

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032642.D
 Acq On : 11 Jul 2024 18:57
 Operator : MA/JU
 Sample : P3035-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CW2

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 01:55:50 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	7496	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	23900	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	13558	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	24420m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.173	240	14640m	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	17797m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	33484	3.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	10828	0.300	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	16325m	0.342	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.376	128	26738	0.417	ng/ul	98
7) 2-Methylnaphthalene	12.004	142	9322	0.233	ng/ul	96
8) 1-Methylnaphthalene	12.224	142	6377	0.154	ng/ul	99
10) Acenaphthylene	13.924	152	38766	0.708	ng/ul	100
11) Acenaphthene	14.267	153	19000	0.419	ng/ul	99
12) Fluorene	15.261	166	21891	0.423	ng/ul	98
15) Phenanthrene	17.003	178	470549m	7.075	ng/ul	
16) Anthracene	17.096	178	82671m	1.522	ng/ul	
19) Fluoranthene	19.031	202	1024534m	17.212	ng/ul	
20) Pyrene	19.398	202	721110m	11.704	ng/ul	
21) Benzo(a)anthracene	21.156	228	427870m	9.182	ng/ul	
22) Chrysene	21.208	228	536496m	7.958	ng/ul	
24) Benzo(b)fluoranthene	22.713	252	760046m	12.104	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	297983m	3.894	ng/ul	
26) Benzo(a)pyrene	23.275	252	276139m	5.082	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.579	276	293521m	3.989	ng/ul	
28) Dibenzo(a,h)anthracene	25.582	278	98722m	1.731	ng/ul	
29) Benzo(g,h,i)perylene	26.263	276	45147m	0.734	ng/ul	

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

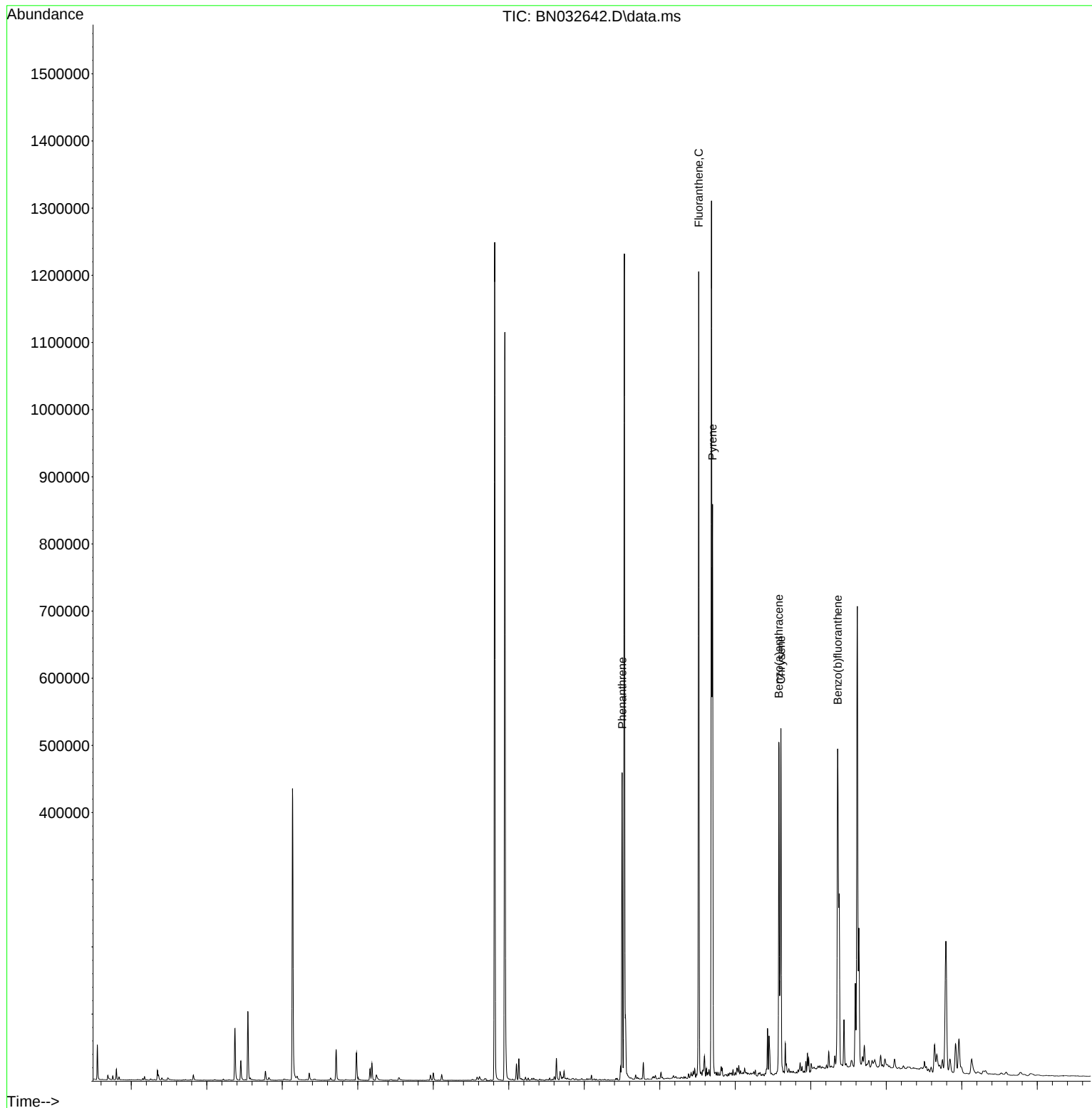
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032642.D
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ALS Vial : 18 Sample Multiplier: 1

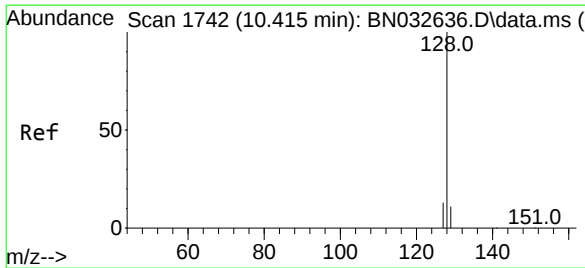
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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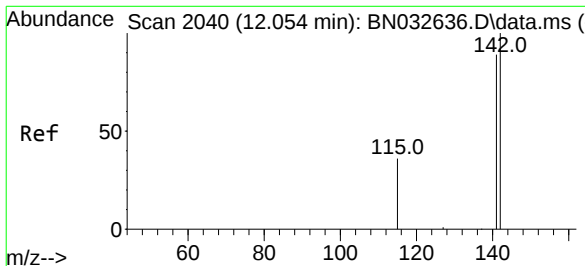
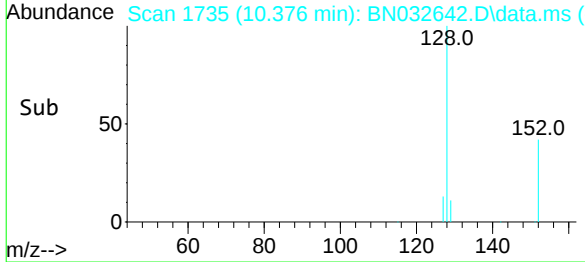
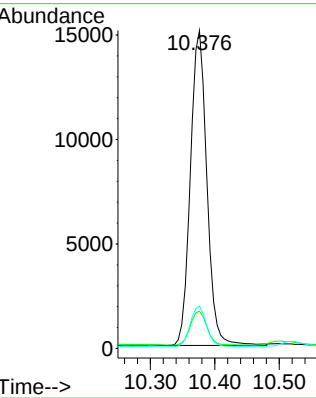
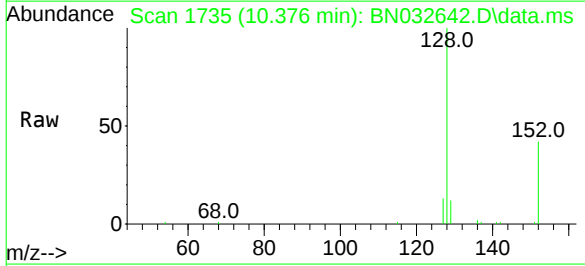
#5
Naphthalene
Concen: 0.417 ng/ul
RT: 10.376 min Scan# 17
Delta R.T. -0.033 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

Instrument :
BNA_N
ClientSampleId :
A4CW2

Tgt Ion:128 Resp: 26738
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 13.4 11.6 17.4

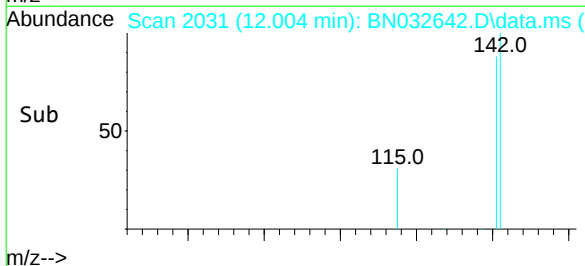
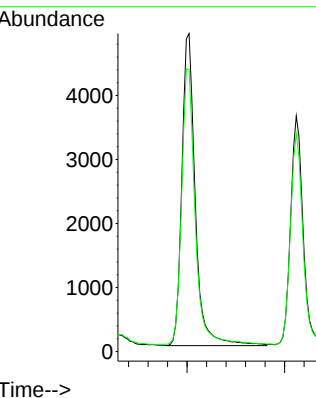
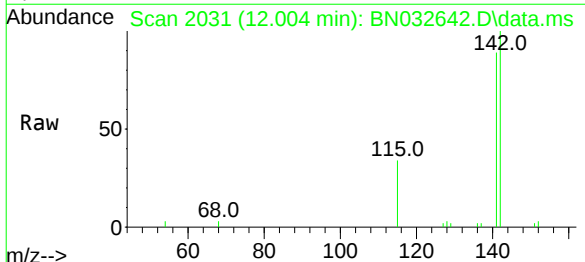
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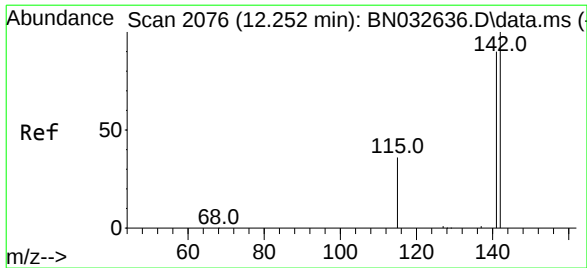
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.233 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

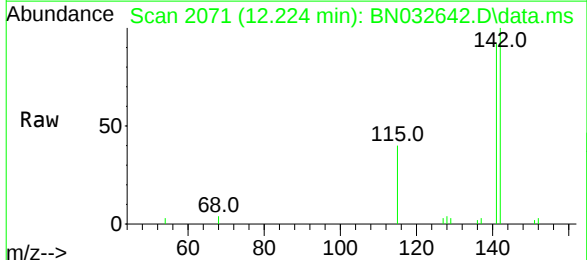
Tgt Ion:142 Resp: 9322
Ion Ratio Lower Upper
142 100
141 88.6 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.224 min Scan# 2076
Delta R.T. -0.022 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

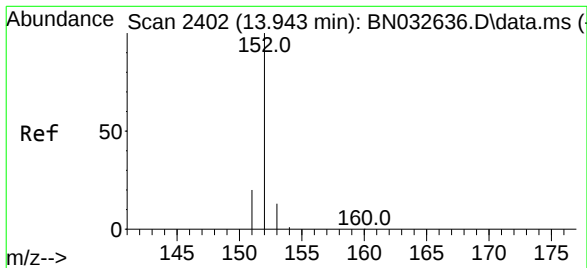
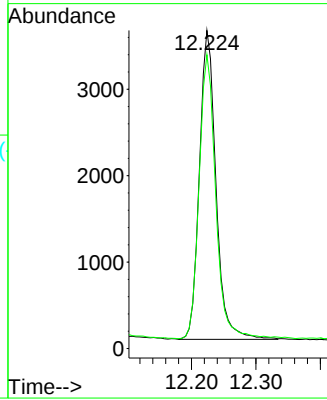
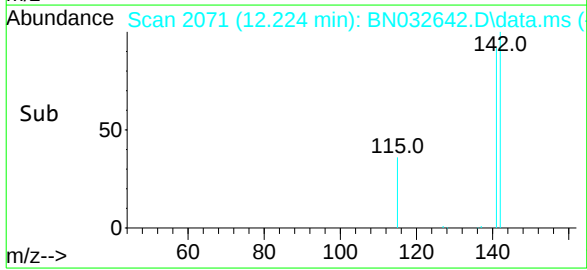
Instrument :
BNA_N
ClientSampleId :
A4CW2



Tgt Ion:142 Resp: 6377
Ion Ratio Lower Upper
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141 92.5 75.0 112.4

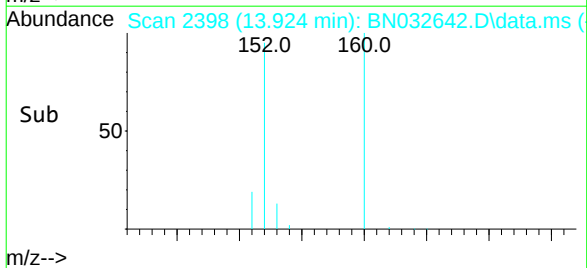
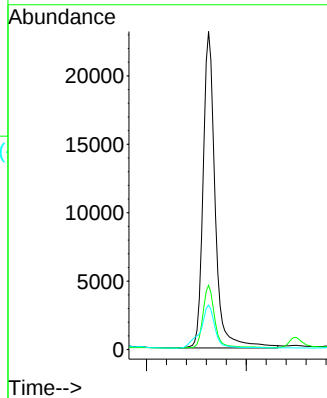
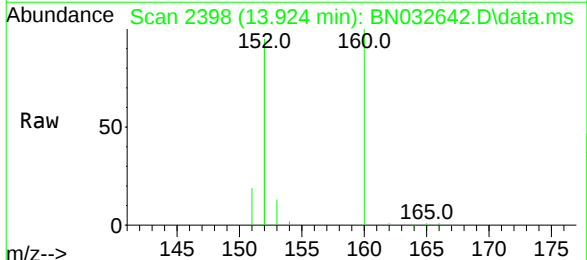
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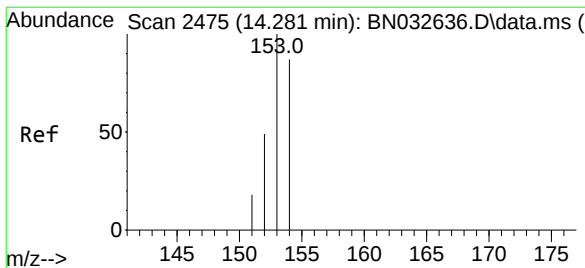
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.708 ng/ul
RT: 13.924 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

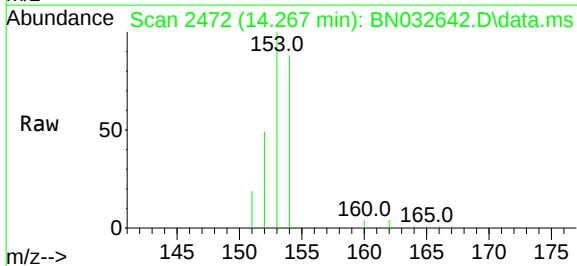
Tgt Ion:152 Resp: 38766
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.0 11.3 16.9





#11
Acenaphthene
Concen: 0.419 ng/u1
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

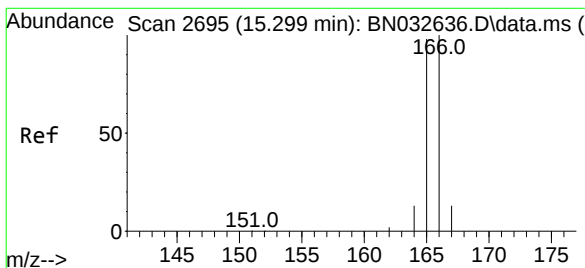
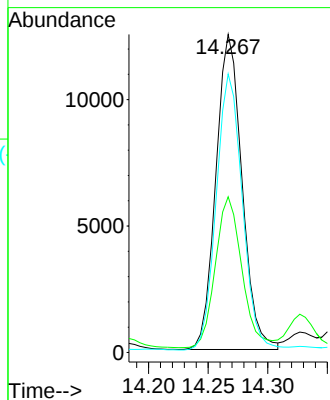
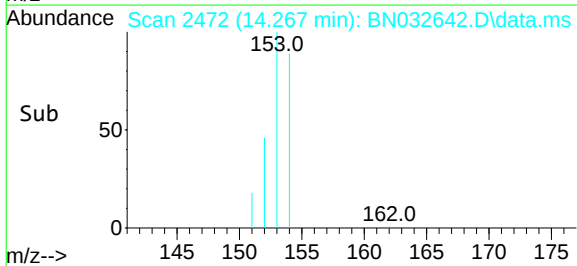
Instrument :
BNA_N
ClientSampleId :
A4CW2



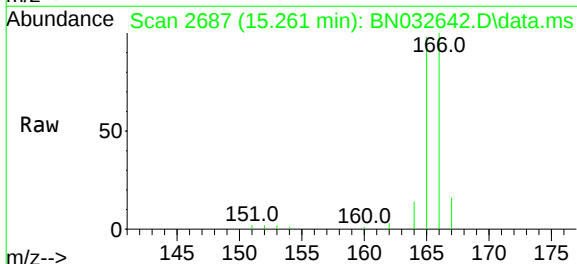
Tgt Ion:153 Resp: 19000
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 87.6 70.2 105.4

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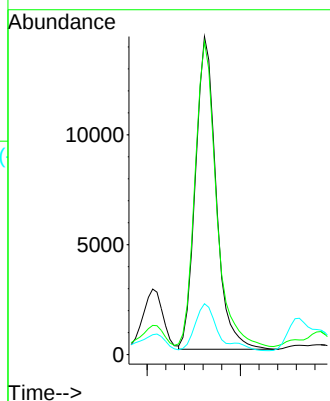
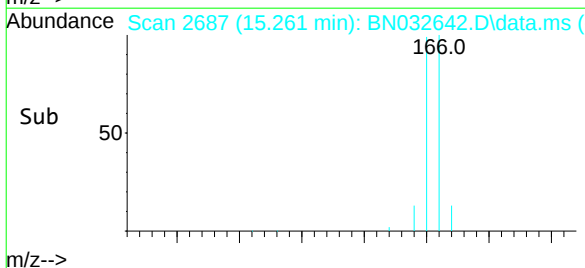
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

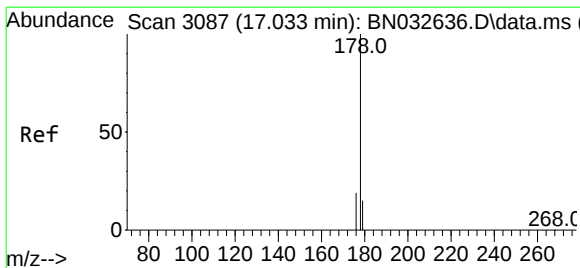


#12
Fluorene
Concen: 0.423 ng/u1
RT: 15.261 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57



Tgt Ion:166 Resp: 21891
Ion Ratio Lower Upper
166 100
165 98.4 79.7 119.5
167 16.0 11.4 17.2





#15

Phenanthrene

Concen: 7.075 ng/ul m

RT: 17.003 min Scan# 30

Delta R.T. -0.025 min

Lab File: BN032642.D

Acq: 11 Jul 2024 18:57

Instrument :

BNA_N

ClientSampleId :

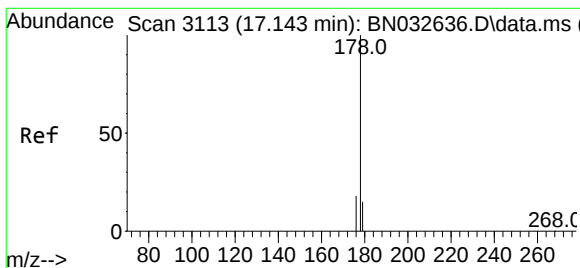
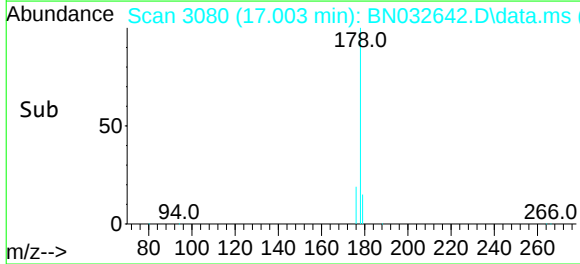
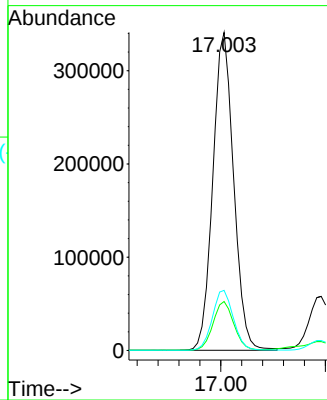
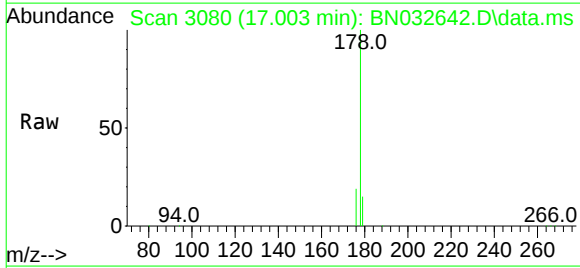
A4CW2

Tgt Ion:	178	Resp:	470549
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.0	19.4
176	18.9	15.6	23.4

Manual Integrations

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#16

Anthracene

Concen: 1.522 ng/ul m

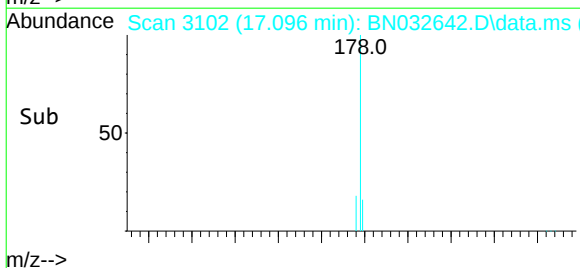
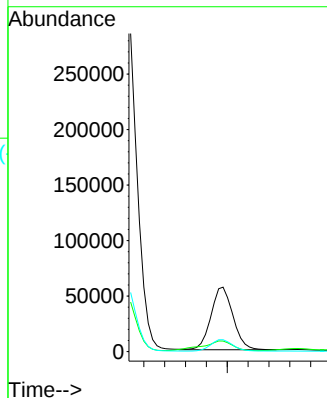
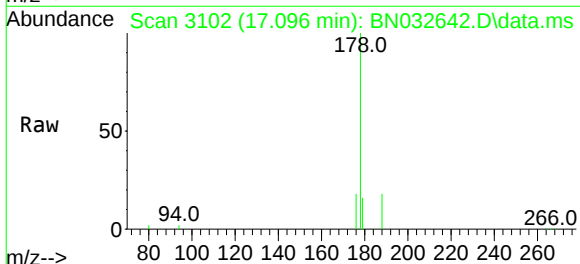
RT: 17.096 min Scan# 3102

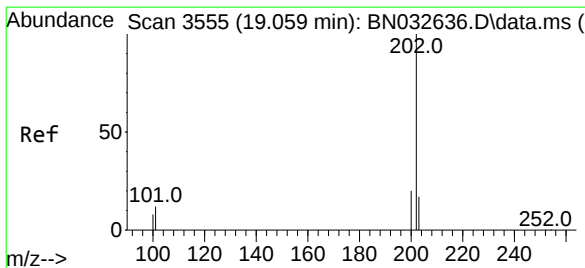
Delta R.T. -0.042 min

Lab File: BN032642.D

Acq: 11 Jul 2024 18:57

Tgt Ion:	178	Resp:	82671
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.4	20.2
176	18.4	15.4	23.0





#19

Fluoranthene

Concen: 17.212 ng/ul m

RT: 19.031 min Scan# 35

Delta R.T. -0.023 min

Lab File: BN032642.D

Acq: 11 Jul 2024 18:57

Instrument :

BNA_N

ClientSampleId :

A4CW2

Tgt Ion:202 Resp: 1024534

Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

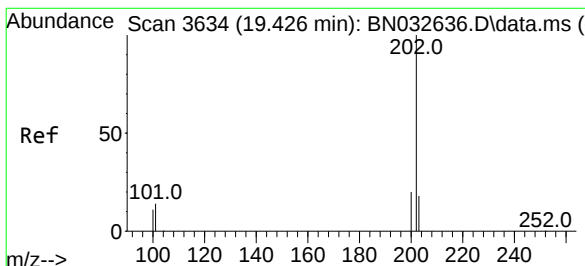
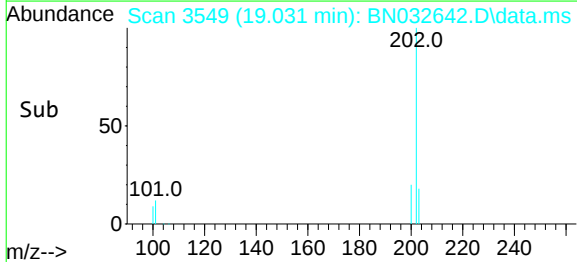
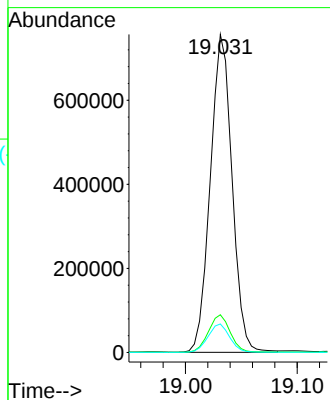
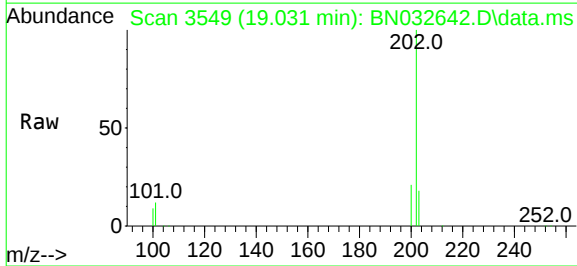
100 9.0 7.9 11.9

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Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/16/2024



#20

Pyrene

Concen: 11.704 ng/ul m

RT: 19.398 min Scan# 3628

Delta R.T. -0.023 min

Lab File: BN032642.D

Acq: 11 Jul 2024 18:57

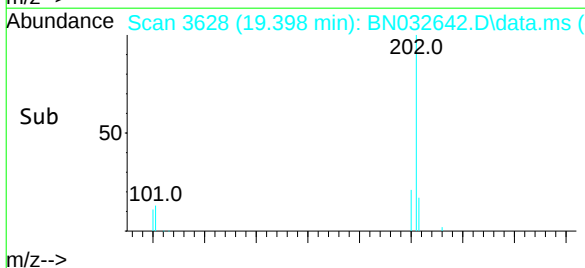
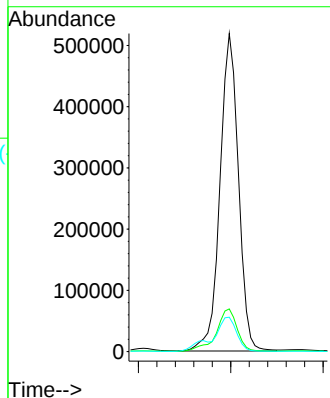
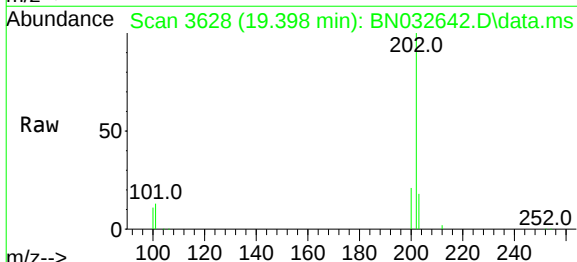
Tgt Ion:202 Resp: 721110

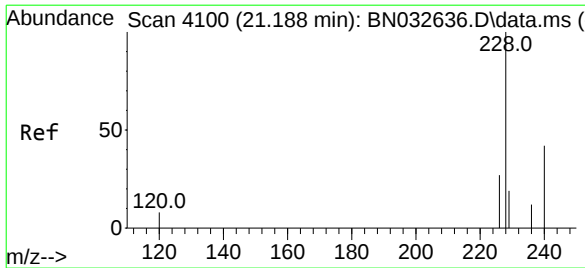
Ion Ratio Lower Upper

202 100

101 13.4 11.8 17.6

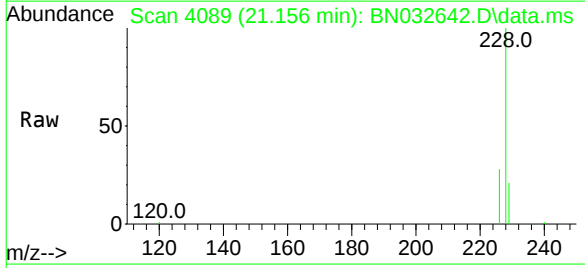
100 10.8 9.6 14.4





#21
Benzo(a)anthracene
Concen: 9.182 ng/ul m
RT: 21.156 min Scan# 4089
Delta R.T. -0.026 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

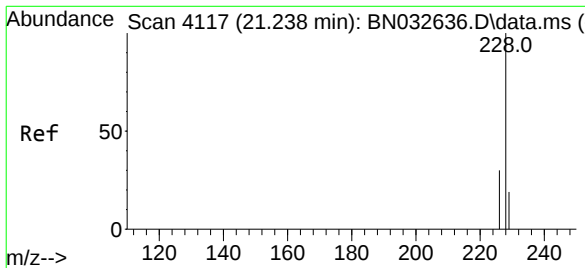
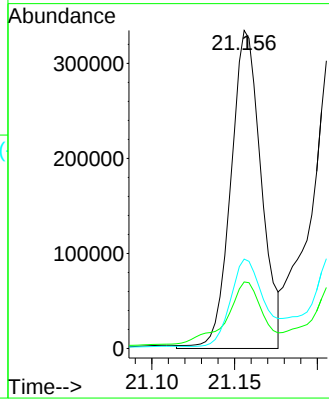
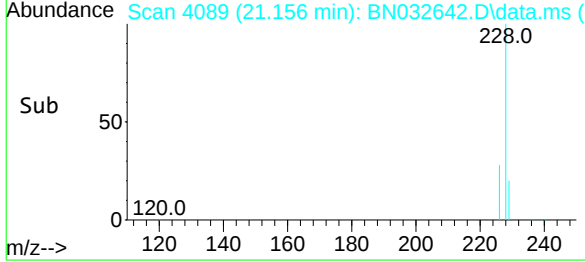
Instrument :
BNA_N
ClientSampleId :
A4CW2



Tgt Ion:228 Resp: 427876
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 28.1 21.9 32.9

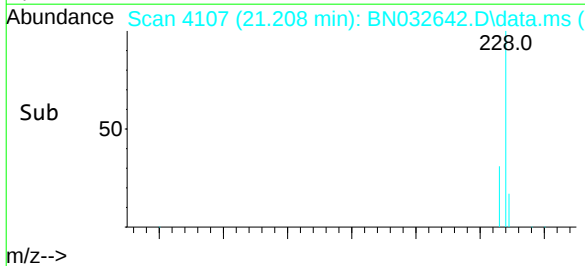
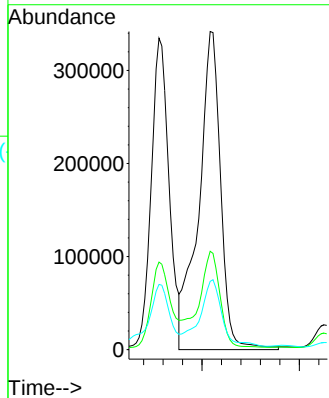
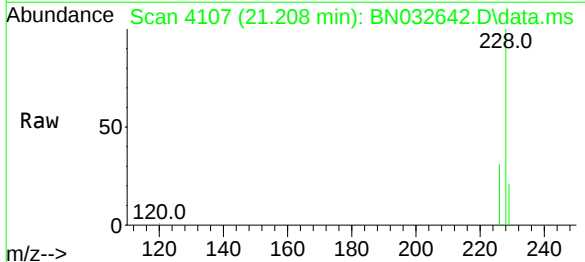
Manual Integrations
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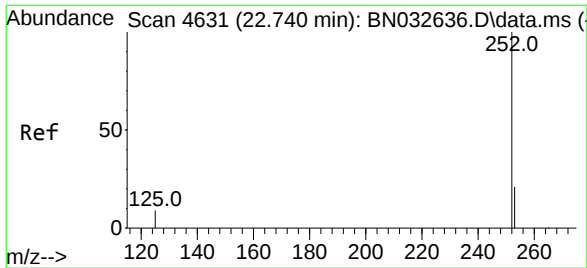
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 7.958 ng/ul m
RT: 21.208 min Scan# 4107
Delta R.T. -0.024 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

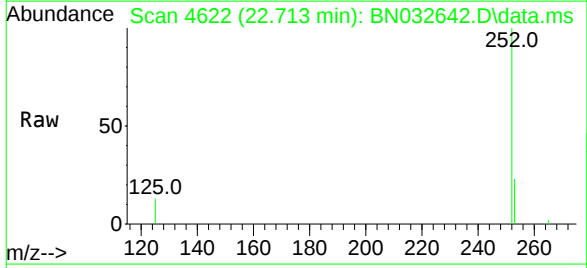
Tgt Ion:228 Resp: 536496
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 12.104 ng/u1 m
RT: 22.713 min Scan# 4631
Delta R.T. -0.021 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

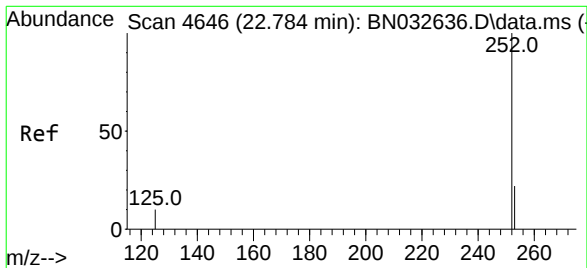
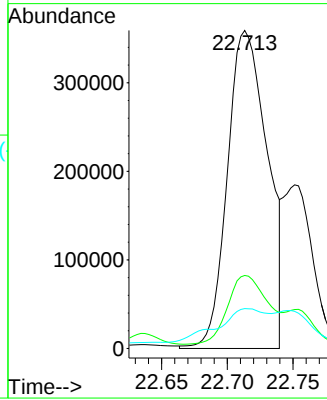
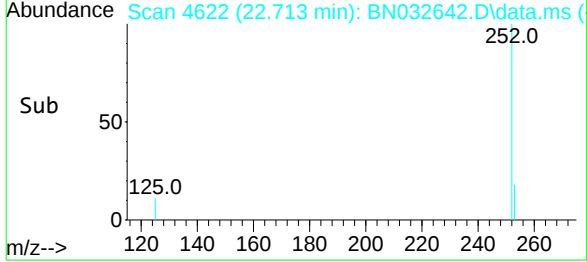
Instrument :
BNA_N
ClientSampleId :
A4CW2



Tgt Ion:252 Resp: 760046
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 12.5 0.0 36.0

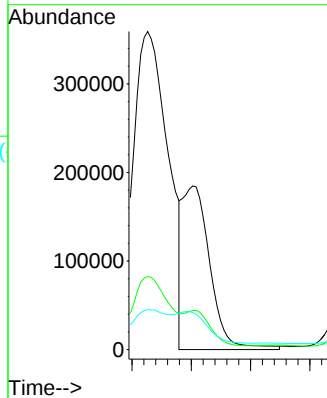
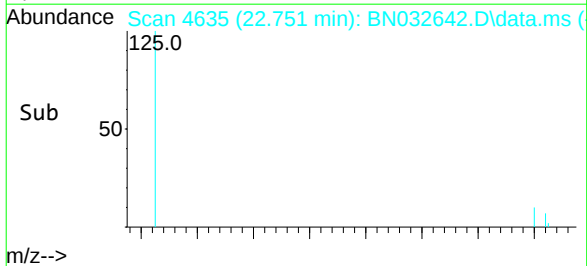
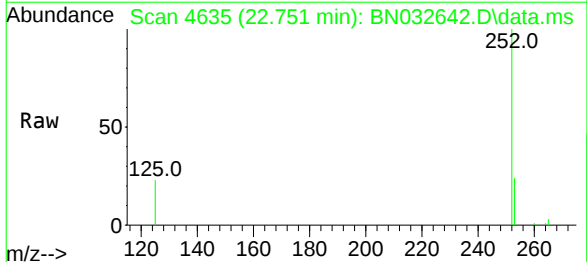
Manual Integrations
APPROVED

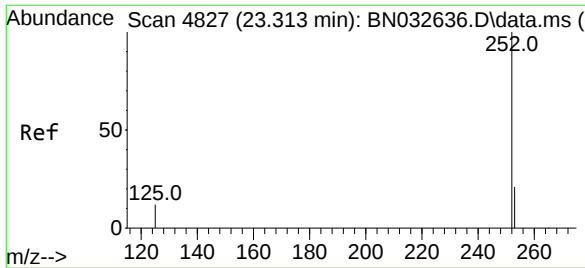
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 3.894 ng/u1 m
RT: 22.751 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

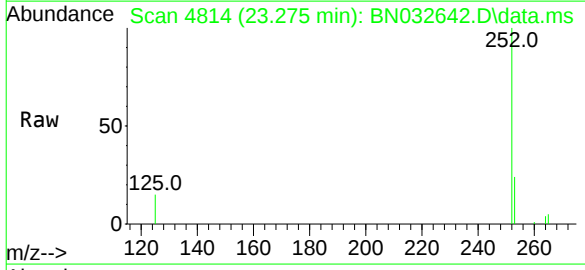
Tgt Ion:252 Resp: 297983
Ion Ratio Lower Upper
252 100
253 23.8 21.2 31.8
125 22.7 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 5.082 ng/ul m
RT: 23.275 min Scan# 4814
Delta R.T. -0.035 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57

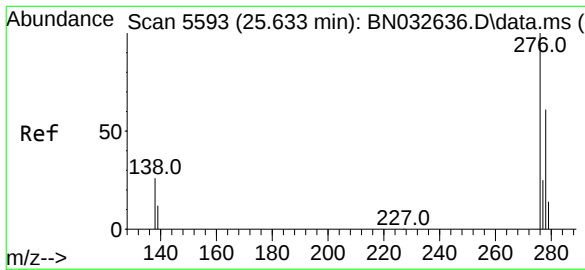
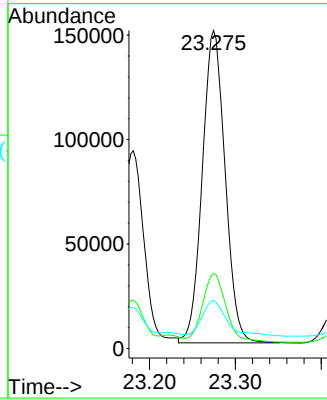
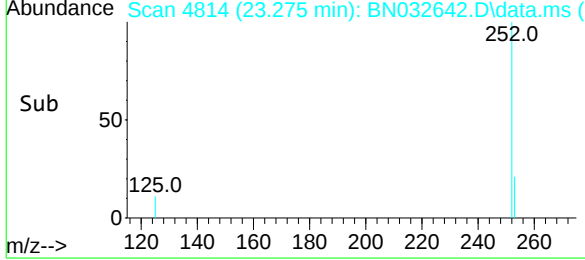
Instrument :
BNA_N
ClientSampleId :
A4CW2



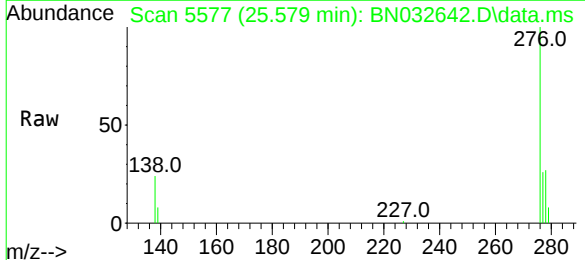
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	25.4	38.0#
125	15.1	20.6	30.8#

Manual Integrations
APPROVED

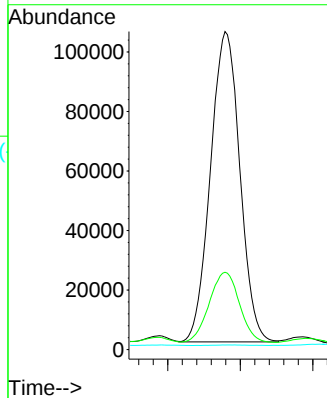
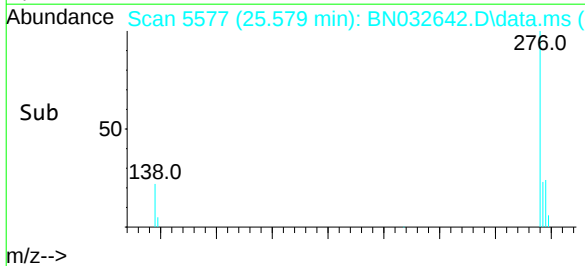
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

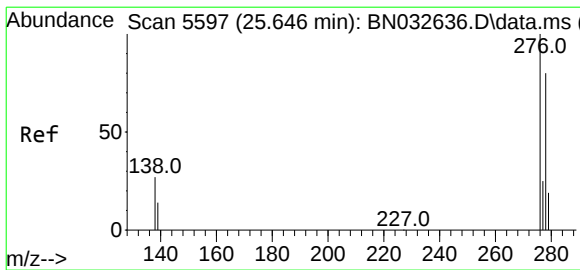


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.989 ng/ul m
RT: 25.579 min Scan# 5577
Delta R.T. -0.047 min
Lab File: BN032642.D
Acq: 11 Jul 2024 18:57



Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.1	21.6	32.4#
227	0.0	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 1.731 ng/ul m

RT: 25.582 min Scan# 55

Delta R.T. -0.057 min

Lab File: BN032642.D

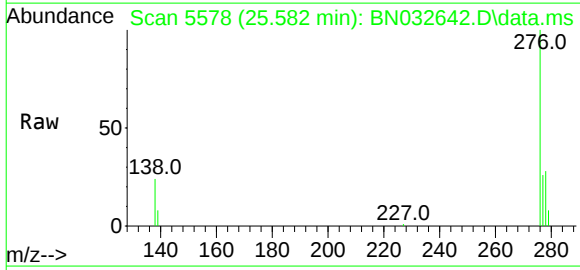
Acq: 11 Jul 2024 18:57

Instrument :

BNA_N

ClientSampleId :

A4CW2



Tgt Ion:278 Resp: 98722

Ion Ratio Lower Upper

278 100

139 30.2 16.6 24.8#

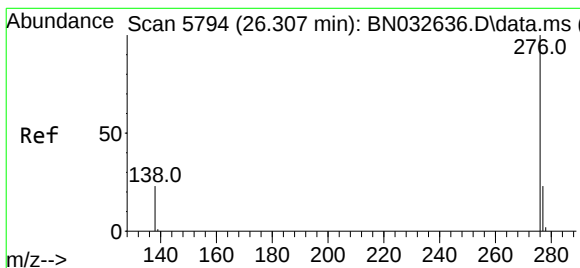
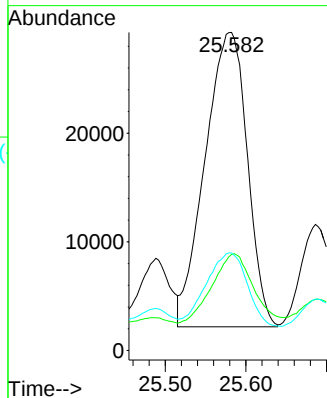
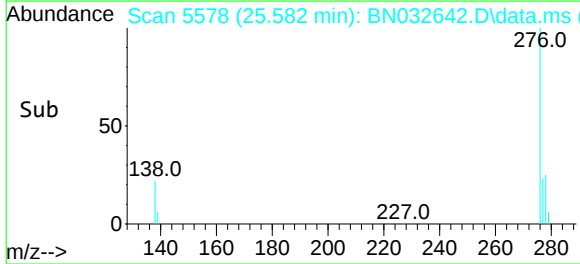
279 30.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/16/2024



#29

Benzo(g,h,i)perylene

Concen: 0.734 ng/ul m

RT: 26.263 min Scan# 5781

Delta R.T. -0.037 min

Lab File: BN032642.D

Acq: 11 Jul 2024 18:57

Tgt Ion:276 Resp: 45147

Ion Ratio Lower Upper

276 100

138 32.3 21.0 31.4#

277 34.0 20.6 31.0#

