12 Jul 2024 17:23

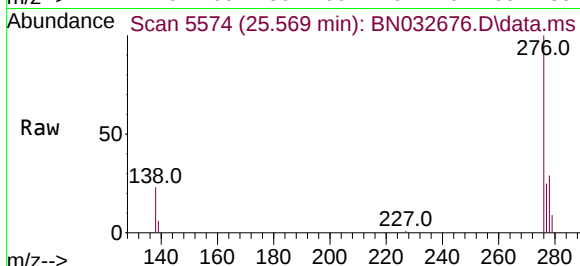
Tgt Ion:252 Resp: 229857
Ion Ratio Lower Upper
252 100
253 23.9 25.4 38.0#
125 14.2 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.944 ng/ul m
 RT: 25.569 min Scan# 5574
 Delta R.T. -0.057 min
 Lab File: BN032676.D
 Acq: 12 Jul 2024 17:23

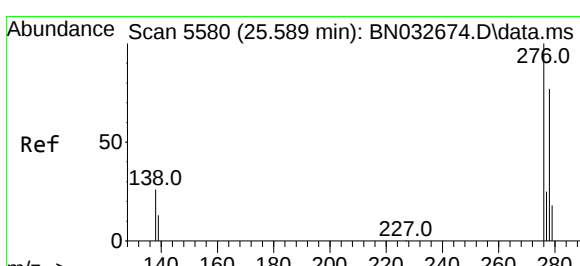
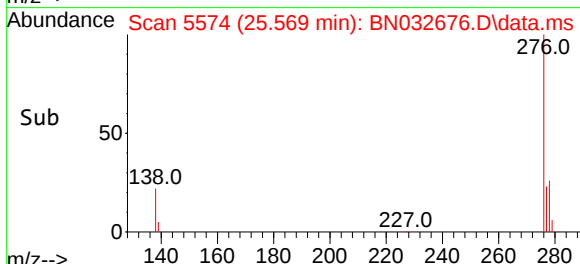
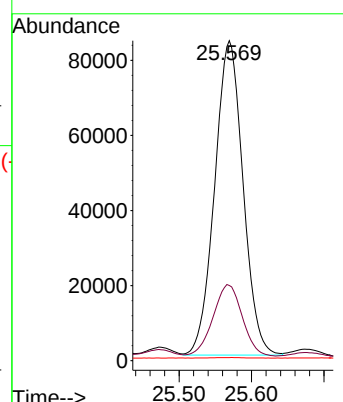
Instrument :
 BNA_N
 ClientSampleId :
 A4CB1



Tgt Ion: 276 Resp: 227724
 Ion Ratio Lower Upper
 276 100
 138 3.4 21.6 32.4
 227 0.0 0.0 0.0

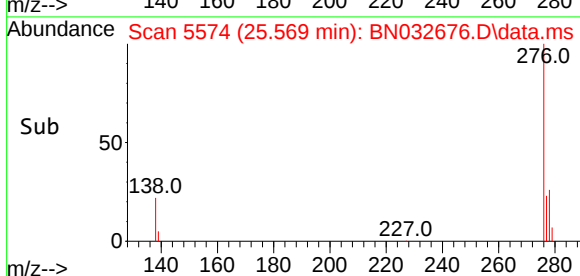
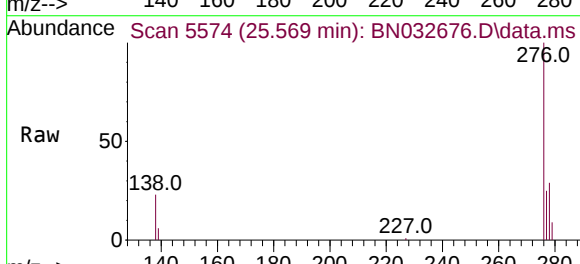
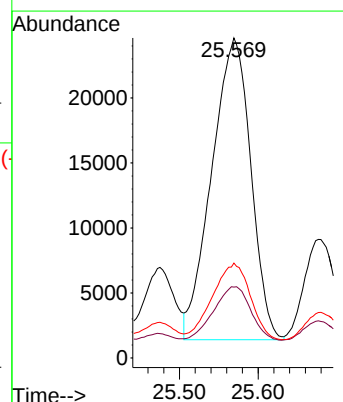
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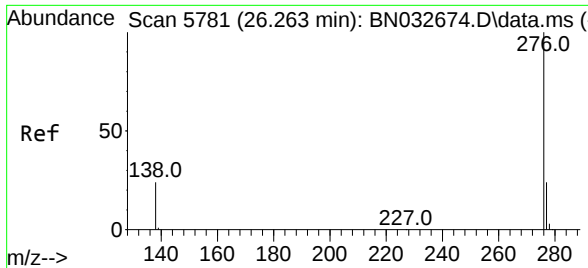
Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 1.791 ng/ul m
 RT: 25.569 min Scan# 5574
 Delta R.T. -0.070 min
 Lab File: BN032676.D
 Acq: 12 Jul 2024 17:23

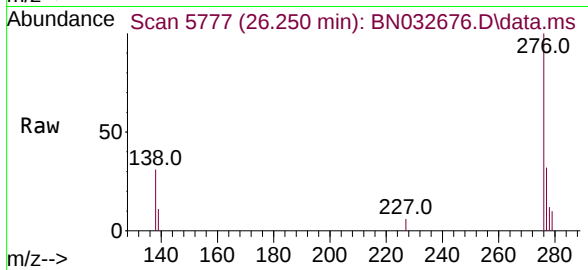
Tgt Ion: 278 Resp: 80160
 Ion Ratio Lower Upper
 278 100
 139 22.2 16.6 24.8
 279 29.6 23.7 35.5





#29
Benzo(g,h,i)perylene
Concen: 0.719 ng/ul m
RT: 26.250 min Scan# 51
Delta R.T. -0.050 min
Lab File: BN032676.D
Acq: 12 Jul 2024 17:23

Instrument :
BNA_N
ClientSampleId :
A4CB1



Tgt Ion:276 Resp: 34689
Ion Ratio Lower Upper
276 100
138 30.9 21.0 31.4
277 31.7 20.6 31.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

