

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032666.D
 Acq On : 12 Jul 2024 10:45
 Operator : MA/JU
 Sample : P3087-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR6

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 12:42:18 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	6123	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.320	136	20012	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.201	164	11388	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.960	188	19998m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.178	240	14137m	0.400	ng/ul	-0.02
23) Perylene-d12	23.370	264	14404m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	21414	2.913	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	5612	0.186	ng/ul	-0.04
18) Fluoranthene-d10	19.002	212	8725	0.189	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	1320	0.025	ng/ul#	80
10) Acenaphthylene	13.923	152	1613	0.035	ng/ul#	84
15) Phenanthrene	16.998	178	11656m	0.214	ng/ul	
16) Anthracene	17.091	178	2966m	0.067	ng/ul	
19) Fluoranthene	19.030	202	20843	0.363	ng/ul	100
20) Pyrene	19.397	202	22251	0.374	ng/ul	99
21) Benzo(a)anthracene	21.161	228	11149	0.248	ng/ul#	93
22) Chrysene	21.213	228	9589	0.147	ng/ul#	92
24) Benzo(b)fluoranthene	22.715	252	14947m	0.294	ng/ul	
25) Benzo(k)fluoranthene	22.750	252	5648m	0.091	ng/ul	
26) Benzo(a)pyrene	23.271	252	11082	0.252	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.581	276	7940	0.133	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.585	278	1771	0.038	ng/ul#	1
29) Benzo(g,h,i)perylene	26.262	276	8300	0.167	ng/ul#	89

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

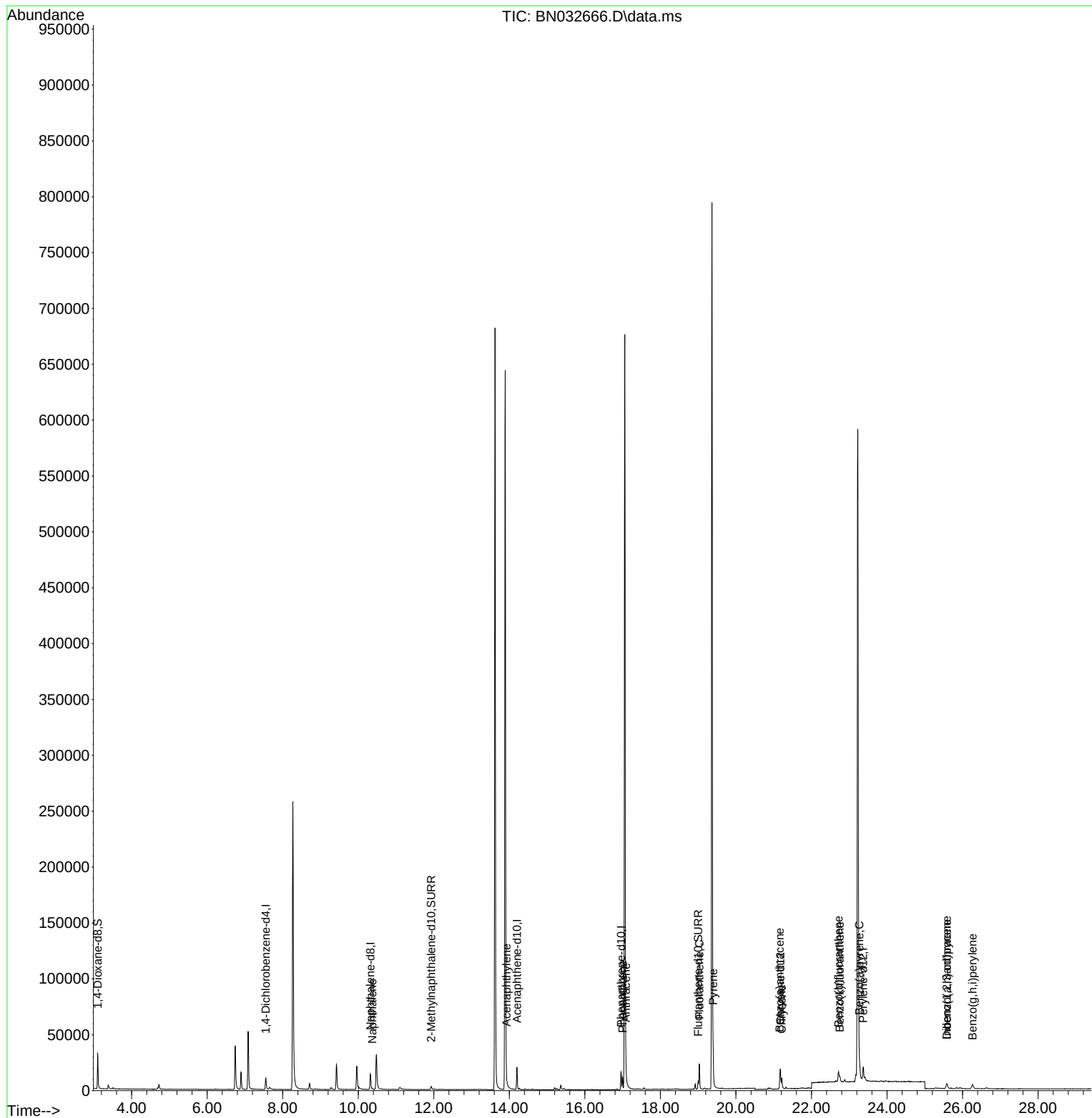
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

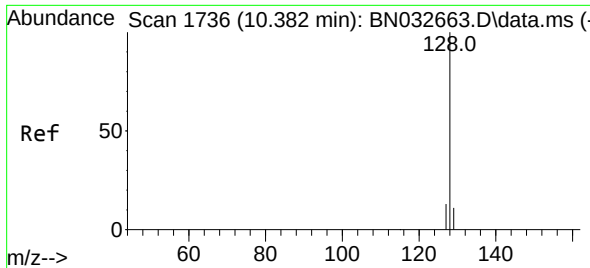
Instrument :
BNA_N
ClientSampleId :
A4BR6

Manual Integrations
APPROVED

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

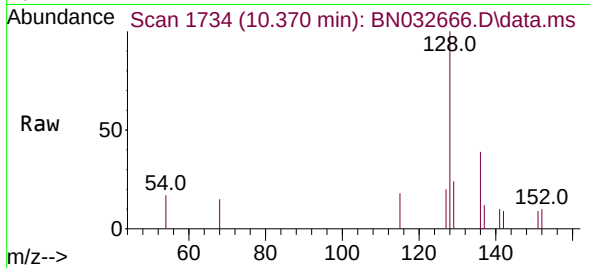
Quant Time: Jul 12 12:42:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. -0.040 min
Lab File: BN032666.D
Acq: 12 Jul 2024 10:45

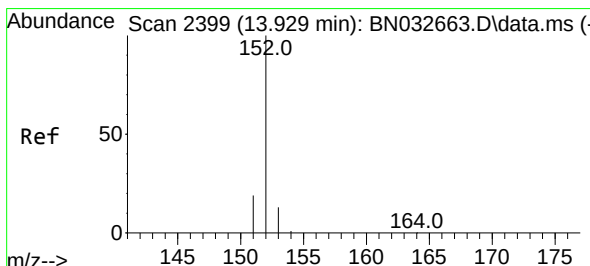
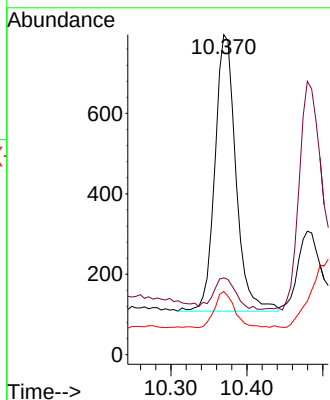
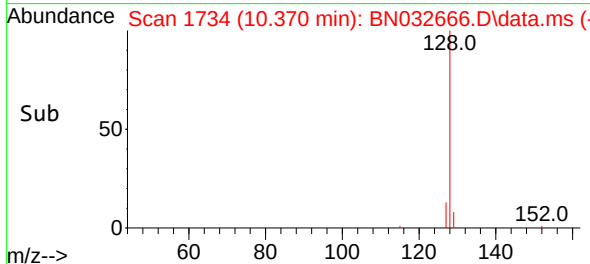
Instrument :
BNA_N
ClientSampleId :
A4BR6



Tgt Ion:128 Resp: 1320
Ion Ratio Lower Upper
128 100
129 24.0 10.0 15.0#
127 19.7 11.6 17.4#

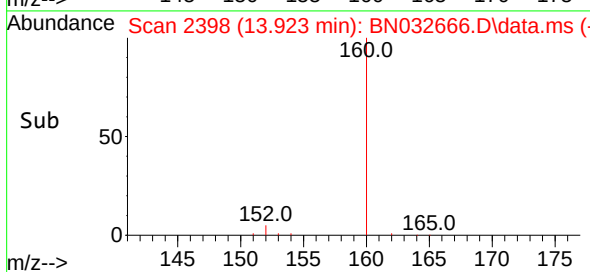
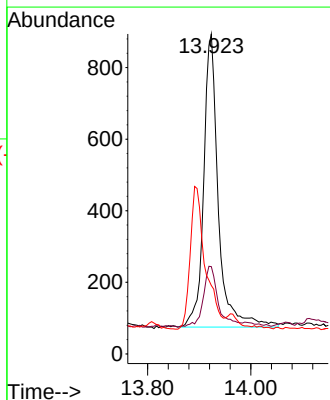
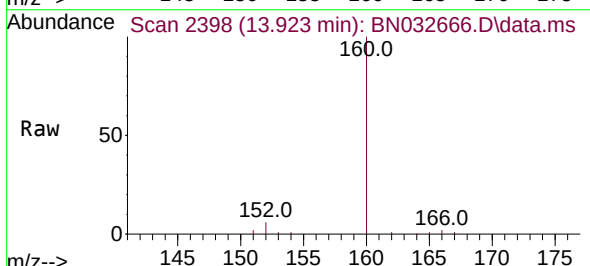
Manual Integrations
APPROVED

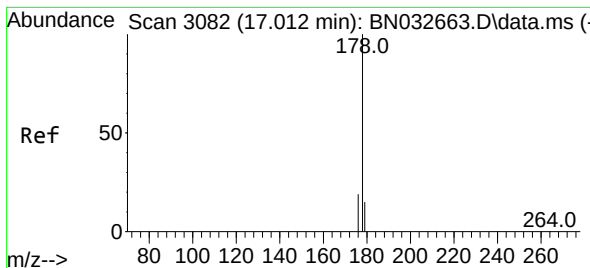
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.923 min Scan# 2398
Delta R.T. -0.020 min
Lab File: BN032666.D
Acq: 12 Jul 2024 10:45

Tgt Ion:152 Resp: 1613
Ion Ratio Lower Upper
152 100
151 27.3 16.3 24.5#
153 21.4 11.3 16.9#





#15

Phenanthrene

Concen: 0.214 ng/ul m

RT: 16.998 min Scan# 3082

Delta R.T. -0.031 min

Lab File: BN032666.D

Acq: 12 Jul 2024 10:45

Instrument :

BNA_N

ClientSampleId :

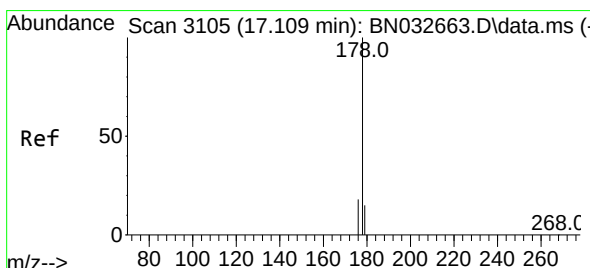
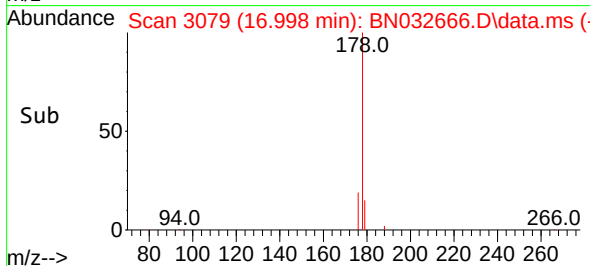
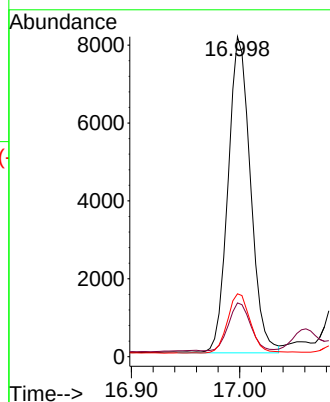
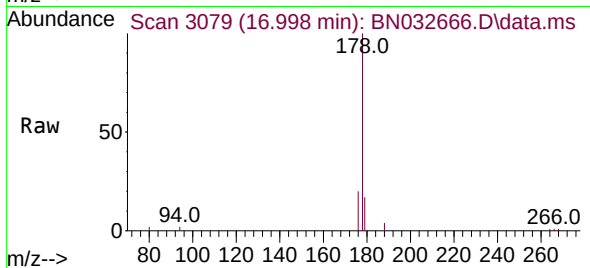
A4BR6

Tgt Ion:	178	Resp:	1165
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.0	19.4
176	19.7	15.6	23.4

Manual Integrations

APPROVED

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



#16

Anthracene

Concen: 0.067 ng/ul m

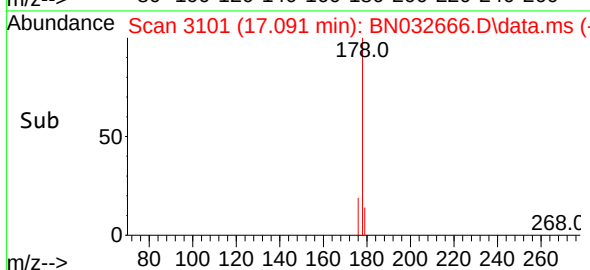
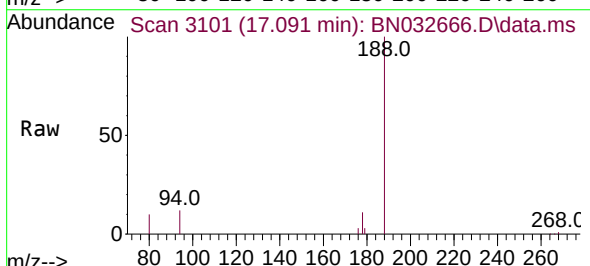
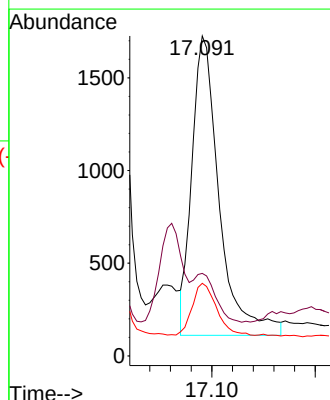
RT: 17.091 min Scan# 3101

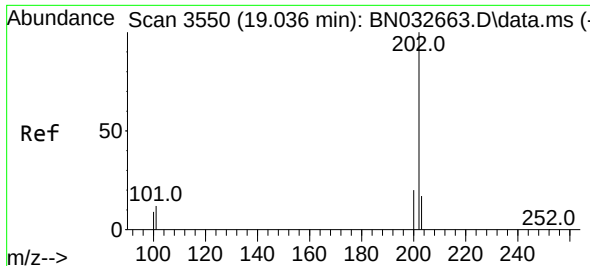
Delta R.T. -0.048 min

Lab File: BN032666.D

Acq: 12 Jul 2024 10:45

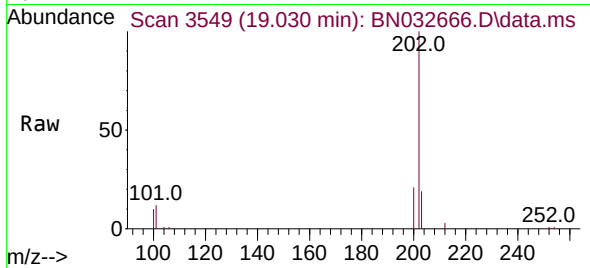
Tgt Ion:	178	Resp:	2966
Ion Ratio	Lower	Upper	
178	100		
179	25.8	13.4	20.2
176	22.7	15.4	23.0





#19
Fluoranthene
Concen: 0.363 ng/u1
RT: 19.030 min Scan# 3550
Delta R.T. -0.024 min
Lab File: BN032666.D
Acq: 12 Jul 2024 10:45

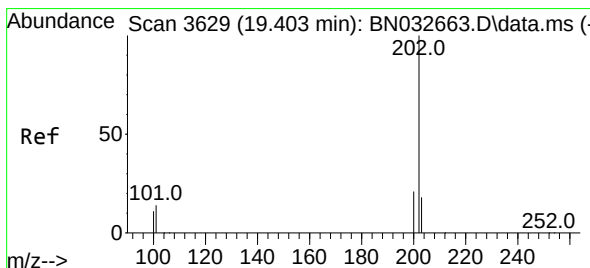
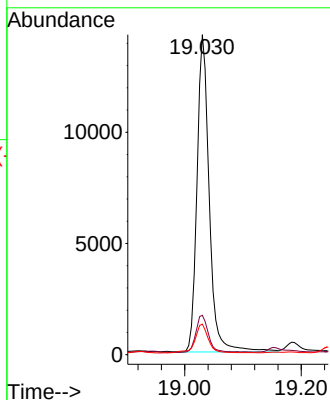
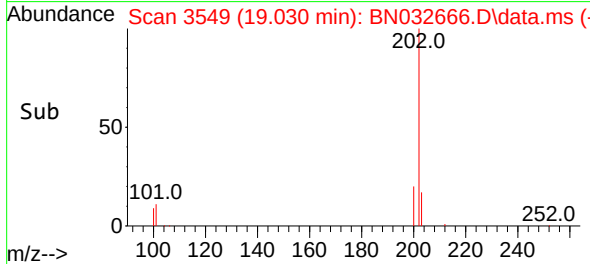
Instrument :
BNA_N
ClientSampleId :
A4BR6



Tgt Ion:202 Resp: 2084
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.5 7.9 11.9

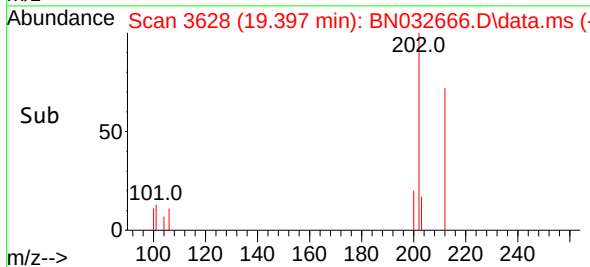
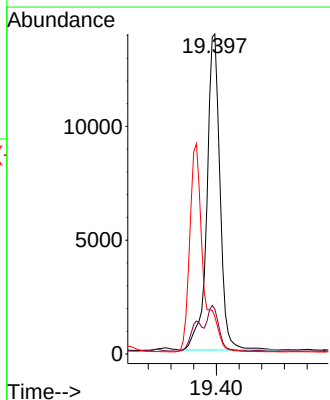
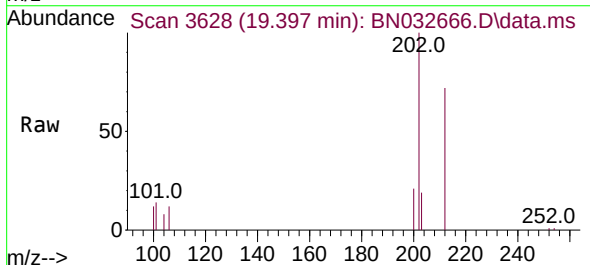
Manual Integrations
APPROVED

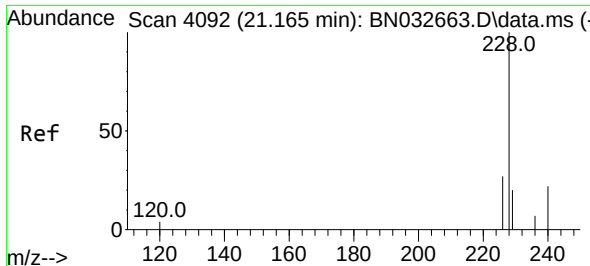
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 0.374 ng/u1
RT: 19.397 min Scan# 3628
Delta R.T. -0.024 min
Lab File: BN032666.D
Acq: 12 Jul 2024 10:45

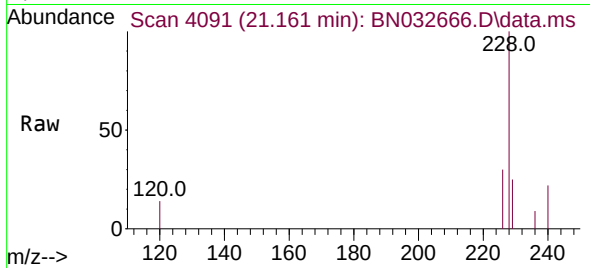
Tgt Ion:202 Resp: 22251
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 11.6 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.248 ng/ul
RT: 21.161 min Scan# 4091
Delta R.T. -0.022 min
Lab File: BN032666.D
Acq: 12 Jul 2024 10:45

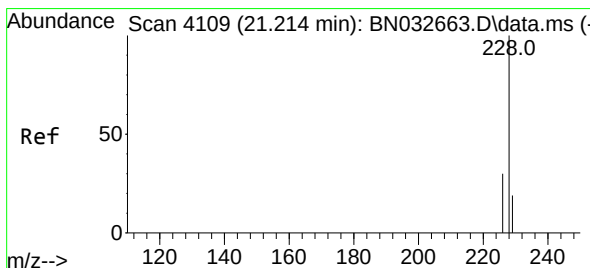
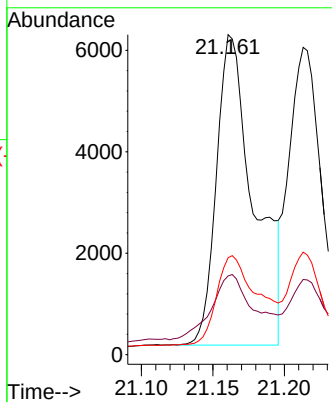
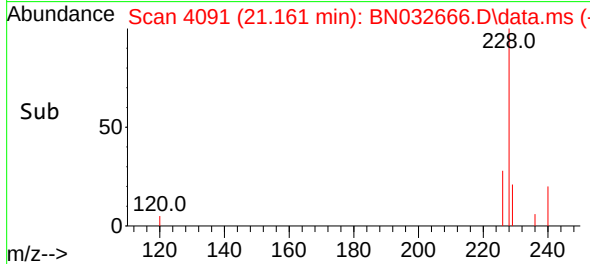
Instrument :
BNA_N
ClientSampleId :
A4BR6



Tgt Ion:228 Resp: 11149
Ion Ratio Lower Upper
228 100
229 24.6 16.1 24.1
226 30.3 21.9 32.9

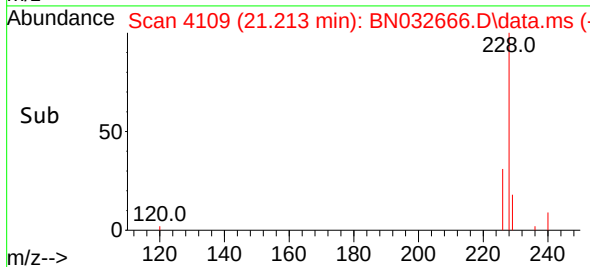
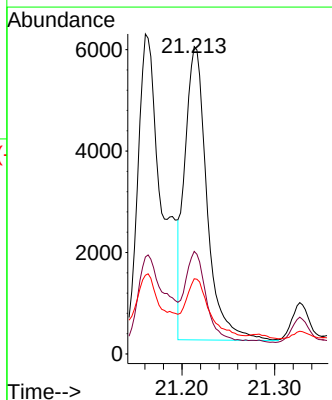
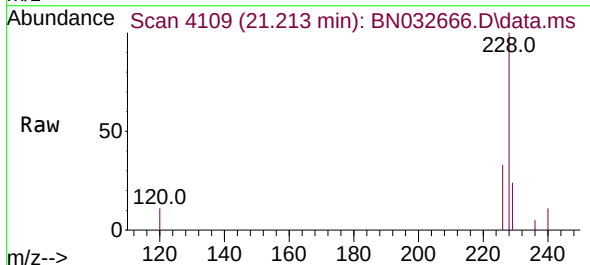
Manual Integrations
APPROVED

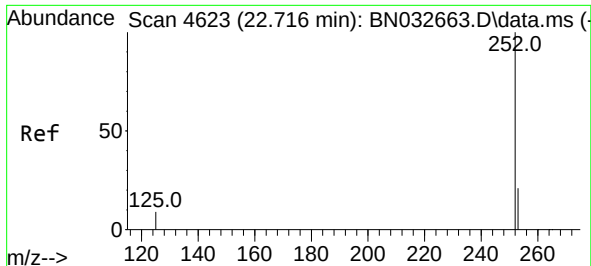
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.147 ng/ul
RT: 21.213 min Scan# 4109
Delta R.T. -0.019 min
Lab File: BN032666.D
Acq: 12 Jul 2024 10:45

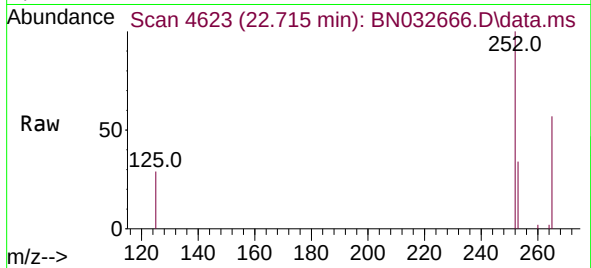
Tgt Ion:228 Resp: 9589
Ion Ratio Lower Upper
228 100
226 33.4 24.0 36.0
229 24.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.294 ng/ul m
RT: 22.715 min Scan# 4623
Delta R.T. -0.019 min
Lab File: BN032666.D
Acq: 12 Jul 2024 10:45

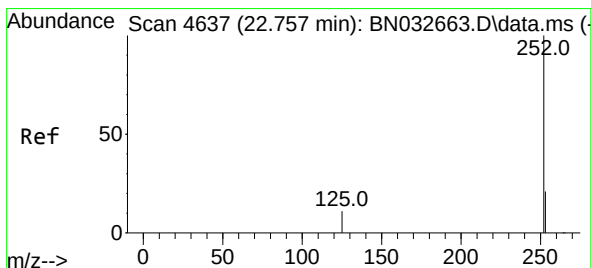
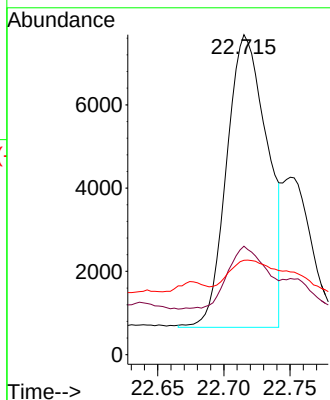
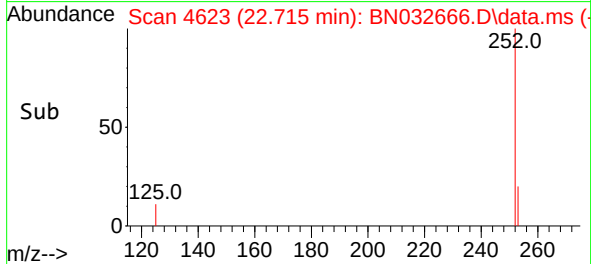
Instrument :
BNA_N
ClientSampleId :
A4BR6



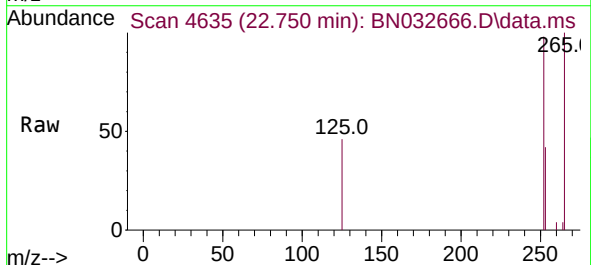
Tgt Ion:252 Resp: 1494
Ion Ratio Lower Upper
252 100
253 33.9 0.0 54.0
125 29.5 0.0 36.0

Manual Integrations
APPROVED

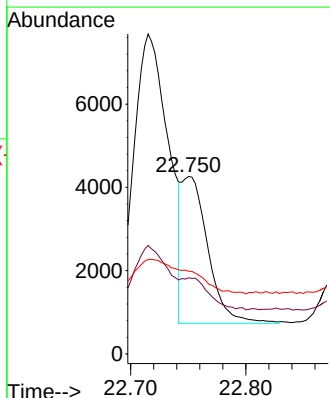
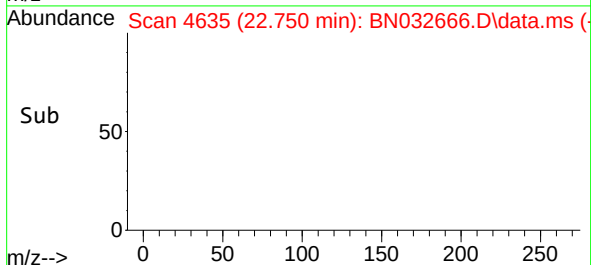
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

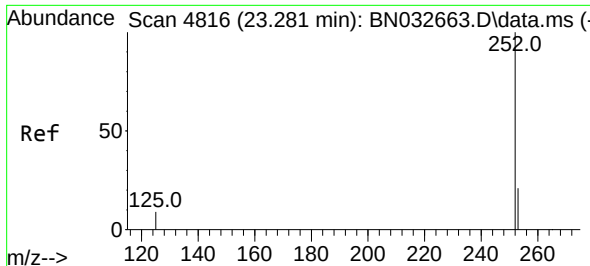


#25
Benzo(k)fluoranthene
Concen: 0.091 ng/ul m
RT: 22.750 min Scan# 4635
Delta R.T. -0.027 min
Lab File: BN032666.D
Acq: 12 Jul 2024 10:45



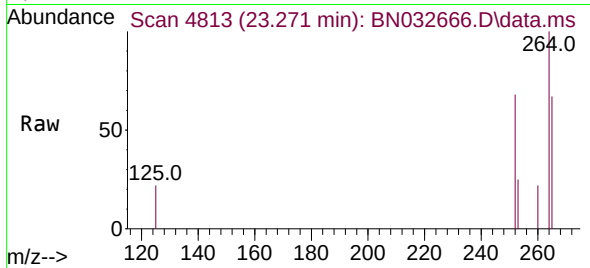
Tgt Ion:252 Resp: 5648
Ion Ratio Lower Upper
252 100
253 42.9 21.2 31.8#
125 46.6 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.252 ng/ul
RT: 23.271 min Scan# 4816
Delta R.T. -0.039 min
Lab File: BN032666.D
Acq: 12 Jul 2024 10:45

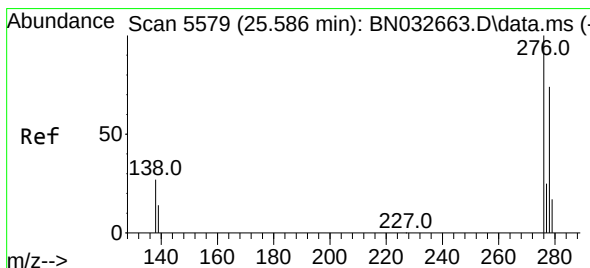
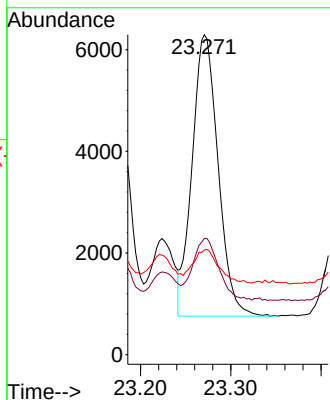
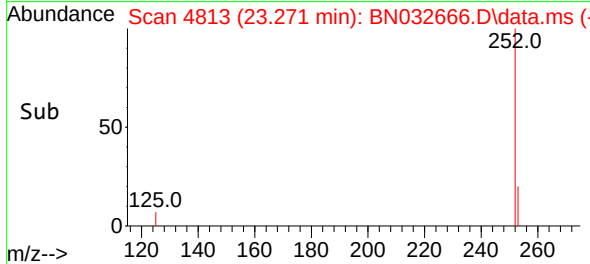
Instrument :
BNA_N
ClientSampleId :
A4BR6



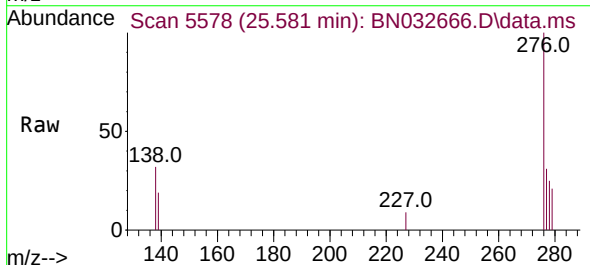
Tgt Ion:252 Resp: 1108
Ion Ratio Lower Upper
252 100
253 36.3 25.4 38.0
125 32.7 20.6 30.8

Manual Integrations
APPROVED

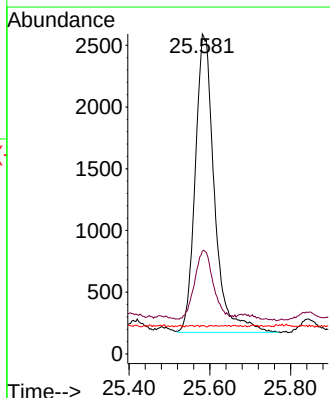
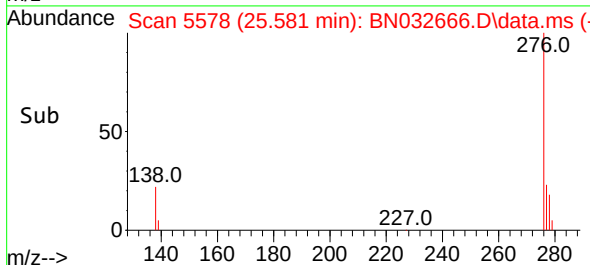
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

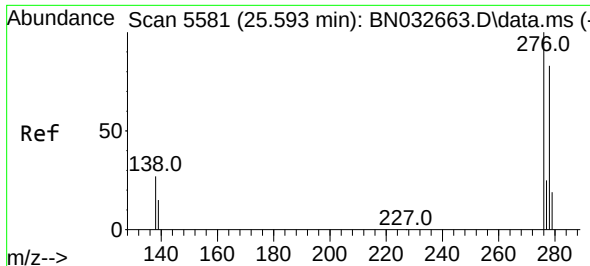


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.133 ng/ul
RT: 25.581 min Scan# 5578
Delta R.T. -0.045 min
Lab File: BN032666.D
Acq: 12 Jul 2024 10:45



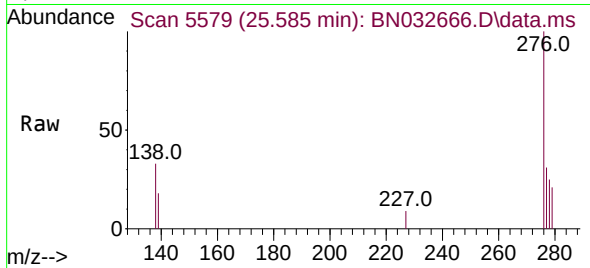
Tgt Ion:276 Resp: 7940
Ion Ratio Lower Upper
276 100
138 22.7 21.6 32.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.585 min Scan# 5579
Delta R.T. -0.055 min
Lab File: BN032666.D
Acq: 12 Jul 2024 10:45

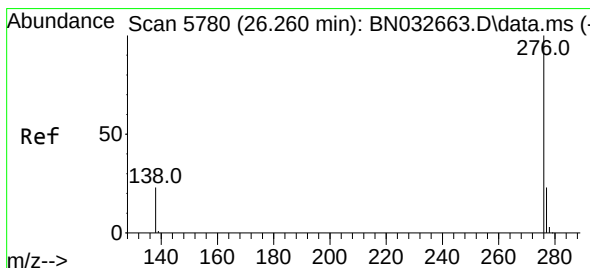
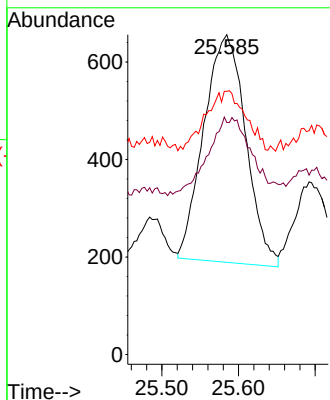
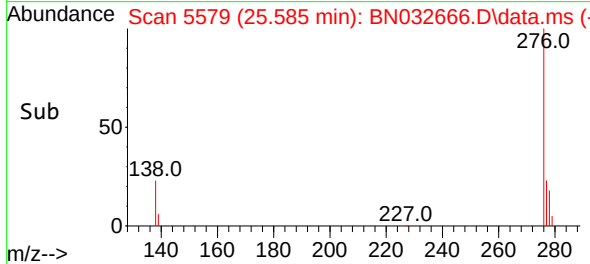
Instrument :
BNA_N
ClientSampleId :
A4BR6



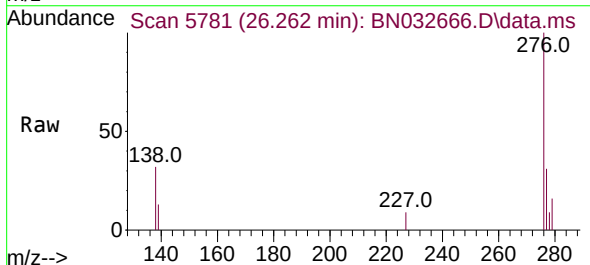
Tgt Ion:278 Resp: 177
Ion Ratio Lower Upper
278 100
139 72.6 16.6 24.8
279 82.3 23.7 35.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.167 ng/ul
RT: 26.262 min Scan# 5781
Delta R.T. -0.038 min
Lab File: BN032666.D
Acq: 12 Jul 2024 10:45



Tgt Ion:276 Resp: 8300
Ion Ratio Lower Upper
276 100
138 32.2 21.0 31.4
277 30.9 20.6 31.0

