

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032645.D
 Acq On : 11 Jul 2024 20:45
 Operator : MA/JU
 Sample : P3035-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CY1

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 02:39:14 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	7676	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	24591	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	14147	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	24795m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.174	240	15227m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	18015m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	25717	2.790	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	8765	0.236	ng/ul	-0.04
18) Fluoranthene-d10	19.004	212	13398	0.270	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	23377	0.354	ng/ul	98
7) 2-Methylnaphthalene	12.004	142	7745	0.188	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	6035	0.142	ng/ul	99
10) Acenaphthylene	13.925	152	40511	0.709	ng/ul	100
11) Acenaphthene	14.267	153	19197	0.406	ng/ul	99
12) Fluorene	15.262	166	23660	0.438	ng/ul	98
15) Phenanthrene	17.003	178	479713m	7.104	ng/ul	
16) Anthracene	17.096	178	83174m	1.508	ng/ul	
19) Fluoranthene	19.031	202	903977	14.602	ng/ul	98
20) Pyrene	19.399	202	639417	9.978	ng/ul	97
21) Benzo(a)anthracene	21.156	228	378681m	7.813	ng/ul	
22) Chrysene	21.209	228	437892	6.245	ng/ul	97
24) Benzo(b)fluoranthene	22.711	252	626667m	9.859	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	235098m	3.035	ng/ul	
26) Benzo(a)pyrene	23.272	252	236688	4.303	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.579	276	239394	3.214	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.579	278	81216	1.407	ng/ul#	91
29) Benzo(g,h,i)perylene	26.263	276	35868	0.576	ng/ul#	84

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

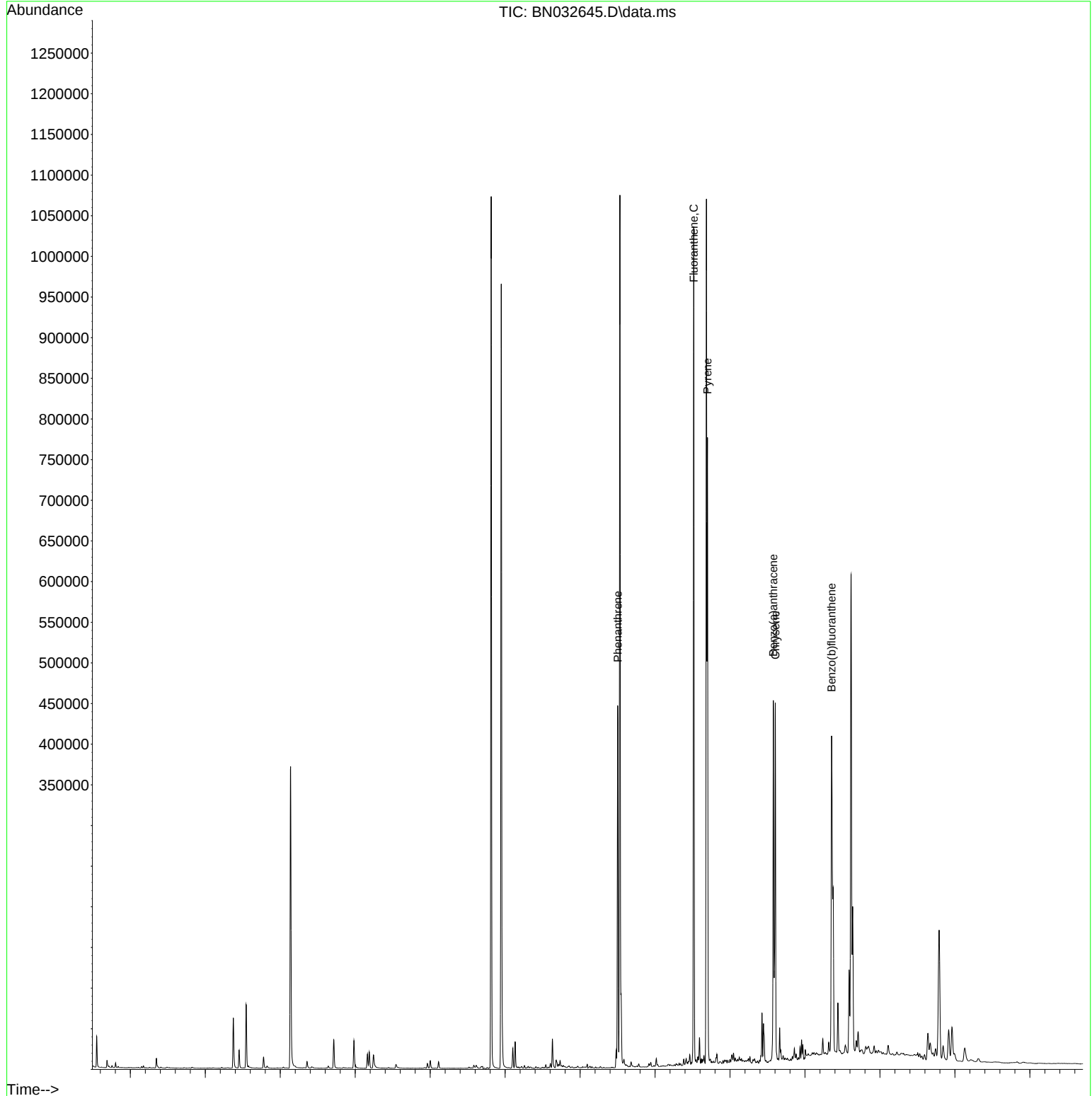
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

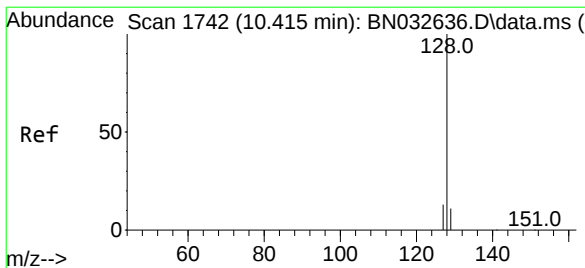
Instrument :
BNA_N
ClientSampleId :
A4CY1

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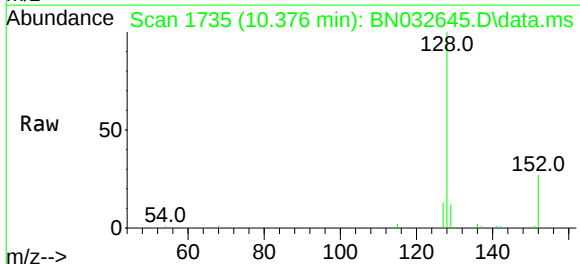
Quant Time: Jul 12 02:39:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





Naphthalene
 Concen: 0.354 ng/u1
 RT: 10.376 min Scan# 1742
 Delta R.T. -0.033 min
 Lab File: BN032645.D
 Acq: 11 Jul 2024 20:45

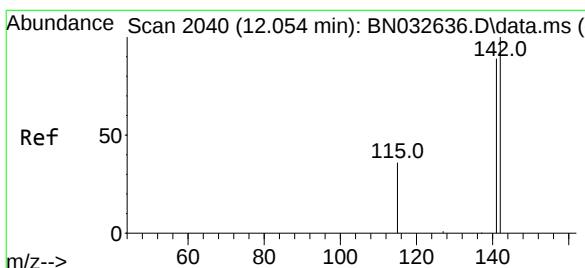
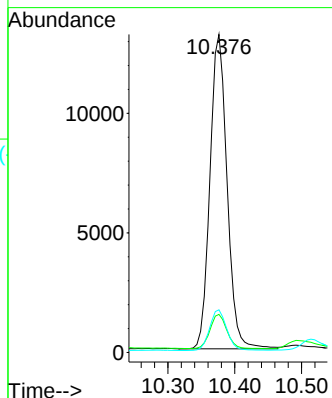
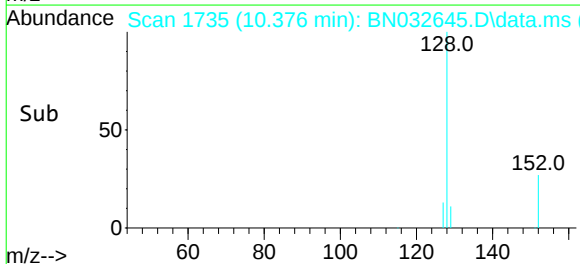
Instrument : BNA_N
 ClientSampleId : A4CY1



Tgt Ion:128 Resp: 23377
 Ion Ratio Lower Upper
 128 100
 129 12.0 10.0 15.0
 127 13.4 11.6 17.4

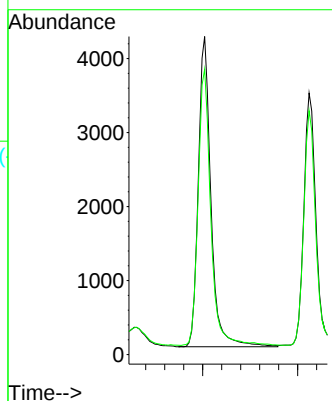
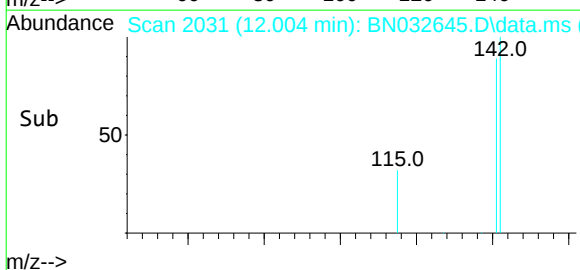
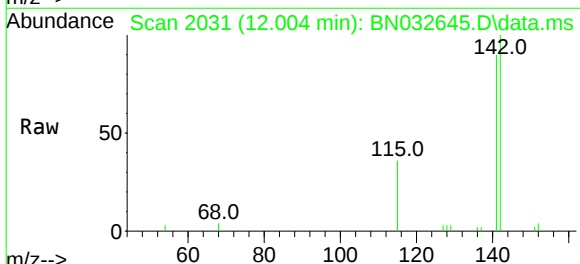
Manual Integrations
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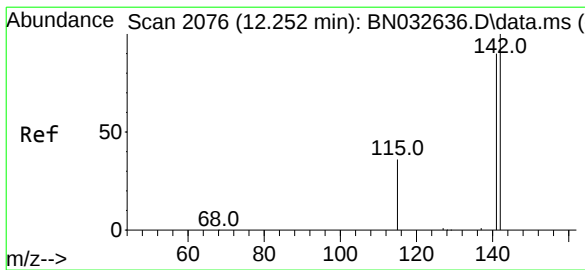
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



2-Methylnaphthalene
 Concen: 0.188 ng/u1
 RT: 12.004 min Scan# 2031
 Delta R.T. -0.044 min
 Lab File: BN032645.D
 Acq: 11 Jul 2024 20:45

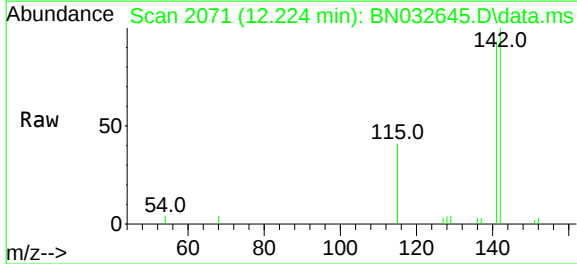
Tgt Ion:142 Resp: 7745
 Ion Ratio Lower Upper
 142 100
 141 89.2 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.142 ng/ul
RT: 12.224 min Scan# 2076
Delta R.T. -0.022 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

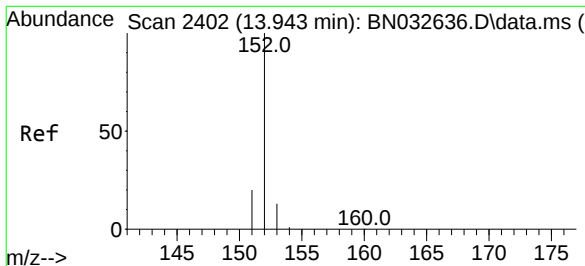
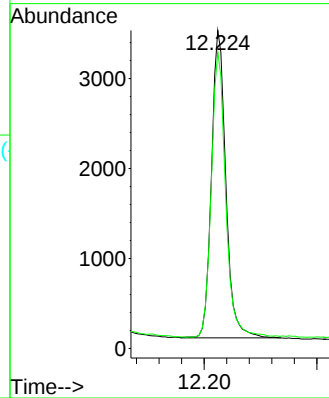
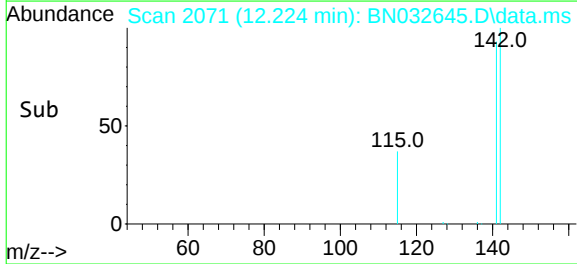
Instrument :
BNA_N
ClientSampleId :
A4CY1



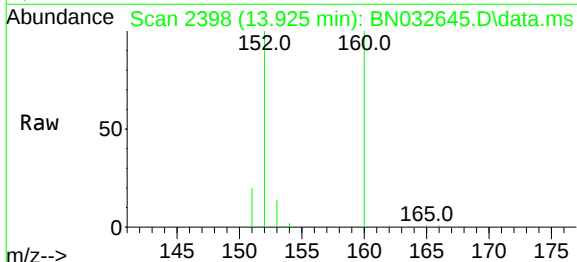
Tgt Ion:142 Resp: 6035
Ion Ratio Lower Upper
142 100
141 92.9 75.0 112.4

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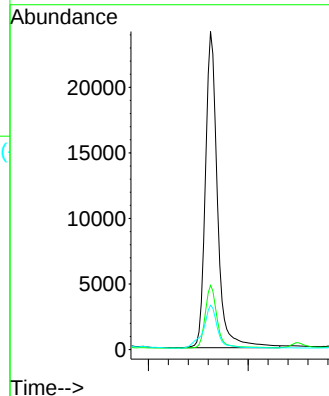
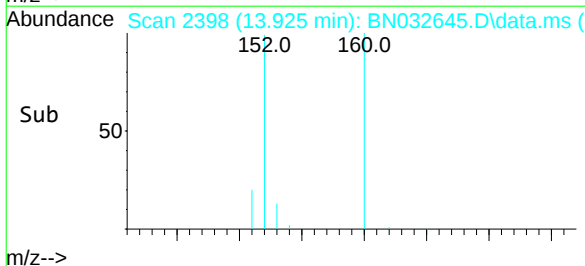
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

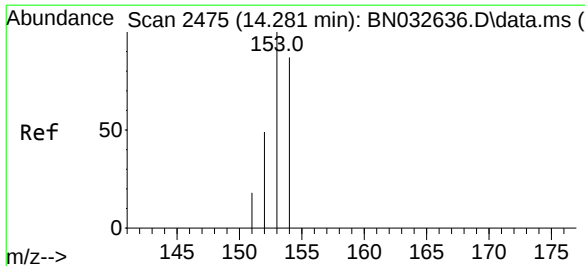


#10
Acenaphthylene
Concen: 0.709 ng/ul
RT: 13.925 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45



Tgt Ion:152 Resp: 40511
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.9 11.3 16.9





#11

Acenaphthene

Concen: 0.406 ng/u1

RT: 14.267 min Scan# 2475

Delta R.T. -0.014 min

Lab File: BN032645.D

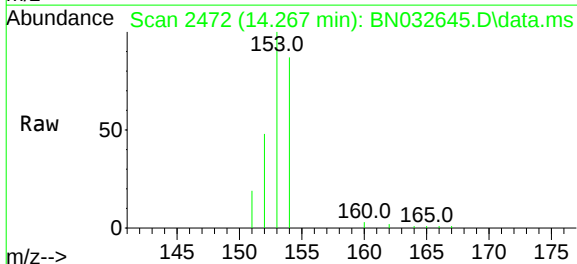
Acq: 11 Jul 2024 20:45

Instrument :

BNA_N

ClientSampleId :

A4CY1

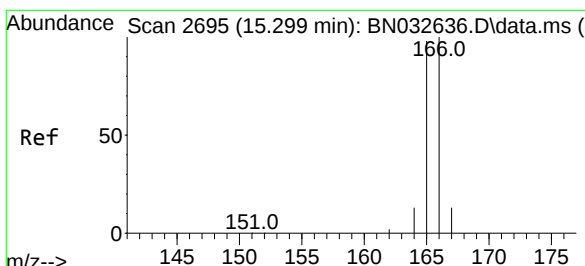
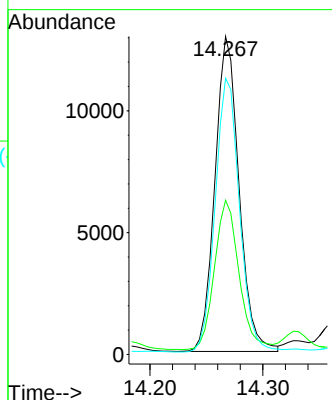
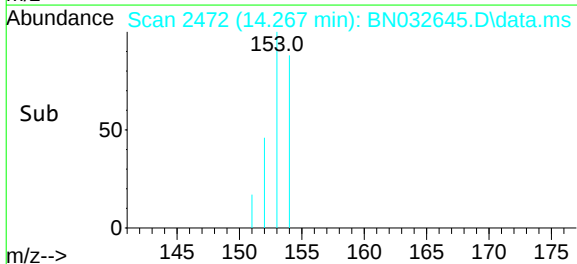


Tgt Ion:	153	Resp:	19197
Ion Ratio	Lower	Upper	
153	100		
152	48.5	40.0	60.0
154	86.9	70.2	105.4

Manual Integrations

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Supervised By :mohammad ahmed 07/16/2024



#12

Fluorene

Concen: 0.438 ng/u1

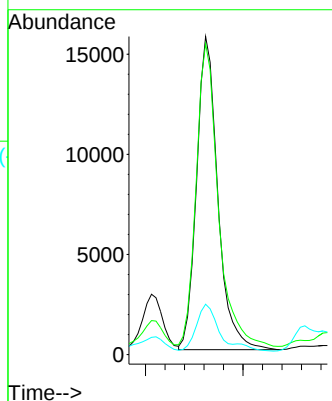
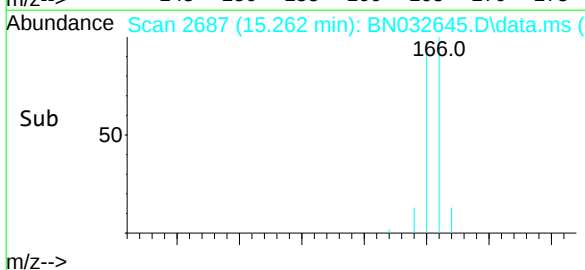
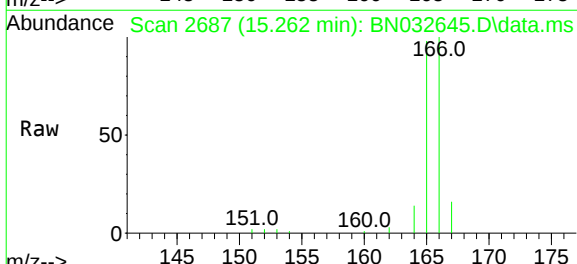
RT: 15.262 min Scan# 2687

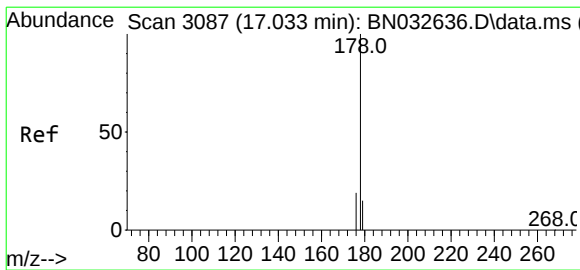
Delta R.T. -0.028 min

Lab File: BN032645.D

Acq: 11 Jul 2024 20:45

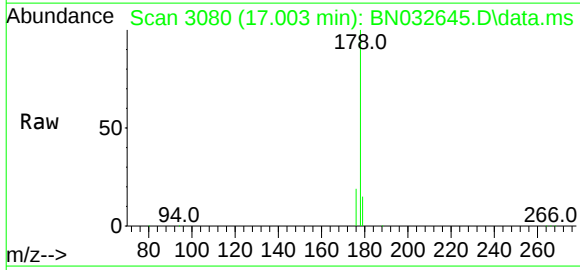
Tgt Ion:	166	Resp:	23660
Ion Ratio	Lower	Upper	
166	100		
165	97.8	79.7	119.5
167	15.8	11.4	17.2





#15
Phenanthrene
Concen: 7.104 ng/ul m
RT: 17.003 min Scan# 3087
Delta R.T. -0.025 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

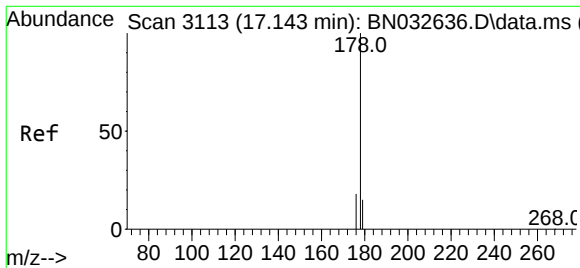
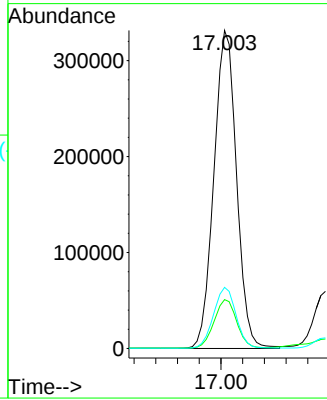
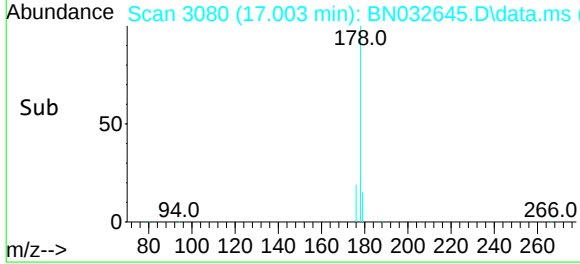
Instrument :
BNA_N
ClientSampleId :
A4CY1



Tgt Ion:178 Resp: 479713
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.2 15.6 23.4

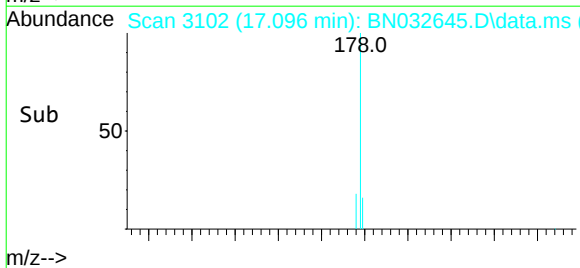
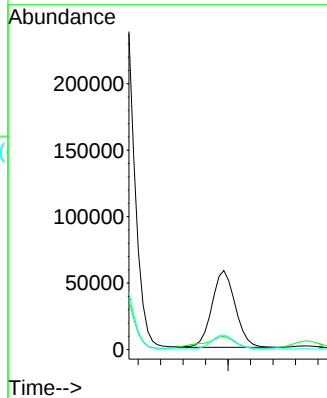
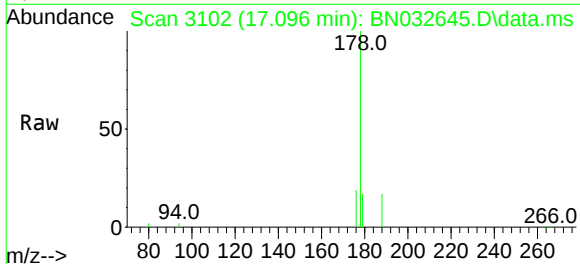
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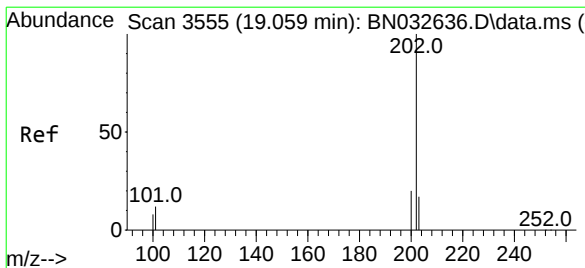
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 1.508 ng/ul m
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

Tgt Ion:178 Resp: 83174
Ion Ratio Lower Upper
178 100
179 16.6 13.4 20.2
176 18.6 15.4 23.0





#19

Fluoranthene

Concen: 14.602 ng/u1

RT: 19.031 min Scan# 35

Delta R.T. -0.023 min

Lab File: BN032645.D

Acq: 11 Jul 2024 20:45

Instrument :

BNA_N

ClientSampleId :

A4CY1

Tgt Ion:202 Resp: 903977

Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

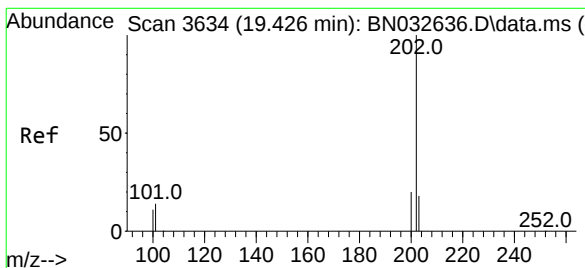
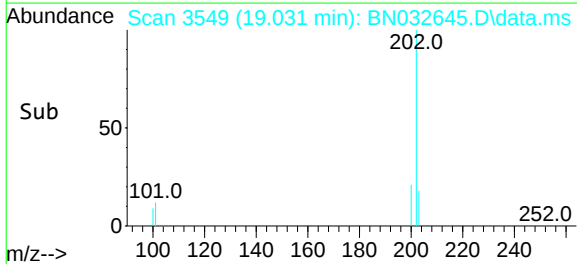
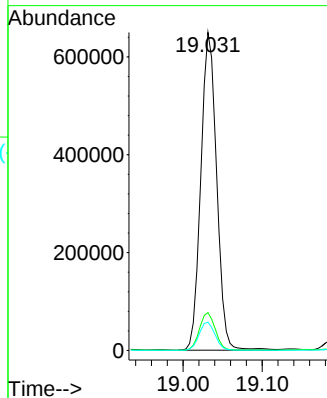
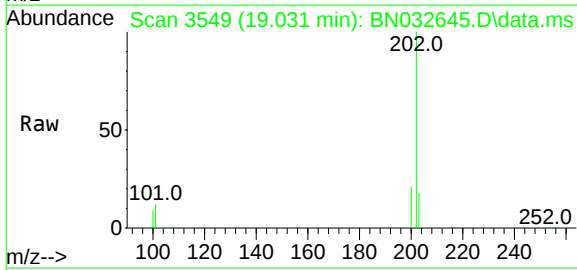
100 8.9 7.9 11.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/16/2024



#20

Pyrene

Concen: 9.978 ng/u1

RT: 19.399 min Scan# 3628

Delta R.T. -0.023 min

Lab File: BN032645.D

Acq: 11 Jul 2024 20:45

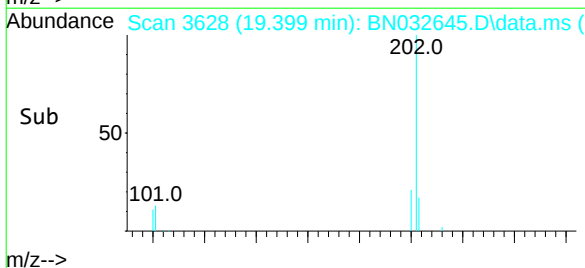
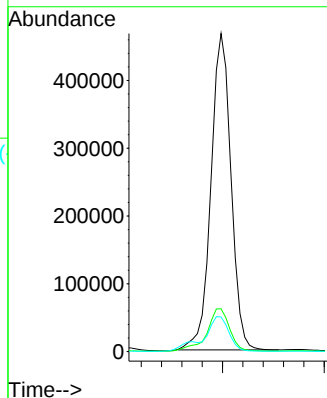
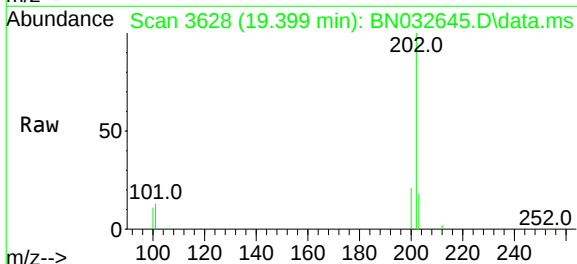
Tgt Ion:202 Resp: 639417

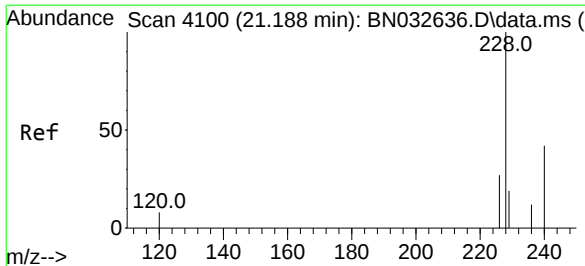
Ion Ratio Lower Upper

202 100

101 13.5 11.8 17.6

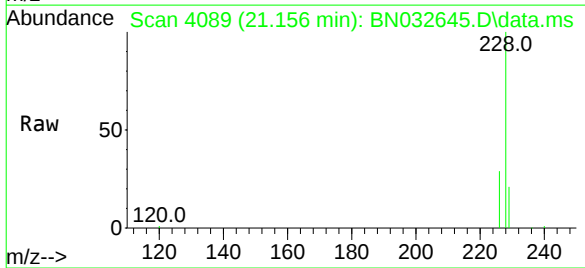
100 10.9 9.6 14.4





#21
Benzo(a)anthracene
Concen: 7.813 ng/u1 m
RT: 21.156 min Scan# 4089
Delta R.T. -0.026 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

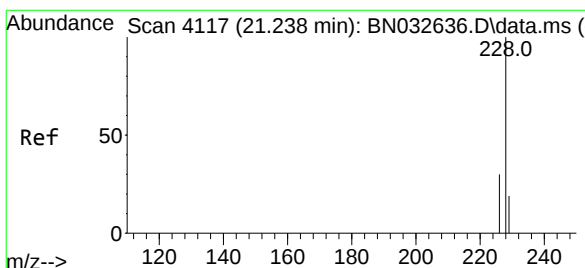
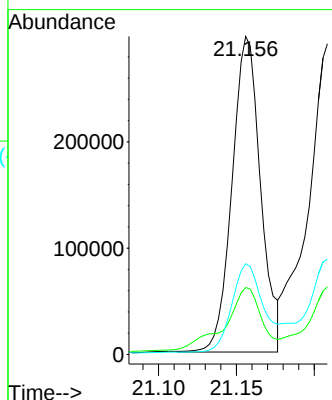
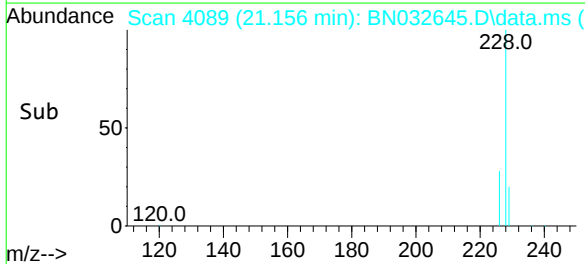
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	228	Resp:	378681
Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.1	24.1
226	28.5	21.9	32.9

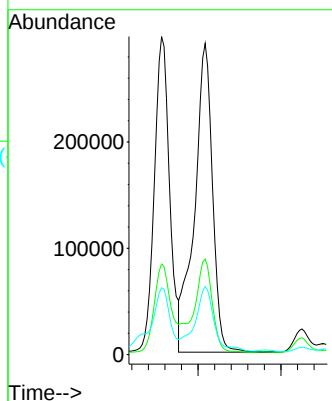
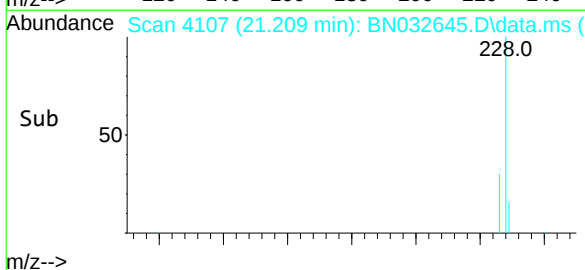
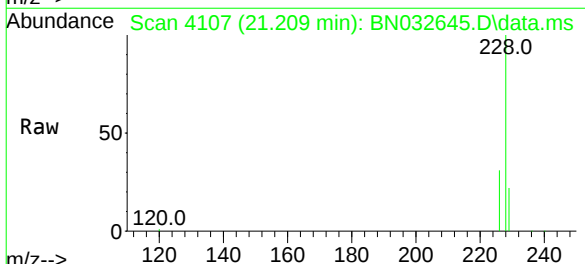
Manual Integrations
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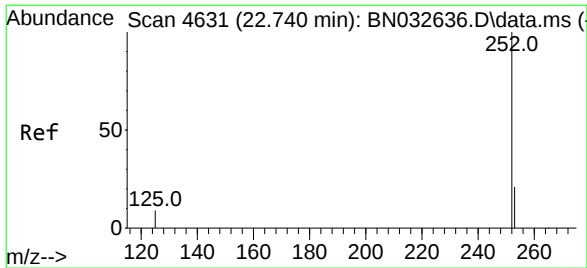
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 6.245 ng/u1
RT: 21.209 min Scan# 4107
Delta R.T. -0.023 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

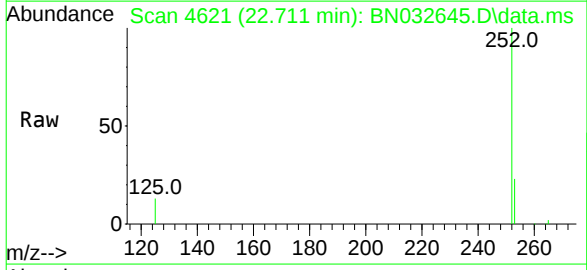
Tgt Ion:	228	Resp:	437892
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.8	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 9.859 ng/u1 m
RT: 22.711 min Scan# 4631
Delta R.T. -0.023 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

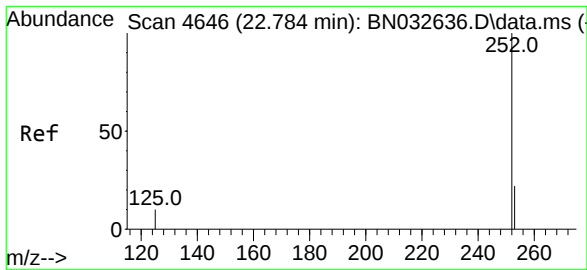
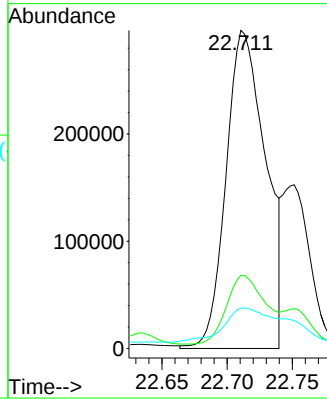
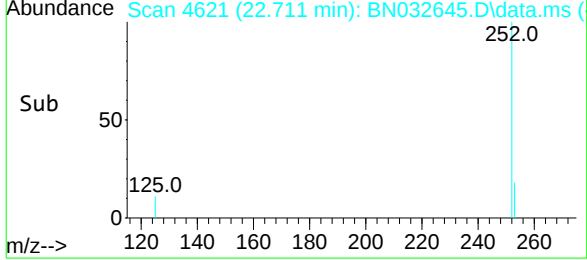
Instrument :
BNA_N
ClientSampleId :
A4CY1



Tgt Ion:252 Resp: 626667
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 12.7 0.0 36.0

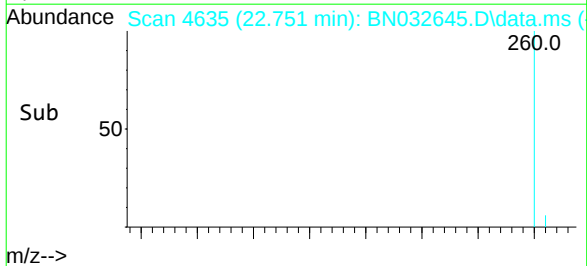
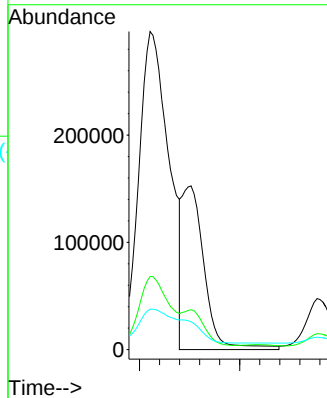
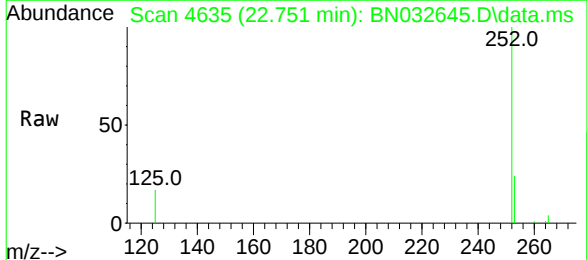
Manual Integrations
APPROVED

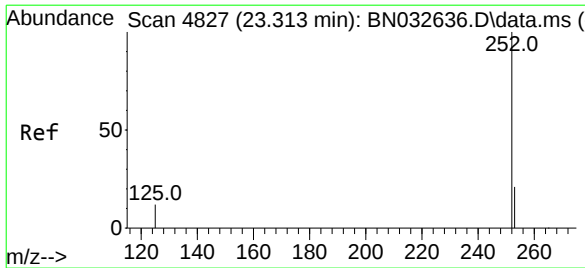
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 3.035 ng/u1 m
RT: 22.751 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

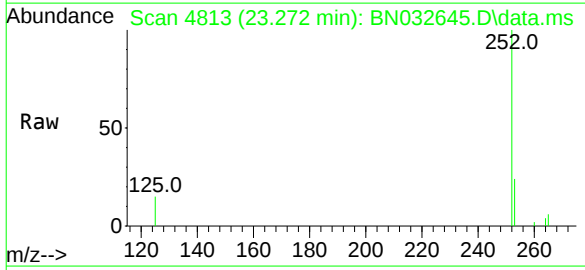
Tgt Ion:252 Resp: 235098
Ion Ratio Lower Upper
252 100
253 24.3 21.2 31.8
125 17.0 14.8 22.2





#26
Benzo(a)pyrene
Concen: 4.303 ng/u1
RT: 23.272 min Scan# 4813
Delta R.T. -0.038 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

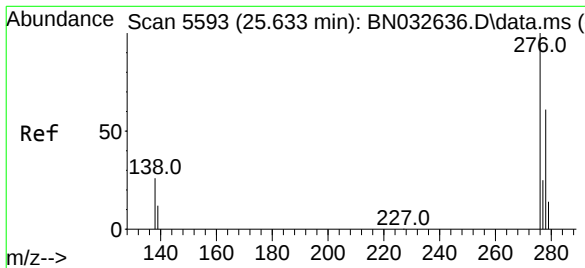
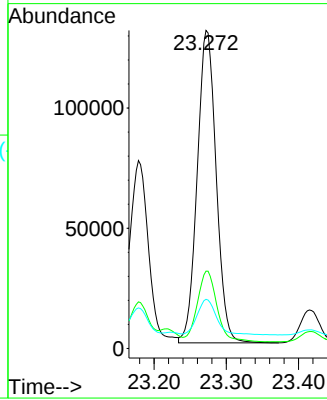
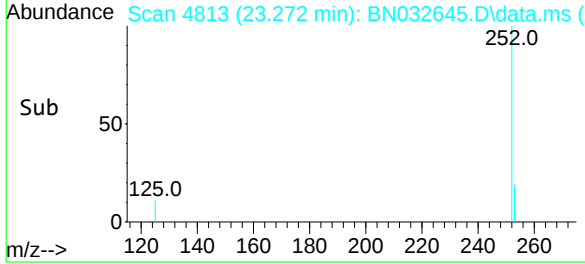
Instrument :
BNA_N
ClientSampleId :
A4CY1



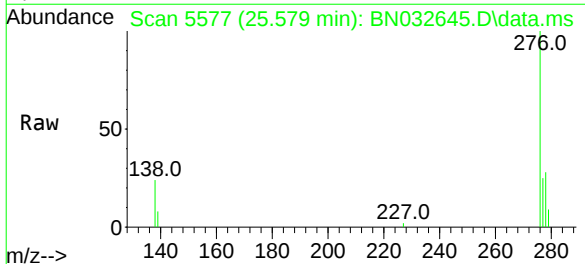
Tgt Ion:	252	Resp:	236688
Ion Ratio	Lower	Upper	
252	100		
253	24.3	25.4	38.0#
125	15.5	20.6	30.8#

Manual Integrations
APPROVED

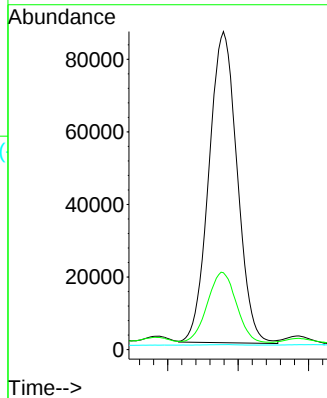
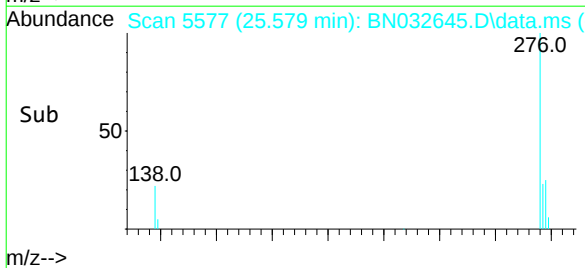
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

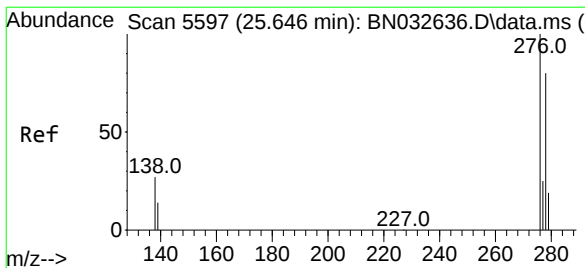


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.214 ng/u1
RT: 25.579 min Scan# 5577
Delta R.T. -0.047 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45



Tgt Ion:	276	Resp:	239394
Ion Ratio	Lower	Upper	
276	100		
138	23.0	21.6	32.4
227	0.3	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 1.407 ng/ul

RT: 25.579 min Scan# 55

Delta R.T. -0.060 min

Lab File: BN032645.D

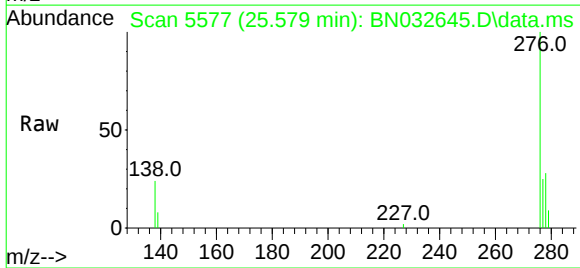
Acq: 11 Jul 2024 20:45

Instrument :

BNA_N

ClientSampleId :

A4CY1



Tgt Ion:278 Resp: 81216

Ion Ratio Lower Upper

278 100

139 27.7 16.6 24.8#

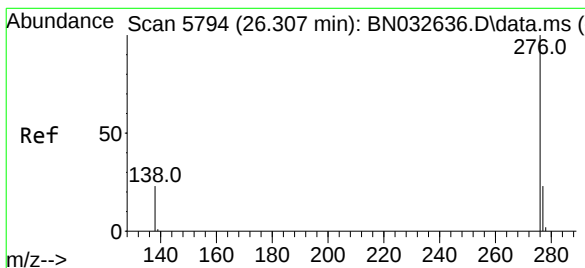
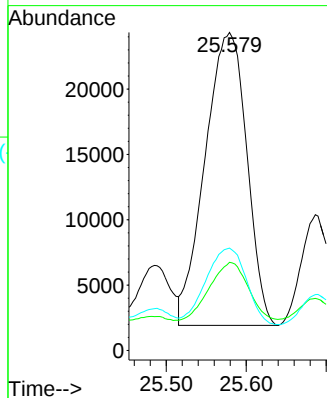
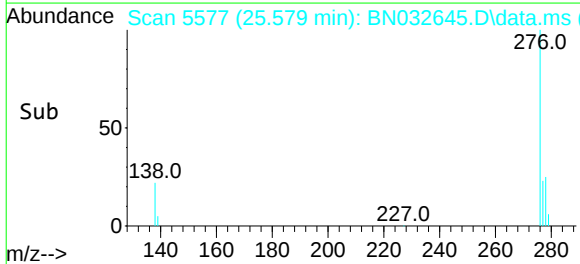
279 32.2 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/16/2024



#29

Benzo(g,h,i)perylene

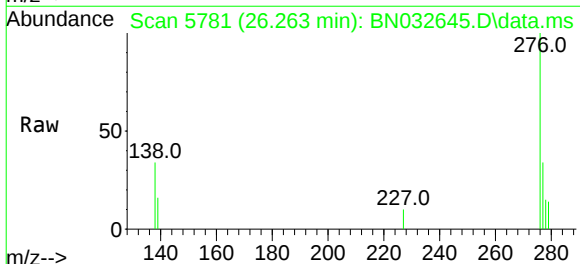
Concen: 0.576 ng/ul

RT: 26.263 min Scan# 5781

Delta R.T. -0.037 min

Lab File: BN032645.D

Acq: 11 Jul 2024 20:45



Tgt Ion:276 Resp: 35868

Ion Ratio Lower Upper

276 100

138 33.7 21.0 31.4#

277 34.5 20.6 31.0#

