

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032672.D
 Acq On : 12 Jul 2024 14:22
 Operator : MA/JU
 Sample : P3087-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 15:04:38 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	7.552	152	5628	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	16188	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	8447	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	15934m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	13472m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	15232m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	23990	3.550	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	5884	0.240	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	10662	0.243	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	7338	0.169	ng/ul	99
7) 2-Methylnaphthalene	12.004	142	2476	0.091	ng/ul	100
8) 1-Methylnaphthalene	12.224	142	1842	0.066	ng/ul	99
10) Acenaphthylene	13.920	152	13079	0.383	ng/ul	99
11) Acenaphthene	14.267	153	4900	0.174	ng/ul	99
12) Fluorene	15.261	166	5890	0.183	ng/ul#	97
15) Phenanthrene	16.999	178	135957m	3.133	ng/ul	
16) Anthracene	17.092	178	27428m	0.774	ng/ul	
19) Fluoranthene	19.027	202	311398	5.685	ng/ul	99
20) Pyrene	19.394	202	220740	3.893	ng/ul	98
21) Benzo(a)anthracene	21.156	228	143726m	3.352	ng/ul	
22) Chrysene	21.208	228	170727	2.752	ng/ul	98
24) Benzo(b)fluoranthene	22.710	252	243074m	4.523	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	80749m	1.233	ng/ul	
26) Benzo(a)pyrene	23.272	252	81384	1.750	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.576	276	82921	1.317	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.576	278	30185	0.618	ng/ul#	88
29) Benzo(g,h,i)perylene	26.256	276	11631	0.221	ng/ul#	77

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

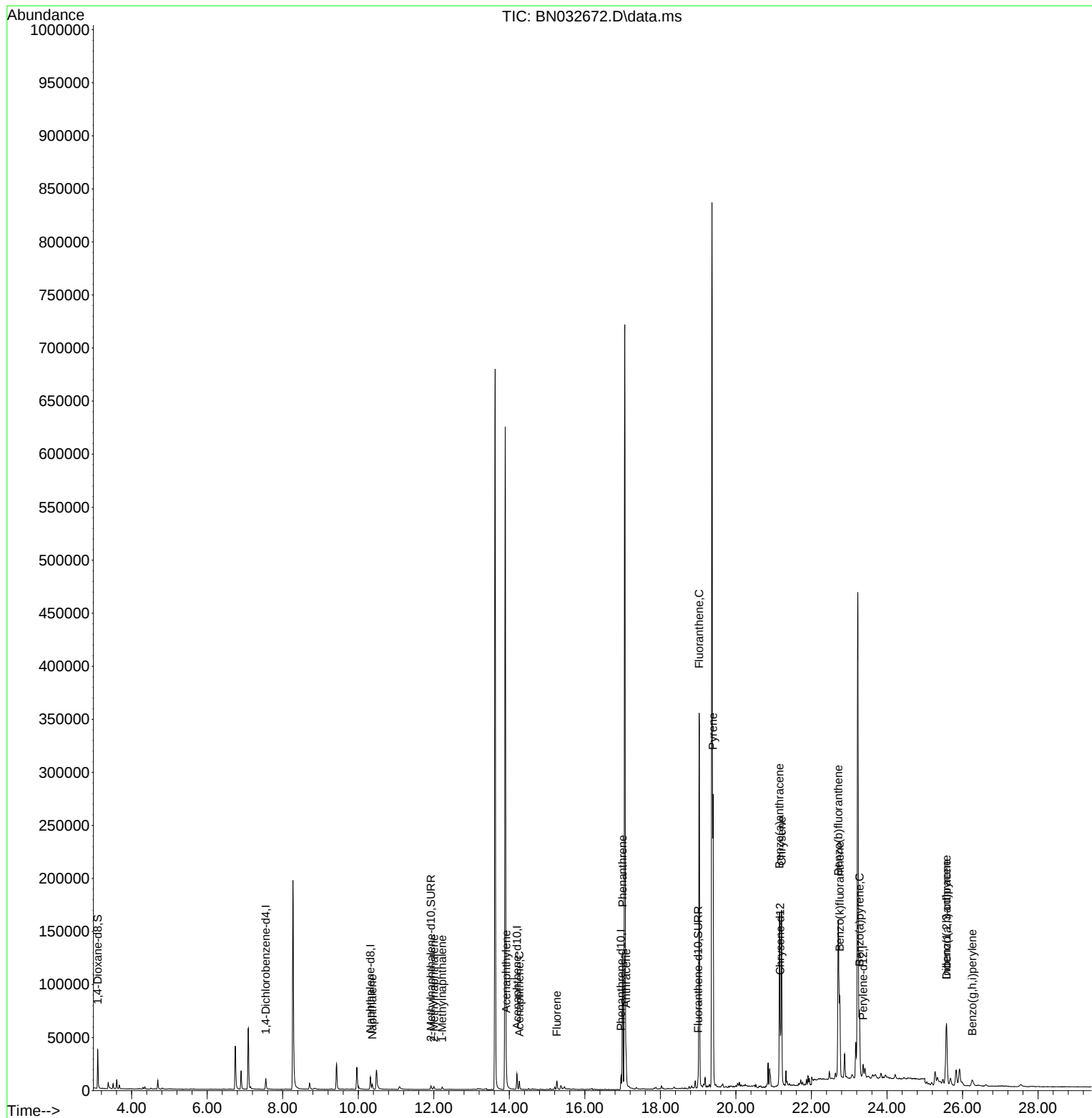
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032672.D
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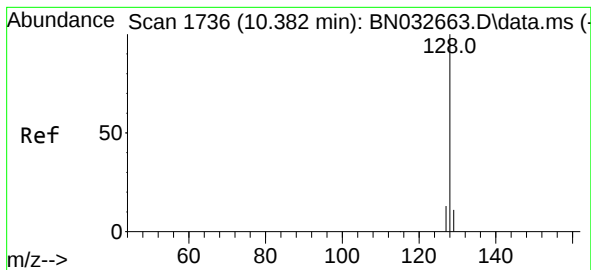
Instrument :
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A4CE9

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#5

Naphthalene

Concen: 0.169 ng/ul

RT: 10.371 min Scan# 1736

Delta R.T. -0.039 min

Lab File: BN032672.D

Acq: 12 Jul 2024 14:22

Instrument :

BNA_N

ClientSampleId :

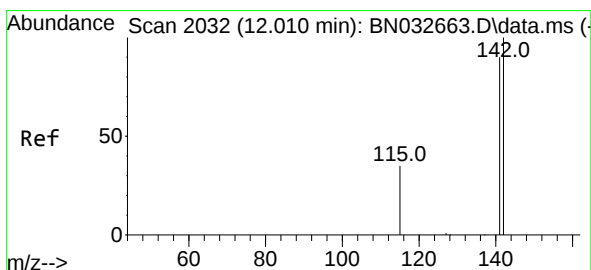
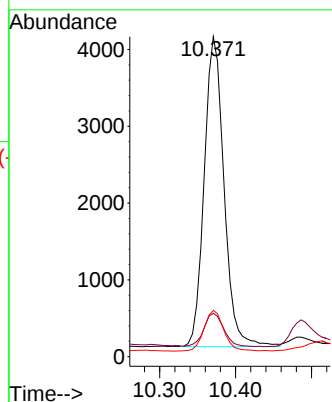
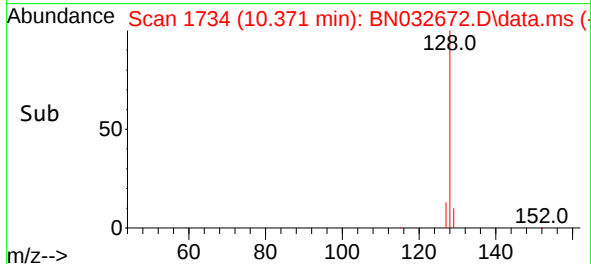
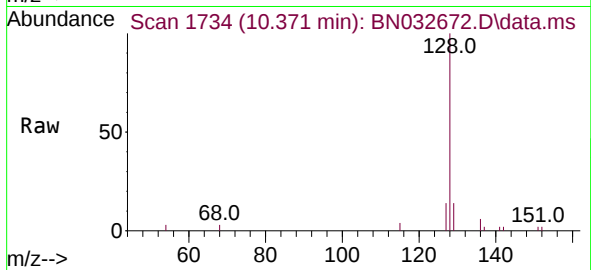
A4CE9

Tgt Ion:128	Resp:	7338
Ion Ratio	Lower	Upper
128	100	
129	13.6	10.0 15.0
127	14.4	11.6 17.4

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.091 ng/ul

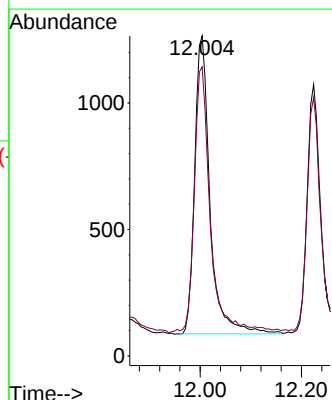
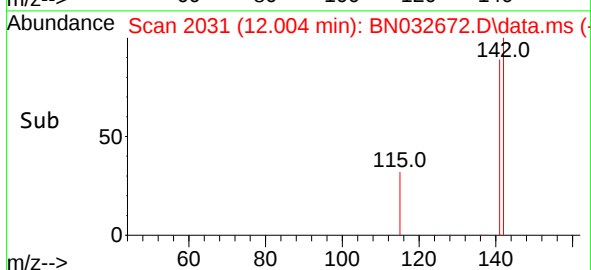
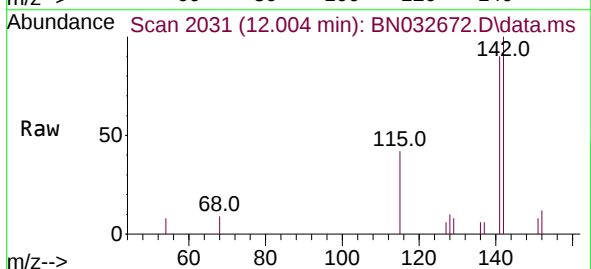
RT: 12.004 min Scan# 2031

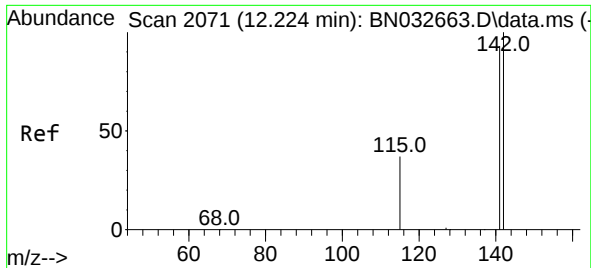
Delta R.T. -0.044 min

Lab File: BN032672.D

Acq: 12 Jul 2024 14:22

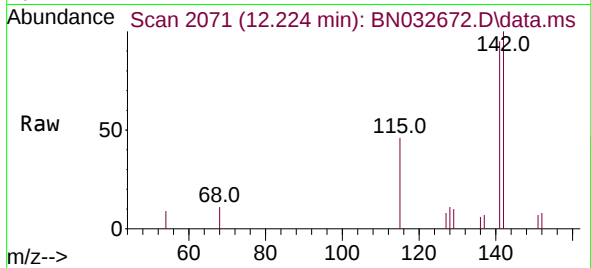
Tgt Ion:142	Resp:	2476
Ion Ratio	Lower	Upper
142	100	
141	92.9	74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.224 min Scan# 2071
Delta R.T. -0.022 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22

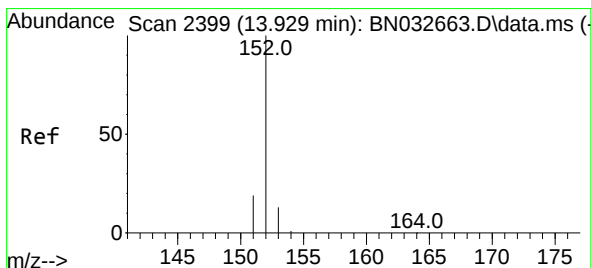
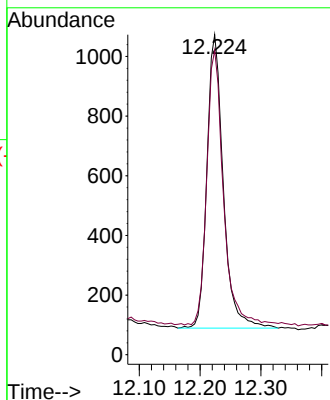
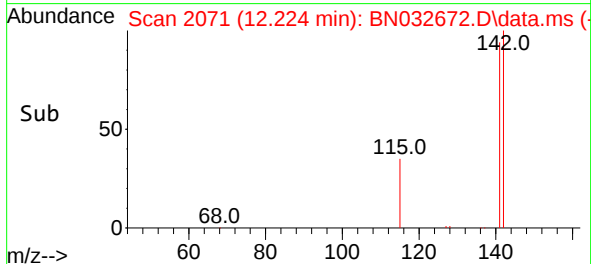
Instrument :
BNA_N
ClientSampleId :
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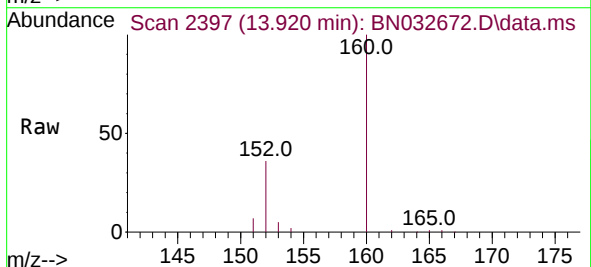
Tgt Ion:142 Resp: 184
Ion Ratio Lower Upper
142 100
141 94.5 75.0 112.4

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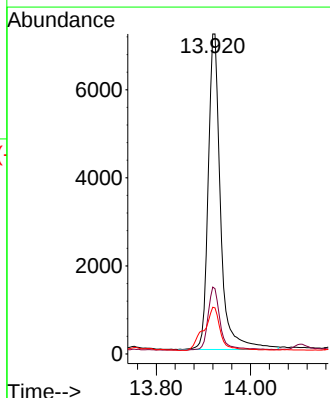
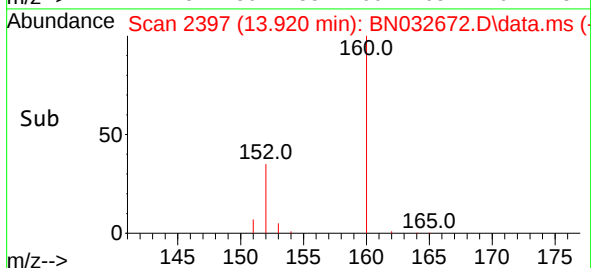
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

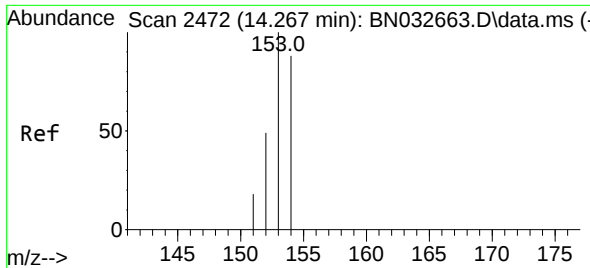


#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 13.920 min Scan# 2397
Delta R.T. -0.023 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22



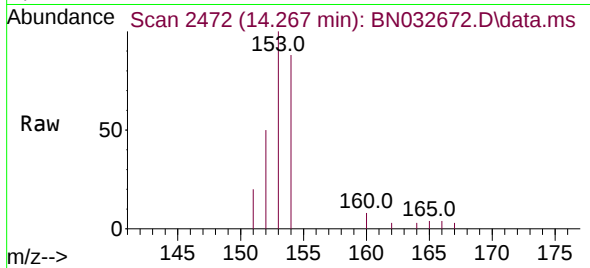
Tgt Ion:152 Resp: 13079
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.6 11.3 16.9





#11
Acenaphthene
Concen: 0.174 ng/u1
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22

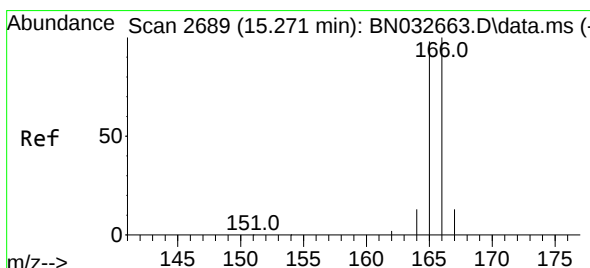
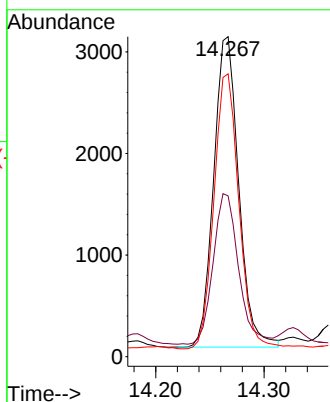
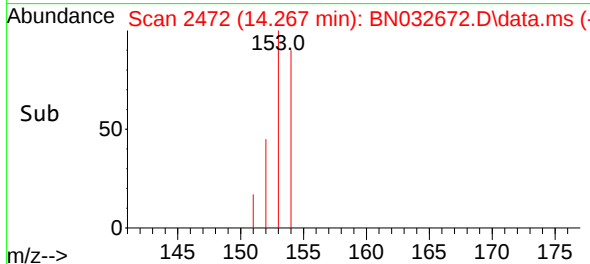
Instrument :
BNA_N
ClientSampleId :
A4CE9



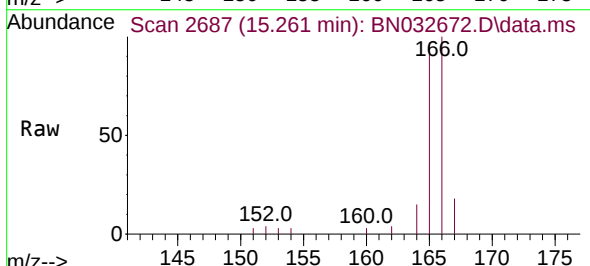
Tgt Ion:153 Resp: 4900
Ion Ratio Lower Upper
153 100
152 50.3 40.0 60.0
154 88.4 70.2 105.4

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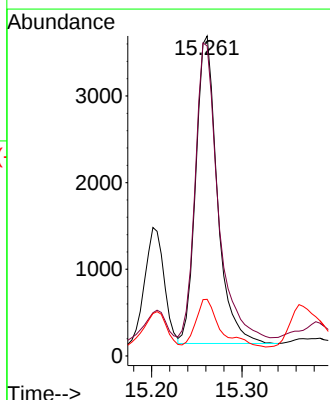
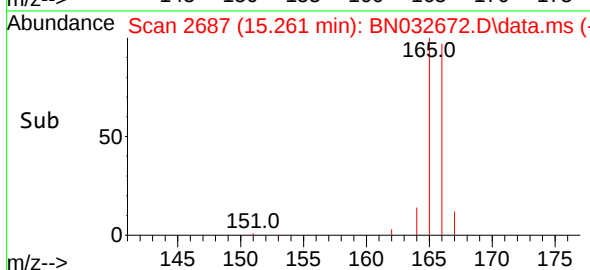
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

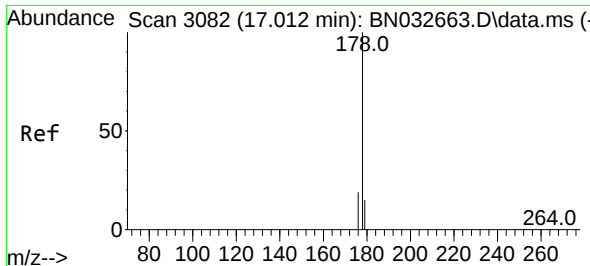


#12
Fluorene
Concen: 0.183 ng/u1
RT: 15.261 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22



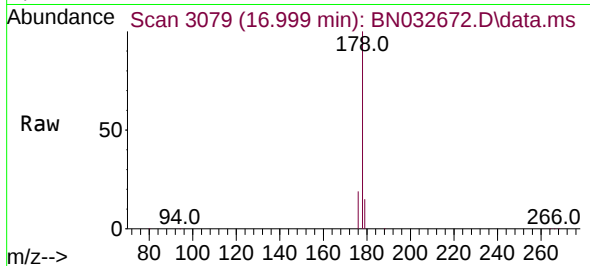
Tgt Ion:166 Resp: 5890
Ion Ratio Lower Upper
166 100
165 96.9 79.7 119.5
167 17.7 11.4 17.2#





#15
Phenanthrene
Concen: 3.133 ng/ul m
RT: 16.999 min Scan# 3082
Delta R.T. -0.030 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22

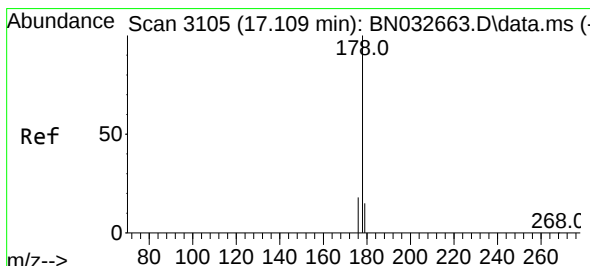
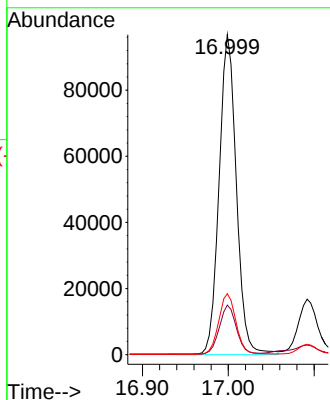
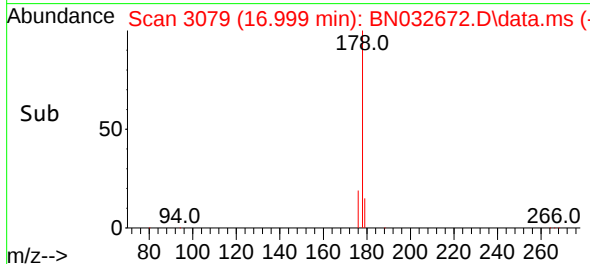
Instrument :
BNA_N
ClientSampleId :
A4CE9



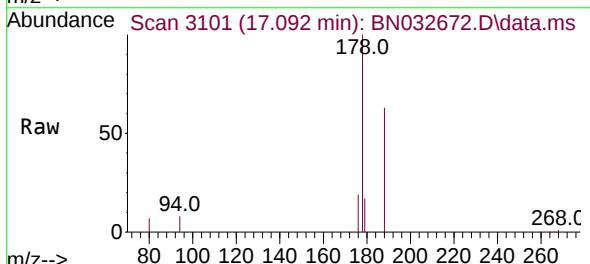
Tgt Ion:178 Resp: 13595
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.1 15.6 23.4

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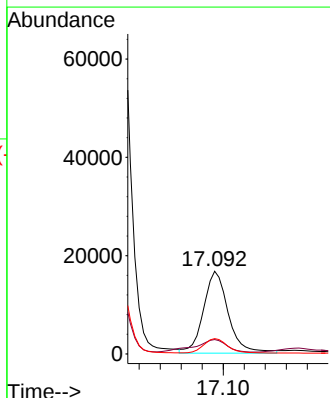
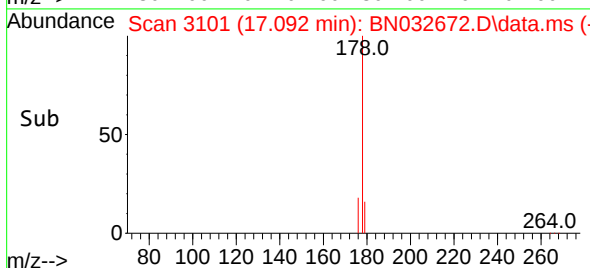
Reviewed By :Jagrut Upadhyay 07/12/2024
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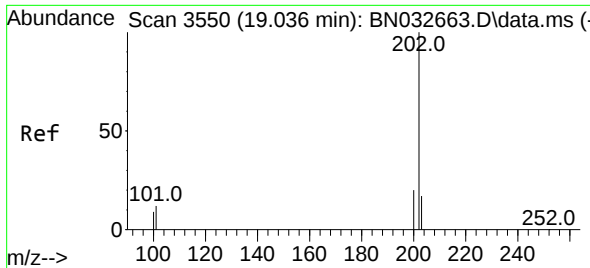


#16
Anthracene
Concen: 0.774 ng/ul m
RT: 17.092 min Scan# 3101
Delta R.T. -0.047 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22



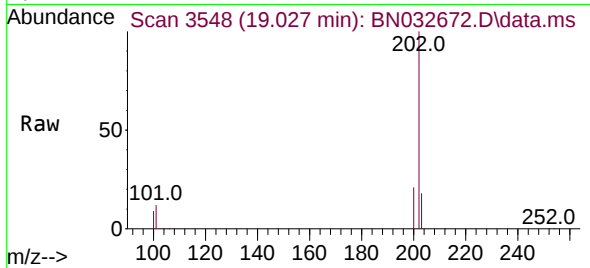
Tgt Ion:178 Resp: 27428
Ion Ratio Lower Upper
178 100
179 17.4 13.4 20.2
176 18.6 15.4 23.0





#19
Fluoranthene
Concen: 5.685 ng/u1
RT: 19.027 min Scan# 311398
Delta R.T. -0.028 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22

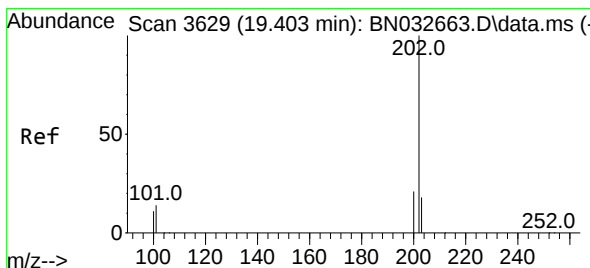
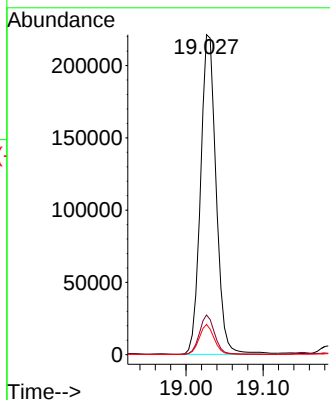
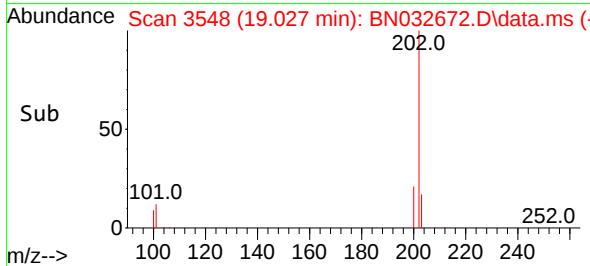
Instrument :
BNA_N
ClientSampleId :
A4CE9



Tgt Ion:202 Resp: 311398
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.5 7.9 11.9

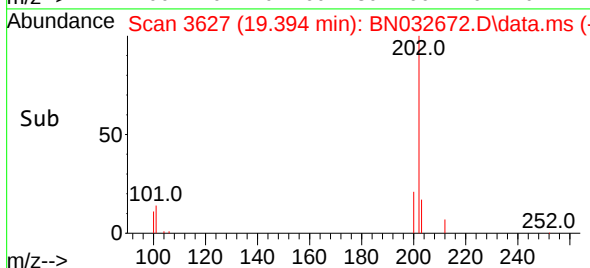
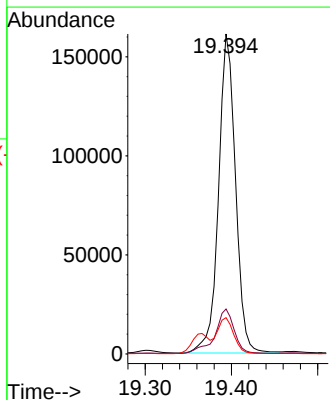
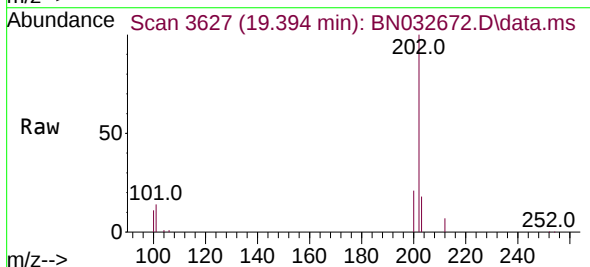
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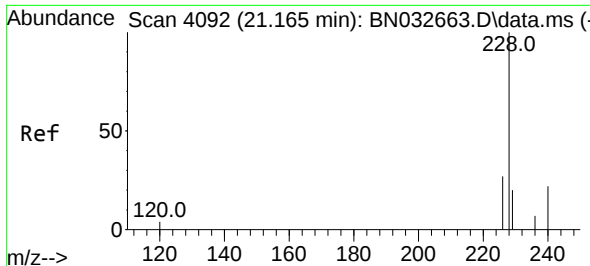
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 3.893 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22

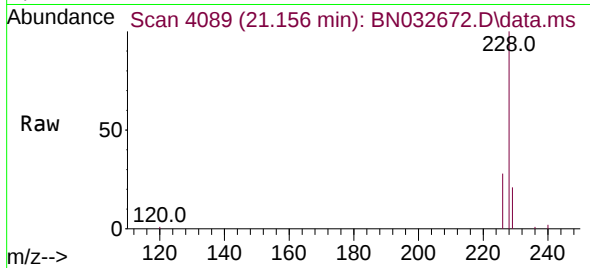
Tgt Ion:202 Resp: 220740
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 11.4 9.6 14.4





#21
Benzo(a)anthracene
Concen: 3.352 ng/ul m
RT: 21.156 min Scan# 4092
Delta R.T. -0.026 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22

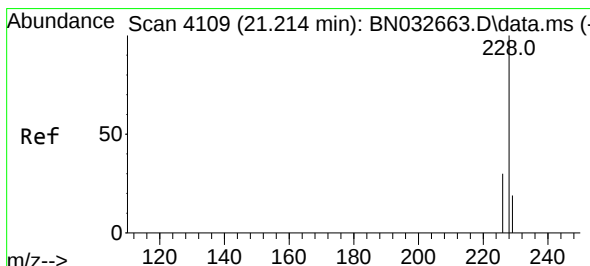
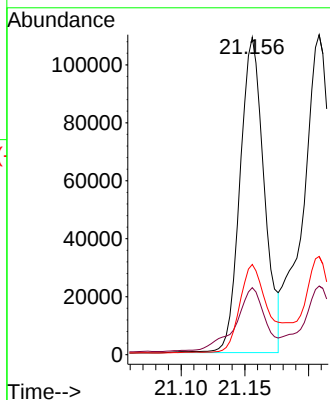
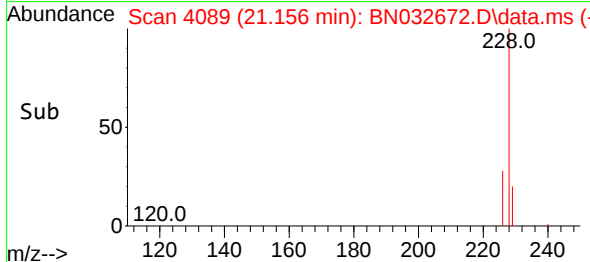
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Tgt Ion:228 Resp: 143720
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 28.4 21.9 32.9

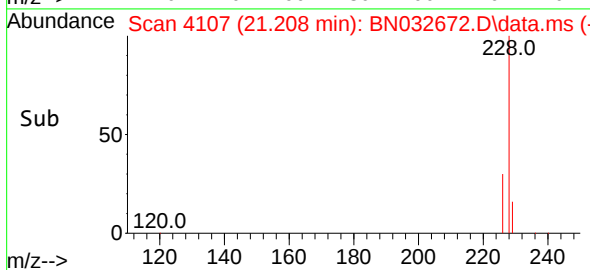
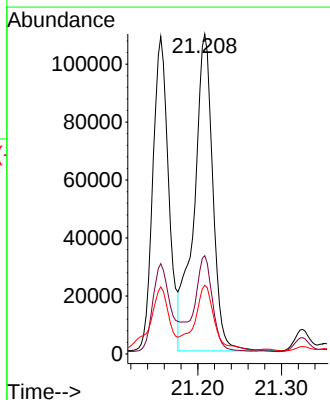
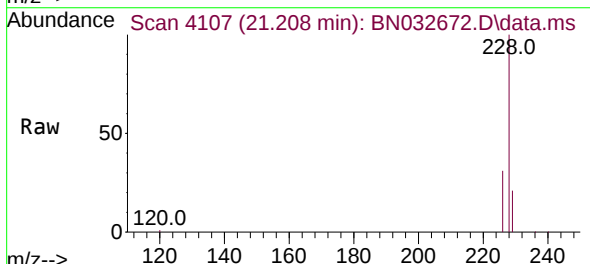
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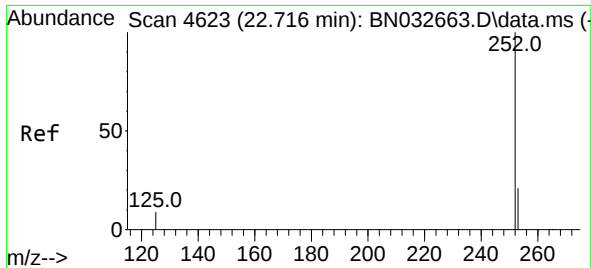
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 2.752 ng/ul
RT: 21.208 min Scan# 4107
Delta R.T. -0.024 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22

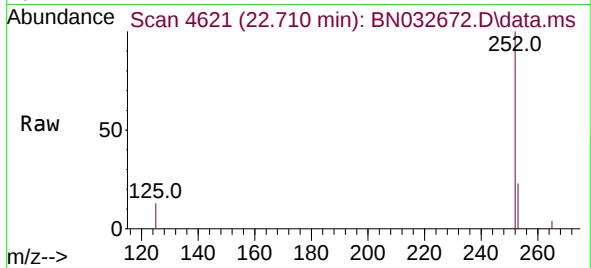
Tgt Ion:228 Resp: 170727
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.523 ng/ul m
RT: 22.710 min Scan# 4621
Delta R.T. -0.024 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22

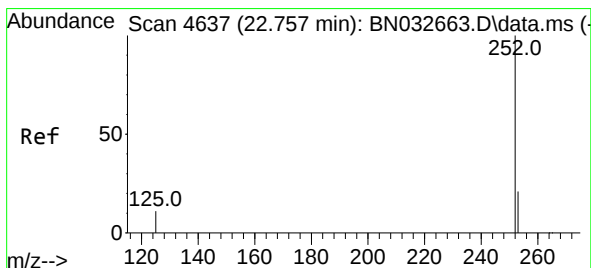
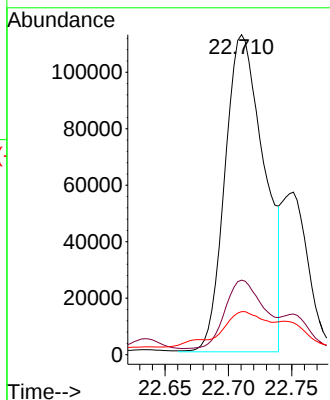
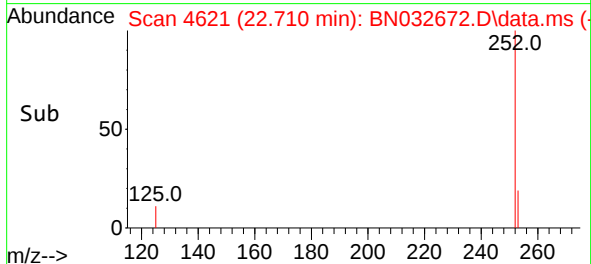
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Tgt Ion:252 Resp: 243074
Ion Ratio Lower Upper
252 100
253 23.3 0.0 54.0
125 13.4 0.0 36.0

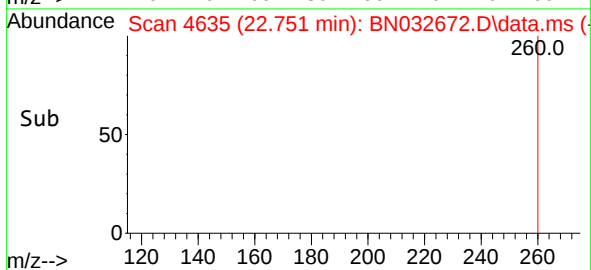
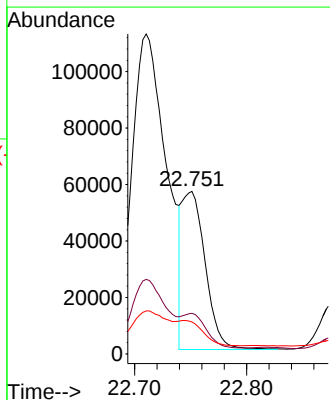
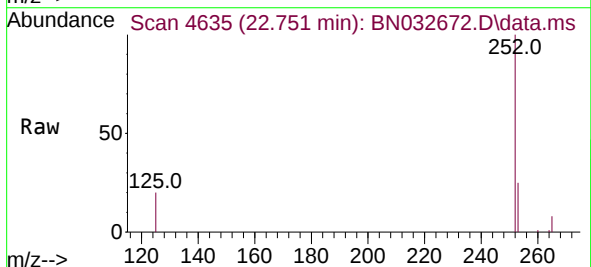
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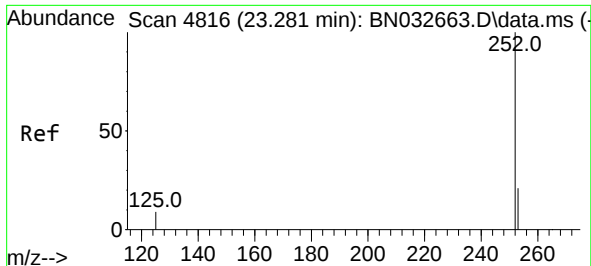
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 1.233 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22

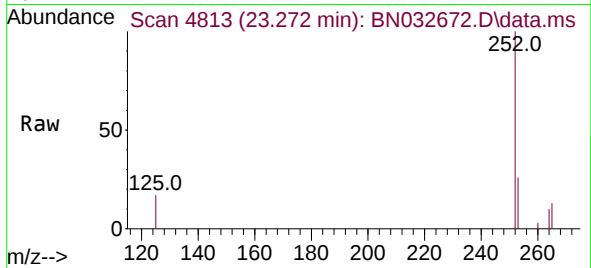
Tgt Ion:252 Resp: 80749
Ion Ratio Lower Upper
252 100
253 25.0 21.2 31.8
125 19.7 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.750 ng/ul
RT: 23.272 min Scan# 4816
Delta R.T. -0.038 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22

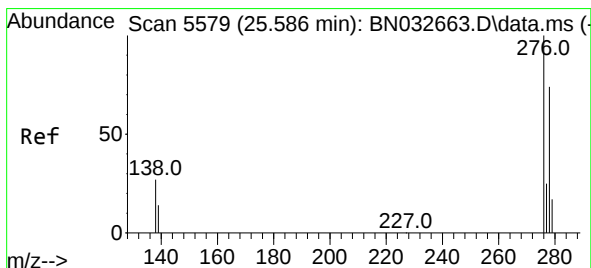
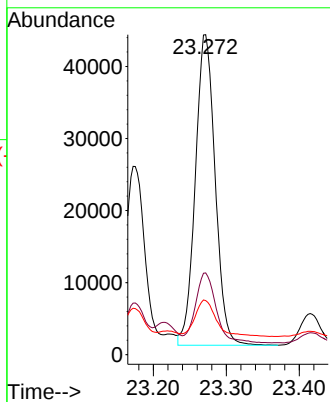
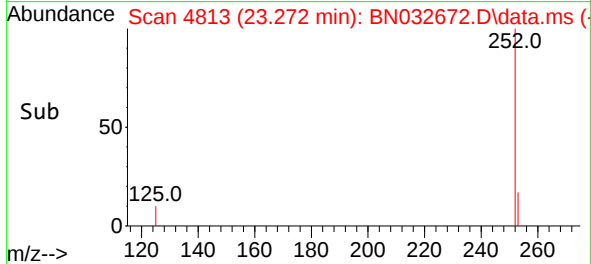
Instrument :
BNA_N
ClientSampleId :
A4CE9



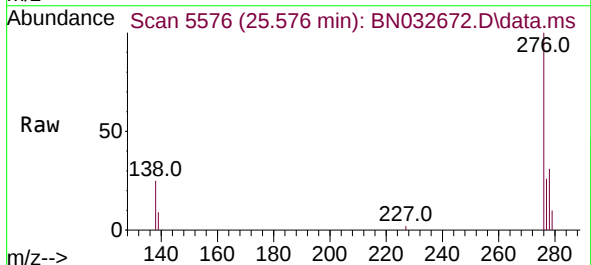
Tgt Ion:252 Resp: 81384
Ion Ratio Lower Upper
252 100
253 25.6 25.4 38.0
125 16.9 20.6 30.8

Manual Integrations
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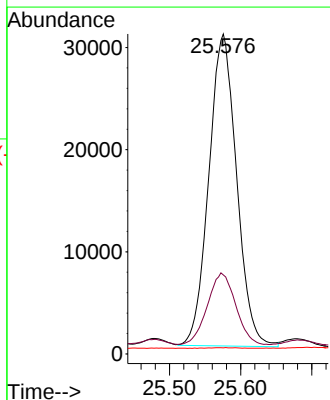
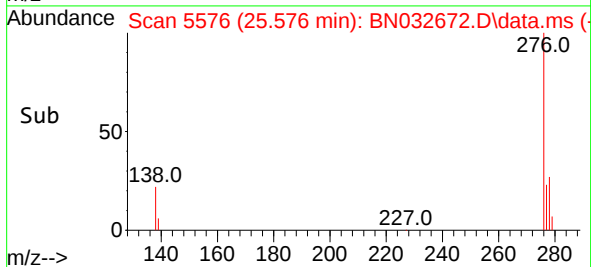
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

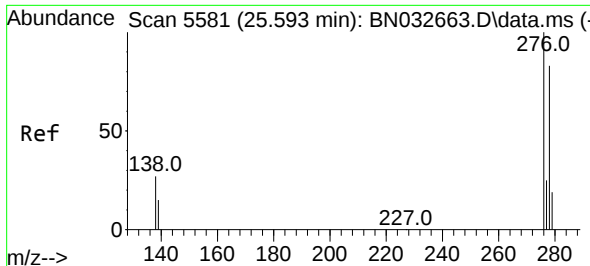


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.317 ng/ul
RT: 25.576 min Scan# 5576
Delta R.T. -0.050 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22



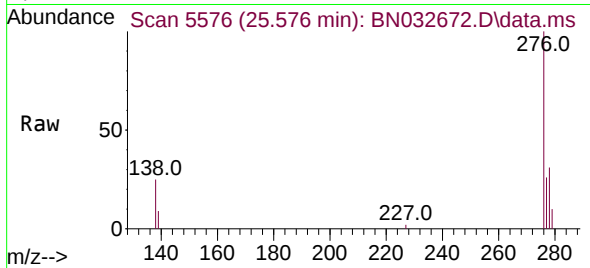
Tgt Ion:276 Resp: 82921
Ion Ratio Lower Upper
276 100
138 23.8 21.6 32.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.618 ng/ul
RT: 25.576 min Scan# 5576
Delta R.T. -0.064 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22

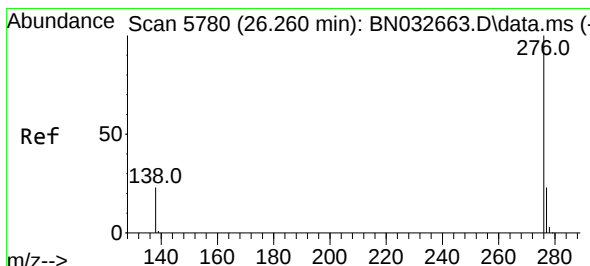
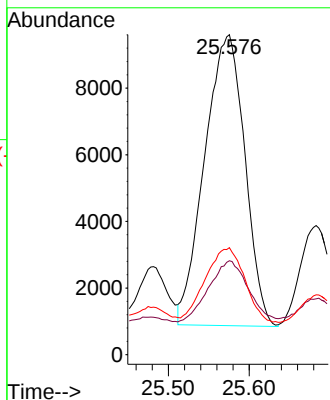
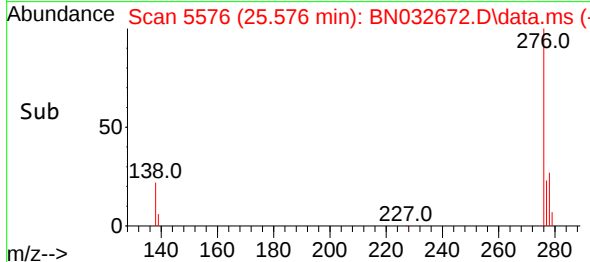
Instrument :
BNA_N
ClientSampleId :
A4CE9



Tgt Ion:278 Resp: 3018
Ion Ratio Lower Upper
278 100
139 29.3 16.6 24.8
279 33.4 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.221 ng/ul
RT: 26.256 min Scan# 5779
Delta R.T. -0.044 min
Lab File: BN032672.D
Acq: 12 Jul 2024 14:22

Tgt Ion:276 Resp: 11631
Ion Ratio Lower Upper
276 100
138 38.2 21.0 31.4#
277 37.5 20.6 31.0#

