

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032673.D
 Acq On : 12 Jul 2024 15:34
 Operator : MA/JU
 Sample : P3087-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BC6

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 16:11:18 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	5066	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	15235	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	8777	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	18222m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.173	240	15820m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	17757m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	23516	3.866	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	6205	0.269	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	13986	0.271	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	9024	0.221	ng/ul	99
7) 2-Methylnaphthalene	12.004	142	3035	0.119	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	2399	0.091	ng/ul	99
10) Acenaphthylene	13.920	152	20998	0.592	ng/ul	99
11) Acenaphthene	14.262	153	12356	0.421	ng/ul	99
12) Fluorene	15.257	166	14808	0.442	ng/ul	98
14) Pentachlorophenol	16.636	266	148m	0.046	ng/ul	
15) Phenanthrene	16.999	178	381885m	7.695	ng/ul	
16) Anthracene	17.092	178	70243m	1.733	ng/ul	
19) Fluoranthene	19.031	202	937496	14.575	ng/ul	96
20) Pyrene	19.398	202	630635	9.472	ng/ul	96
21) Benzo(a)anthracene	21.156	228	419463m	8.330	ng/ul	
22) Chrysene	21.208	228	489812	6.724	ng/ul	98
24) Benzo(b)fluoranthene	22.710	252	710056m	11.333	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	262312m	3.436	ng/ul	
26) Benzo(a)pyrene	23.272	252	229148	4.226	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.576	276	240702	3.279	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.576	278	85807	1.508	ng/ul#	95
29) Benzo(g,h,i)perylene	26.256	276	33822	0.551	ng/ul#	89

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

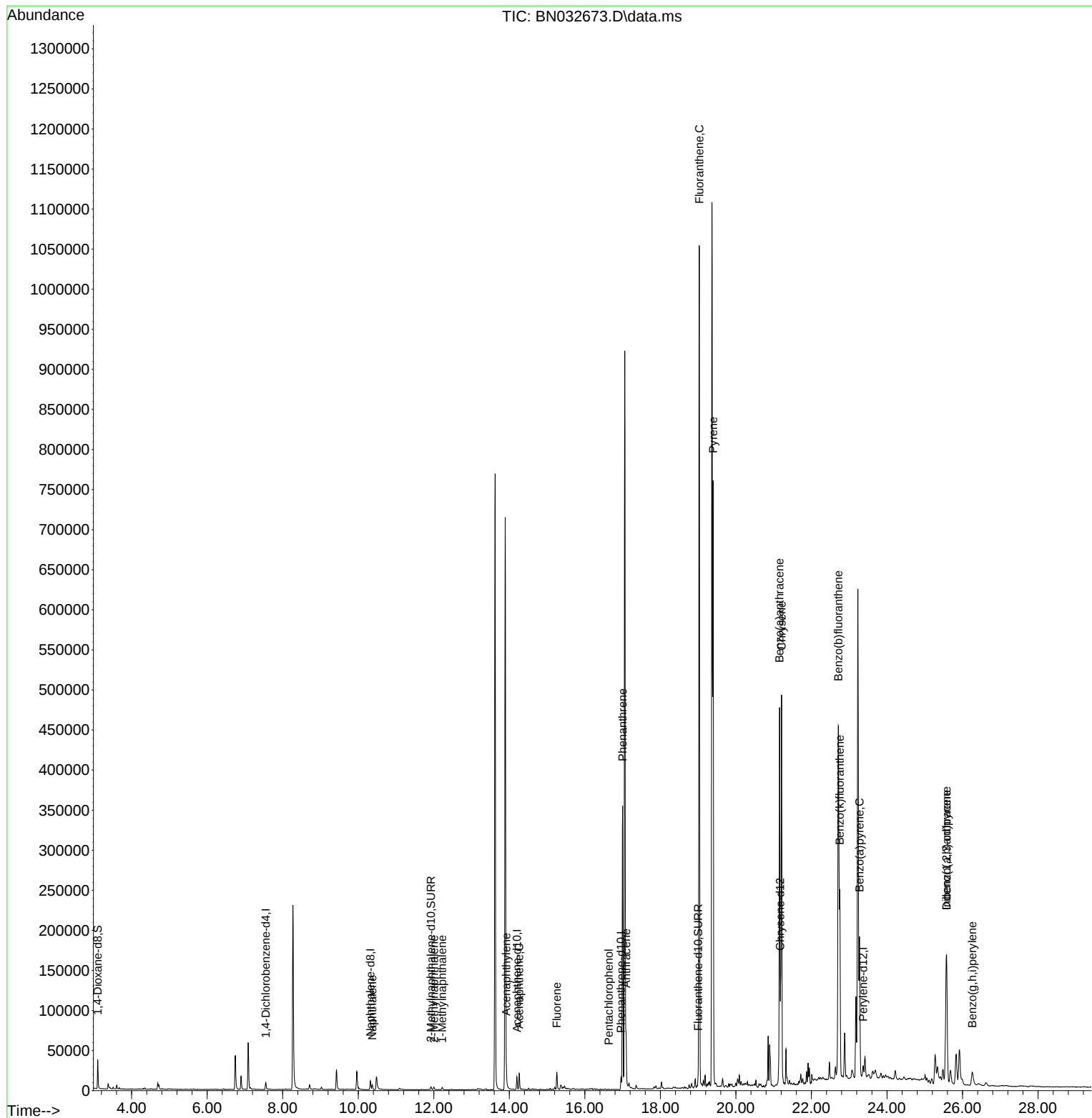
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032673.D
Acq On : 12 Jul 2024 15:34
Operator : MA/JU
Sample : P3087-12
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ALS Vial : 12 Sample Multiplier: 1

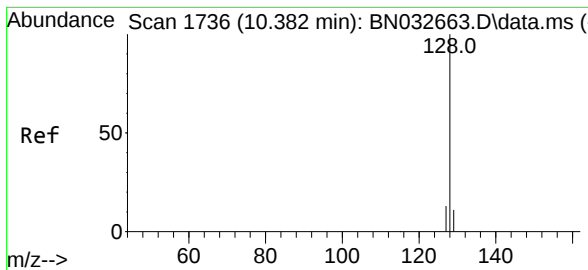
Instrument :
BNA_N
ClientSampleId :
A4BC6

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Supervised By :mohammad ahmed 07/16/2024

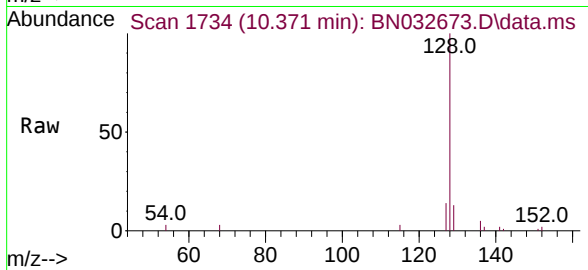
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.221 ng/ul
RT: 10.371 min Scan# 1734
Delta R.T. -0.039 min
Lab File: BN032673.D
Acq: 12 Jul 2024 15:34

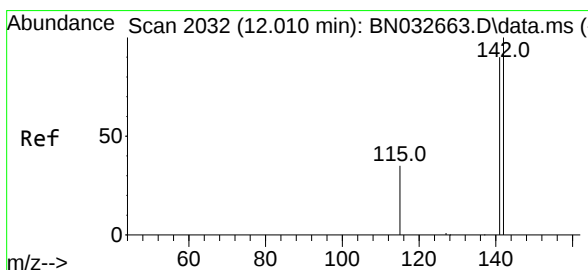
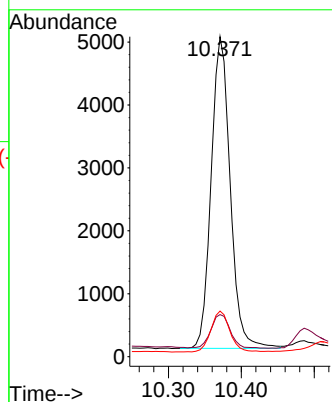
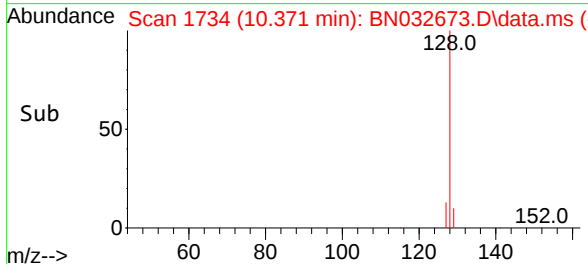
Instrument :
BNA_N
ClientSampleId :
A4BC6



Tgt Ion:128 Resp: 9024
Ion Ratio Lower Upper
128 100
129 13.1 10.0 15.0
127 14.2 11.6 17.4

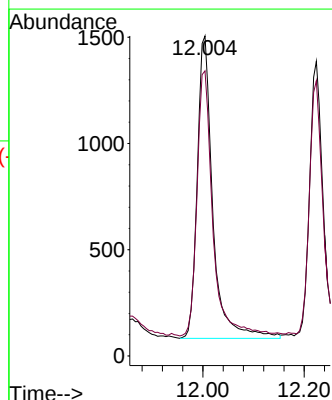
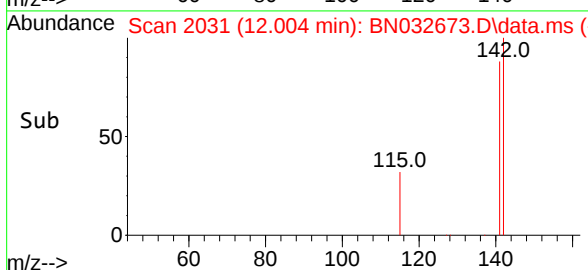
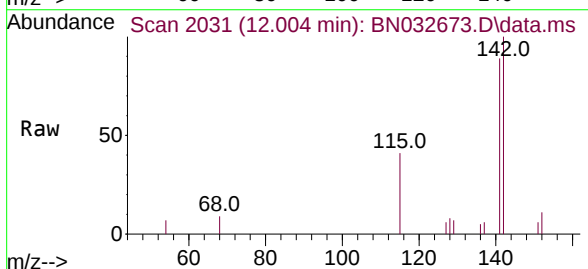
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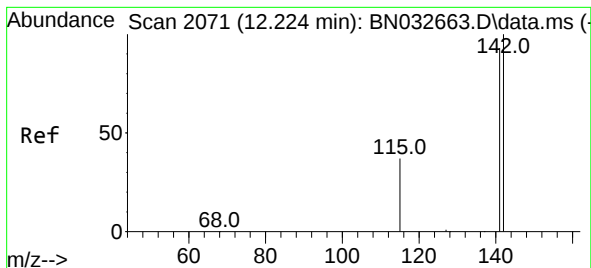
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032673.D
Acq: 12 Jul 2024 15:34

Tgt Ion:142 Resp: 3035
Ion Ratio Lower Upper
142 100
141 89.8 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.091 ng/ul

RT: 12.224 min Scan# 2071

Delta R.T. -0.022 min

Lab File: BN032673.D

Acq: 12 Jul 2024 15:34

Instrument :

BNA_N

ClientSampleId :

A4BC6

Tgt Ion:142 Resp: 2399

Ion Ratio Lower Upper

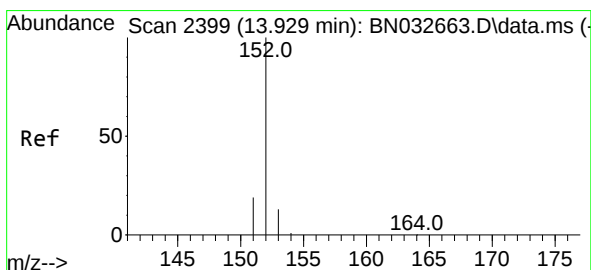
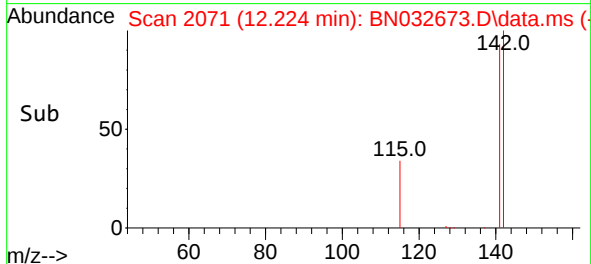
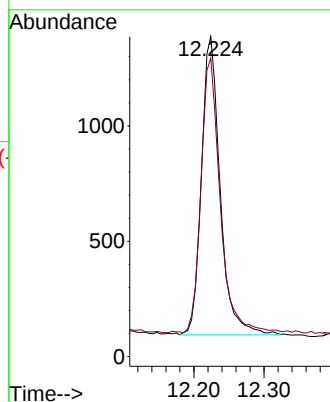
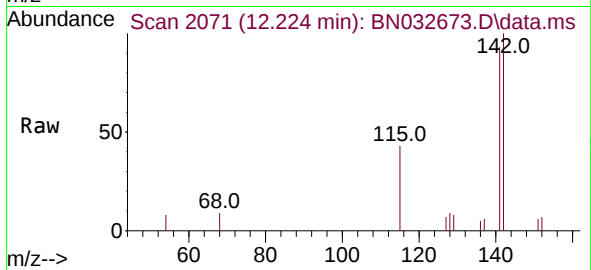
142 100

141 92.6 75.0 112.4

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Supervised By :mohammad ahmed 07/16/2024



#10

Acenaphthylene

Concen: 0.592 ng/ul

RT: 13.920 min Scan# 2397

Delta R.T. -0.023 min

Lab File: BN032673.D

Acq: 12 Jul 2024 15:34

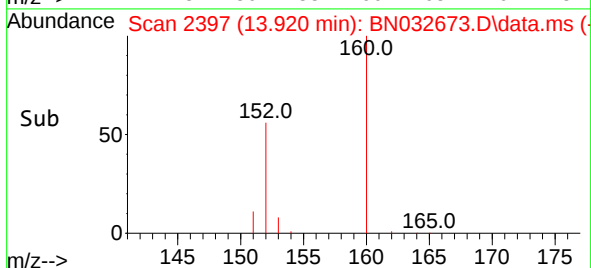
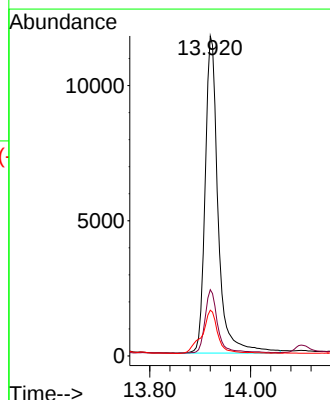
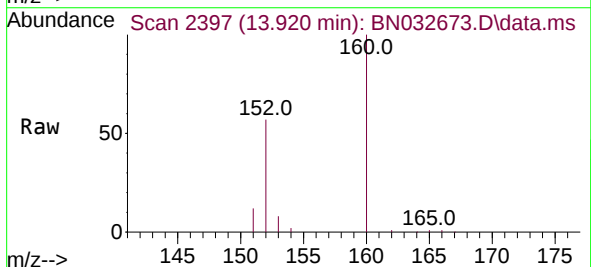
Tgt Ion:152 Resp: 20998

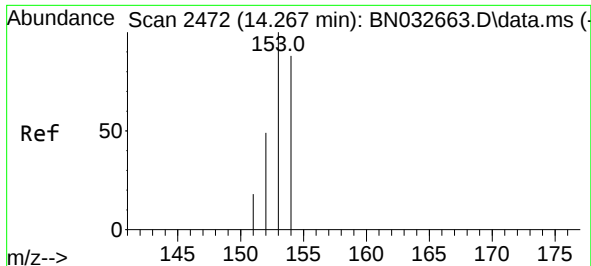
Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

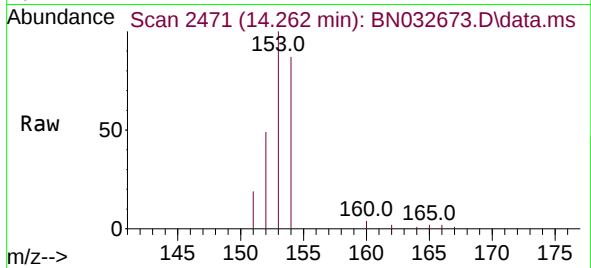
153 14.3 11.3 16.9





#11
Acenaphthene
Concen: 0.421 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.019 min
Lab File: BN032673.D
Acq: 12 Jul 2024 15:34

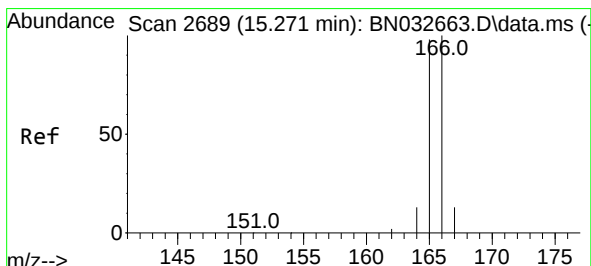
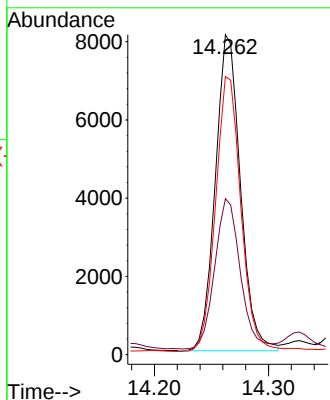
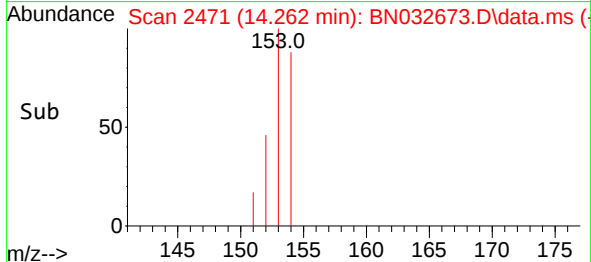
Instrument :
BNA_N
ClientSampleId :
A4BC6



Tgt Ion:153 Resp: 12350
Ion Ratio Lower Upper
153 100
152 48.8 40.0 60.0
154 86.9 70.2 105.4

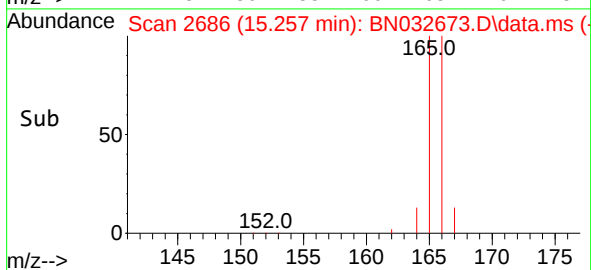
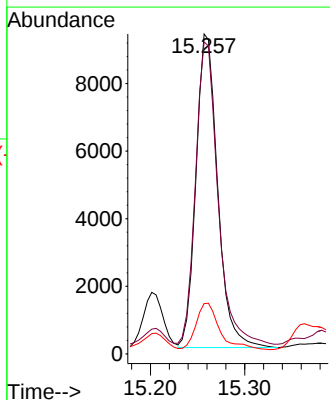
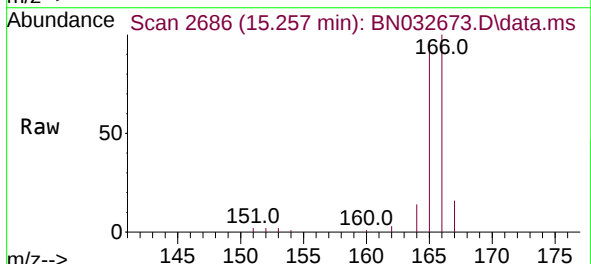
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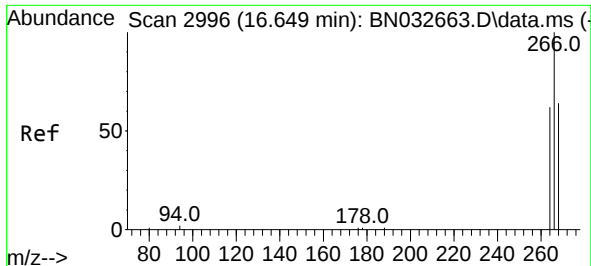
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.442 ng/ul
RT: 15.257 min Scan# 2686
Delta R.T. -0.033 min
Lab File: BN032673.D
Acq: 12 Jul 2024 15:34

Tgt Ion:166 Resp: 14808
Ion Ratio Lower Upper
166 100
165 97.5 79.7 119.5
167 15.8 11.4 17.2





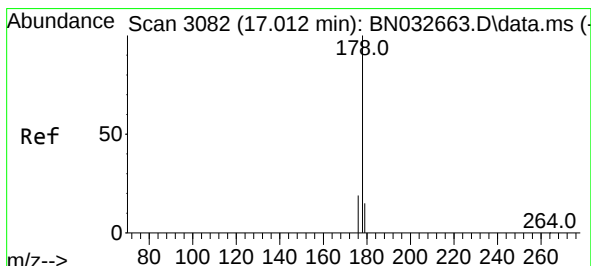
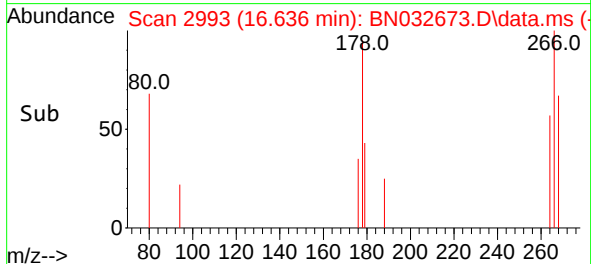
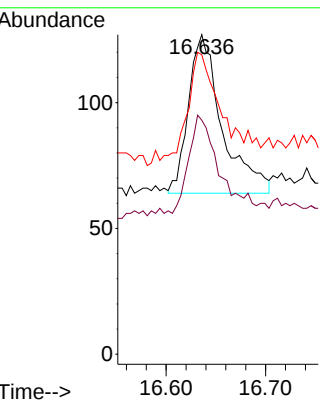
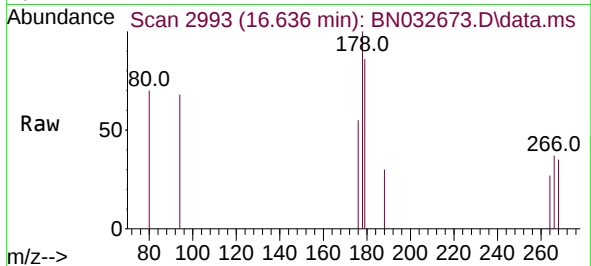
#14
Pentachlorophenol
Concen: 0.046 ng/ul m
RT: 16.636 min Scan# 2993
Delta R.T. -0.034 min
Lab File: BN032673.D
Acq: 12 Jul 2024 15:34

Instrument :
BNA_N
ClientSampleId :
A4BC6

Tgt Ion:266 Resp: 144
Ion Ratio Lower Upper
266 100
264 0.0 49.4 74.2
268 2.7 51.6 77.4

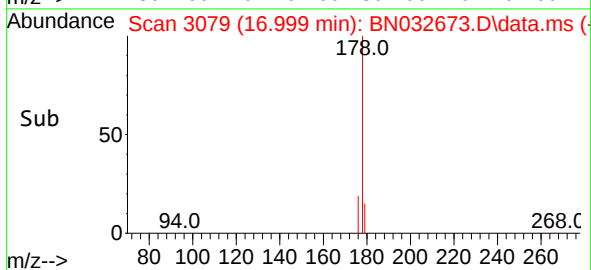
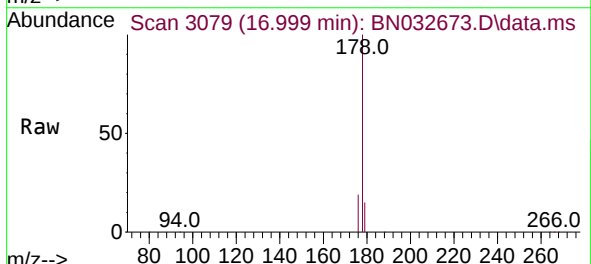
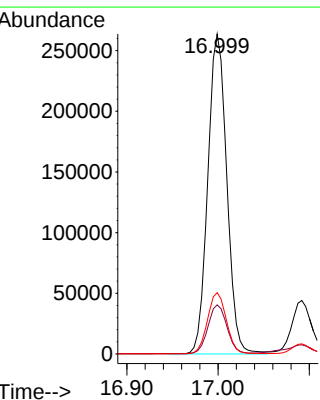
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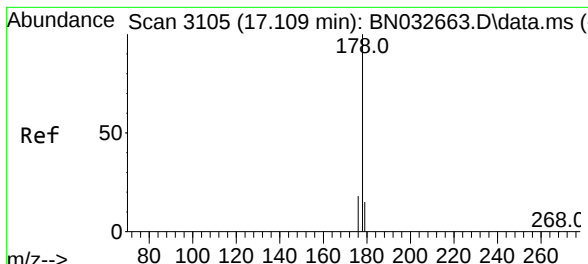
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 7.695 ng/ul m
RT: 16.999 min Scan# 3079
Delta R.T. -0.030 min
Lab File: BN032673.D
Acq: 12 Jul 2024 15:34

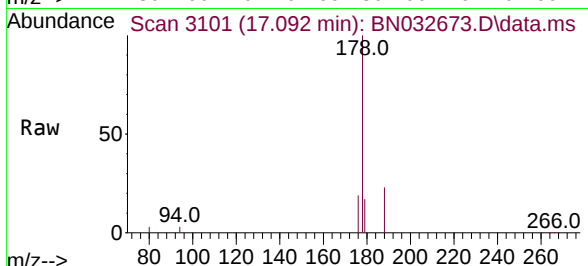
Tgt Ion:178 Resp: 381885
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.1 15.6 23.4





#16
 Anthracene
 Concen: 1.733 ng/ul m
 RT: 17.092 min Scan# 3101
 Delta R.T. -0.047 min
 Lab File: BN032673.D
 Acq: 12 Jul 2024 15:34

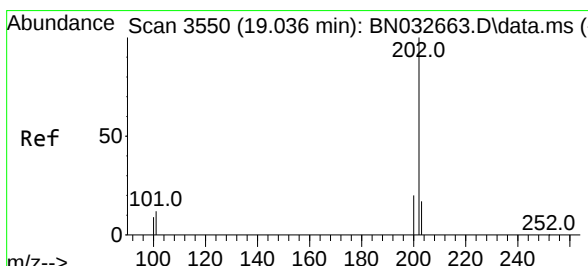
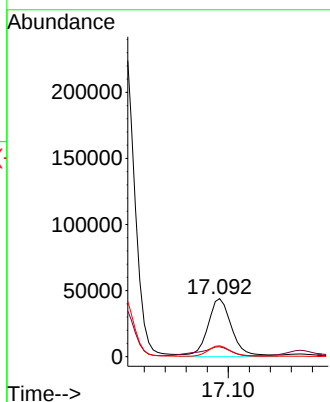
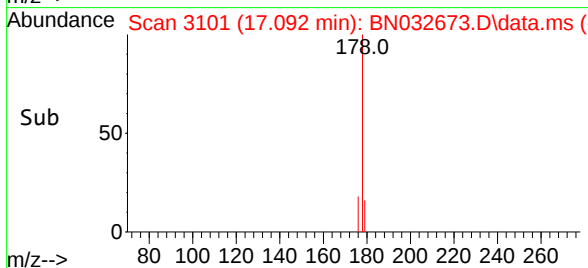
Instrument :
 BNA_N
 ClientSampleId :
 A4BC6



Tgt Ion:	178	Resp:	7024
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.4	20.2
176	18.8	15.4	23.0

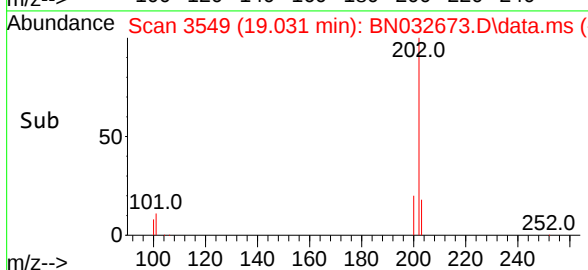
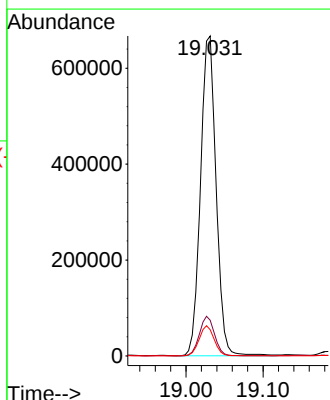
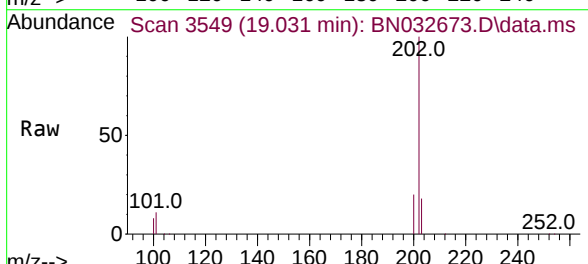
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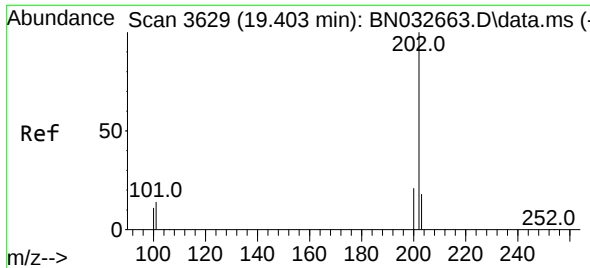
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 14.575 ng/ul
 RT: 19.031 min Scan# 3549
 Delta R.T. -0.023 min
 Lab File: BN032673.D
 Acq: 12 Jul 2024 15:34

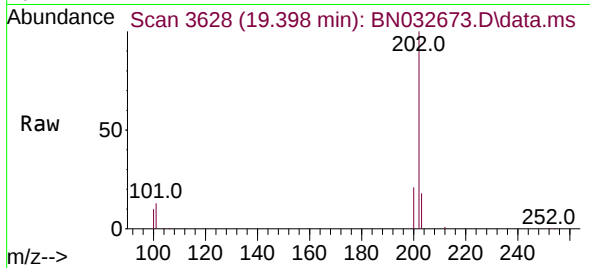
Tgt Ion:	202	Resp:	937496
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.8	14.8
100	8.2	7.9	11.9





#20
Pyrene
Concen: 9.472 ng/u1
RT: 19.398 min Scan# 30
Delta R.T. -0.023 min
Lab File: BN032673.D
Acq: 12 Jul 2024 15:34

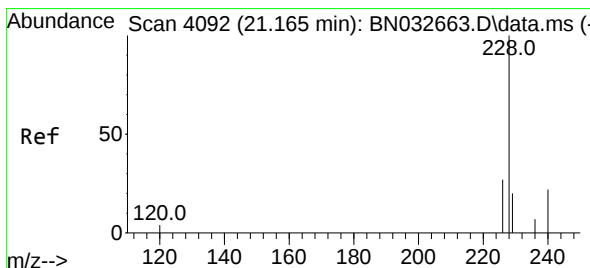
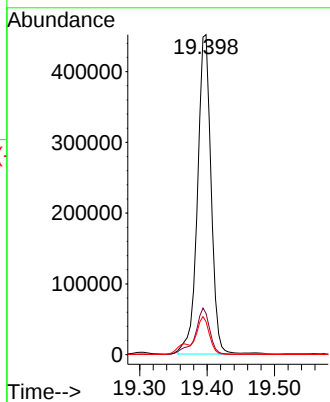
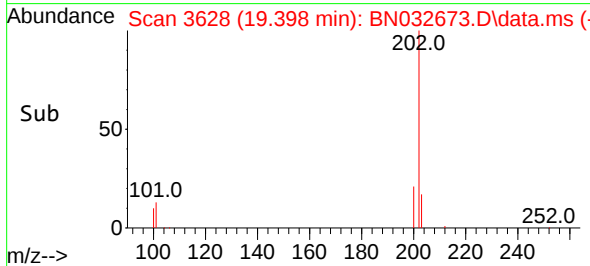
Instrument :
BNA_N
ClientSampleId :
A4BC6



Tgt Ion:202 Resp: 63063
Ion Ratio Lower Upper
202 100
101 12.9 11.8 17.6
100 10.3 9.6 14.4

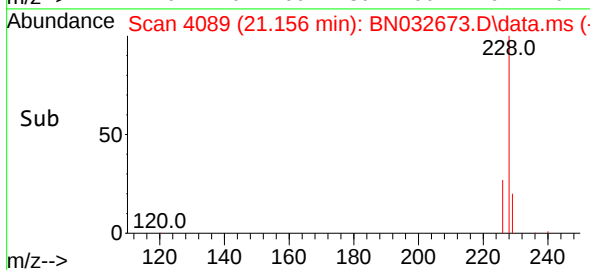
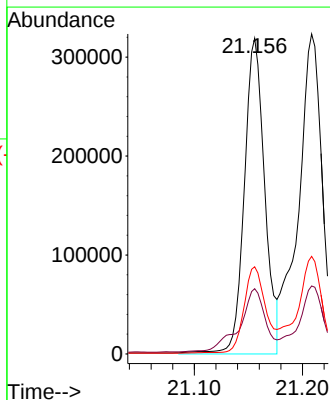
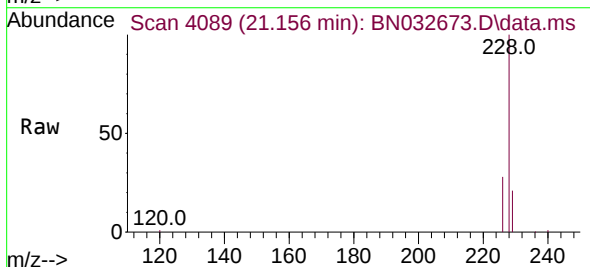
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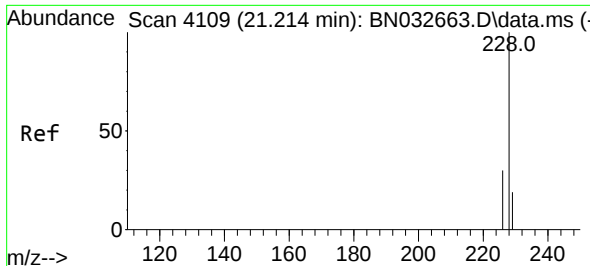
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 8.330 ng/u1 m
RT: 21.156 min Scan# 4089
Delta R.T. -0.026 min
Lab File: BN032673.D
Acq: 12 Jul 2024 15:34

Tgt Ion:228 Resp: 419463
Ion Ratio Lower Upper
228 100
229 20.7 16.1 24.1
226 27.6 21.9 32.9





#22

Chrysene

Concen: 6.724 ng/ul

RT: 21.208 min Scan# 4109

Delta R.T. -0.023 min

Lab File: BN032673.D

Acq: 12 Jul 2024 15:34

Instrument :

BNA_N

ClientSampleId :

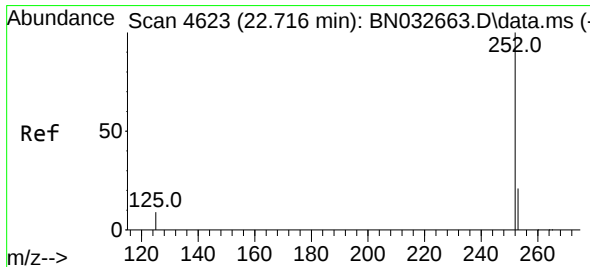
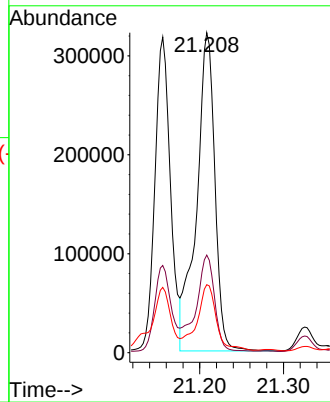
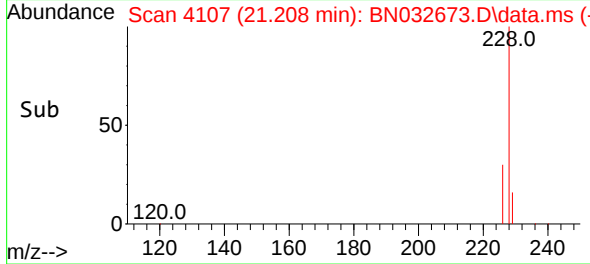
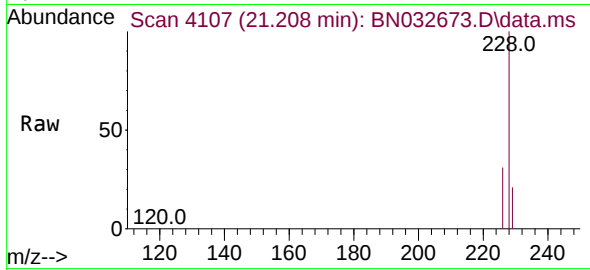
A4BC6

Tgt Ion:228	Resp: 48981
Ion Ratio	Lower Upper
228 100	
226 30.5	24.0 36.0
229 21.3	15.8 23.6

Manual Integrations

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



#24

Benzo(b)fluoranthene

Concen: 11.333 ng/ul m

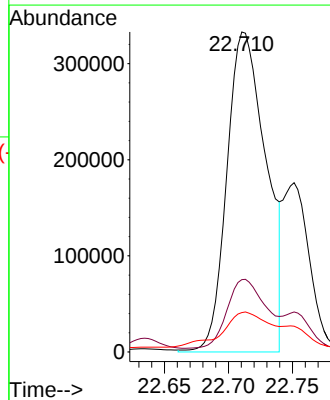
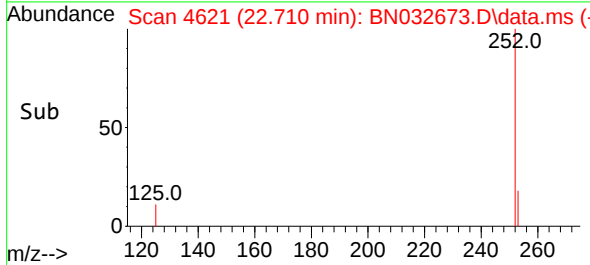
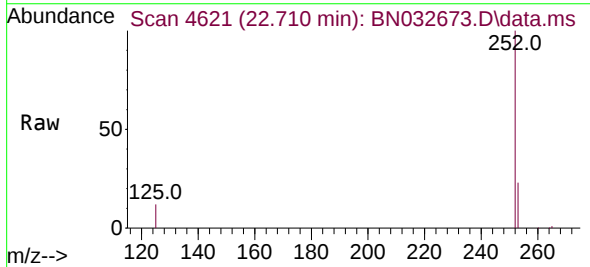
RT: 22.710 min Scan# 4621

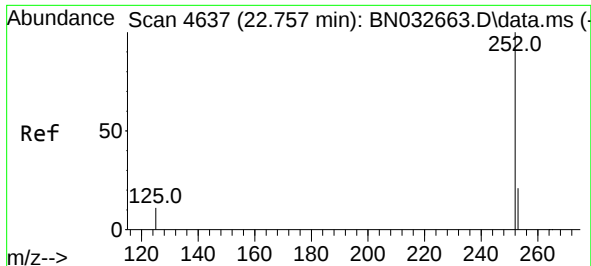
Delta R.T. -0.024 min

Lab File: BN032673.D

Acq: 12 Jul 2024 15:34

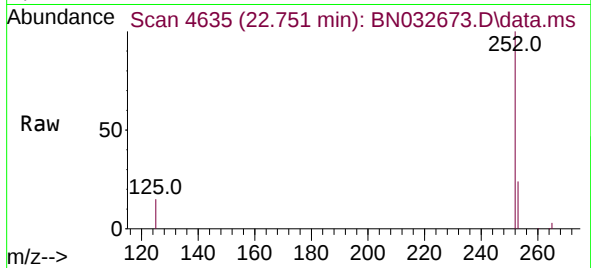
Tgt Ion:252	Resp: 710056
Ion Ratio	Lower Upper
252 100	
253 22.6	0.0 54.0
125 12.3	0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 3.436 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032673.D
Acq: 12 Jul 2024 15:34

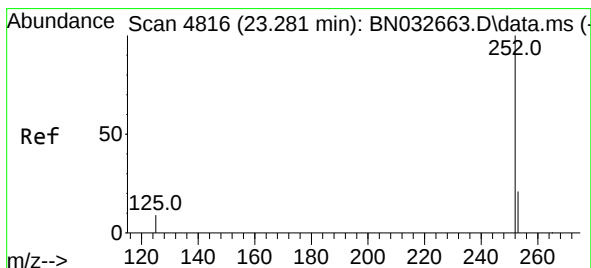
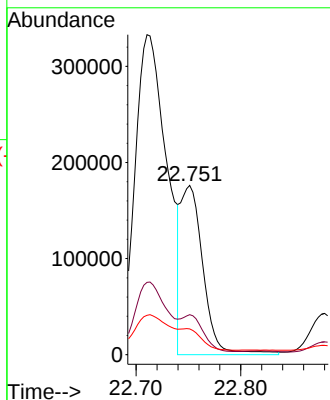
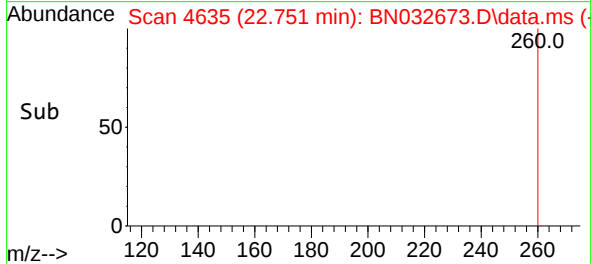
Instrument :
BNA_N
ClientSampleId :
A4BC6



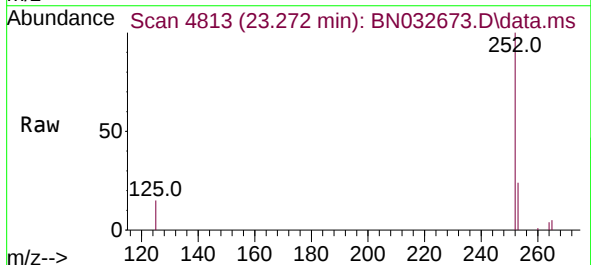
Tgt Ion:252 Resp: 262312
Ion Ratio Lower Upper
252 100
253 23.7 21.2 31.8
125 15.2 14.8 22.2

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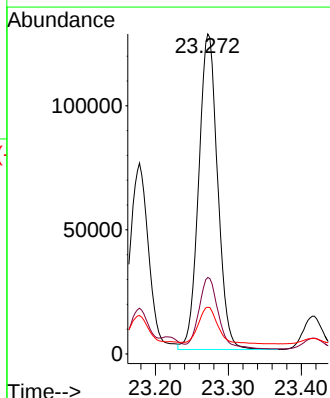
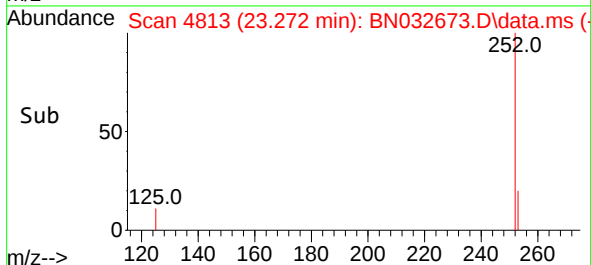
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

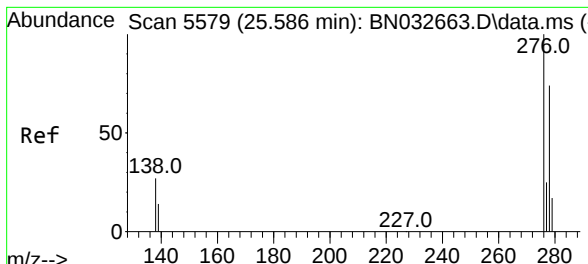


#26
Benzo(a)pyrene
Concen: 4.226 ng/ul
RT: 23.272 min Scan# 4813
Delta R.T. -0.038 min
Lab File: BN032673.D
Acq: 12 Jul 2024 15:34



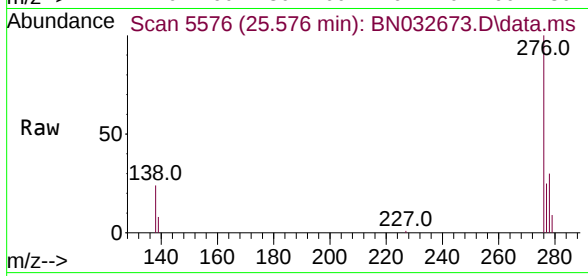
Tgt Ion:252 Resp: 229148
Ion Ratio Lower Upper
252 100
253 23.9 25.4 38.0#
125 14.6 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.279 ng/ul
 RT: 25.576 min Scan# 5576
 Delta R.T. -0.050 min
 Lab File: BN032673.D
 Acq: 12 Jul 2024 15:34

Instrument :
 BNA_N
 ClientSampleId :
 A4BC6

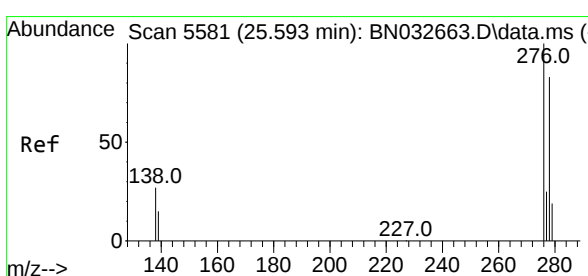
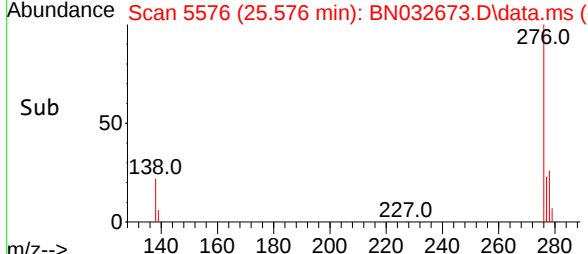
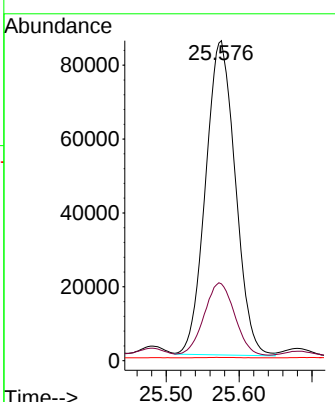


Tgt Ion: 276 Resp: 24070

Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.6	32.4
227	0.2	0.0	0.0

Manual Integrations
 APPROVED

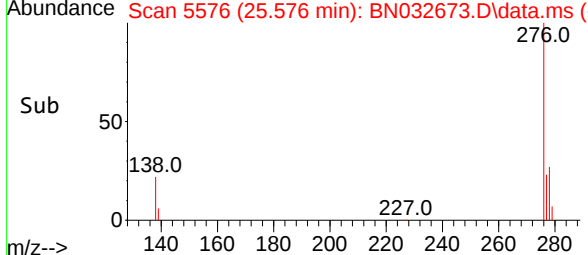
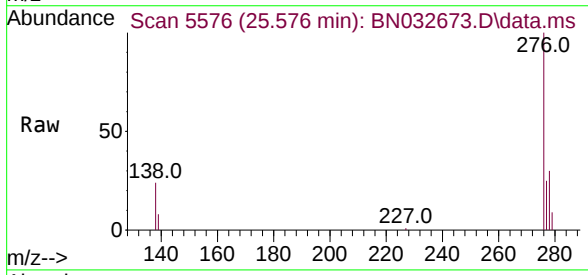
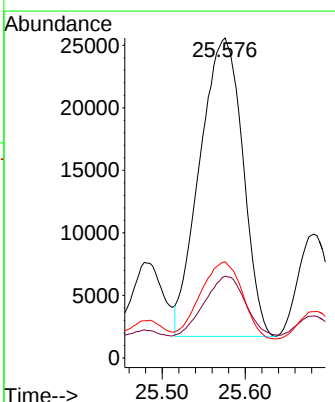
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

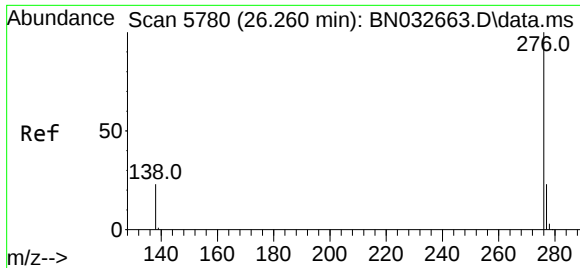


#28
 Dibenzo(a,h)anthracene
 Concen: 1.508 ng/ul
 RT: 25.576 min Scan# 5576
 Delta R.T. -0.064 min
 Lab File: BN032673.D
 Acq: 12 Jul 2024 15:34

Tgt Ion: 278 Resp: 85807

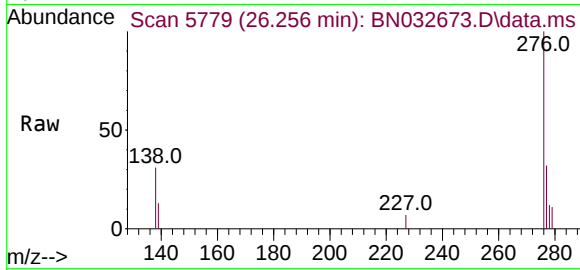
Ion	Ratio	Lower	Upper
278	100		
139	25.6	16.6	24.8
279	30.0	23.7	35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.551 ng/ul
 RT: 26.256 min Scan# 51
 Delta R.T. -0.044 min
 Lab File: BN032673.D
 Acq: 12 Jul 2024 15:34

Instrument :
 BNA_N
 ClientSampleId :
 A4BC6



Tgt Ion: 276 Resp: 3382

Ion	Ratio	Lower	Upper
276	100		
138	31.4	21.0	31.4
277	32.1	20.6	31.0

Manual Integrations
 APPROVED

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

