

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032643.D
 Acq On : 11 Jul 2024 19:33
 Operator : MA/JU
 Sample : P3035-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CW2MS

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 01:56:00 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	7.557	152	7348	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	23552	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	12670	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	23253	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.173	240	14850	0.400	ng/ul	#-0.02
23) Perylene-d12	23.371	264	20628	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	4028	0.457	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	13047	0.367	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	19622	0.405	ng/ul	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.139	88	12607	1.255	ng/ul	93
5) Naphthalene	10.376	128	56982	0.901	ng/ul	97
7) 2-Methylnaphthalene	11.998	142	27754	0.703	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	23664	0.580	ng/ul	99
10) Acenaphthylene	13.924	152	71603	1.399	ng/ul	99
11) Acenaphthene	14.267	153	42377	1.001	ng/ul	99
12) Fluorene	15.261	166	45504	0.940	ng/ul	99
14) Pentachlorophenol	16.627	266	4847	1.188	ng/ul	99
15) Phenanthrene	17.003	178	666443	10.524	ng/ul	99
16) Anthracene	17.096	178	141080	2.727	ng/ul	98
19) Fluoranthene	19.031	202	1427157	23.637	ng/ul	98
20) Pyrene	19.398	202	1018383	16.295	ng/ul	97
21) Benzo(a)anthracene	21.156	228	628605	13.298	ng/ul	98
22) Chrysene	21.211	228	745686	10.905	ng/ul	98
24) Benzo(b)fluoranthene	22.713	252	1106675m	15.205	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	417563m	4.708	ng/ul	
26) Benzo(a)pyrene	23.278	252	387960	6.159	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.582	276	419019	4.913	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.586	278	159388	2.411	ng/ul#	94
29) Benzo(g,h,i)perylene	26.266	276	60739	0.852	ng/ul#	89

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

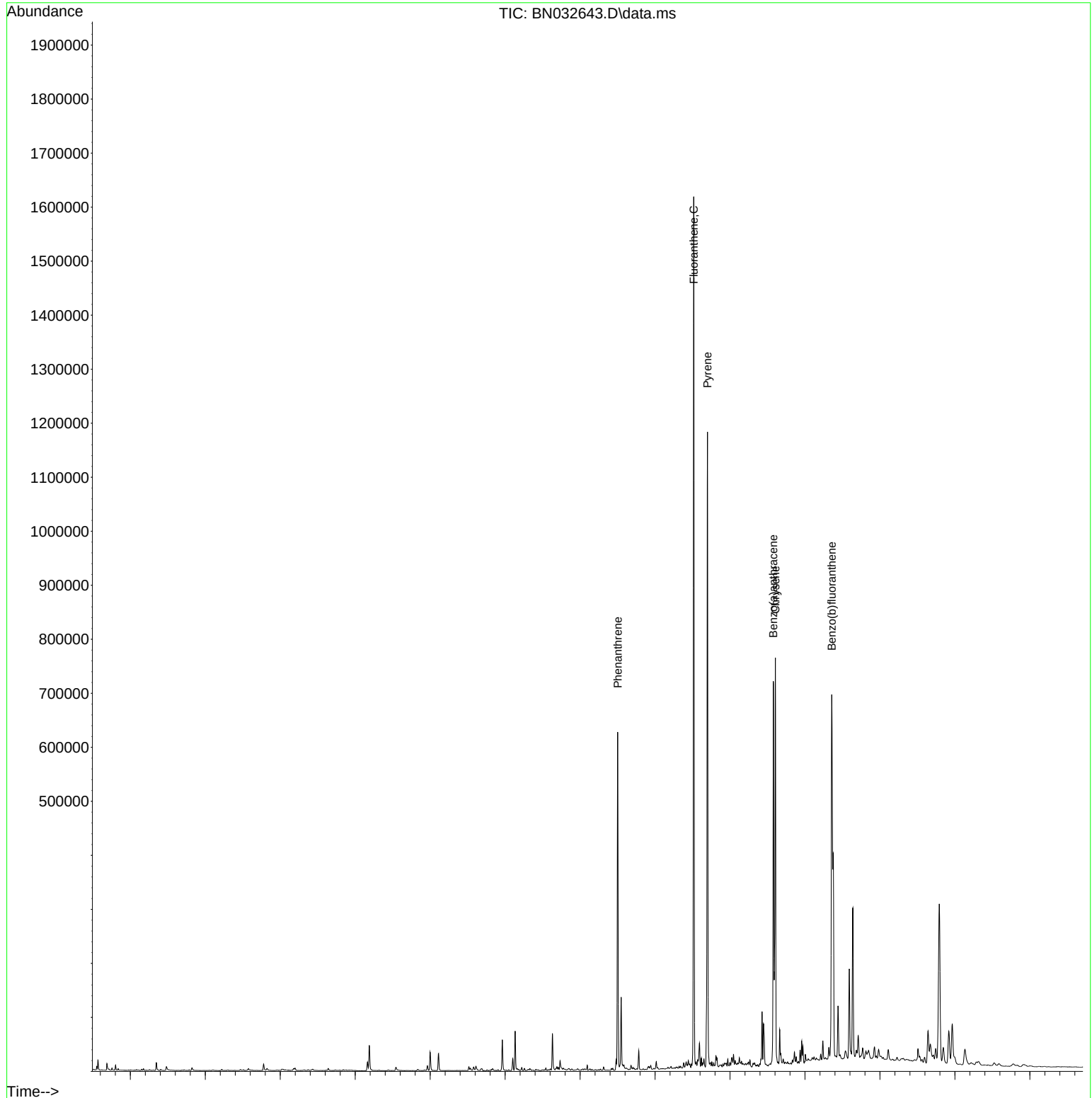
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032643.D
Acq On : 11 Jul 2024 19:33
Operator : MA/JU
Sample : P3035-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

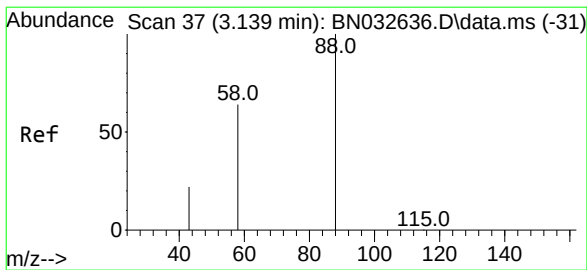
Instrument :
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ClientSampleId :
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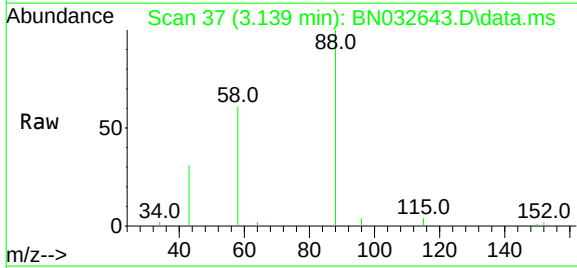
Quant Time: Jul 12 01:56:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.255 ng/ul
RT: 3.139 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

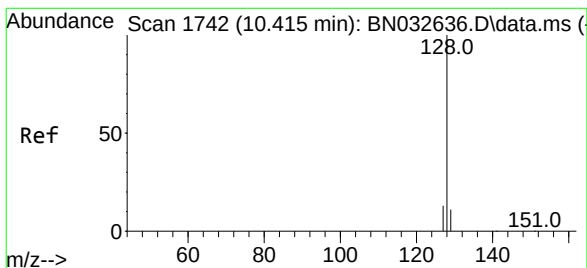
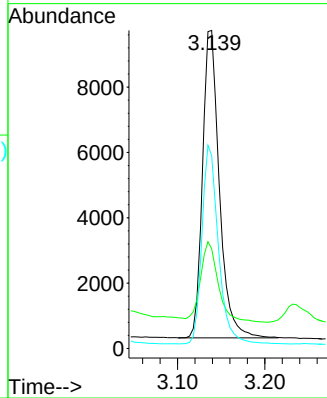
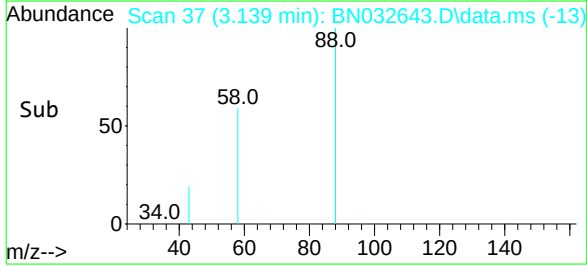
Instrument :
BNA_N
ClientSampleId :
A4CW2MS



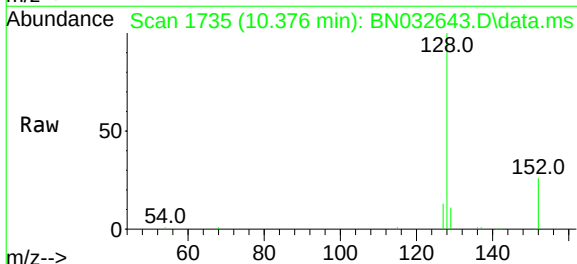
Tgt Ion: 88 Resp: 12607
Ion Ratio Lower Upper
88 100
43 31.4 24.0 36.0
58 60.6 43.3 64.9

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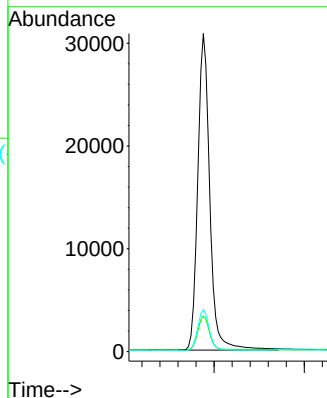
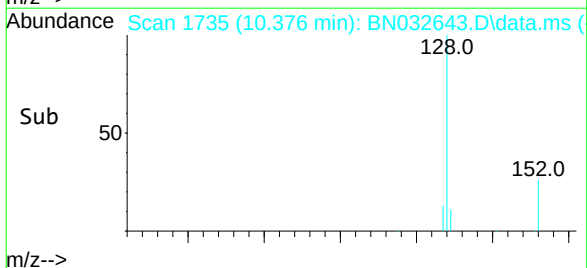
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

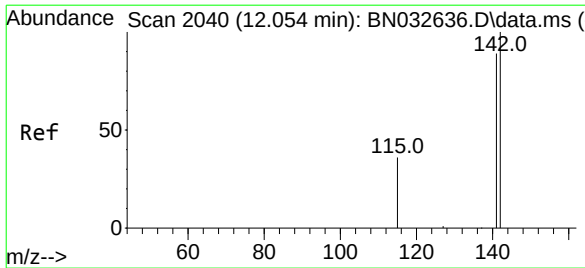


#5
Naphthalene
Concen: 0.901 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33



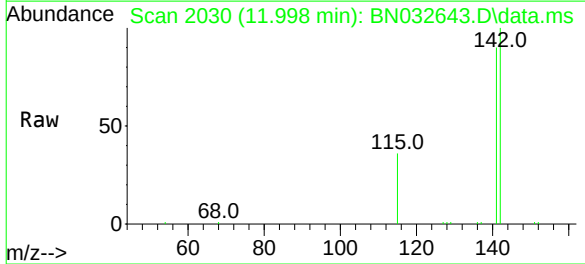
Tgt Ion:128 Resp: 56982
Ion Ratio Lower Upper
128 100
129 11.2 10.0 15.0
127 13.1 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.703 ng/u1
RT: 11.998 min Scan# 2070
Delta R.T. -0.050 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

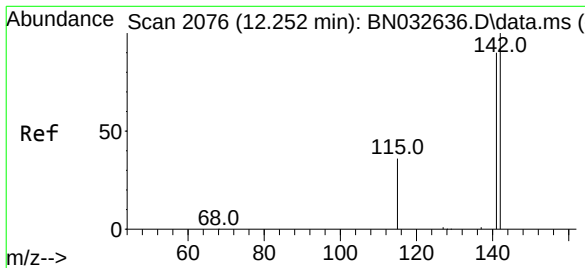
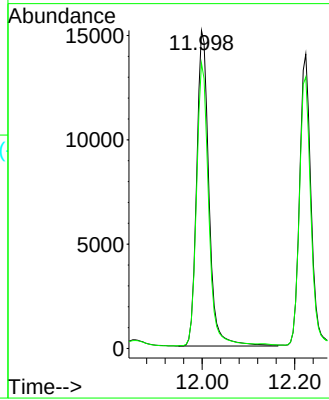
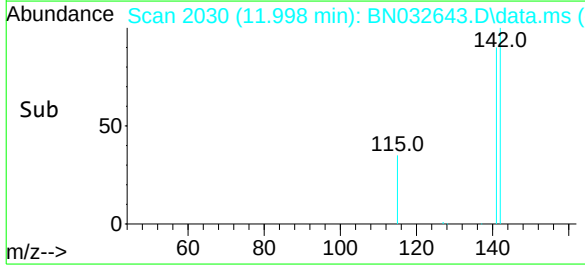
Instrument :
BNA_N
ClientSampleId :
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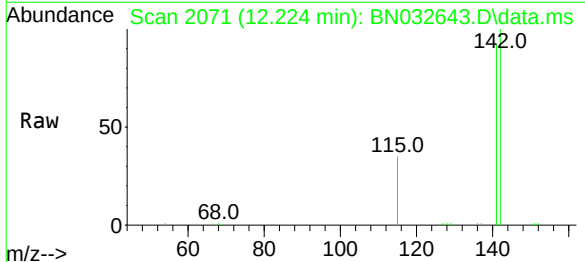
Tgt Ion:142 Resp: 27754
Ion Ratio Lower Upper
142 100
141 89.5 74.0 111.0

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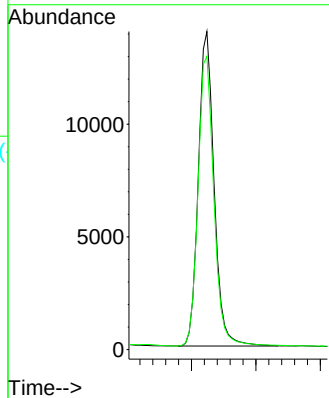
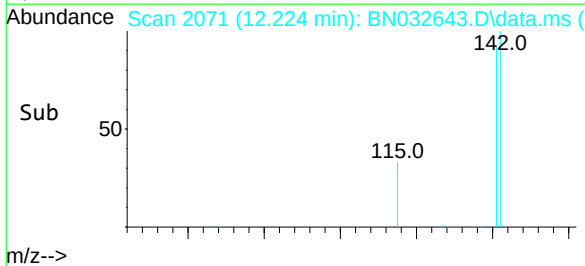
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

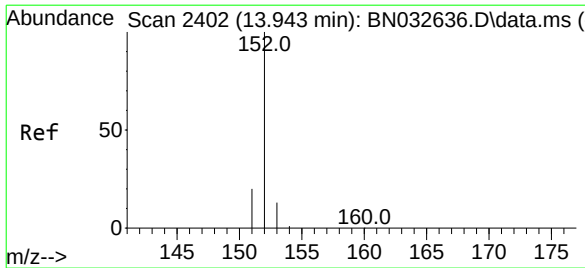


#8
1-Methylnaphthalene
Concen: 0.580 ng/u1
RT: 12.224 min Scan# 2071
Delta R.T. -0.022 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33



Tgt Ion:142 Resp: 23664
Ion Ratio Lower Upper
142 100
141 92.9 75.0 112.4





#10

Acenaphthylene

Concen: 1.399 ng/ul

RT: 13.924 min Scan# 23

Delta R.T. -0.019 min

Lab File: BN032643.D

Acq: 11 Jul 2024 19:33

Instrument :

BNA_N

ClientSampleId :

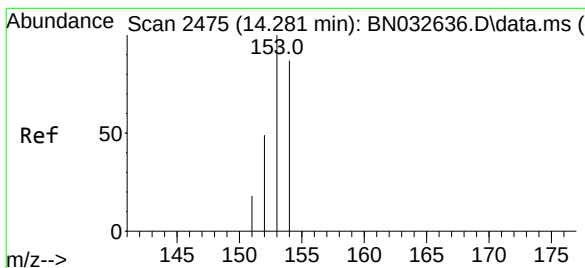
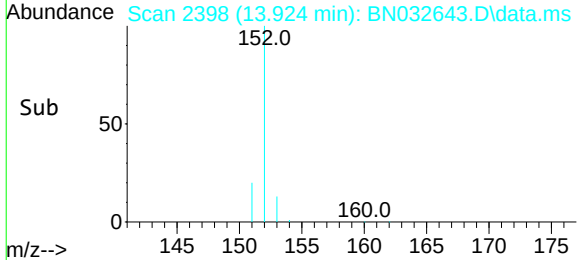
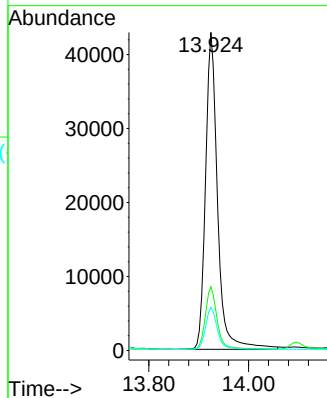
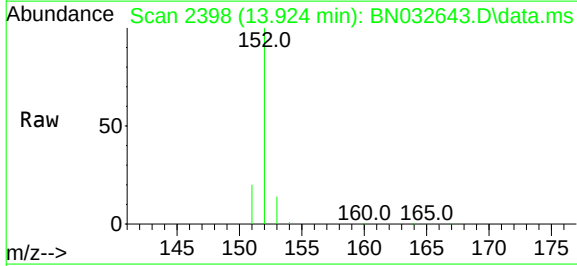
A4CW2MS

Tgt Ion:	152	Resp:	71603
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.3	24.5
153	13.6	11.3	16.9

Manual Integrations

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Supervised By :mohammad ahmed 07/16/2024



#11

Acenaphthene

Concen: 1.001 ng/ul

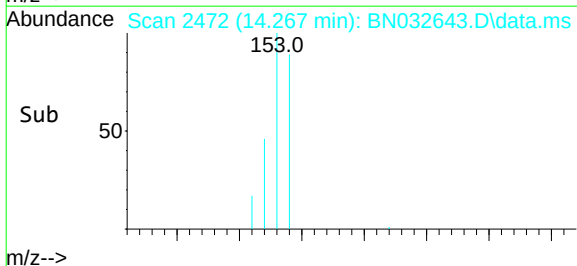
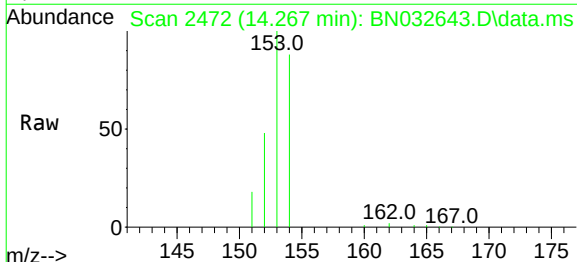
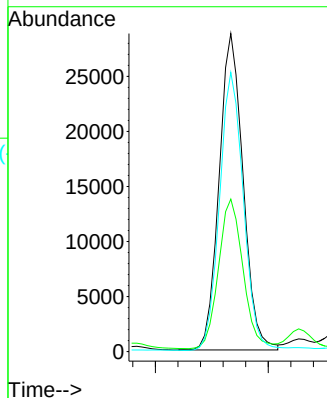
RT: 14.267 min Scan# 2472

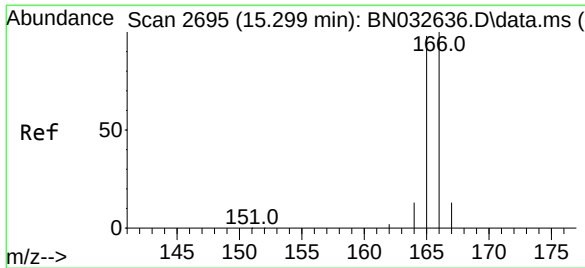
Delta R.T. -0.014 min

Lab File: BN032643.D

Acq: 11 Jul 2024 19:33

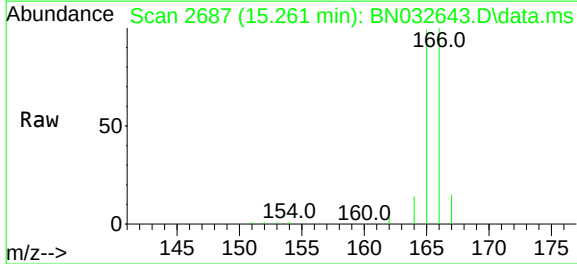
Tgt Ion:	153	Resp:	42377
Ion Ratio	Lower	Upper	
153	100		
152	48.0	40.0	60.0
154	87.8	70.2	105.4





#12
 Fluorene
 Concen: 0.940 ng/u1
 RT: 15.261 min Scan# 2691
 Delta R.T. -0.028 min
 Lab File: BN032643.D
 Acq: 11 Jul 2024 19:33

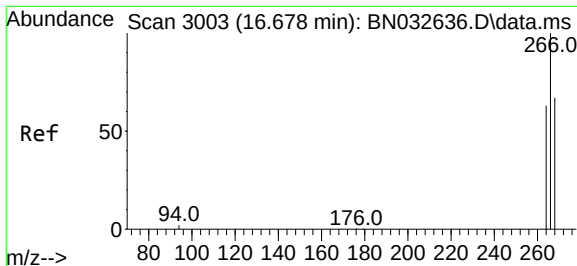
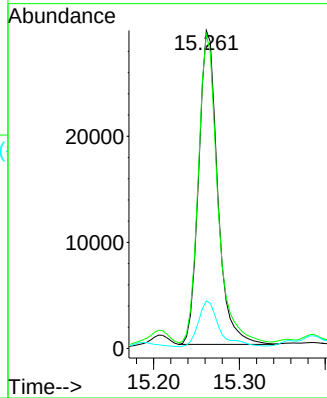
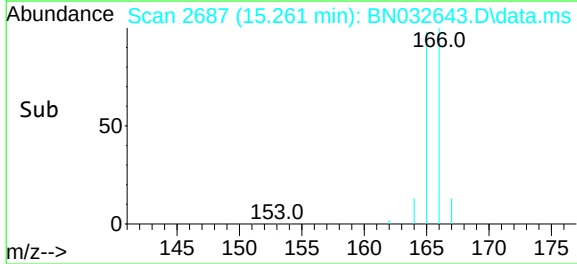
Instrument :
 BNA_N
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 A4CW2MS



Tgt Ion:	166	Resp:	45504
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.7	119.5
167	14.9	11.4	17.2

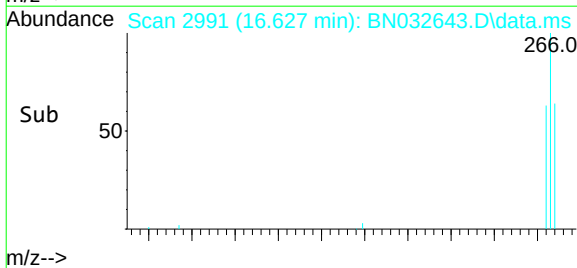
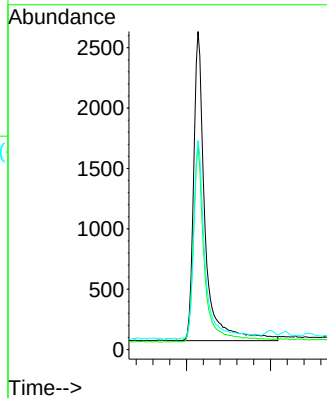
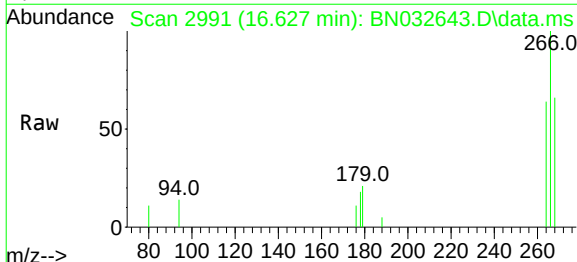
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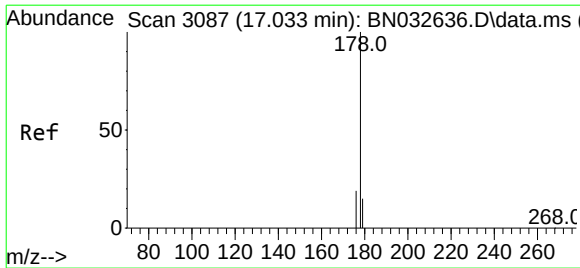
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



#14
 Pentachlorophenol
 Concen: 1.188 ng/u1
 RT: 16.627 min Scan# 2991
 Delta R.T. -0.042 min
 Lab File: BN032643.D
 Acq: 11 Jul 2024 19:33

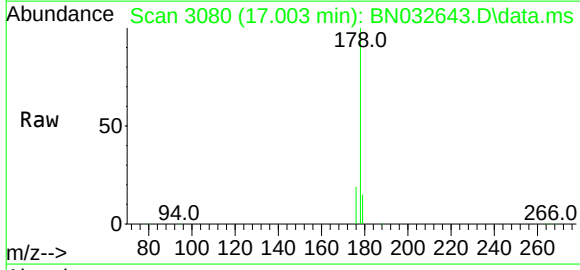
Tgt Ion:	266	Resp:	4847
Ion Ratio	Lower	Upper	
266	100		
264	62.8	49.4	74.2
268	63.7	51.6	77.4





#15
Phenanthrene
Concen: 10.524 ng/u1
RT: 17.003 min Scan# 3087
Delta R.T. -0.025 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

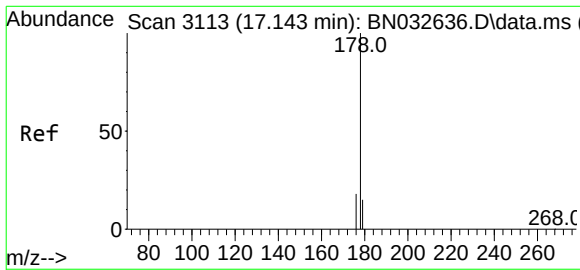
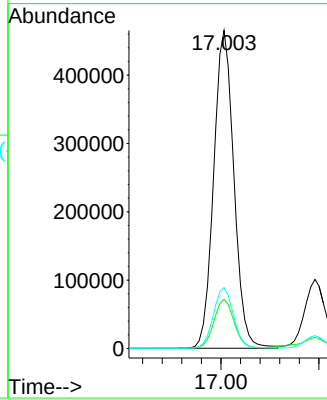
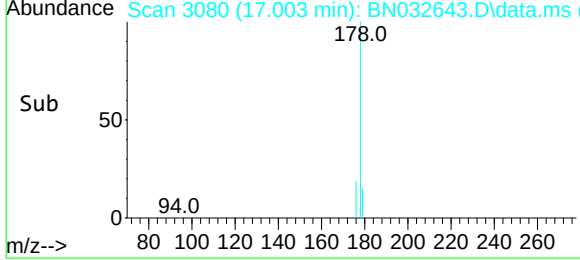
Instrument :
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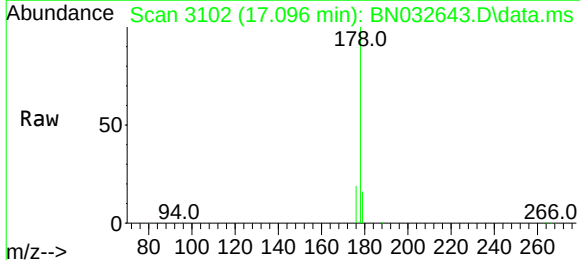
Tgt Ion:178 Resp: 666443
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.1 15.6 23.4

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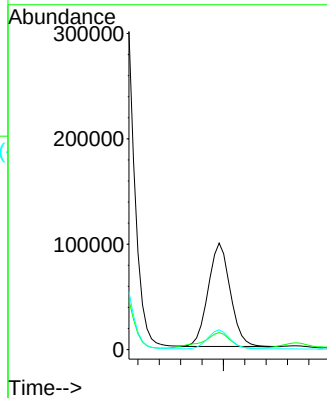
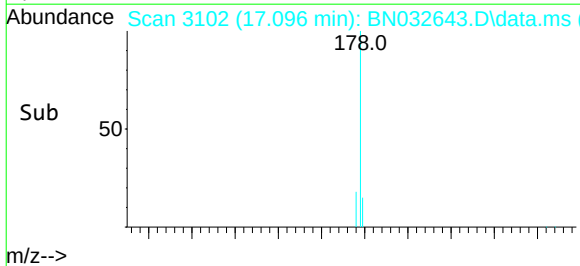
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

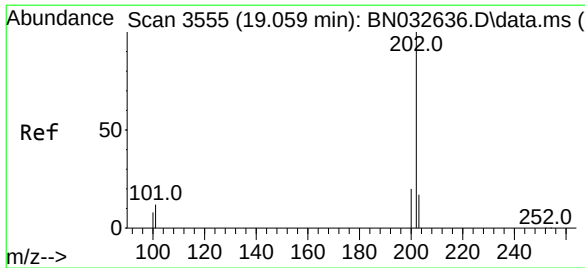


#16
Anthracene
Concen: 2.727 ng/u1
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33



Tgt Ion:178 Resp: 141080
Ion Ratio Lower Upper
178 100
179 16.0 13.4 20.2
176 18.6 15.4 23.0





#19

Fluoranthene

Concen: 23.637 ng/u1

RT: 19.031 min Scan# 35

Delta R.T. -0.023 min

Lab File: BN032643.D

Acq: 11 Jul 2024 19:33

Instrument :

BNA_N

ClientSampleId :

A4CW2MS

Tgt Ion:202 Resp: 1427157

Ion Ratio Lower Upper

202 100

101 11.8 9.8 14.8

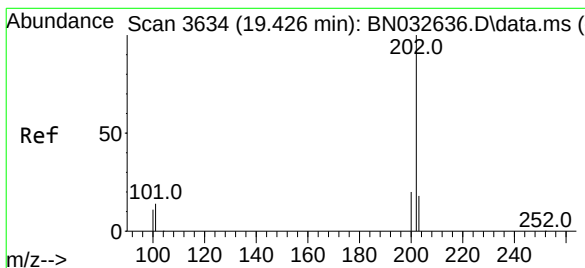
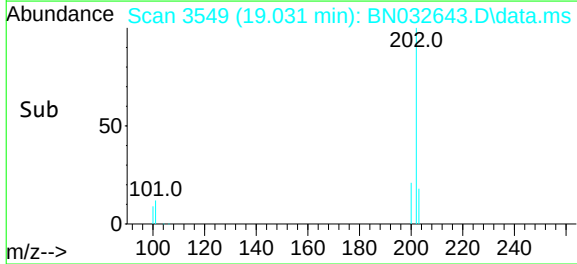
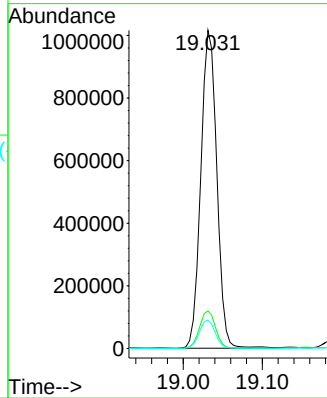
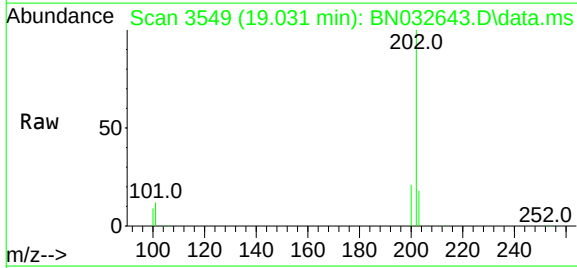
100 8.9 7.9 11.9

Manual Integrations

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Supervised By :mohammad ahmed 07/16/2024



#20

Pyrene

Concen: 16.295 ng/u1

RT: 19.398 min Scan# 3628

Delta R.T. -0.023 min

Lab File: BN032643.D

Acq: 11 Jul 2024 19:33

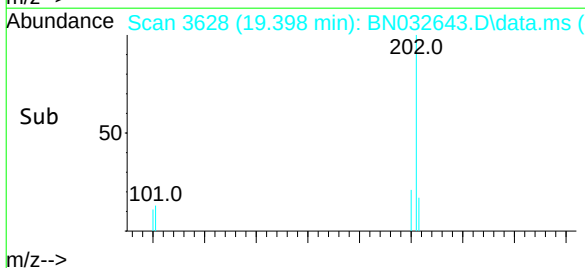
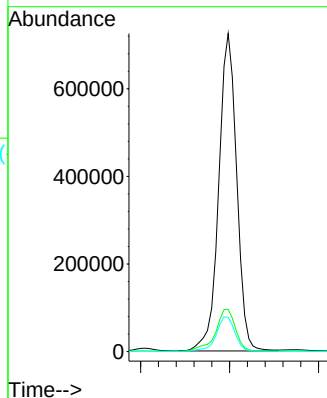
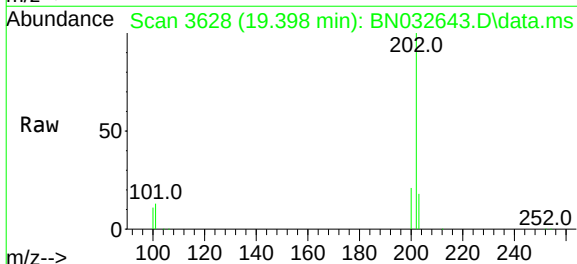
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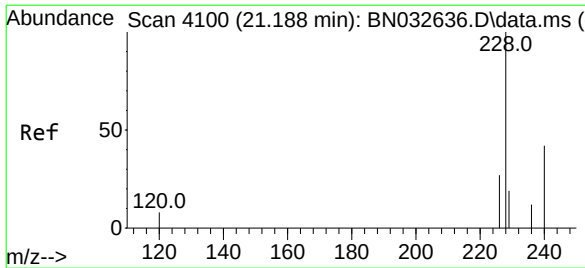
Ion Ratio Lower Upper

202 100

101 13.3 11.8 17.6

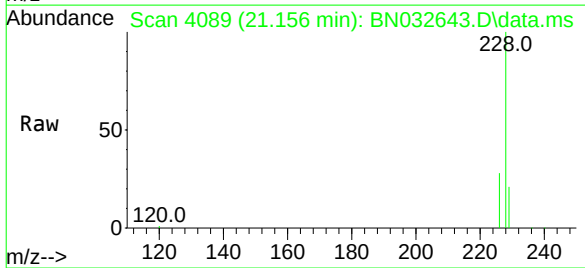
100 10.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 13.298 ng/u1
RT: 21.156 min Scan# 4089
Delta R.T. -0.026 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

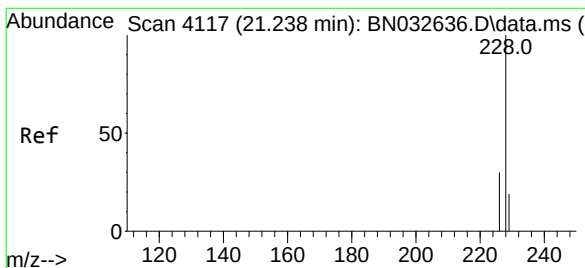
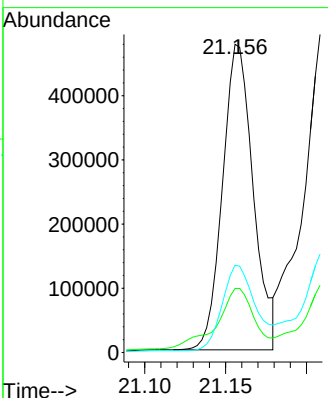
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	228	Resp:	628605
Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.1	24.1
226	28.3	21.9	32.9

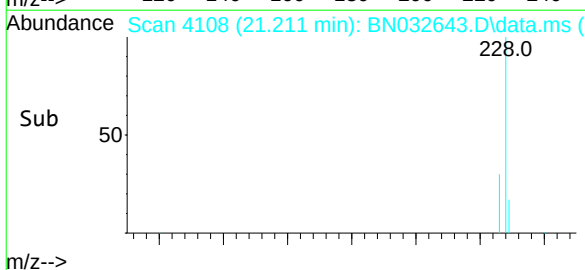
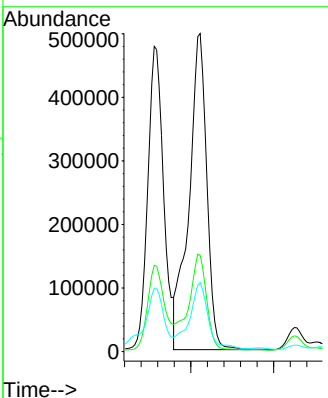
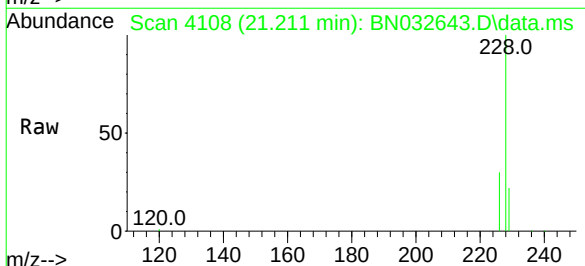
Manual Integrations
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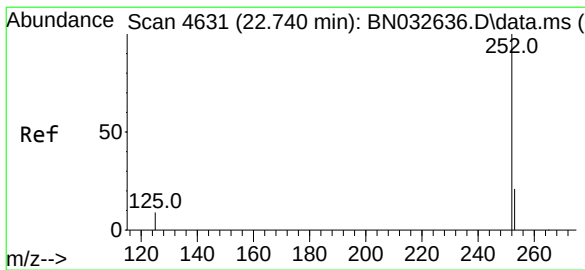
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 10.905 ng/u1
RT: 21.211 min Scan# 4108
Delta R.T. -0.021 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

Tgt Ion:	228	Resp:	745686
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	21.7	15.8	23.6





#24

Benzo(b)fluoranthene

Concen: 15.205 ng/u1 m

RT: 22.713 min Scan# 46

Delta R.T. -0.021 min

Lab File: BN032643.D

Acq: 11 Jul 2024 19:33

Instrument :

BNA_N

ClientSampleId :

A4CW2MS

Tgt Ion:252 Resp: 1106675

Ion Ratio Lower Upper

252 100

253 22.9 0.0 54.0

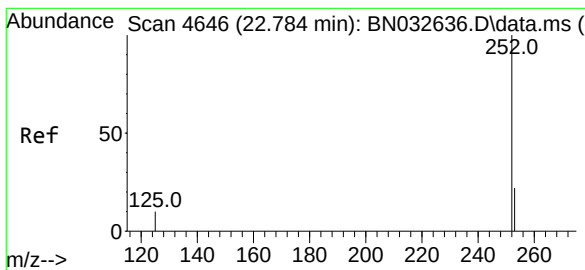
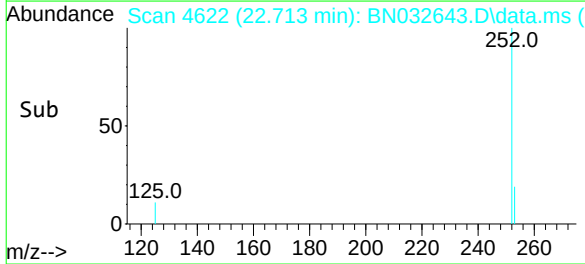
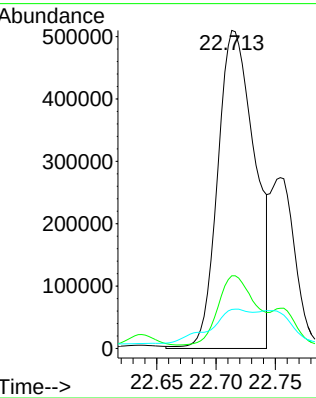
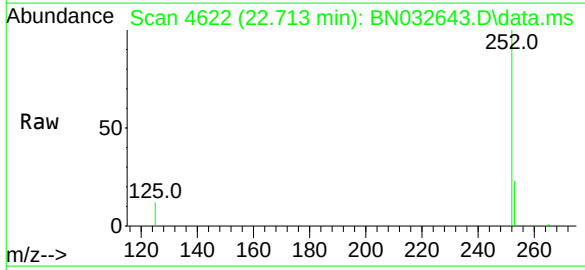
125 12.3 0.0 36.0

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Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/16/2024



#25

Benzo(k)fluoranthene

Concen: 4.708 ng/u1 m

RT: 22.754 min Scan# 4636

Delta R.T. -0.024 min

Lab File: BN032643.D

Acq: 11 Jul 2024 19:33

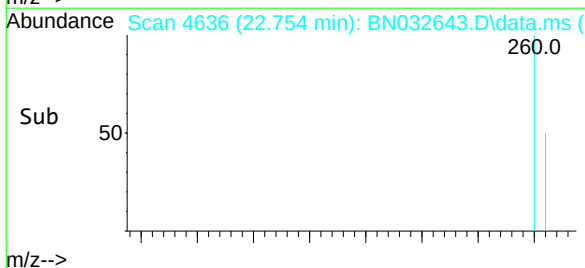
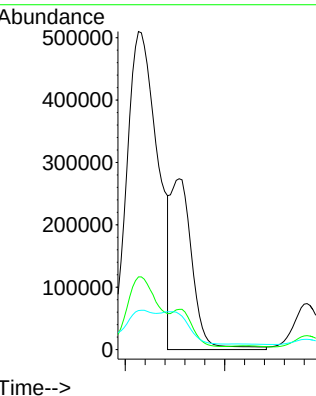
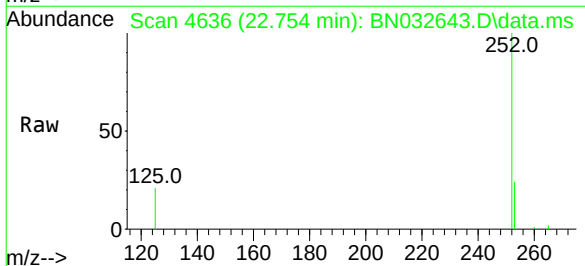
Tgt Ion:252 Resp: 417563

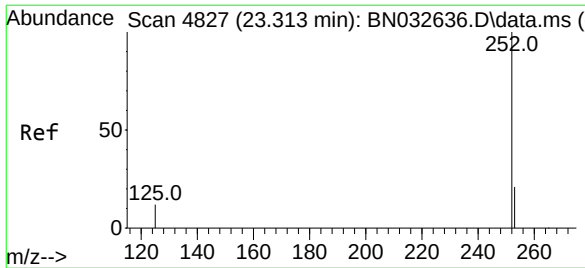
Ion Ratio Lower Upper

252 100

253 23.6 21.2 31.8

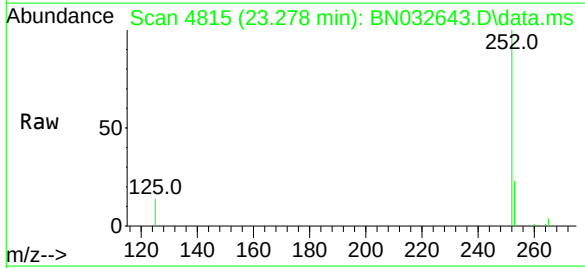
125 20.8 14.8 22.2





#26
Benzo(a)pyrene
Concen: 6.159 ng/u1
RT: 23.278 min Scan# 4815
Delta R.T. -0.032 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

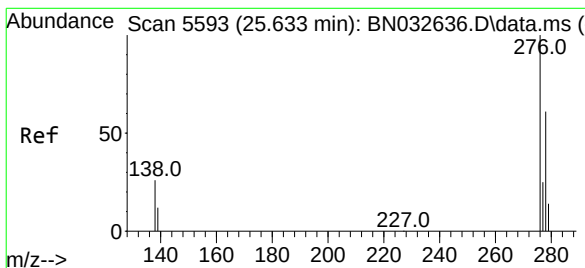
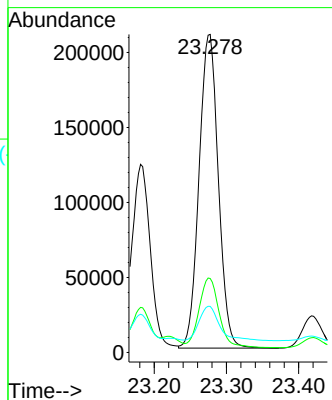
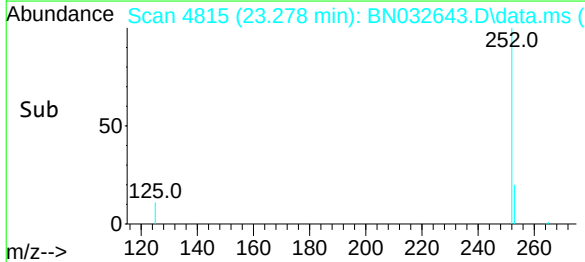
Instrument :
BNA_N
ClientSampleId :
A4CW2MS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	25.4	38.0
125	14.5	20.6	30.8

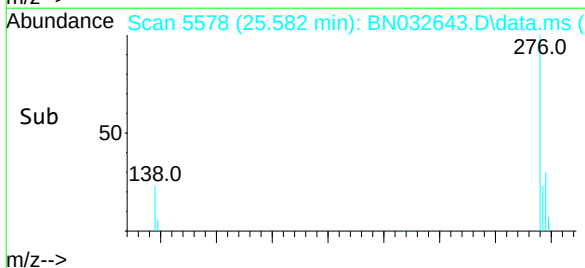
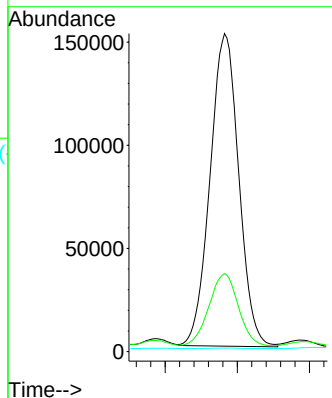
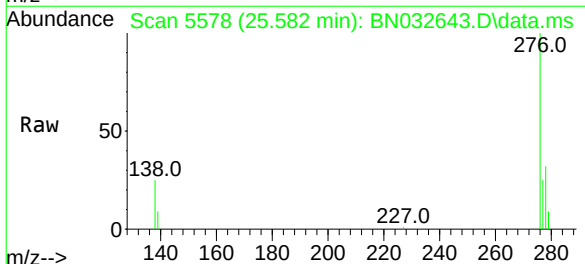
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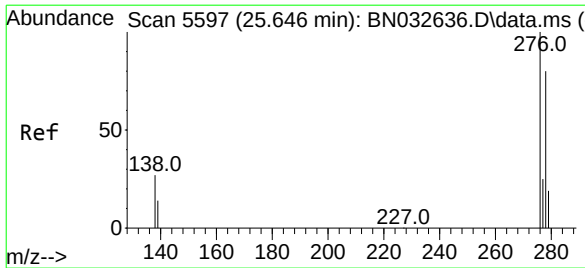
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.913 ng/u1
RT: 25.582 min Scan# 5578
Delta R.T. -0.044 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

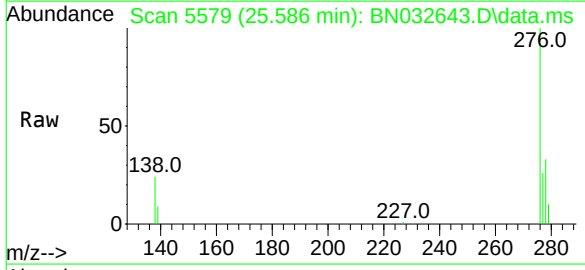
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.6	32.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 2.411 ng/ul
RT: 25.586 min Scan# 5597
Delta R.T. -0.054 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33

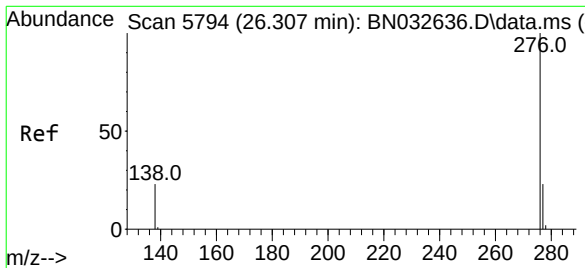
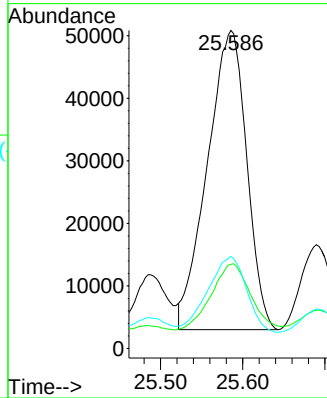
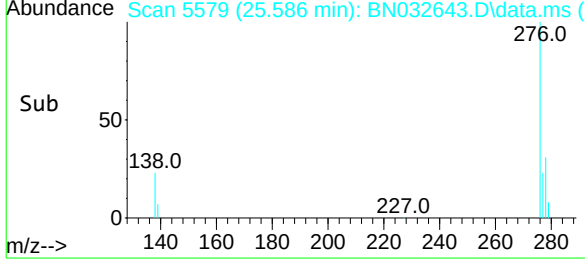
Instrument :
BNA_N
ClientSampleId :
A4CW2MS



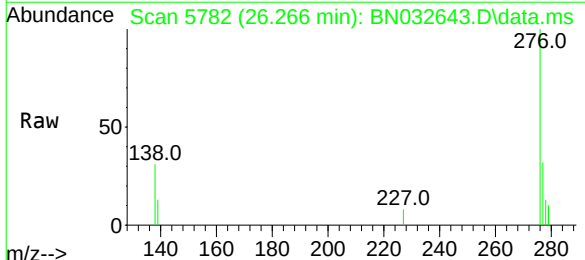
Tgt Ion: 278 Resp: 159388
Ion Ratio Lower Upper
278 100
139 26.4 16.6 24.8#
279 29.0 23.7 35.5

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



#29
Benzo(g,h,i)perylene
Concen: 0.852 ng/ul
RT: 26.266 min Scan# 5782
Delta R.T. -0.034 min
Lab File: BN032643.D
Acq: 11 Jul 2024 19:33



Tgt Ion: 276 Resp: 60739
Ion Ratio Lower Upper
276 100
138 31.2 21.0 31.4
277 32.3 20.6 31.0#

