

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032646.D
 Acq On : 11 Jul 2024 21:21
 Operator : MA/JU
 Sample : P3035-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX0

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 01:56:32 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	7312	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	23327	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	13098	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	21785m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	14374m	0.400	ng/ul	-0.02
23) Perylene-d12	23.365	264	16806m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	29421	3.351	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	9291	0.264	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	13307m	0.284	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.376	128	10998	0.176	ng/ul	98
7) 2-Methylnaphthalene	12.004	142	3584	0.092	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	3231	0.080	ng/ul	98
10) Acenaphthylene	13.925	152	23219	0.439	ng/ul	99
11) Acenaphthene	14.267	153	13411	0.306	ng/ul	99
12) Fluorene	15.262	166	17711	0.354	ng/ul	99
15) Phenanthrene	17.003	178	396532m	6.684	ng/ul	
16) Anthracene	17.096	178	59388m	1.225	ng/ul	
19) Fluoranthene	19.031	202	835265m	14.292	ng/ul	
20) Pyrene	19.399	202	563079m	9.308	ng/ul	
21) Benzo(a)anthracene	21.153	228	327113m	7.149	ng/ul	
22) Chrysene	21.209	228	408610m	6.173	ng/ul	
24) Benzo(b)fluoranthene	22.710	252	561664m	9.472	ng/ul	
25) Benzo(k)fluoranthene	22.749	252	211737m	2.930	ng/ul	
26) Benzo(a)pyrene	23.269	252	198080m	3.860	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.576	276	205576m	2.959	ng/ul	
28) Dibenzo(a,h)anthracene	25.579	278	70350m	1.306	ng/ul	
29) Benzo(g,h,i)perylene	26.260	276	30249m	0.521	ng/ul	

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

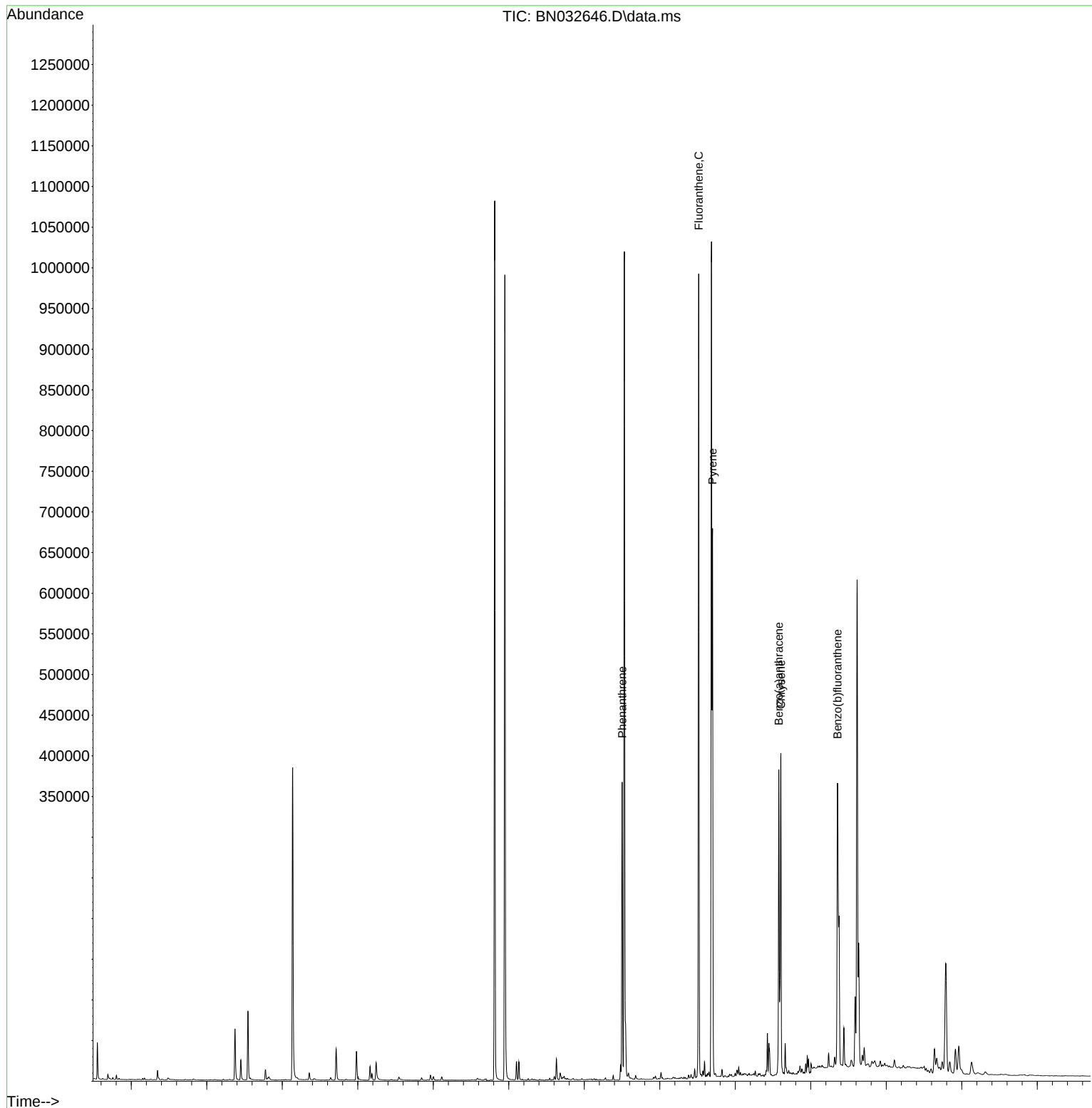
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032646.D
Acq On : 11 Jul 2024 21:21
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ALS Vial : 22 Sample Multiplier: 1

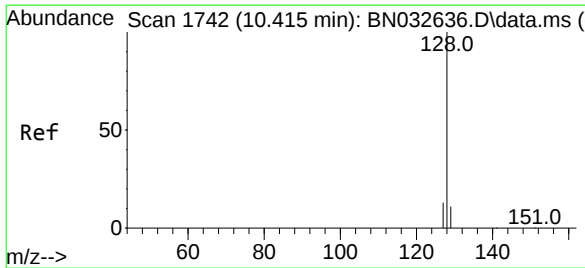
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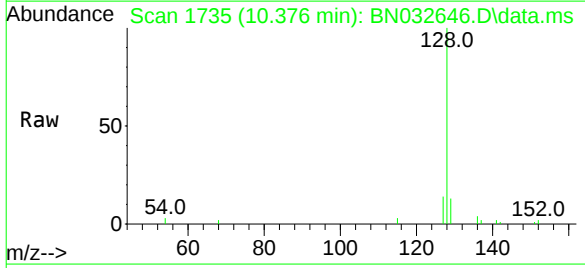
Quant Time: Jul 12 01:56:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





Naphthalene
 Concen: 0.176 ng/ul
 RT: 10.376 min Scan# 1742
 Delta R.T. -0.033 min
 Lab File: BN032646.D
 Acq: 11 Jul 2024 21:21

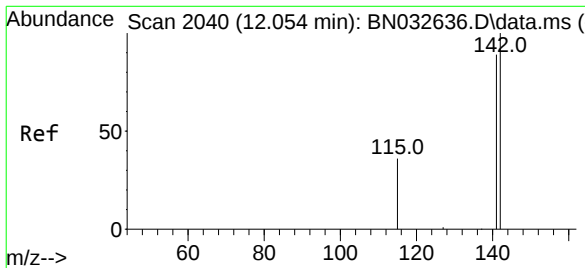
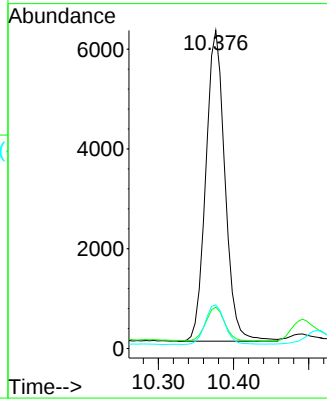
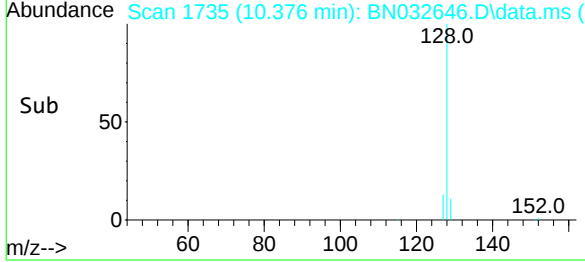
Instrument : BNA_N
 ClientSampleId : A4CX0



Tgt Ion:	128	Resp:	10998
Ion Ratio	Lower	Upper	
128	100		
129	13.0	10.0	15.0
127	13.7	11.6	17.4

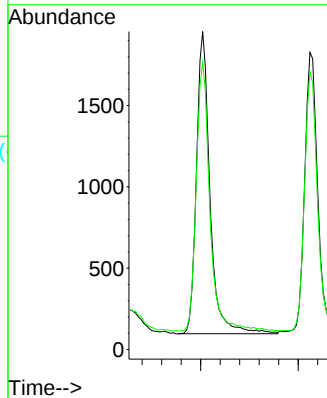
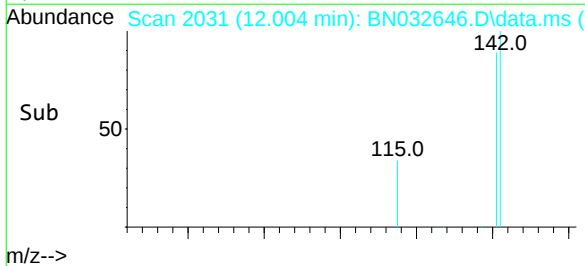
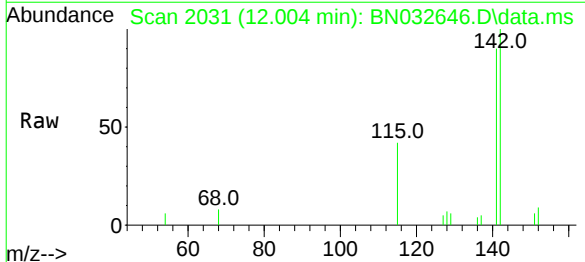
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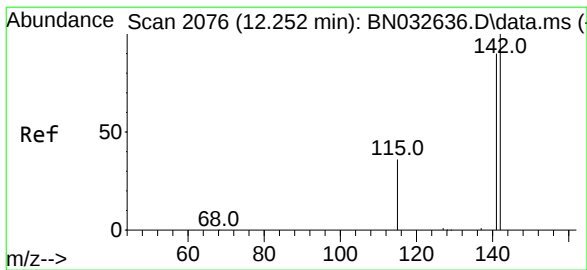
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



2-Methylnaphthalene
 Concen: 0.092 ng/ul
 RT: 12.004 min Scan# 2031
 Delta R.T. -0.044 min
 Lab File: BN032646.D
 Acq: 11 Jul 2024 21:21

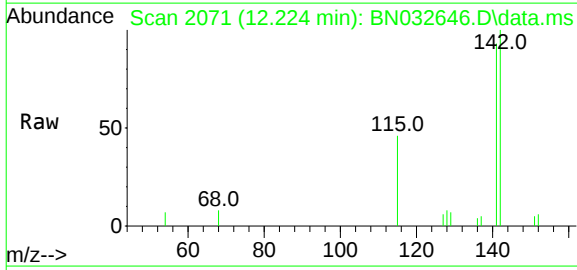
Tgt Ion:	142	Resp:	3584
Ion Ratio	Lower	Upper	
142	100		
141	89.3	74.0	111.0





#8
1-Methylnaphthalene
Concen: 0.080 ng/u1
RT: 12.224 min Scan# 2076
Delta R.T. -0.022 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

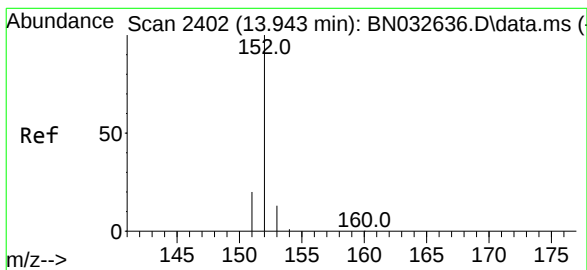
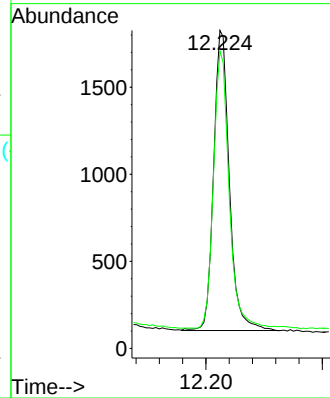
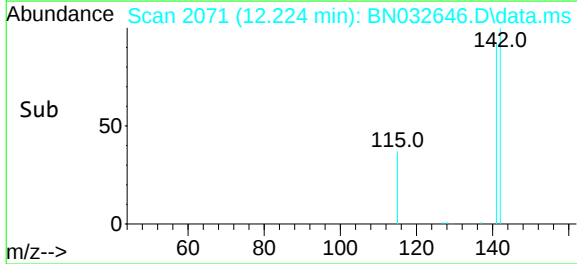
Instrument :
BNA_N
ClientSampleId :
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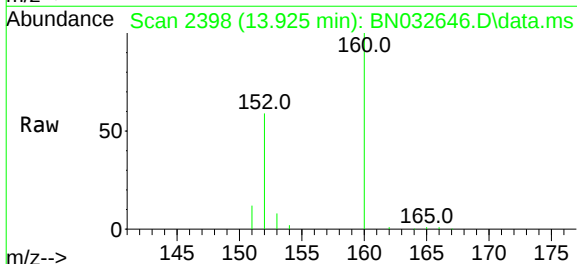
Tgt Ion:142 Resp: 3231
Ion Ratio Lower Upper
142 100
141 91.6 75.0 112.4

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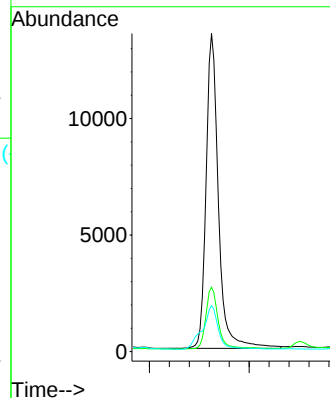
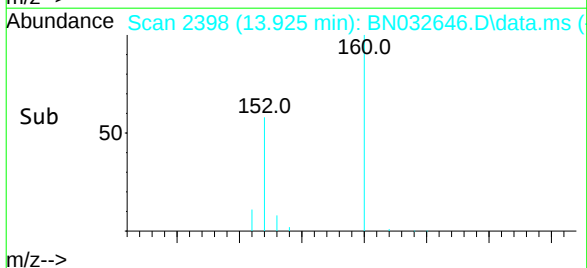
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

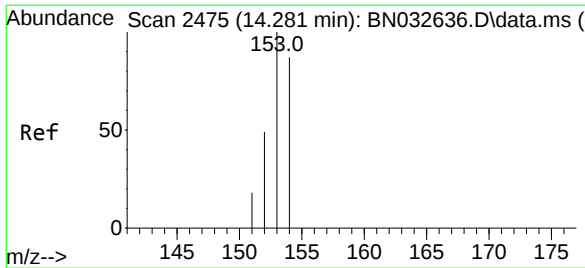


#10
Acenaphthylene
Concen: 0.439 ng/u1
RT: 13.925 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21



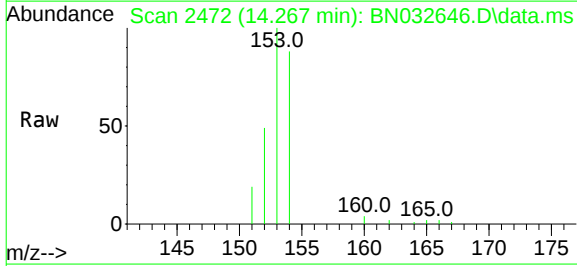
Tgt Ion:152 Resp: 23219
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.4 11.3 16.9





#11
Acenaphthene
Concen: 0.306 ng/u1
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

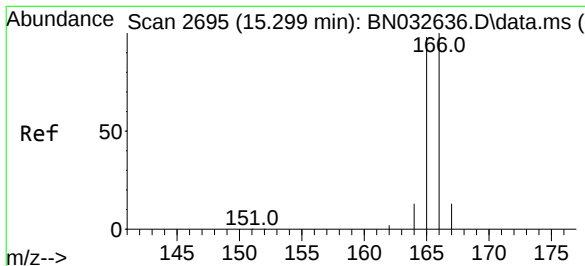
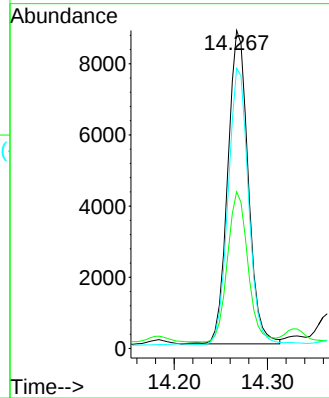
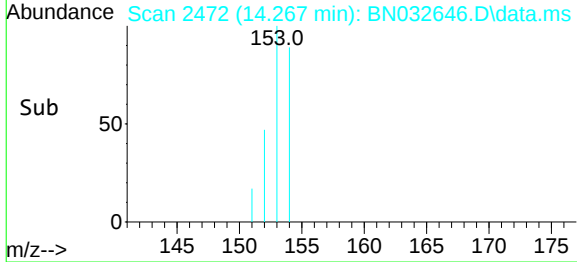
Instrument :
BNA_N
ClientSampleId :
A4CX0



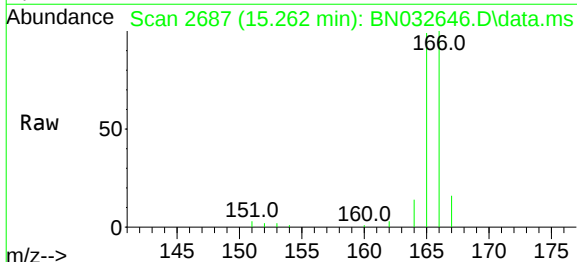
Tgt Ion:153 Resp: 13411
Ion Ratio Lower Upper
153 100
152 49.3 40.0 60.0
154 88.1 70.2 105.4

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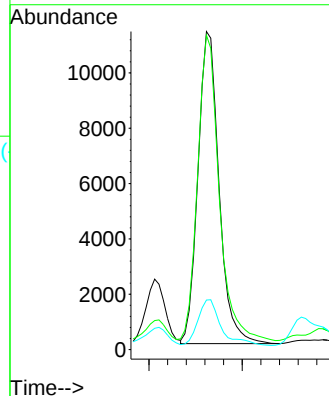
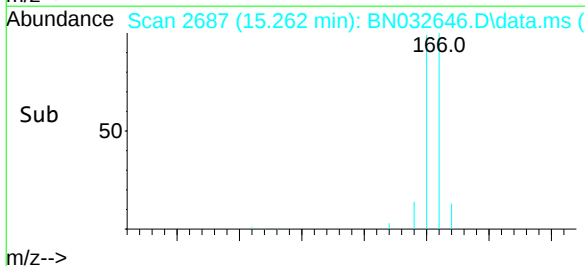
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

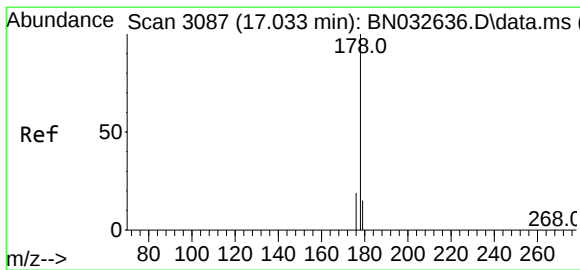


#12
Fluorene
Concen: 0.354 ng/u1
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21



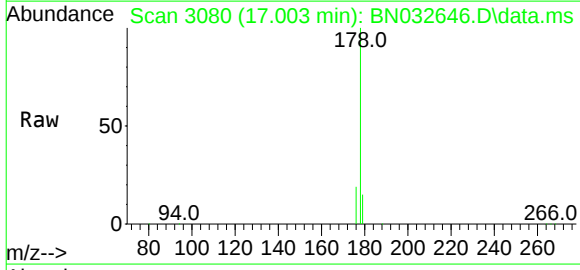
Tgt Ion:166 Resp: 17711
Ion Ratio Lower Upper
166 100
165 98.9 79.7 119.5
167 15.6 11.4 17.2





#15
Phenanthrene
Concen: 6.684 ng/u1 m
RT: 17.003 min Scan# 3087
Delta R.T. -0.025 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

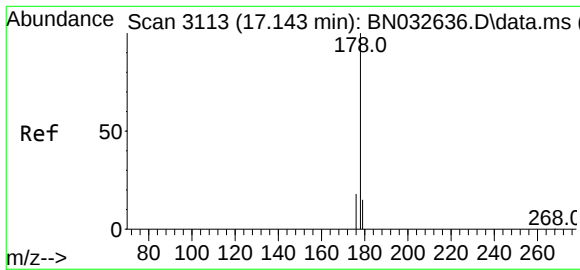
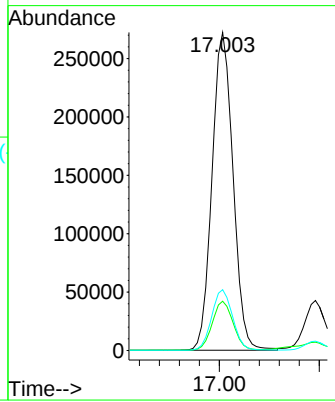
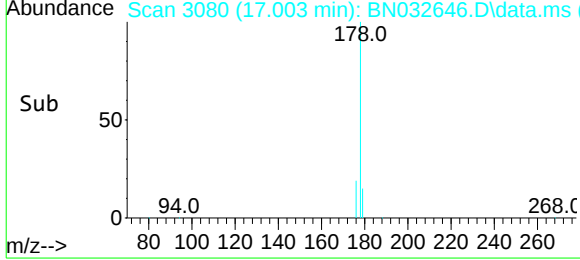
Instrument : BNA_N
ClientSampleId : A4CX0



Tgt Ion:	178	Resp:	396532
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.0	19.4
176	19.1	15.6	23.4

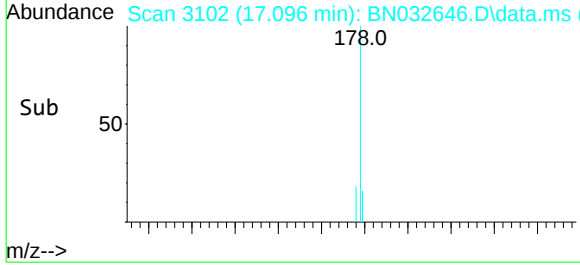
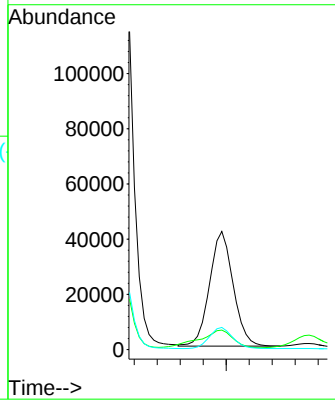
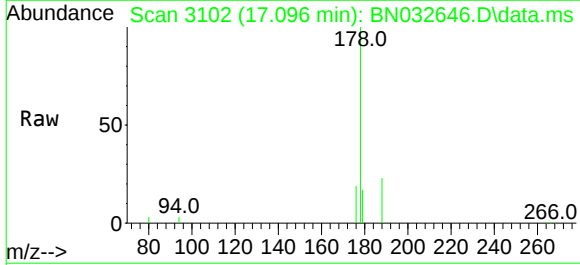
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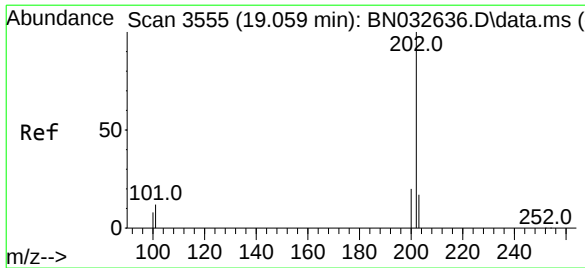
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 1.225 ng/u1 m
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

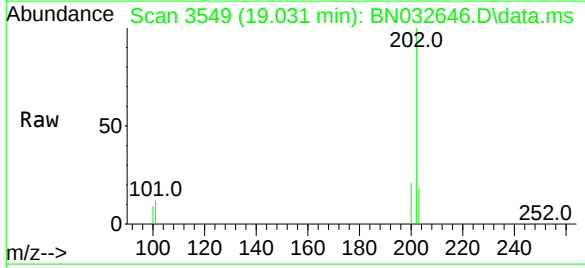
Tgt Ion:	178	Resp:	59388
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.4	20.2
176	18.7	15.4	23.0





#19
Fluoranthene
Concen: 14.292 ng/u1 m
RT: 19.031 min Scan# 35
Delta R.T. -0.023 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

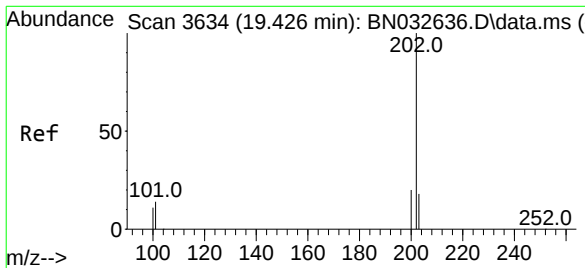
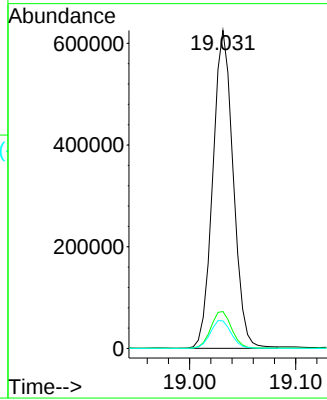
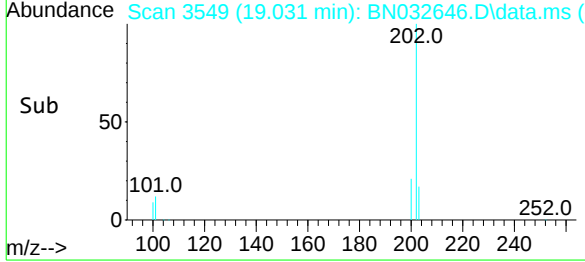
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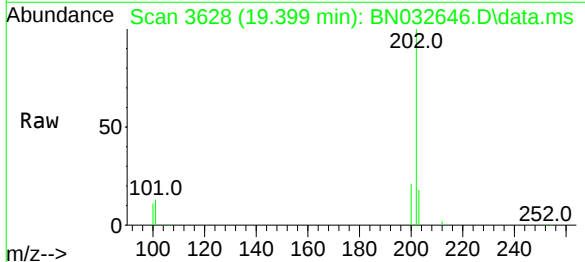
Tgt Ion:202 Resp: 835265
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 8.7 7.9 11.9

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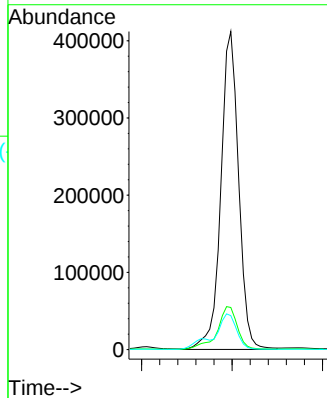
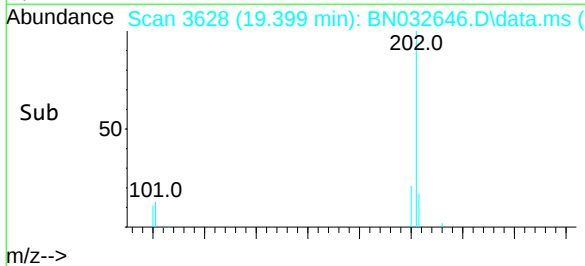
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

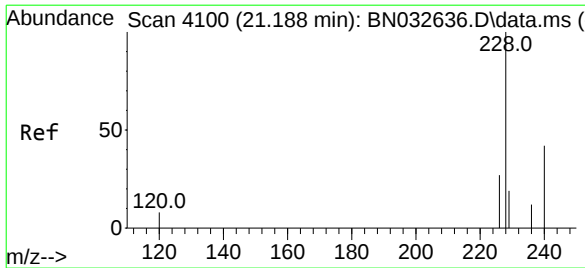


#20
Pyrene
Concen: 9.308 ng/u1 m
RT: 19.399 min Scan# 3628
Delta R.T. -0.023 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21



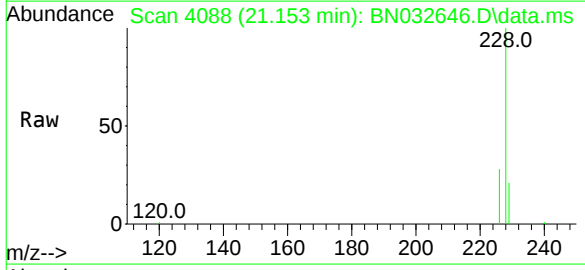
Tgt Ion:202 Resp: 563079
Ion Ratio Lower Upper
202 100
101 13.2 11.8 17.6
100 10.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 7.149 ng/ul m
RT: 21.153 min Scan# 4088
Delta R.T. -0.029 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

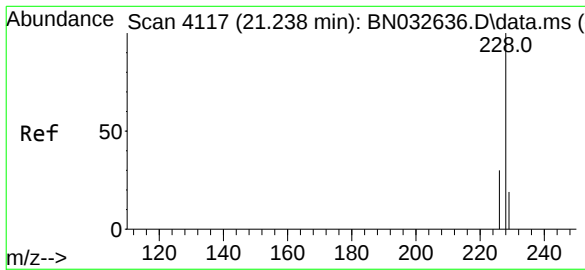
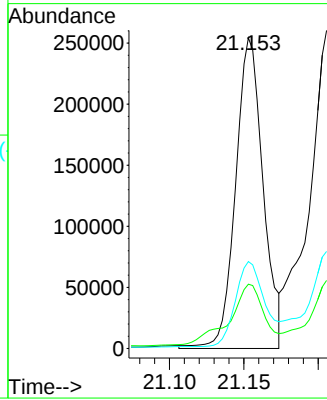
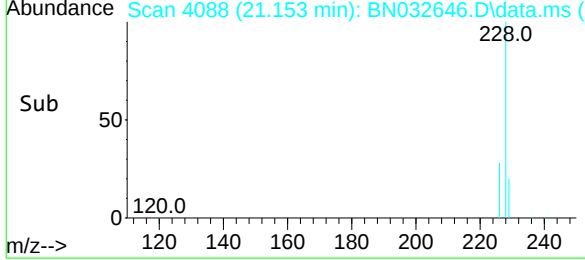
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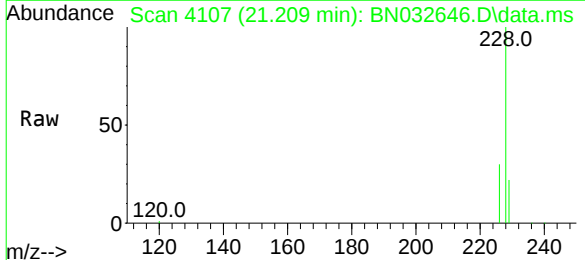
Tgt Ion:228 Resp: 327113
Ion Ratio Lower Upper
228 100
229 20.7 16.1 24.1
226 28.0 21.9 32.9

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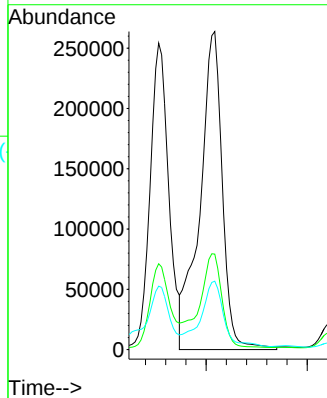
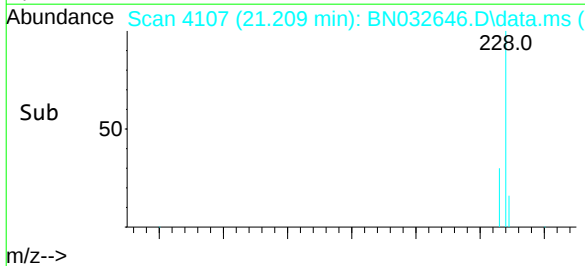
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

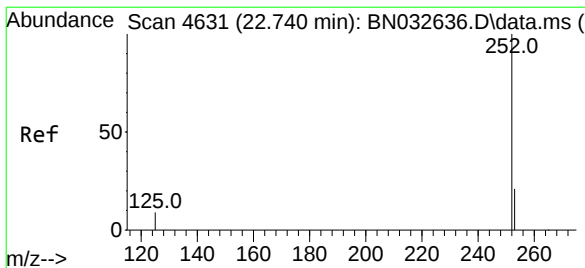


#22
Chrysene
Concen: 6.173 ng/ul m
RT: 21.209 min Scan# 4107
Delta R.T. -0.023 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21



Tgt Ion:228 Resp: 408610
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 21.5 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 9.472 ng/ul m

RT: 22.710 min Scan# 46

Delta R.T. -0.023 min

Lab File: BN032646.D

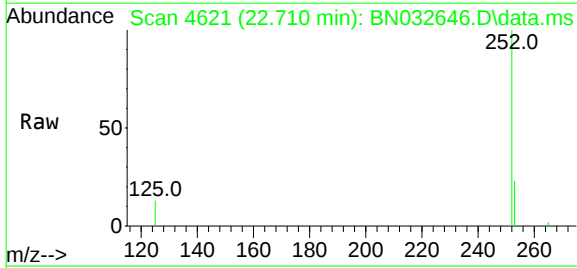
Acq: 11 Jul 2024 21:21

Instrument :

BNA_N

ClientSampleId :

A4CX0



Tgt Ion:252 Resp: 561664

Ion Ratio Lower Upper

252 100

253 22.9 0.0 54.0

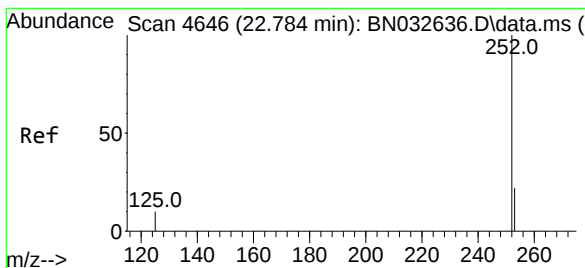
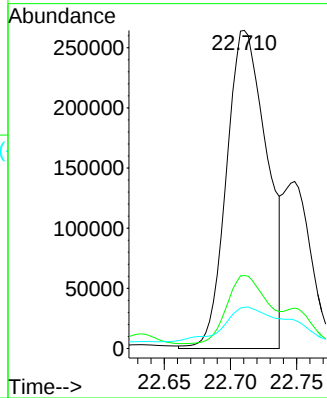
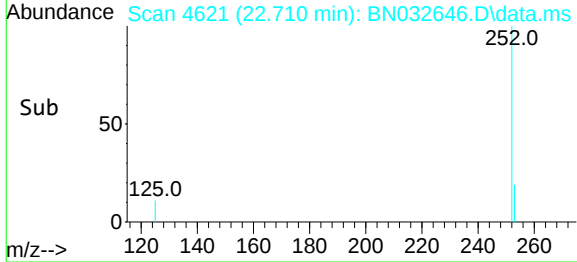
125 13.0 0.0 36.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/16/2024



#25

Benzo(k)fluoranthene

Concen: 2.930 ng/ul m

RT: 22.749 min Scan# 4634

Delta R.T. -0.029 min

Lab File: BN032646.D

Acq: 11 Jul 2024 21:21

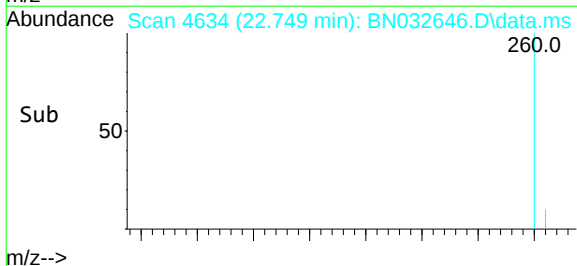
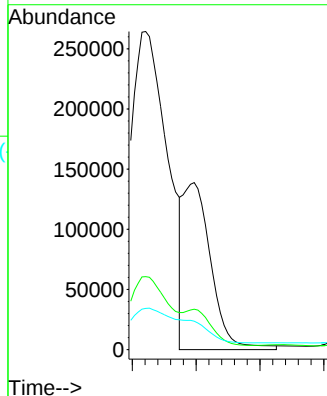
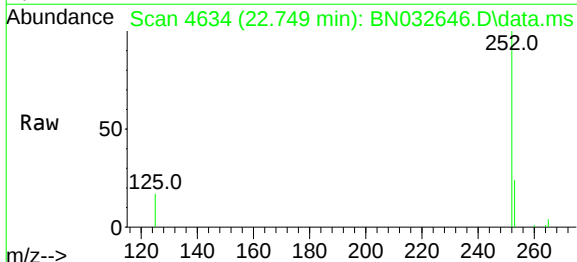
Tgt Ion:252 Resp: 211737

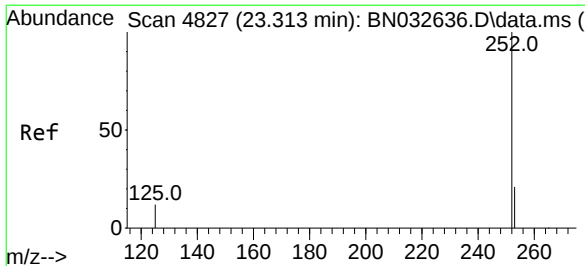
Ion Ratio Lower Upper

252 100

253 24.2 21.2 31.8

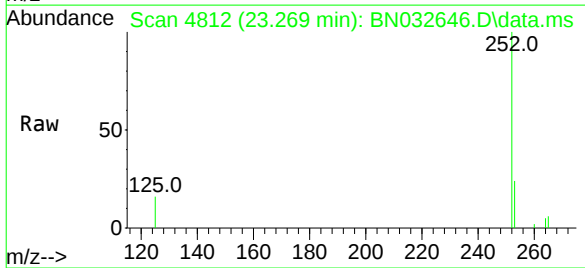
125 17.0 14.8 22.2





#26
Benzo(a)pyrene
Concen: 3.860 ng/ul m
RT: 23.269 min Scan# 4812
Delta R.T. -0.041 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

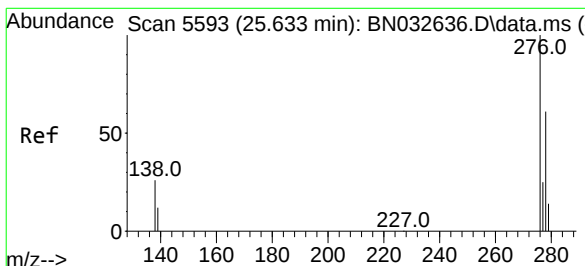
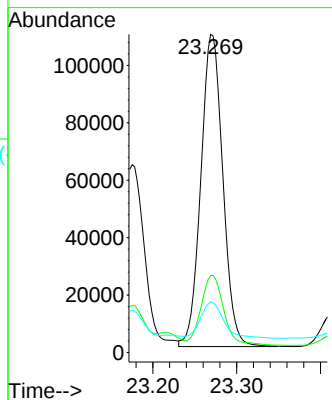
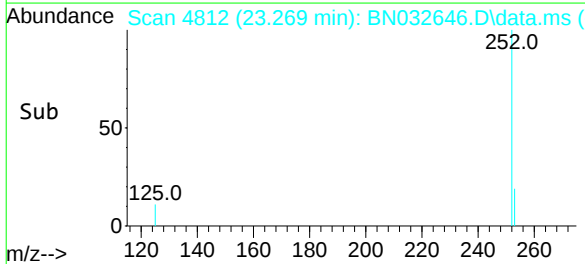
Instrument :
BNA_N
ClientSampleId :
A4CX0



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	25.4	38.0#
125	15.9	20.6	30.8#

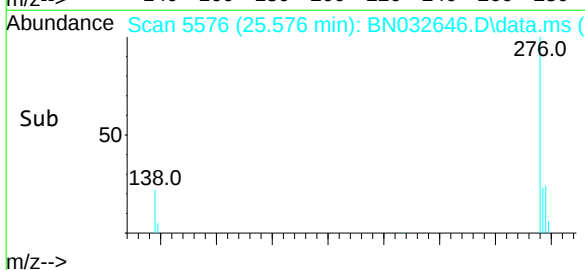
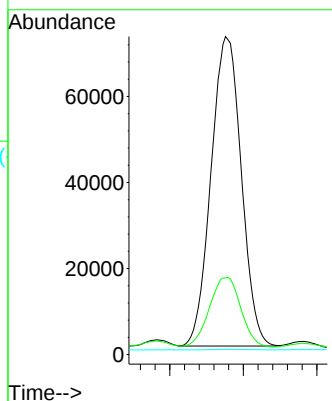
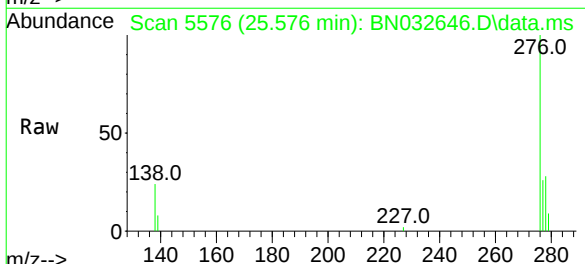
Manual Integrations
APPROVED

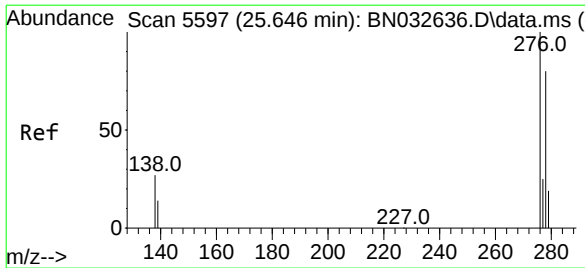
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.959 ng/ul m
RT: 25.576 min Scan# 5576
Delta R.T. -0.050 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.3	21.6	32.4#
227	0.1	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 1.306 ng/ul m

RT: 25.579 min Scan# 55

Delta R.T. -0.060 min

Lab File: BN032646.D

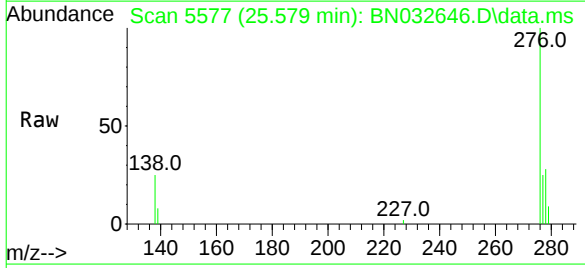
Acq: 11 Jul 2024 21:21

Instrument :

BNA_N

ClientSampleId :

A4CX0



Tgt Ion:278 Resp: 70350

Ion Ratio Lower Upper

278 100

139 29.9 16.6 24.8#

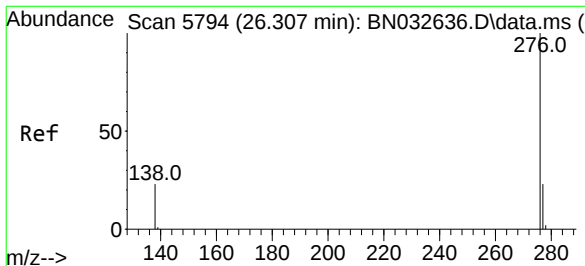
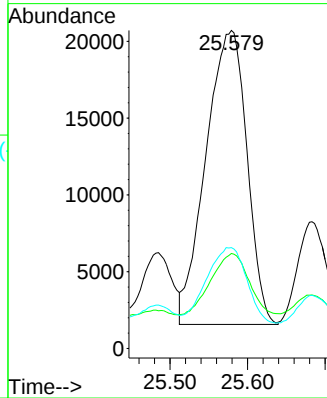
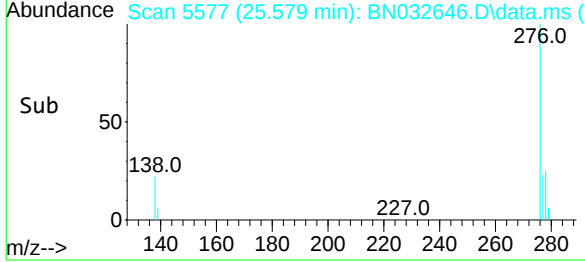
279 31.7 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/16/2024



#29

Benzo(g,h,i)perylene

Concen: 0.521 ng/ul m

RT: 26.260 min Scan# 5780

Delta R.T. -0.040 min

Lab File: BN032646.D

Acq: 11 Jul 2024 21:21

Tgt Ion:276 Resp: 30249

Ion Ratio Lower Upper

276 100

138 34.0 21.0 31.4#

277 34.7 20.6 31.0#

