

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032652.D
 Acq On : 12 Jul 2024 00:58
 Operator : MA/JU
 Sample : P3035-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB8

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 01:57:26 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	6677	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	19729	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	10295	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	19147m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	15248m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	17063m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	21022	2.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	5138	0.172	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	9234m	0.186	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.376	128	5683	0.107	ng/ul	97
7) 2-Methylnaphthalene	12.004	142	2366	0.072	ng/ul	95
8) 1-Methylnaphthalene	12.230	142	2044	0.060	ng/ul	100
10) Acenaphthylene	13.925	152	12449	0.299	ng/ul	99
11) Acenaphthene	14.267	153	11207	0.326	ng/ul	99
12) Fluorene	15.262	166	14502	0.369	ng/ul	98
15) Phenanthrene	17.003	178	268177m	5.143	ng/ul	
16) Anthracene	17.096	178	53940m	1.266	ng/ul	
19) Fluoranthene	19.031	202	506776m	8.174	ng/ul	
20) Pyrene	19.398	202	349181m	5.441	ng/ul	
21) Benzo(a)anthracene	21.156	228	232861m	4.798	ng/ul	
22) Chrysene	21.206	228	238612m	3.398	ng/ul	
24) Benzo(b)fluoranthene	22.710	252	306428m	5.090	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	118433m	1.614	ng/ul	
26) Benzo(a)pyrene	23.272	252	119414m	2.292	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.579	276	105764m	1.499	ng/ul	
28) Dibenzo(a,h)anthracene	25.579	278	37327m	0.683	ng/ul	
29) Benzo(g,h,i)perylene	26.256	276	15065m	0.256	ng/ul	

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

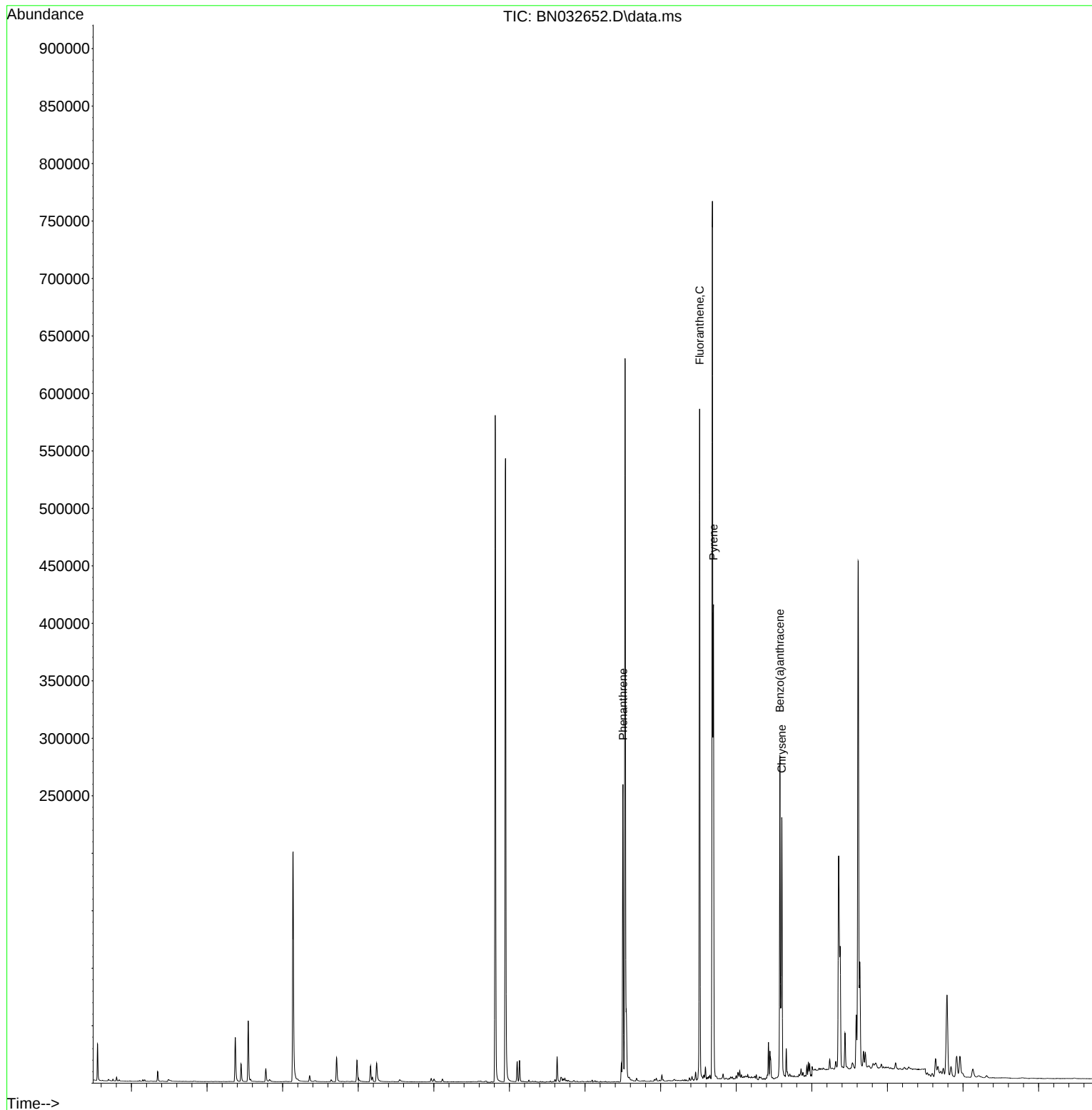
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

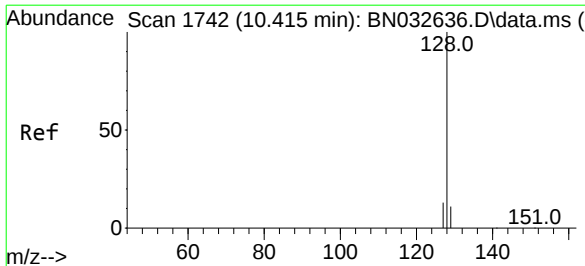
Instrument :
BNA_N
ClientSampleId :
A4CB8

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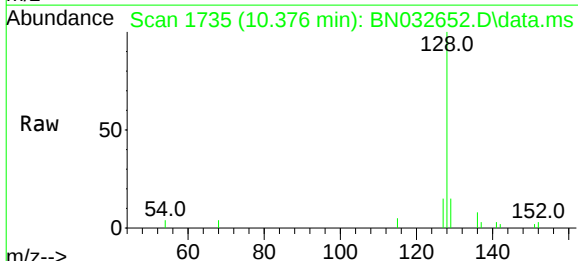
Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





Naphthalene
 Concen: 0.107 ng/ul
 RT: 10.376 min Scan# 1742
 Delta R.T. -0.033 min
 Lab File: BN032652.D
 Acq: 12 Jul 2024 00:58

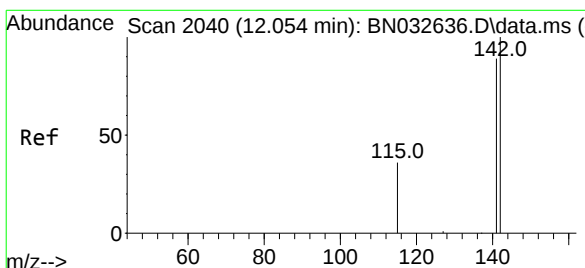
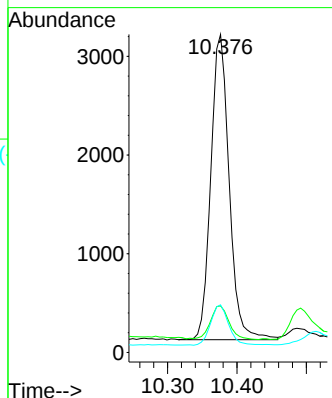
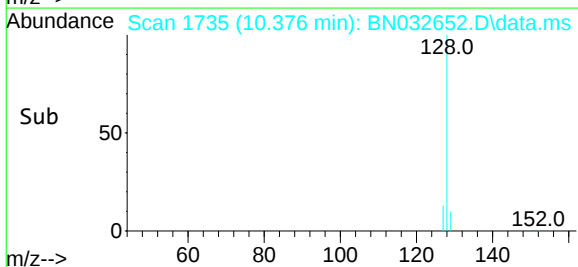
Instrument : BNA_N
 ClientSampleId : A4CB8



Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.6	10.0	15.0
127	15.0	11.6	17.4

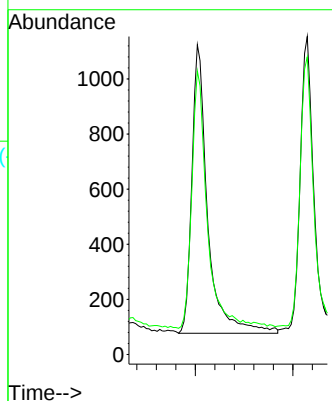
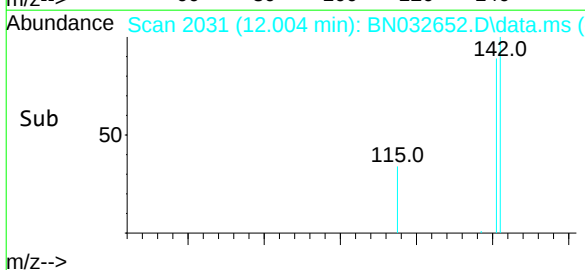
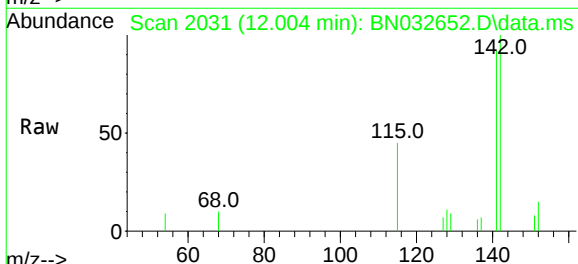
Manual Integrations
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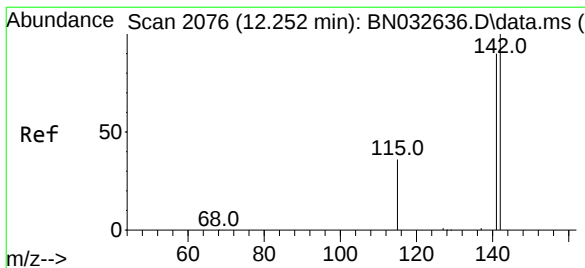
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



2-Methylnaphthalene
 Concen: 0.072 ng/ul
 RT: 12.004 min Scan# 2031
 Delta R.T. -0.044 min
 Lab File: BN032652.D
 Acq: 12 Jul 2024 00:58

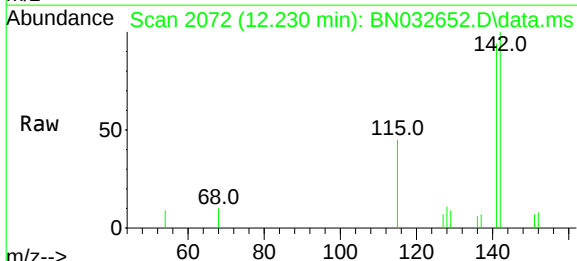
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	74.0	111.0





#8
1-Methylnaphthalene
Concen: 0.060 ng/u1
RT: 12.230 min Scan# 2076
Delta R.T. -0.017 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

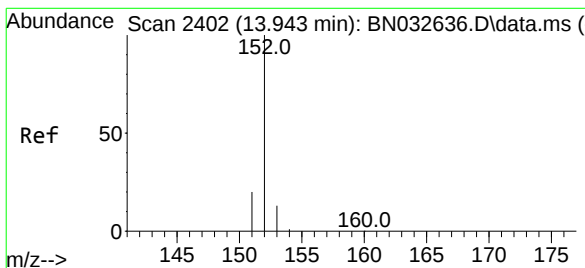
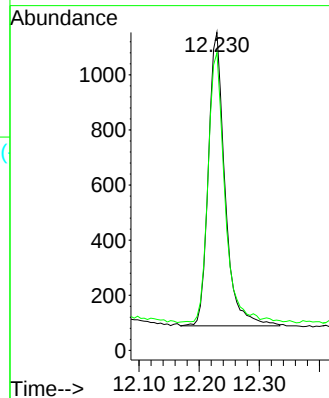
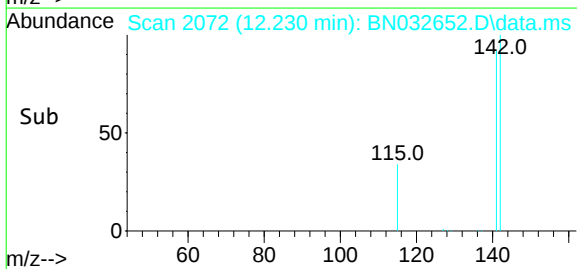
Instrument :
BNA_N
ClientSampleId :
A4CB8



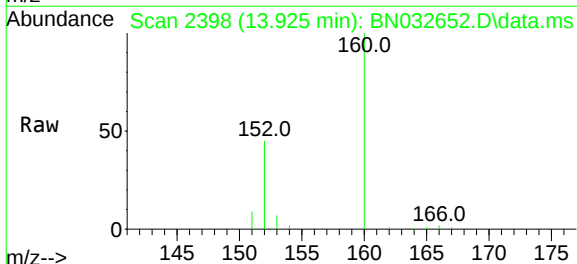
Tgt Ion:142 Resp: 2044
Ion Ratio Lower Upper
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141 93.5 75.0 112.4

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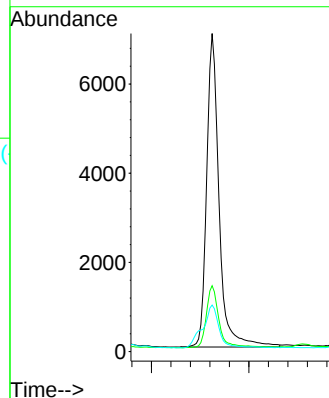
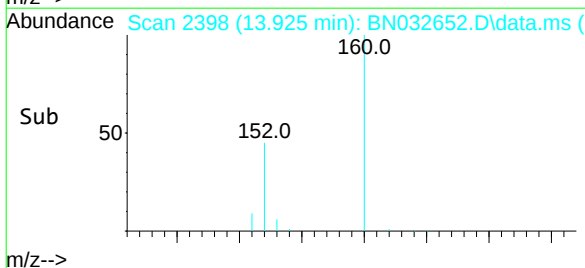
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

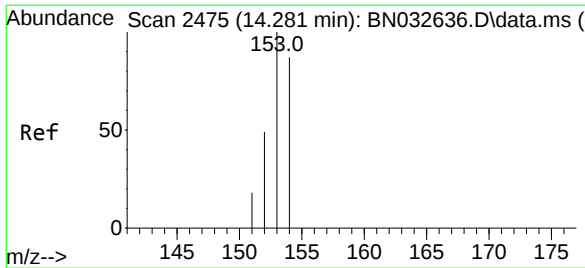


#10
Acenaphthylene
Concen: 0.299 ng/u1
RT: 13.925 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58



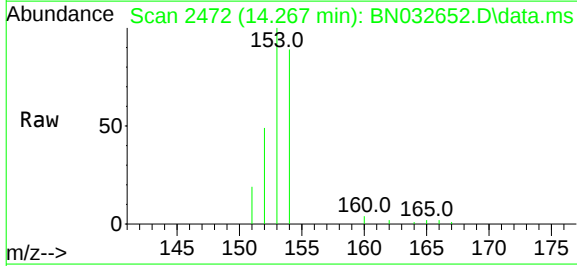
Tgt Ion:152 Resp: 12449
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.6 11.3 16.9





#11
Acenaphthene
Concen: 0.326 ng/u1
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

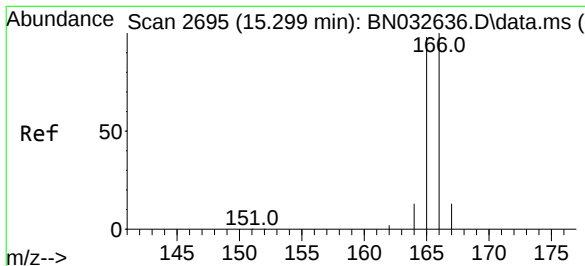
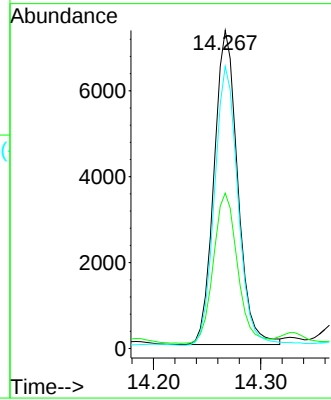
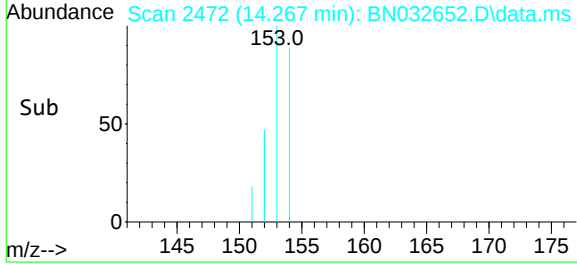
Instrument :
BNA_N
ClientSampleId :
A4CB8



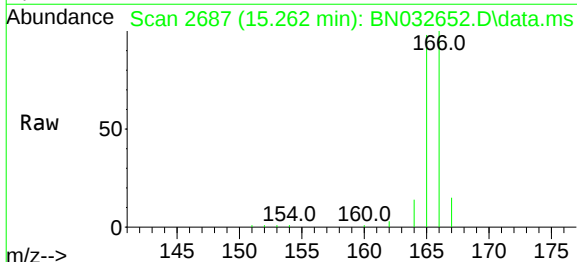
Tgt Ion:153 Resp: 11207
Ion Ratio Lower Upper
153 100
152 48.8 40.0 60.0
154 88.7 70.2 105.4

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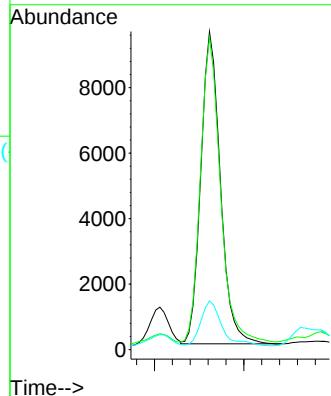
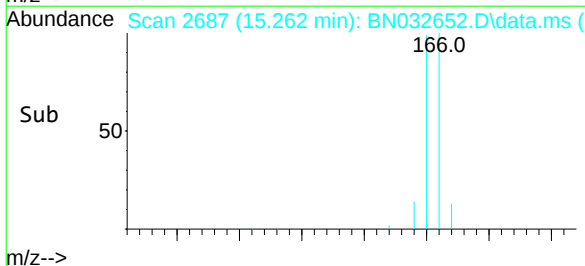
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

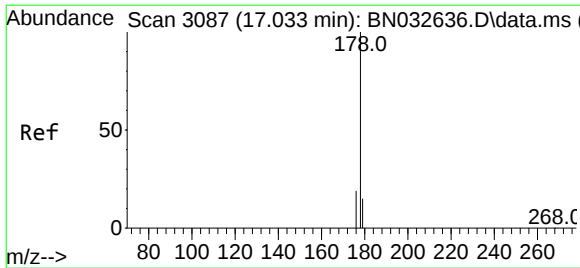


#12
Fluorene
Concen: 0.369 ng/u1
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58



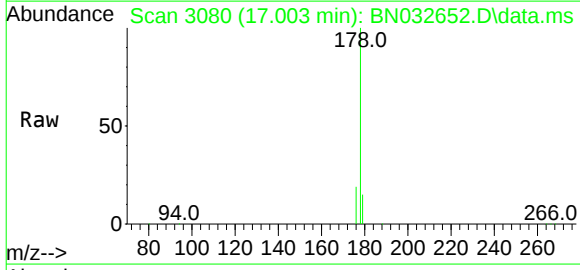
Tgt Ion:166 Resp: 14502
Ion Ratio Lower Upper
166 100
165 98.2 79.7 119.5
167 15.3 11.4 17.2





#15
Phenanthrene
Concen: 5.143 ng/ul m
RT: 17.003 min Scan# 3087
Delta R.T. -0.025 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

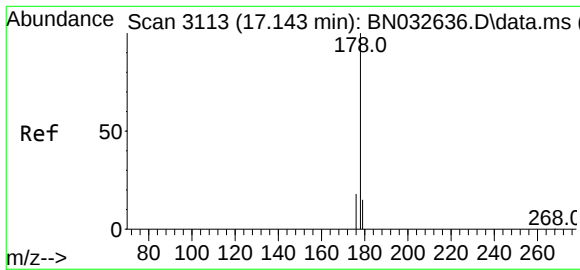
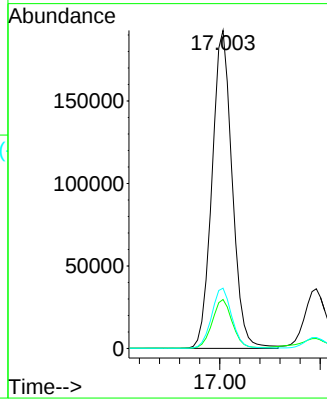
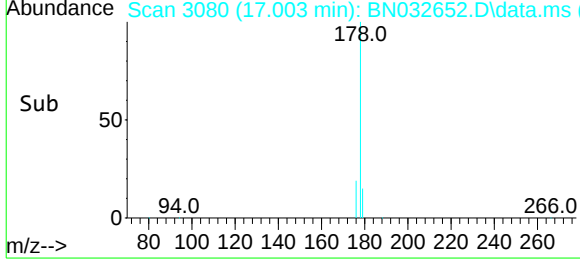
Instrument :
BNA_N
ClientSampleId :
A4CB8



Tgt Ion:	178	Resp:	268177
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.4
176	19.0	15.6	23.4

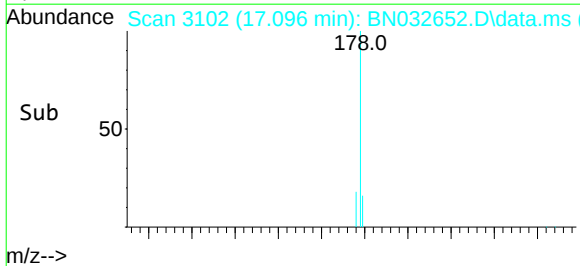
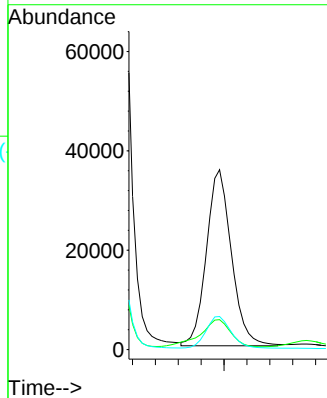
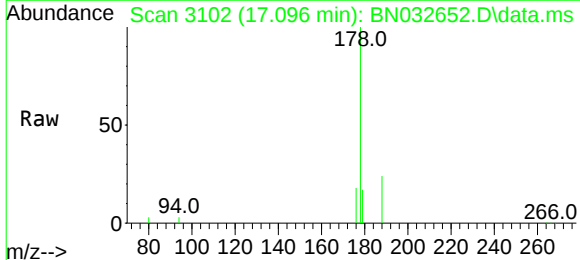
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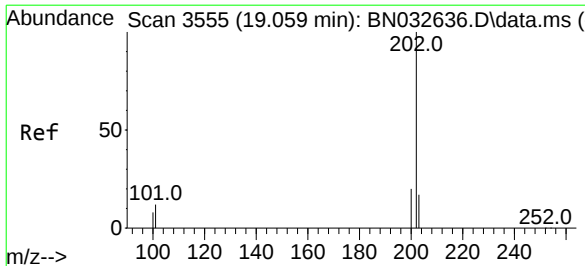
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 1.266 ng/ul m
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

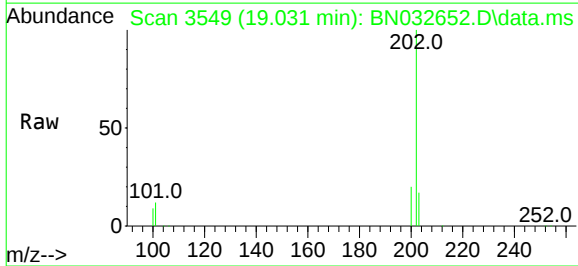
Tgt Ion:	178	Resp:	53940
Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.4	20.2
176	18.4	15.4	23.0





#19
Fluoranthene
Concen: 8.174 ng/u1 m
RT: 19.031 min Scan# 35
Delta R.T. -0.023 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

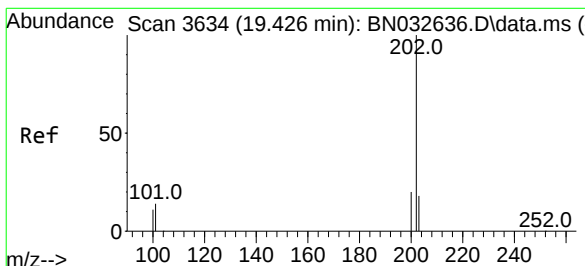
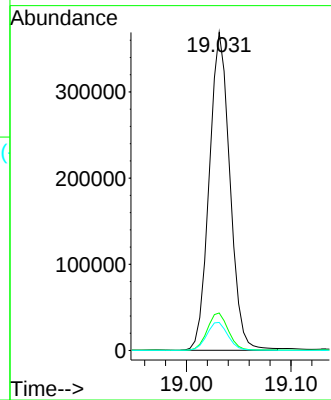
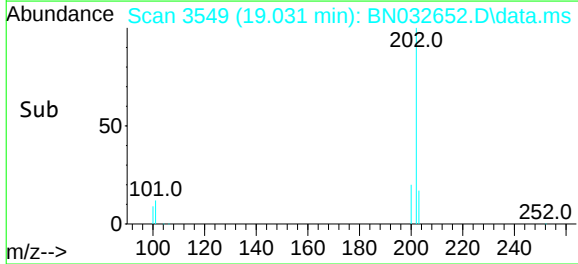
Instrument :
BNA_N
ClientSampleId :
A4CB8



Tgt Ion:202 Resp: 506776
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.8 7.9 11.9

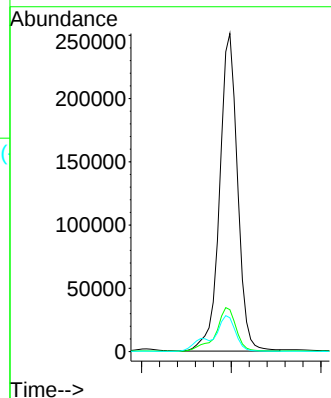
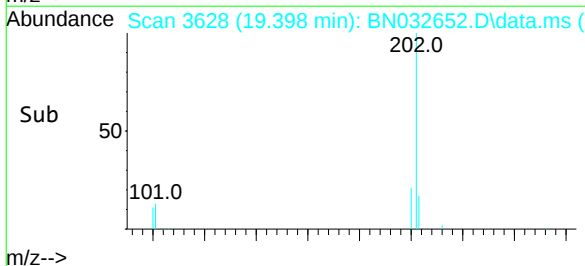
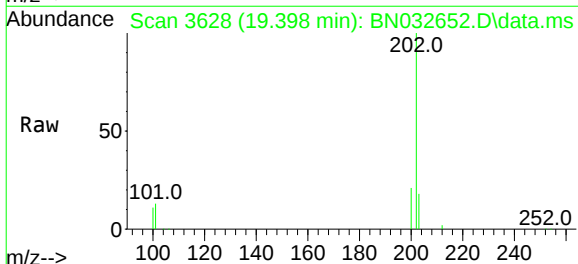
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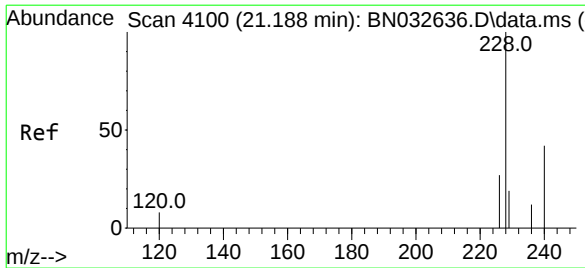
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 5.441 ng/u1 m
RT: 19.398 min Scan# 3628
Delta R.T. -0.023 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

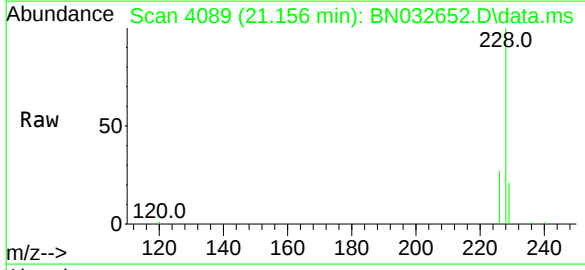
Tgt Ion:202 Resp: 349181
Ion Ratio Lower Upper
202 100
101 13.2 11.8 17.6
100 10.6 9.6 14.4





#21
 Benzo(a)anthracene
 Concen: 4.798 ng/ul m
 RT: 21.156 min Scan# 4089
 Delta R.T. -0.026 min
 Lab File: BN032652.D
 Acq: 12 Jul 2024 00:58

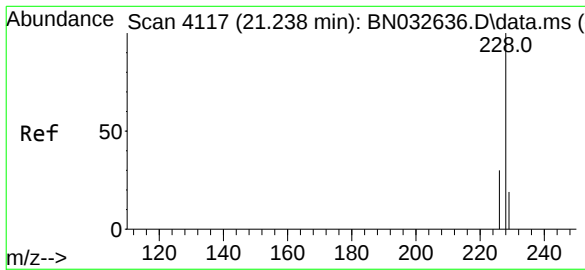
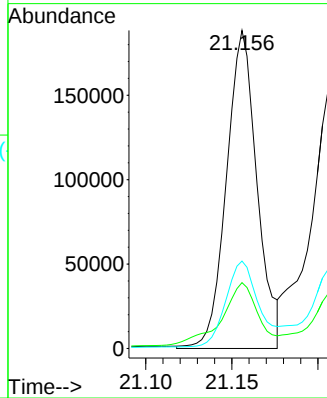
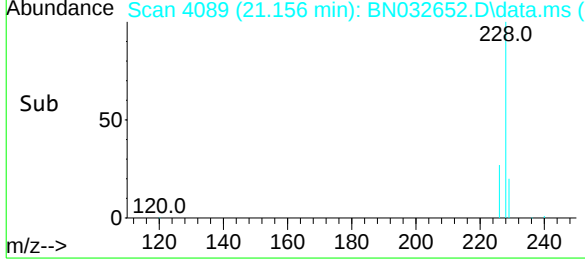
Instrument : BNA_N
 ClientSampleId : A4CB8



Tgt Ion:	228	Resp:	232861
Ion Ratio	Lower	Upper	
228	100		
229	20.7	16.1	24.1
226	27.5	21.9	32.9

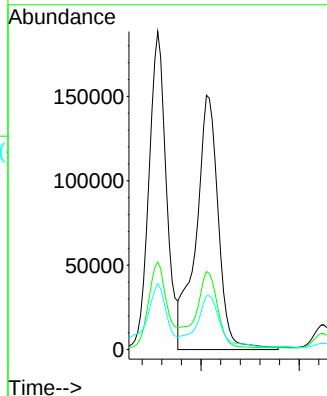
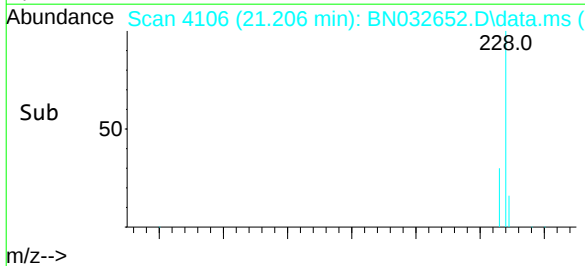
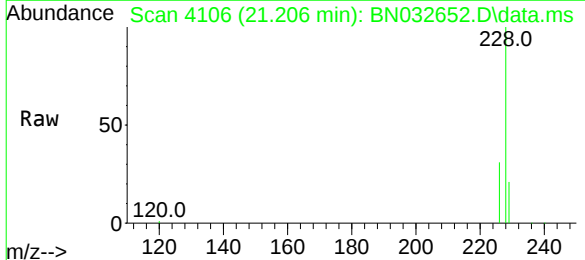
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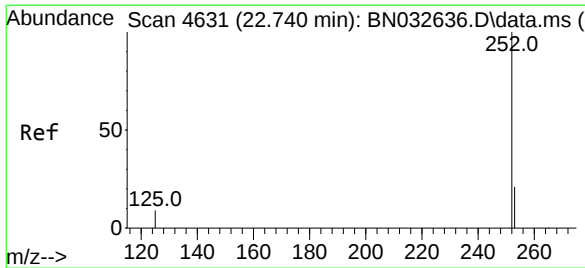
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



#22
 Chrysene
 Concen: 3.398 ng/ul m
 RT: 21.206 min Scan# 4106
 Delta R.T. -0.026 min
 Lab File: BN032652.D
 Acq: 12 Jul 2024 00:58

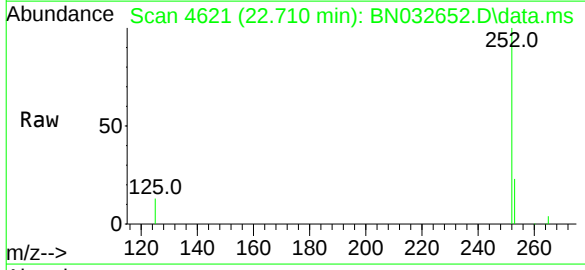
Tgt Ion:	228	Resp:	238612
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.0	36.0
229	21.2	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 5.090 ng/ul m
RT: 22.710 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

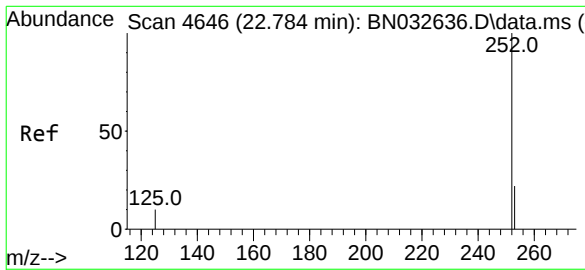
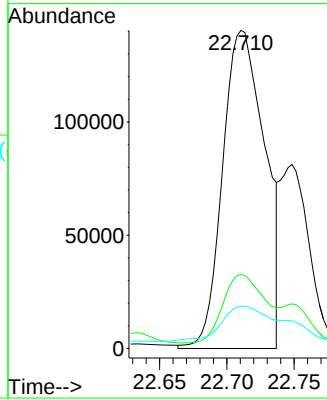
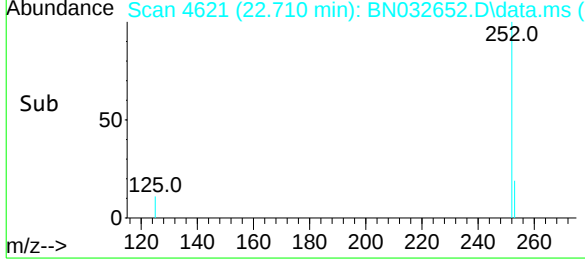
Instrument :
BNA_N
ClientSampleId :
A4CB8



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	54.0
125	13.3	0.0	36.0

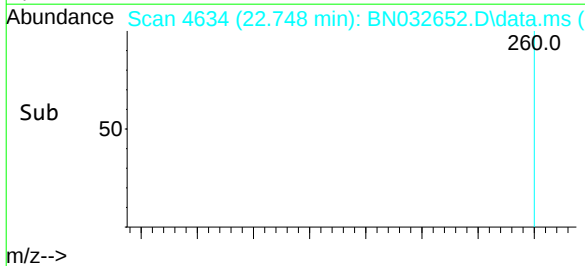
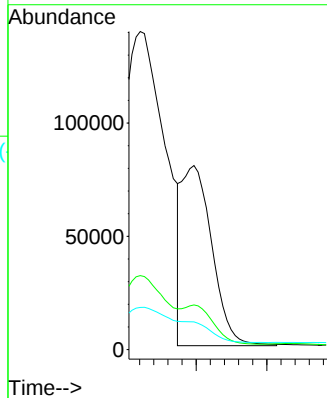
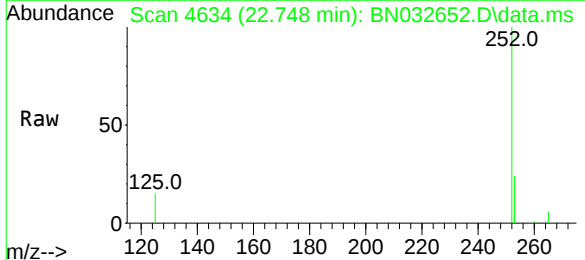
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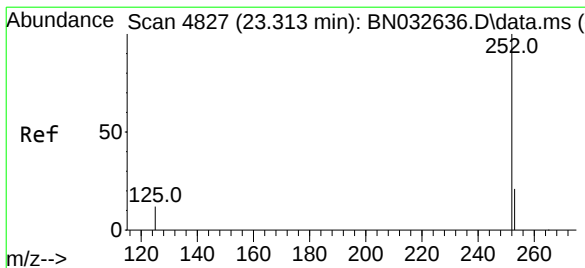
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 1.614 ng/ul m
RT: 22.748 min Scan# 4634
Delta R.T. -0.029 min
Lab File: BN032652.D
Acq: 12 Jul 2024 00:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	21.2	31.8
125	15.1	14.8	22.2





#26

Benzo(a)pyrene

Concen: 2.292 ng/ul m

RT: 23.272 min Scan# 48

Delta R.T. -0.038 min

Lab File: BN032652.D

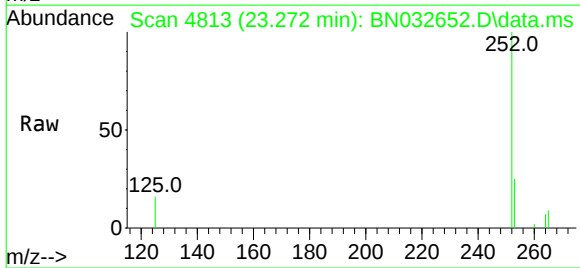
Acq: 12 Jul 2024 00:58

Instrument :

BN032652.D

ClientSampleId :

A4CB8



Tgt Ion:252 Resp: 119414

Ion Ratio Lower Upper

252 100

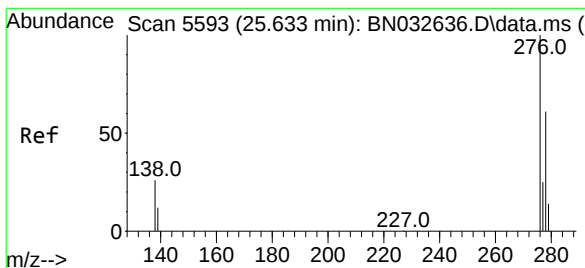
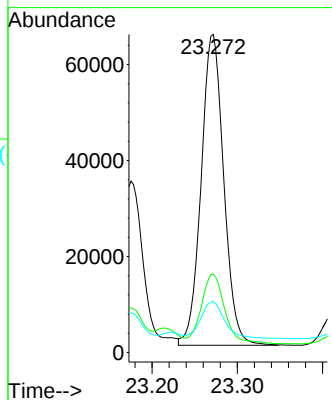
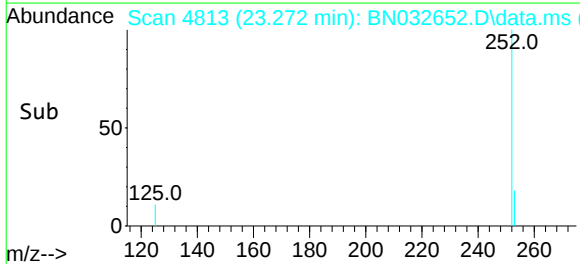
253 24.6 25.4 38.0#

125 16.1 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: 1.499 ng/ul m

RT: 25.579 min Scan# 5577

Delta R.T. -0.047 min

Lab File: BN032652.D

Acq: 12 Jul 2024 00:58

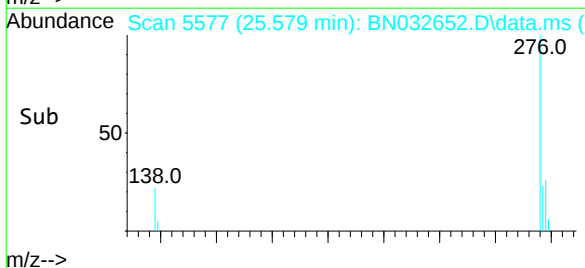
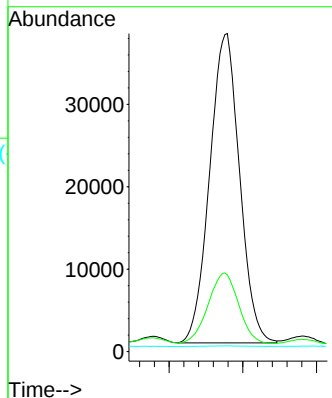
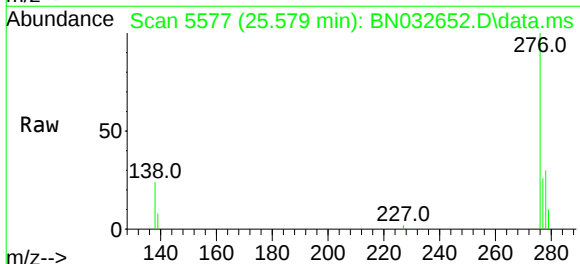
Tgt Ion:276 Resp: 105764

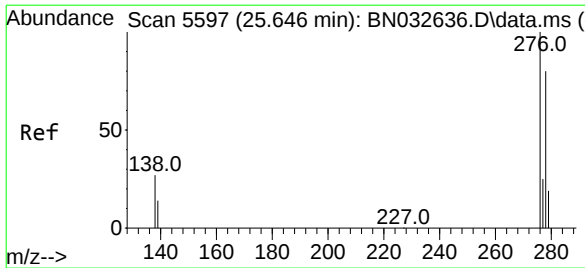
Ion Ratio Lower Upper

276 100

138 4.0 21.6 32.4#

227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.683 ng/ul m

RT: 25.579 min Scan# 55

Delta R.T. -0.060 min

Lab File: BN032652.D

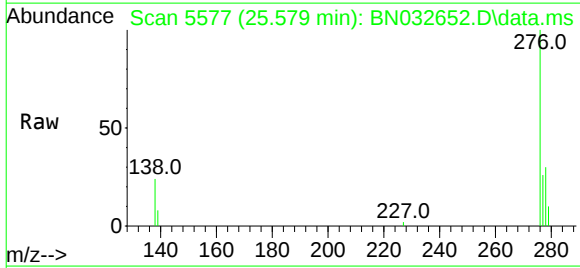
Acq: 12 Jul 2024 00:58

Instrument :

BNA_N

ClientSampleId :

A4CB8

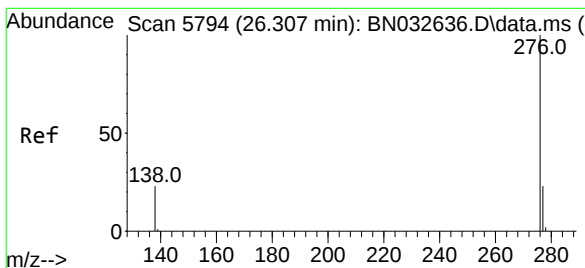
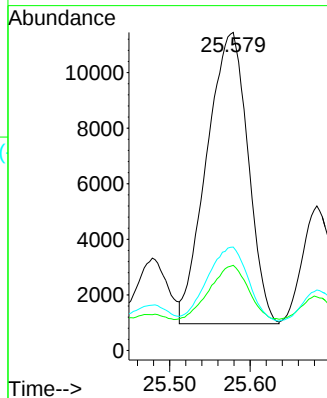
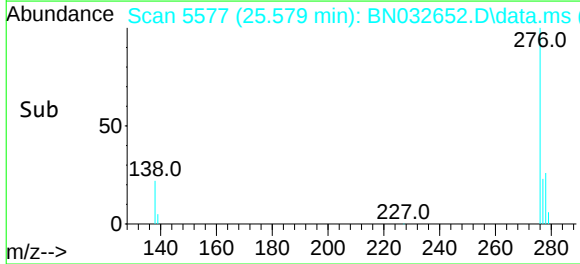


Tgt Ion:	278	Resp:	37327
Ion	Ratio	Lower	Upper
278	100		
139	26.8	16.6	24.8#
279	32.5	23.7	35.5

Manual Integrations

APPROVED

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



#29

Benzo(g,h,i)perylene

Concen: 0.256 ng/ul m

RT: 26.256 min Scan# 5779

Delta R.T. -0.044 min

Lab File: BN032652.D

Acq: 12 Jul 2024 00:58

Tgt Ion:	276	Resp:	15065
Ion	Ratio	Lower	Upper
276	100		
138	35.6	21.0	31.4#
277	36.0	20.6	31.0#

