

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032668.D
 Acq On : 12 Jul 2024 11:58
 Operator : MA/JU
 Sample : P3087-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CC1

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 12:56:55 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	7.553	152	7613	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	25843	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	16179	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	34078m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.173	240	19345m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	20447m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	28226	3.088	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	10033	0.257	ng/ul	-0.05
18) Fluoranthene-d10	18.999	212	20710	0.329	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	30332	0.437	ng/ul	97
7) 2-Methylnaphthalene	11.999	142	11440	0.264	ng/ul	96
8) 1-Methylnaphthalene	12.219	142	8413	0.188	ng/ul	100
10) Acenaphthylene	13.920	152	22346	0.342	ng/ul	98
11) Acenaphthene	14.262	153	52543	0.972	ng/ul	99
12) Fluorene	15.257	166	85365	1.381	ng/ul	99
14) Pentachlorophenol	16.636	266	167m	0.028	ng/ul	
15) Phenanthrene	16.999	178	969691m	10.448	ng/ul	
16) Anthracene	17.092	178	216872m	2.860	ng/ul	
19) Fluoranthene	19.031	202	1284462	16.331	ng/ul	96
20) Pyrene	19.394	202	800767	9.836	ng/ul	100
21) Benzo(a)anthracene	21.156	228	436565	7.090	ng/ul	99
22) Chrysene	21.209	228	409948	4.602	ng/ul	98
24) Benzo(b)fluoranthene	22.711	252	479689m	6.649	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	184004m	2.093	ng/ul	
26) Benzo(a)pyrene	23.272	252	177643	2.845	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.576	276	155580	1.840	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.576	278	56534	0.863	ng/ul#	92
29) Benzo(g,h,i)perylene	26.260	276	23601	0.334	ng/ul#	81

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

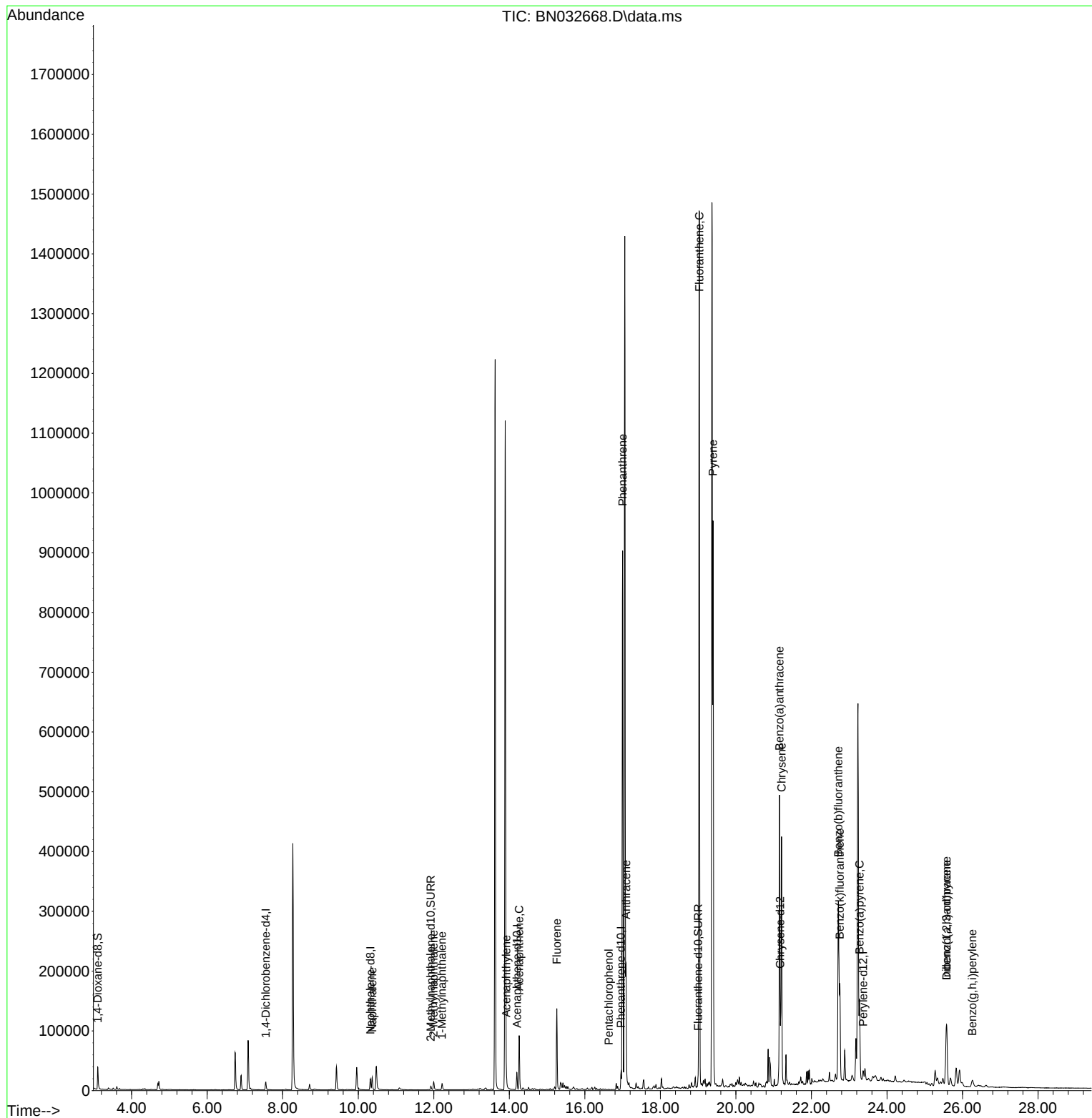
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

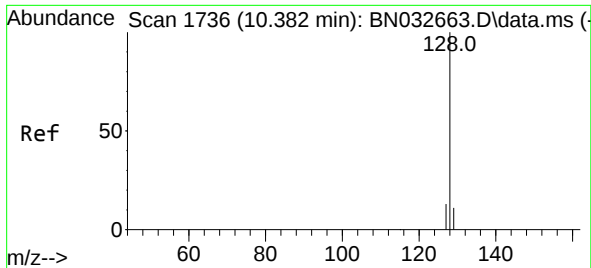
Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual Integrations
APPROVED

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

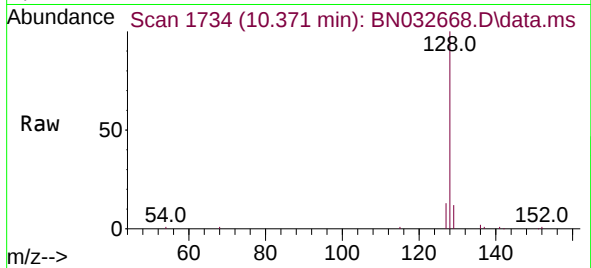
Quant Time: Jul 12 12:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.437 ng/ul
RT: 10.371 min Scan# 1736
Delta R.T. -0.038 min
Lab File: BN032668.D
Acq: 12 Jul 2024 11:58

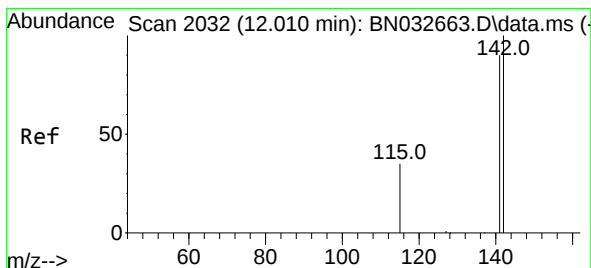
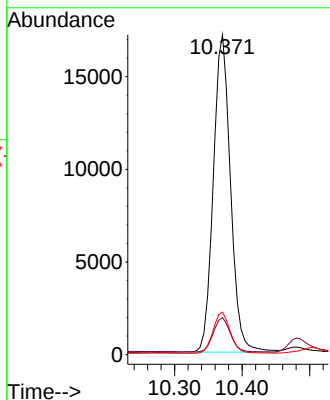
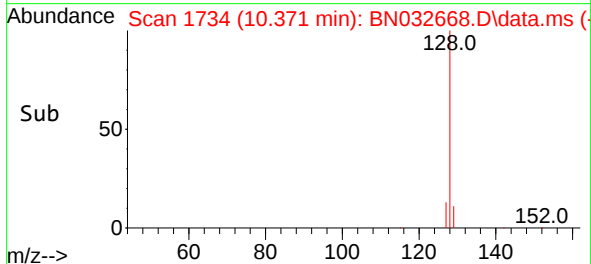
Instrument :
BNA_N
ClientSampleId :
A4CC1



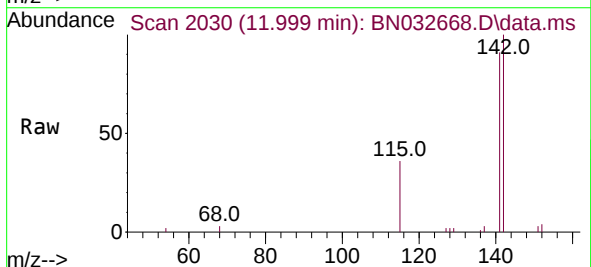
Tgt Ion:128 Resp: 30332
Ion Ratio Lower Upper
128 100
129 11.6 10.0 15.0
127 13.3 11.6 17.4

Manual Integrations
APPROVED

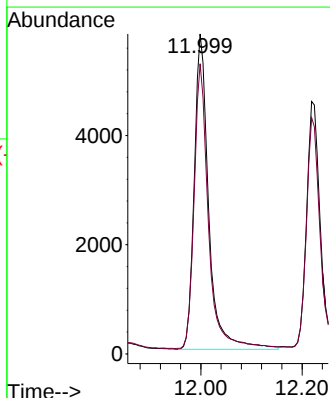
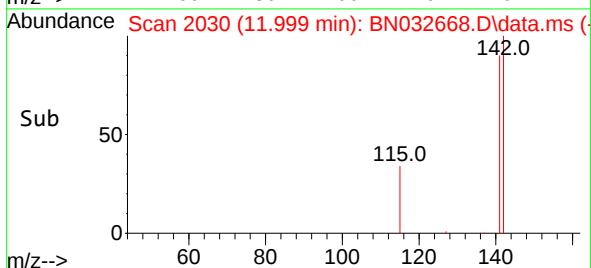
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

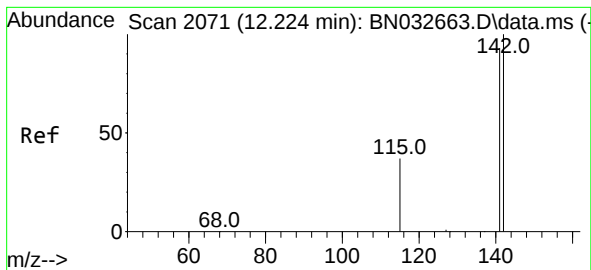


#7
2-Methylnaphthalene
Concen: 0.264 ng/ul
RT: 11.999 min Scan# 2030
Delta R.T. -0.049 min
Lab File: BN032668.D
Acq: 12 Jul 2024 11:58



Tgt Ion:142 Resp: 11440
Ion Ratio Lower Upper
142 100
141 89.1 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.188 ng/ul

RT: 12.219 min Scan# 2071

Delta R.T. -0.027 min

Lab File: BN032668.D

Acq: 12 Jul 2024 11:58

Instrument :

BNA_N

ClientSampleId :

A4CC1

Tgt Ion:142 Resp: 841

Ion Ratio Lower Upper

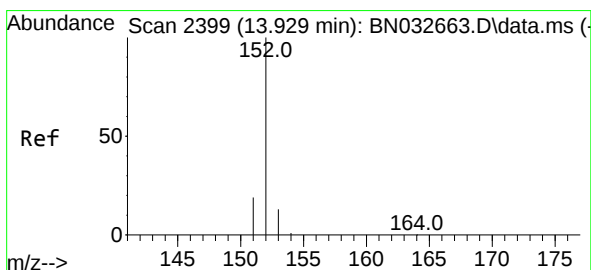
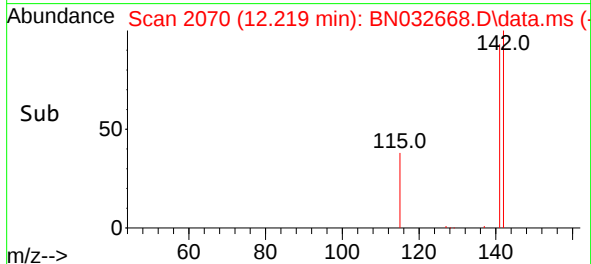
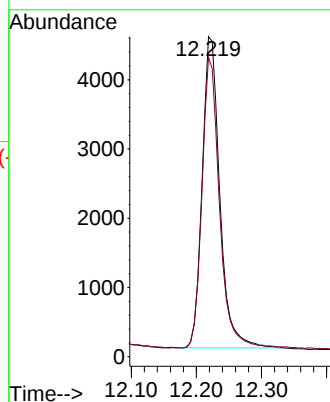
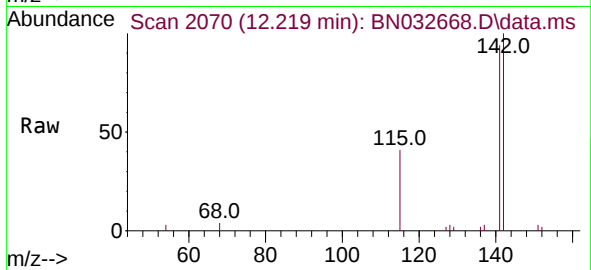
142 100

141 93.2 75.0 112.4

Manual Integrations

APPROVED

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



#10

Acenaphthylene

Concen: 0.342 ng/ul

RT: 13.920 min Scan# 2397

Delta R.T. -0.023 min

Lab File: BN032668.D

Acq: 12 Jul 2024 11:58

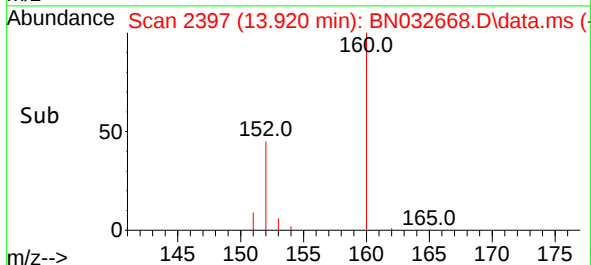
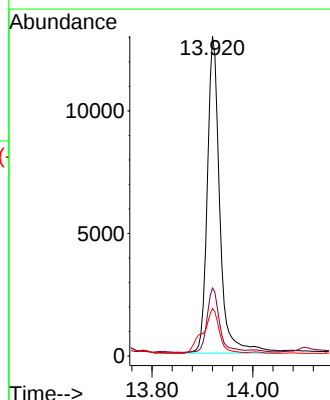
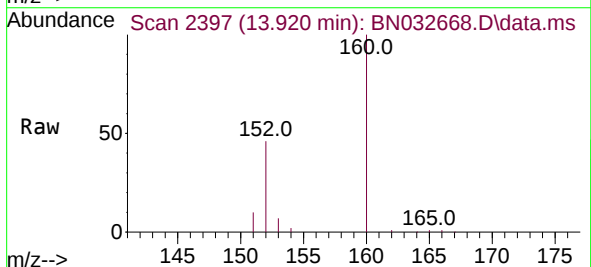
Tgt Ion:152 Resp: 22346

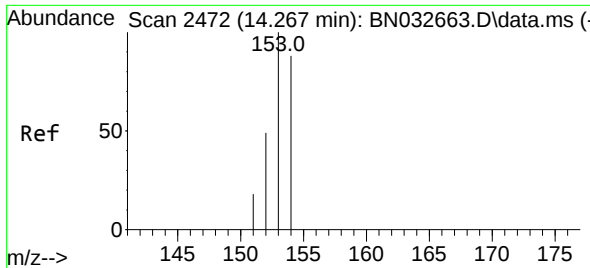
Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

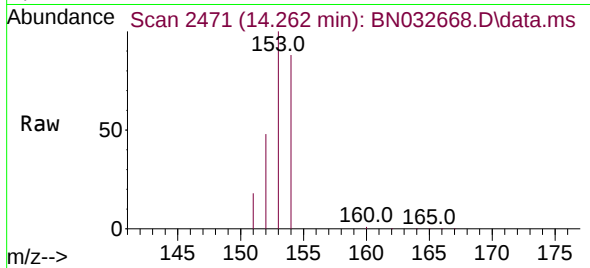
153 14.8 11.3 16.9





#11
Acenaphthene
Concen: 0.972 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.018 min
Lab File: BN032668.D
Acq: 12 Jul 2024 11:58

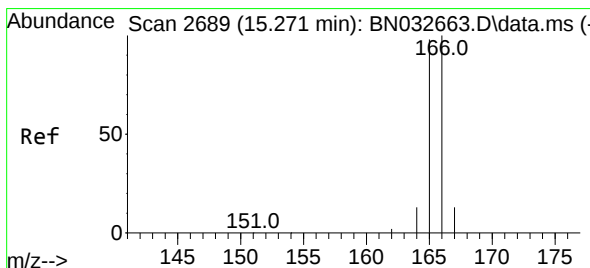
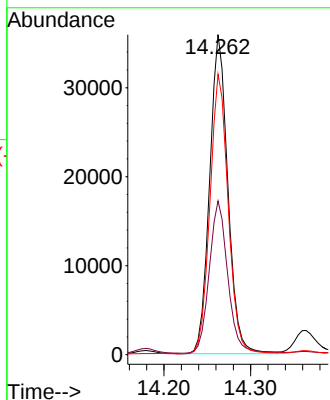
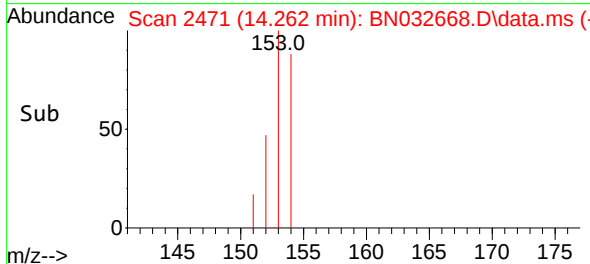
Instrument :
BNA_N
ClientSampleId :
A4CC1



Tgt Ion:153 Resp: 5254
Ion Ratio Lower Upper
153 100
152 48.1 40.0 60.0
154 87.7 70.2 105.4

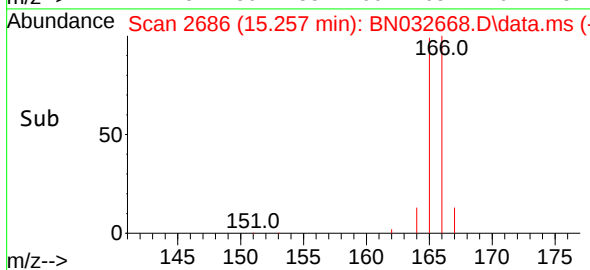
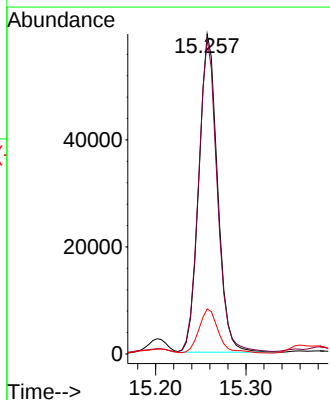
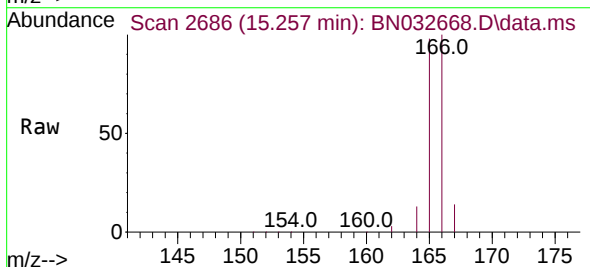
Manual Integrations
APPROVED

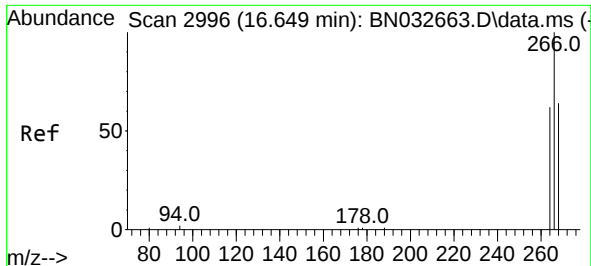
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 1.381 ng/ul
RT: 15.257 min Scan# 2686
Delta R.T. -0.032 min
Lab File: BN032668.D
Acq: 12 Jul 2024 11:58

Tgt Ion:166 Resp: 85365
Ion Ratio Lower Upper
166 100
165 98.4 79.7 119.5
167 14.0 11.4 17.2





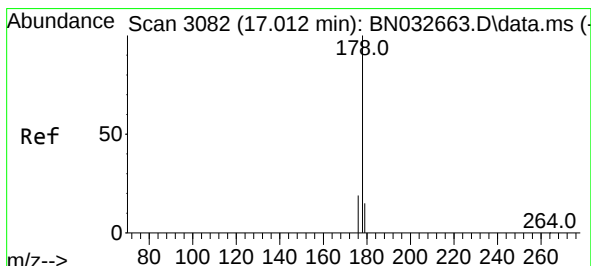
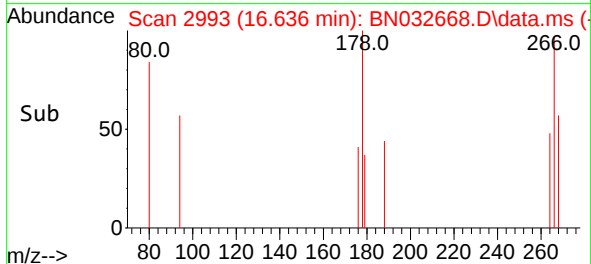
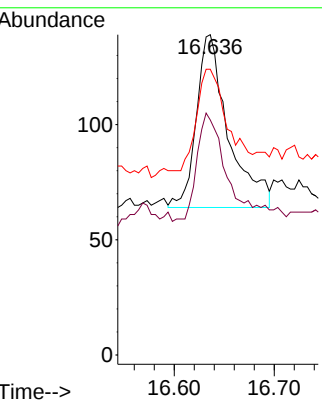
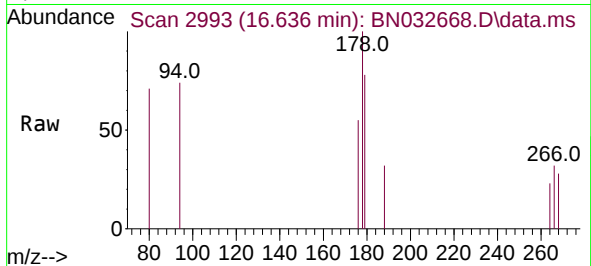
#14
Pentachlorophenol
Concen: 0.028 ng/ul m
RT: 16.636 min Scan# 2996
Delta R.T. -0.034 min
Lab File: BN032668.D
Acq: 12 Jul 2024 11:58

Instrument :
BNA_N
ClientSampleId :
A4CC1

Tgt Ion:266 Resp: 16
Ion Ratio Lower Upper
266 100
264 0.6 49.4 74.2
268 0.0 51.6 77.4

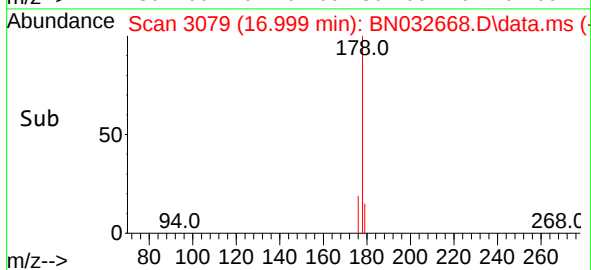
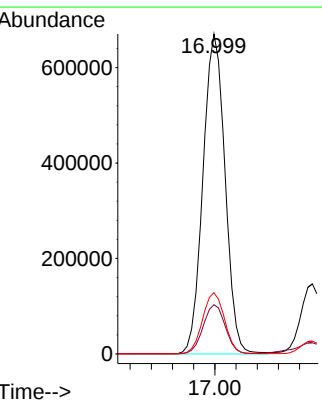
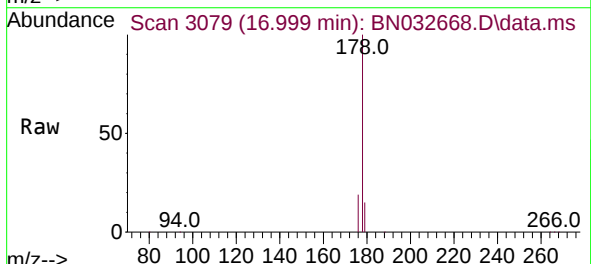
Manual Integrations
APPROVED

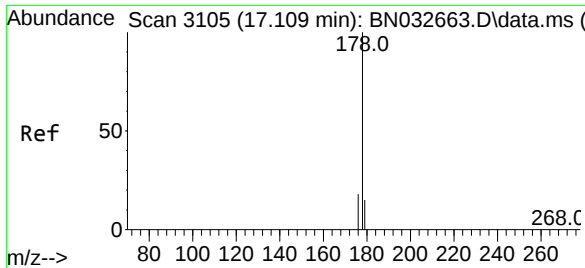
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 10.448 ng/ul m
RT: 16.999 min Scan# 3079
Delta R.T. -0.030 min
Lab File: BN032668.D
Acq: 12 Jul 2024 11:58

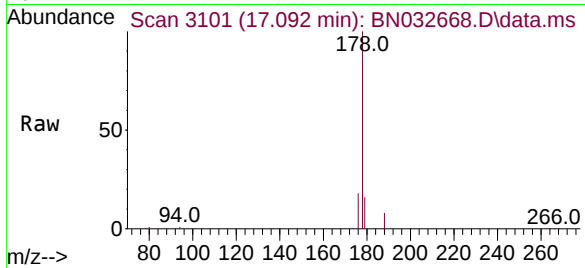
Tgt Ion:178 Resp: 969691
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.1 15.6 23.4





#16
 Anthracene
 Concen: 2.860 ng/ul m
 RT: 17.092 min Scan# 3105
 Delta R.T. -0.046 min
 Lab File: BN032668.D
 Acq: 12 Jul 2024 11:58

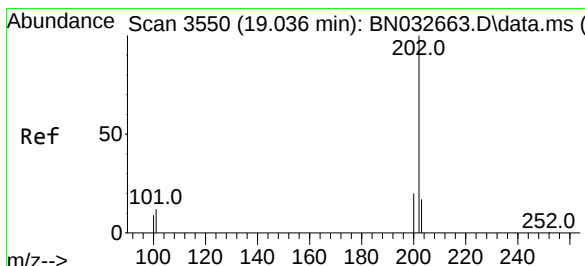
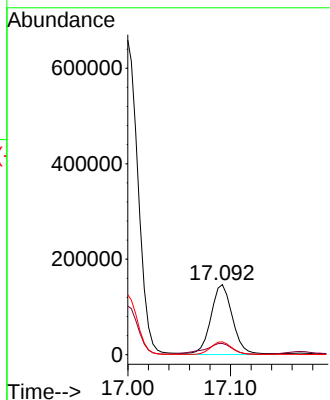
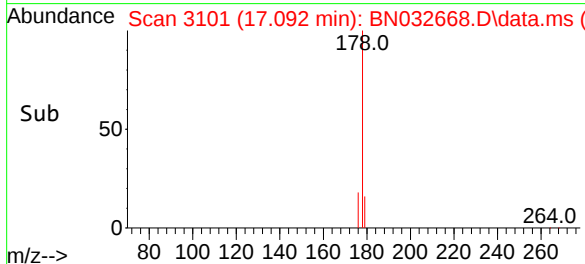
Instrument :
 BNA_N
 ClientSampleId :
 A4CC1



Tgt Ion:178 Resp: 216872
 Ion Ratio Lower Upper
 178 100
 179 16.1 13.4 20.2
 176 18.3 15.4 23.0

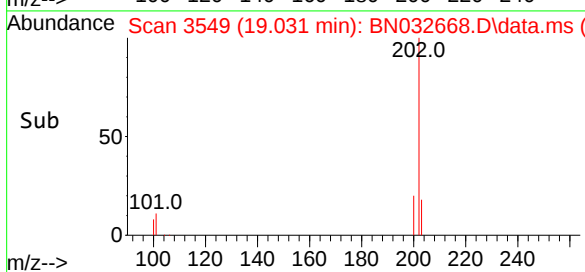
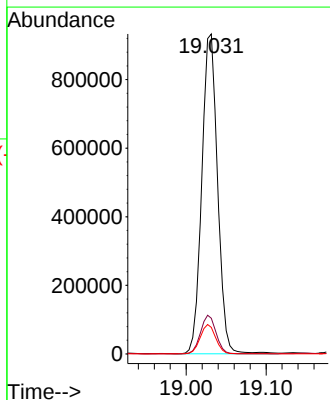
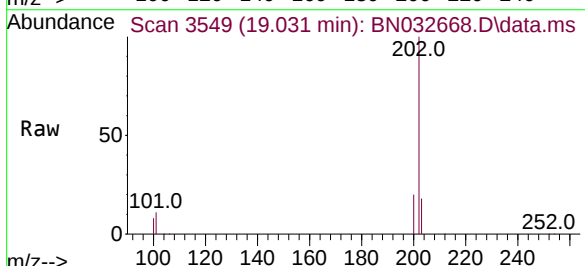
Manual Integrations
 APPROVED

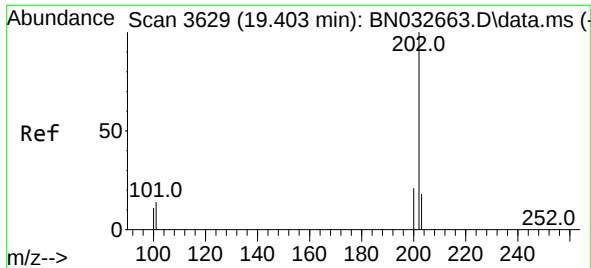
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 16.331 ng/ul
 RT: 19.031 min Scan# 3549
 Delta R.T. -0.023 min
 Lab File: BN032668.D
 Acq: 12 Jul 2024 11:58

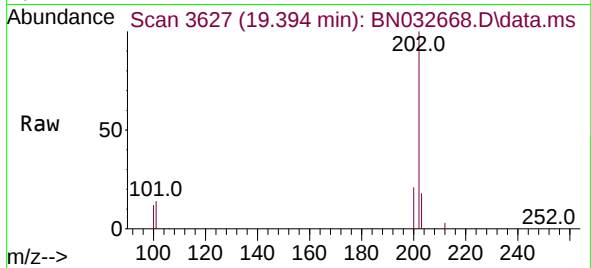
Tgt Ion:202 Resp: 1284462
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.8 14.8
 100 8.3 7.9 11.9





#20
Pyrene
Concen: 9.836 ng/u1
RT: 19.394 min Scan# 30
Delta R.T. -0.028 min
Lab File: BN032668.D
Acq: 12 Jul 2024 11:58

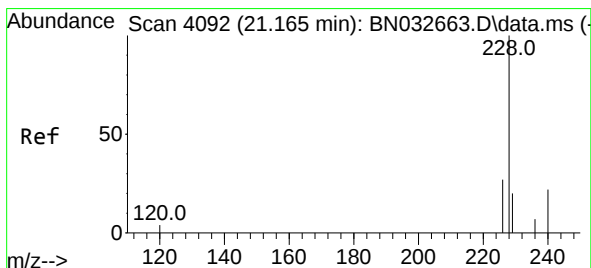
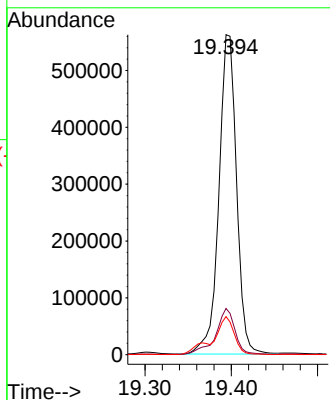
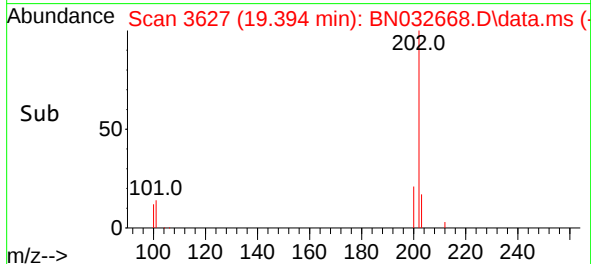
Instrument :
BNA_N
ClientSampleId :
A4CC1



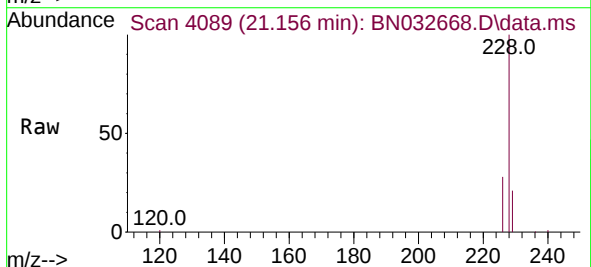
Tgt Ion:202 Resp: 80076
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 11.9 9.6 14.4

Manual Integrations
APPROVED

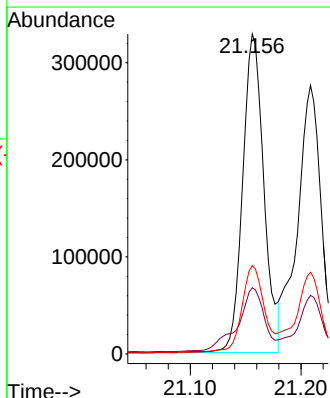
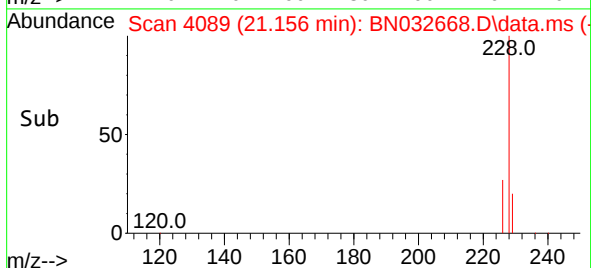
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

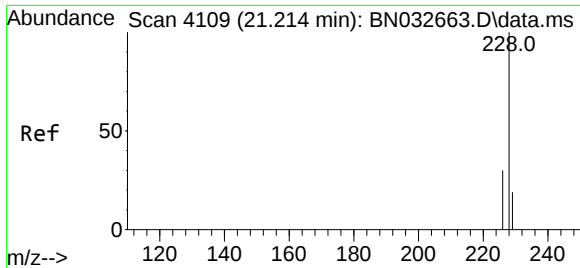


#21
Benzo(a)anthracene
Concen: 7.090 ng/u1
RT: 21.156 min Scan# 4089
Delta R.T. -0.026 min
Lab File: BN032668.D
Acq: 12 Jul 2024 11:58



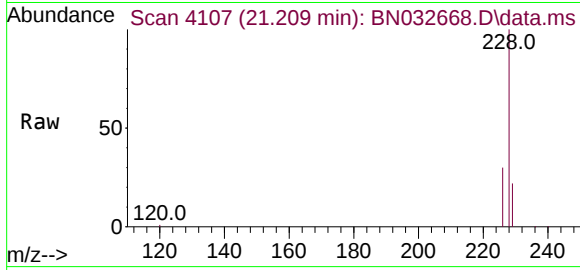
Tgt Ion:228 Resp: 436565
Ion Ratio Lower Upper
228 100
229 20.7 16.1 24.1
226 27.6 21.9 32.9





#22
Chrysene
Concen: 4.602 ng/ul
RT: 21.209 min Scan# 4109
Delta R.T. -0.023 min
Lab File: BN032668.D
Acq: 12 Jul 2024 11:58

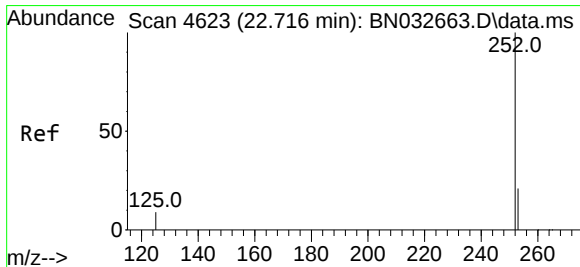
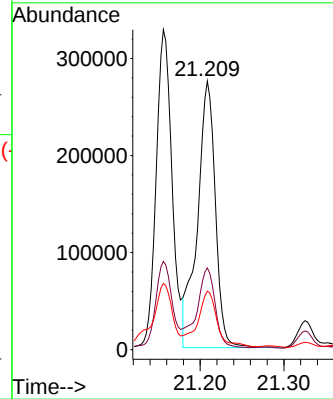
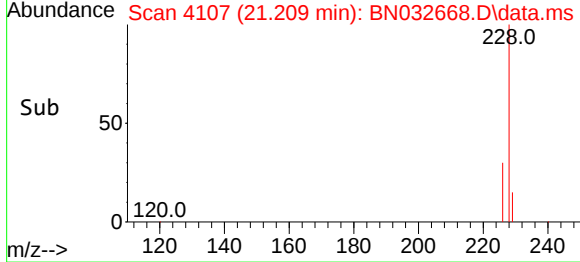
Instrument :
BNA_N
ClientSampleId :
A4CC1



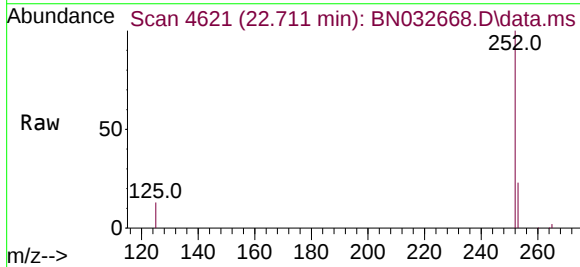
Tgt Ion:228 Resp: 409948
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 21.8 15.8 23.6

Manual Integrations
APPROVED

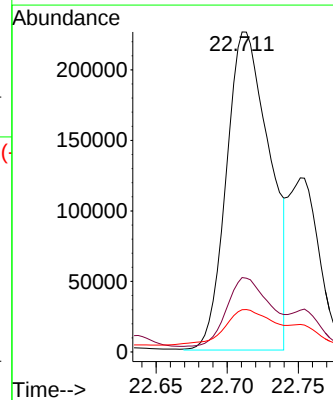
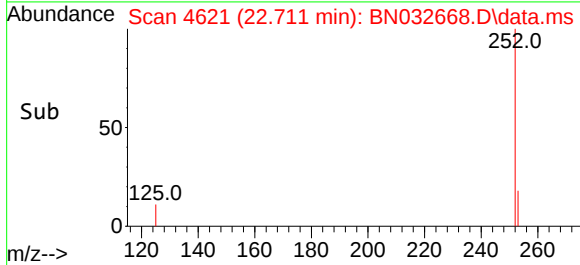
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

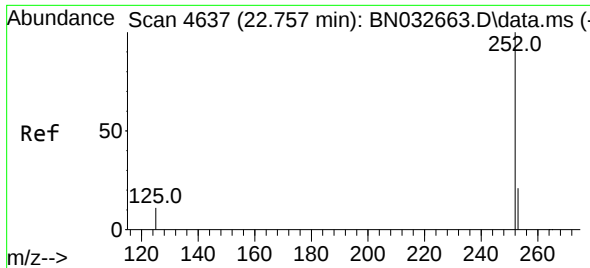


#24
Benzo(b)fluoranthene
Concen: 6.649 ng/ul m
RT: 22.711 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032668.D
Acq: 12 Jul 2024 11:58



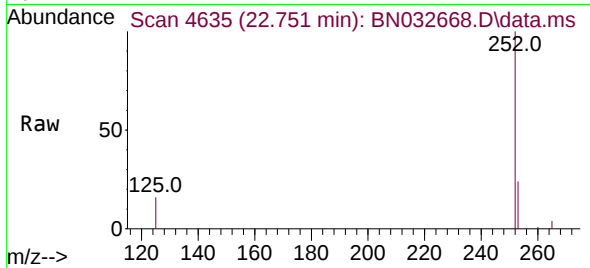
Tgt Ion:252 Resp: 479689
Ion Ratio Lower Upper
252 100
253 23.2 0.0 54.0
125 13.2 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 2.093 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032668.D
Acq: 12 Jul 2024 11:58

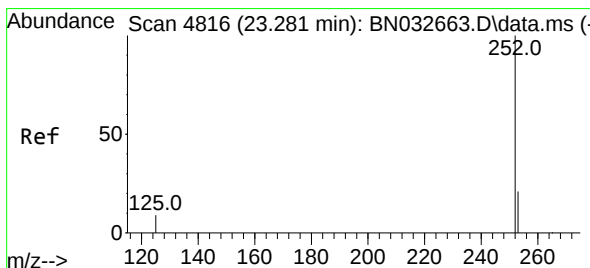
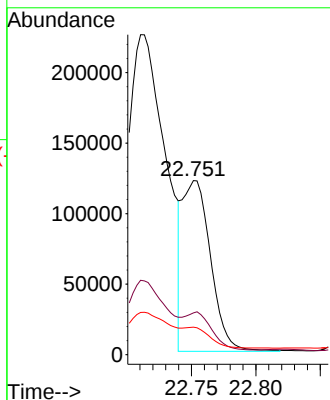
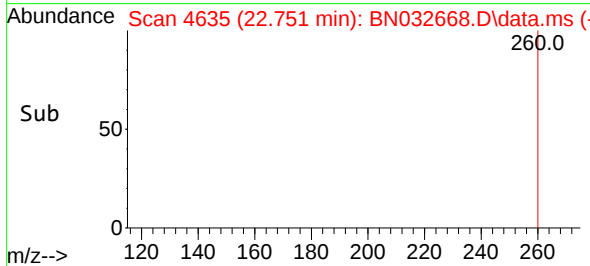
Instrument :
BNA_N
ClientSampleId :
A4CC1



Tgt Ion:252 Resp: 184004
Ion Ratio Lower Upper
252 100
253 24.0 21.2 31.8
125 15.8 14.8 22.2

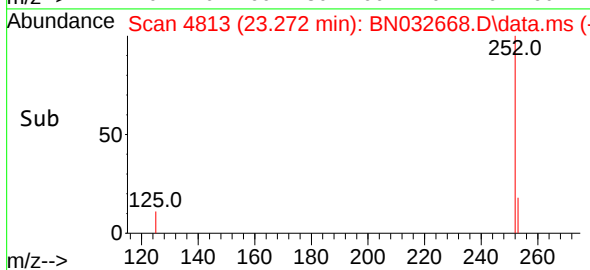
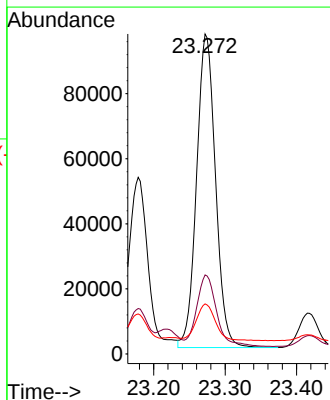
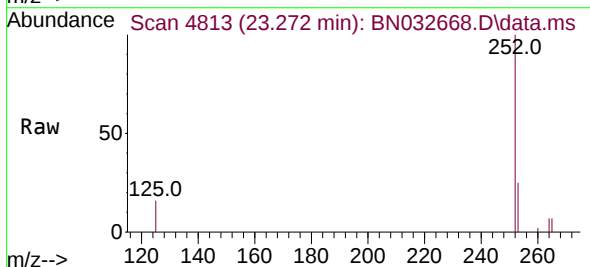
Manual Integrations
APPROVED

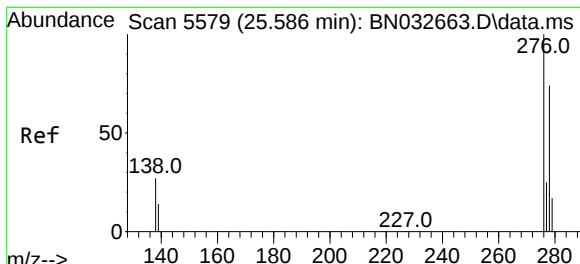
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#26
Benzo(a)pyrene
Concen: 2.845 ng/ul
RT: 23.272 min Scan# 4813
Delta R.T. -0.038 min
Lab File: BN032668.D
Acq: 12 Jul 2024 11:58

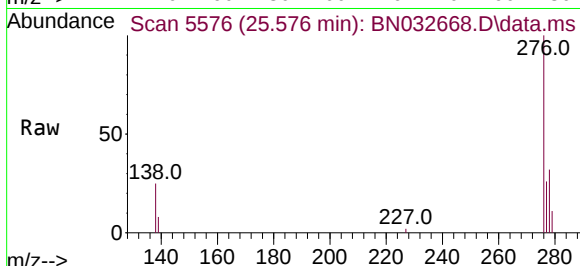
Tgt Ion:252 Resp: 177643
Ion Ratio Lower Upper
252 100
253 24.7 25.4 38.0#
125 15.6 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.840 ng/ul
 RT: 25.576 min Scan# 5576
 Delta R.T. -0.050 min
 Lab File: BN032668.D
 Acq: 12 Jul 2024 11:58

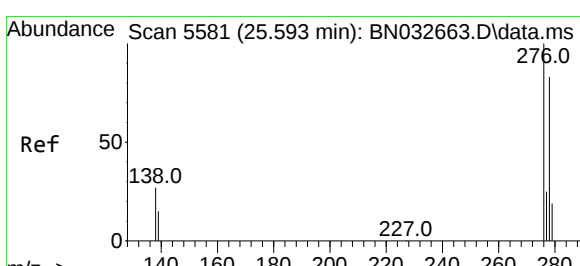
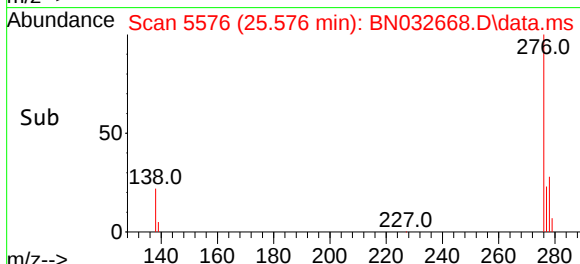
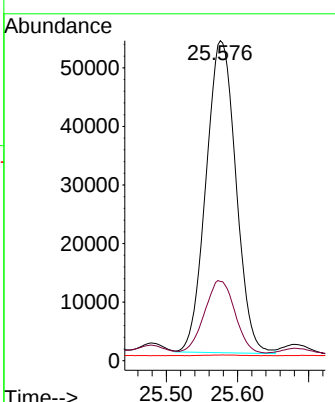
Instrument : BNA_N
 ClientSampleId : A4CC1



Tgt Ion: 276 Resp: 155580

Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.6	32.4
227	0.3	0.0	0.0

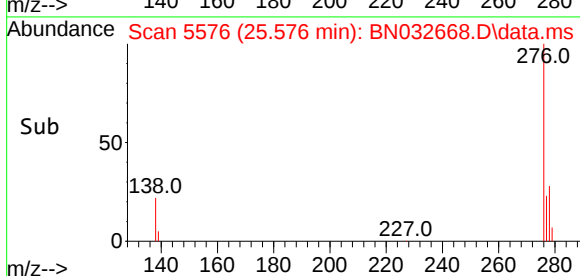
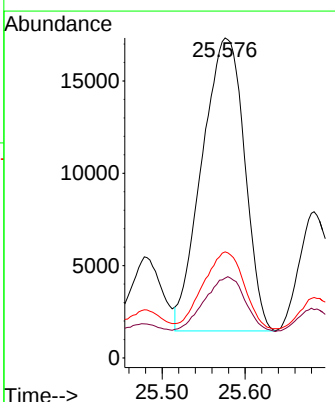
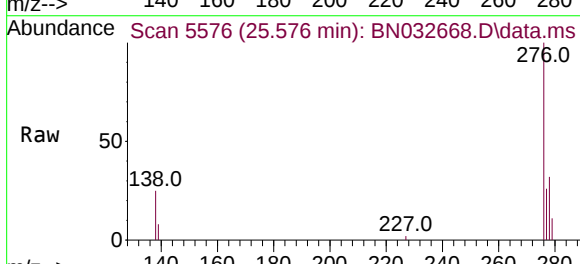
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

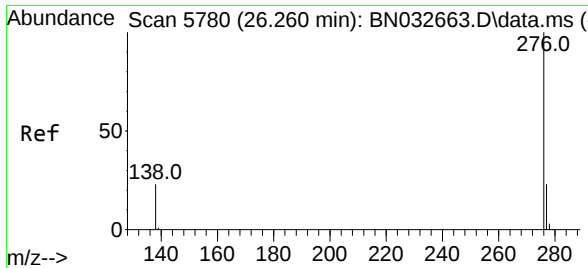


#28
 Dibenzo(a,h)anthracene
 Concen: 0.863 ng/ul
 RT: 25.576 min Scan# 5576
 Delta R.T. -0.064 min
 Lab File: BN032668.D
 Acq: 12 Jul 2024 11:58

Tgt Ion: 278 Resp: 56534

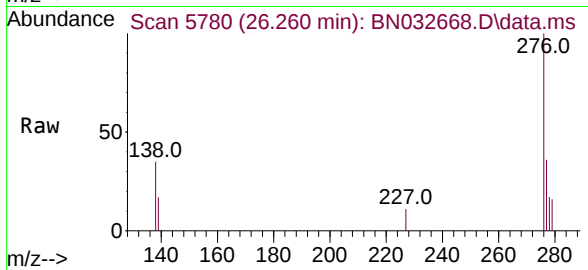
Ion	Ratio	Lower	Upper
278	100		
139	24.9	16.6	24.8
279	33.1	23.7	35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.334 ng/ul
 RT: 26.260 min Scan# 51
 Delta R.T. -0.040 min
 Lab File: BN032668.D
 Acq: 12 Jul 2024 11:58

Instrument :
 BNA_N
 ClientSampleId :
 A4CC1



Tgt Ion: 276 Resp: 2360

Ion	Ratio	Lower	Upper
276	100		
138	35.5	21.0	31.4
277	36.4	20.6	31.0

Manual Integrations
 APPROVED

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

