

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032391.D
 Acq On : 02 Jul 2024 09:21
 Operator : MA/JU
 Sample : P2871-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C55

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 12:40:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	8115	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	26359	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	15281	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	28486m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.214	240	18308m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	19459m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	25602	2.838	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.976	152	8901	0.225	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	16335	0.297	ng/ul	-0.01
Target Compounds						
10) Acenaphthylene	13.971	152	2624	0.041	ng/ul#	83
11) Acenaphthene	14.318	153	1399	0.028	ng/ul	97
12) Fluorene	15.308	166	1810	0.031	ng/ul#	97
15) Phenanthrene	17.050	178	36586m	0.468	ng/ul	
16) Anthracene	17.138	178	7012m	0.101	ng/ul	
19) Fluoranthene	19.073	202	73277	1.051	ng/ul	97
20) Pyrene	19.440	202	60666	0.833	ng/ul	99
21) Benzo(a)anthracene	21.200	228	26468	0.401	ng/ul	94
22) Chrysene	21.249	228	31151	0.430	ng/ul	95
24) Benzo(b)fluoranthene	22.766	252	45716m	0.541	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	15610m	0.190	ng/ul	
26) Benzo(a)pyrene	23.330	252	28499	0.485	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.663	276	24403	0.265	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.666	278	5386	0.079	ng/ul#	29
29) Benzo(g,h,i)perylene	26.350	276	23961	0.327	ng/ul#	91

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

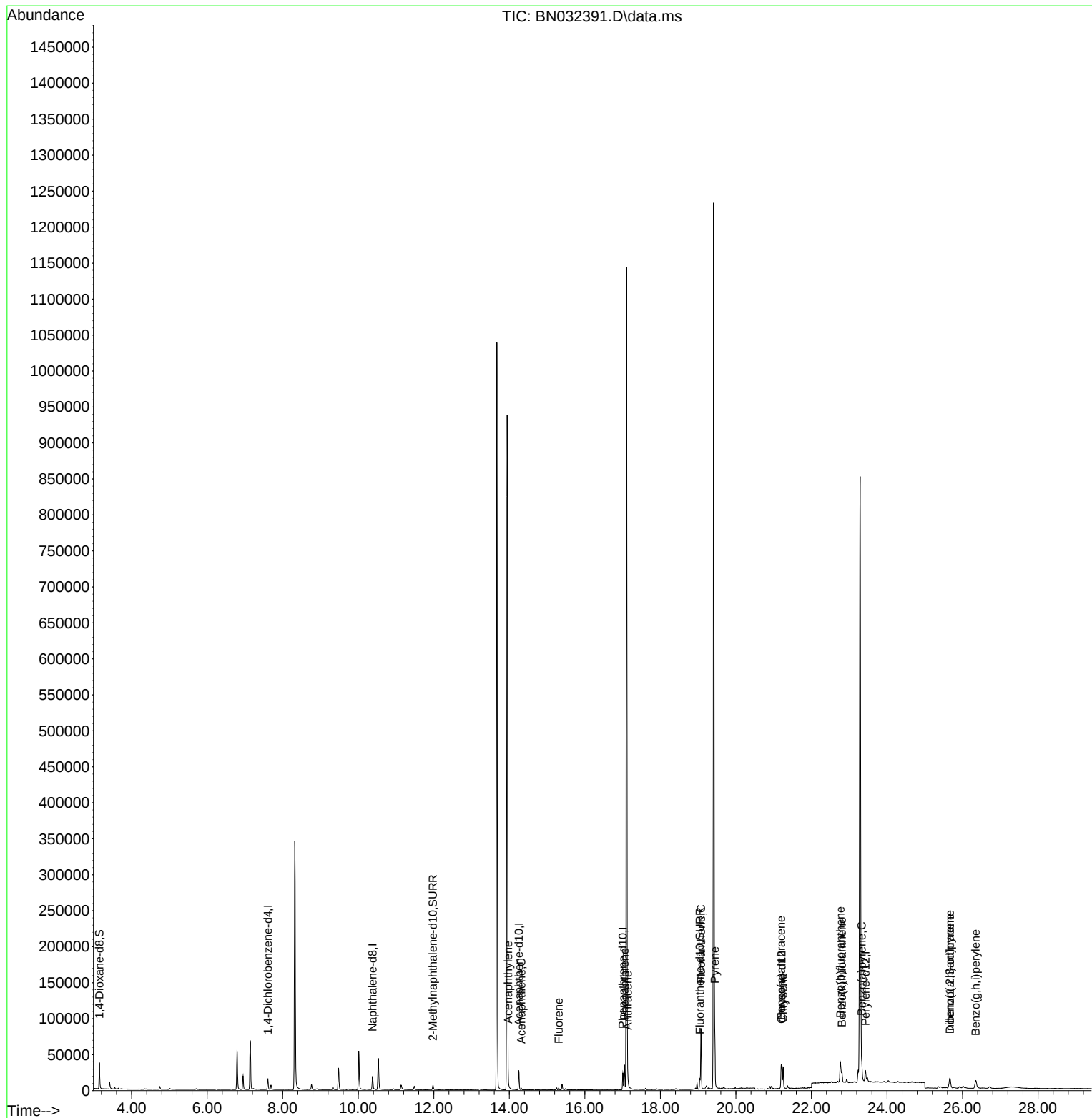
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032391.D
Acq On : 02 Jul 2024 09:21
Operator : MA/JU
Sample : P2871-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

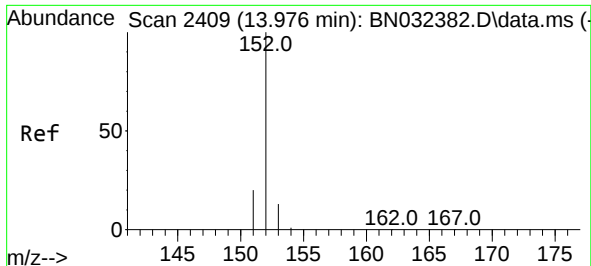
Instrument :
BNA_N
ClientSampleId :
A4C55

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

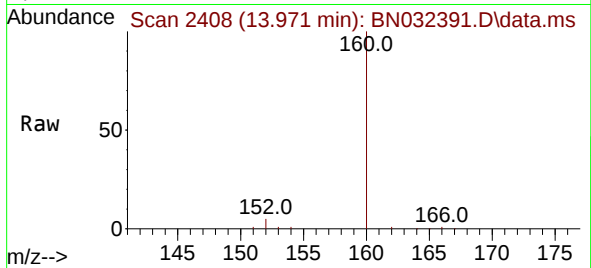
Quant Time: Jul 02 12:40:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032391.D
Acq: 02 Jul 2024 09:21

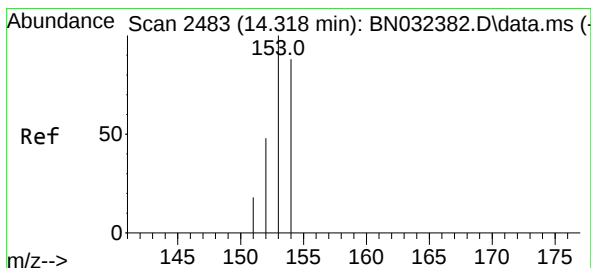
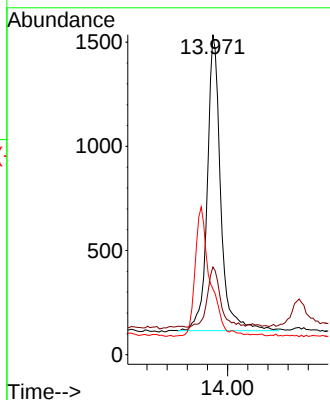
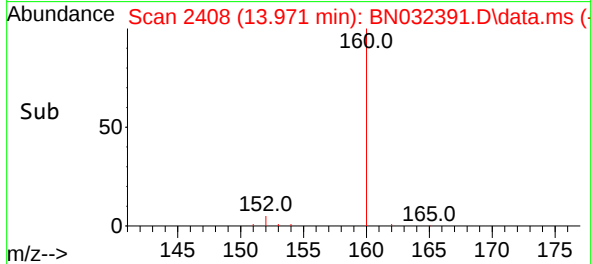
Instrument :
BNA_N
ClientSampleId :
A4C55



Tgt Ion:152 Resp: 2624
Ion Ratio Lower Upper
152 100
151 27.4 15.7 23.5
153 20.6 10.9 16.3

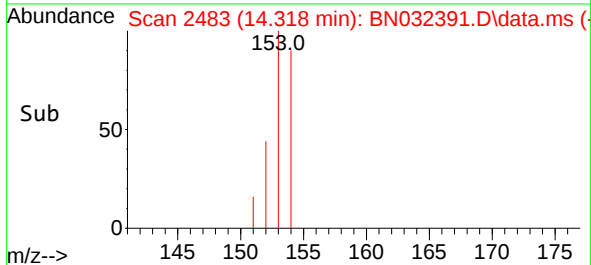
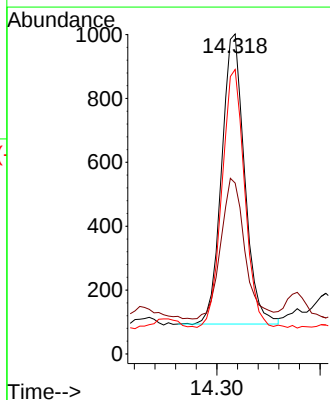
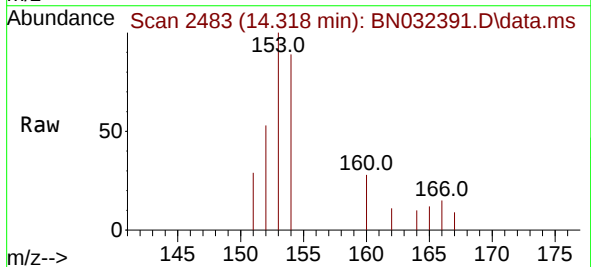
Manual Integrations
APPROVED

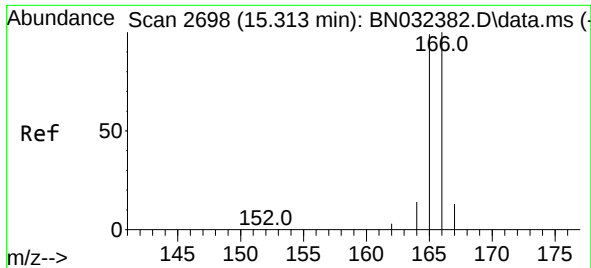
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032391.D
Acq: 02 Jul 2024 09:21

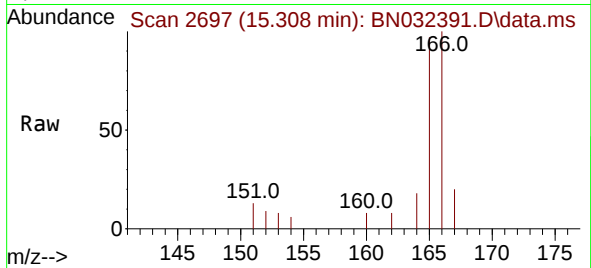
Tgt Ion:153 Resp: 1399
Ion Ratio Lower Upper
153 100
152 53.4 39.5 59.3
154 88.9 71.7 107.5





#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032391.D
Acq: 02 Jul 2024 09:21

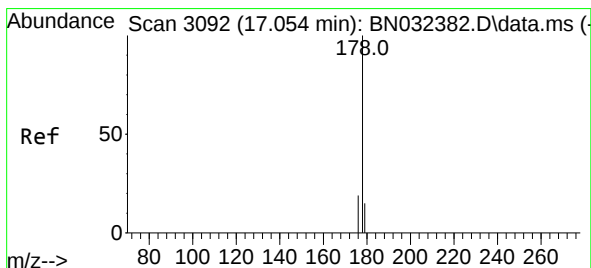
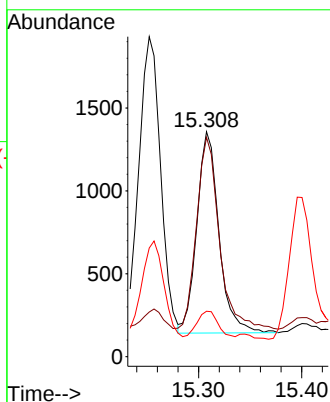
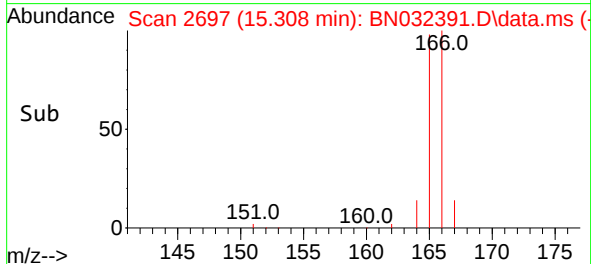
Instrument :
BNA_N
ClientSampleId :
A4C55



Tgt Ion:166 Resp: 1810
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.6
167 20.2 11.0 16.6

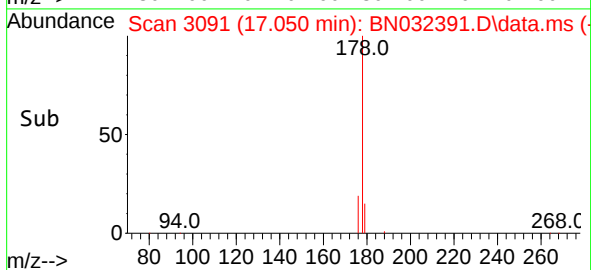
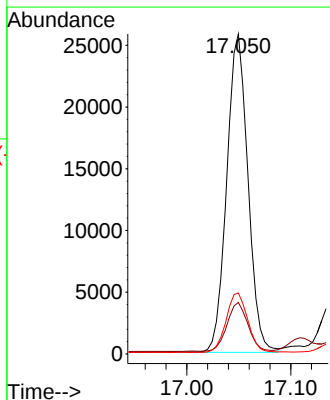
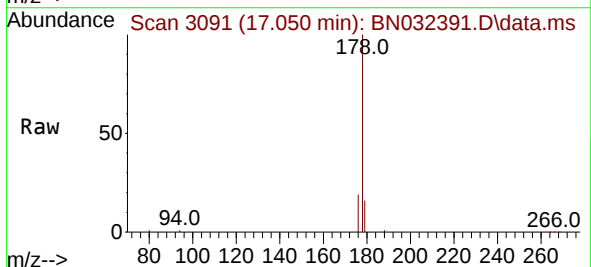
Manual Integrations
APPROVED

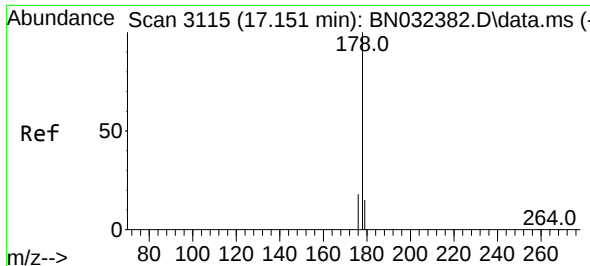
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#15
Phenanthrene
Concen: 0.468 ng/ul m
RT: 17.050 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032391.D
Acq: 02 Jul 2024 09:21

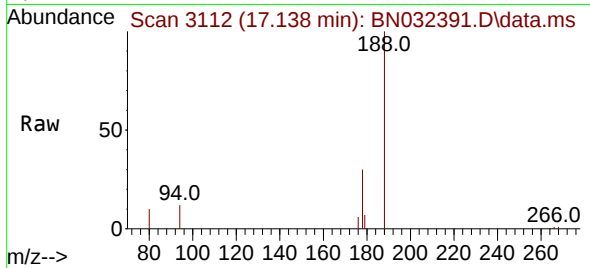
Tgt Ion:178 Resp: 36586
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.0 15.6 23.4





#16
 Anthracene
 Concen: 0.101 ng/ul m
 RT: 17.138 min Scan# 3112
 Delta R.T. -0.021 min
 Lab File: BN032391.D
 Acq: 02 Jul 2024 09:21

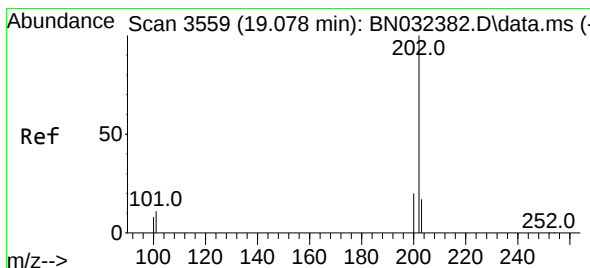
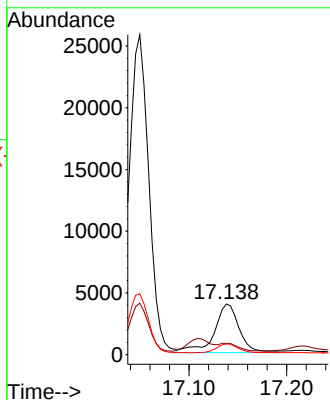
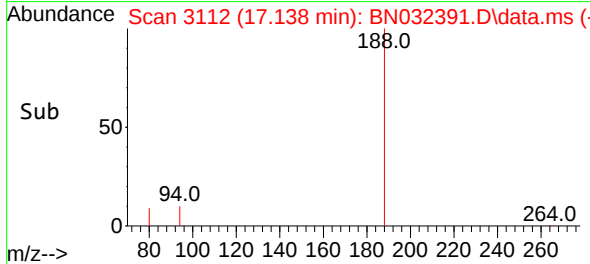
Instrument :
 BNA_N
 ClientSampleId :
 A4C55



Tgt Ion:178 Resp: 7012
 Ion Ratio Lower Upper
 178 100
 179 22.5 12.5 18.7
 176 21.1 15.0 22.6

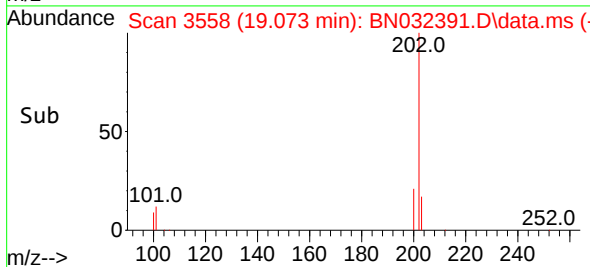
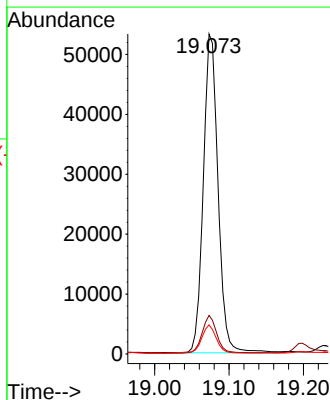
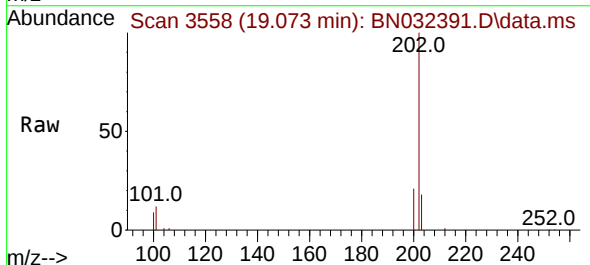
Manual Integrations
 APPROVED

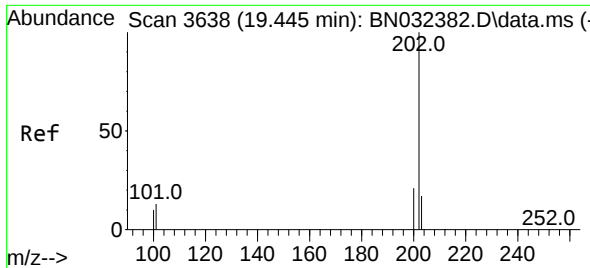
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 1.051 ng/ul
 RT: 19.073 min Scan# 3558
 Delta R.T. -0.019 min
 Lab File: BN032391.D
 Acq: 02 Jul 2024 09:21

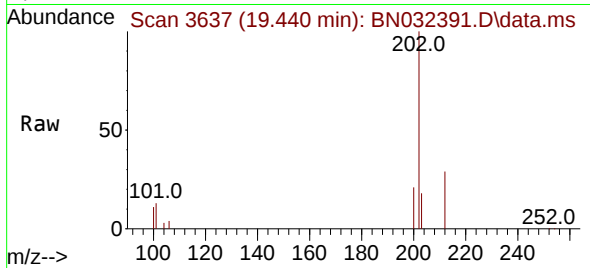
Tgt Ion:202 Resp: 73277
 Ion Ratio Lower Upper
 202 100
 101 12.0 8.8 13.2
 100 9.1 6.4 9.6





#20
Pyrene
Concen: 0.833 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032391.D
Acq: 02 Jul 2024 09:21

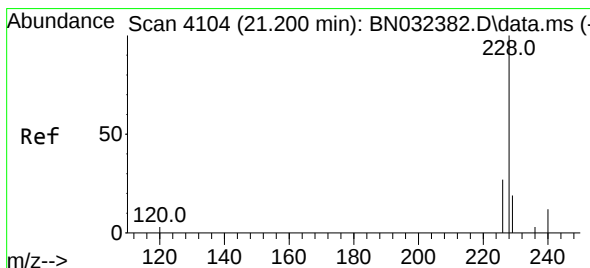
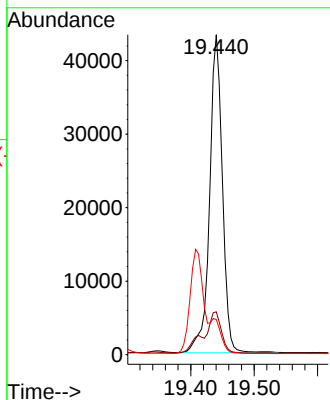
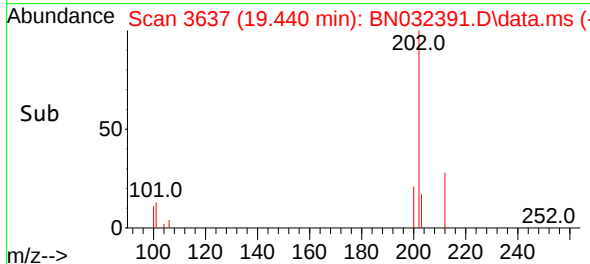
Instrument :
BNA_N
ClientSampleId :
A4C55



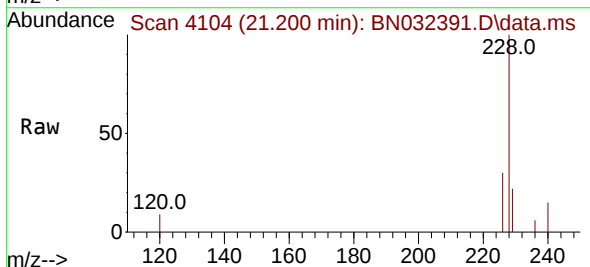
Tgt Ion:202 Resp: 60660
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.4
100 11.0 8.7 13.1

Manual Integrations
APPROVED

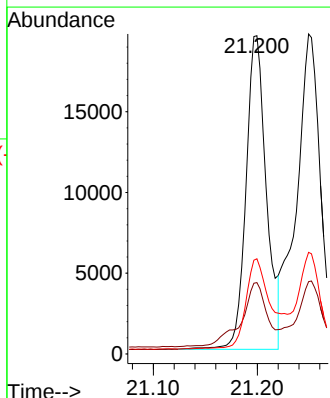
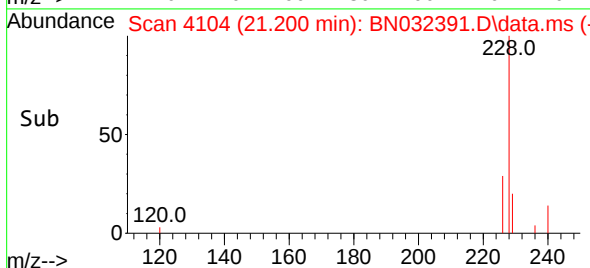
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

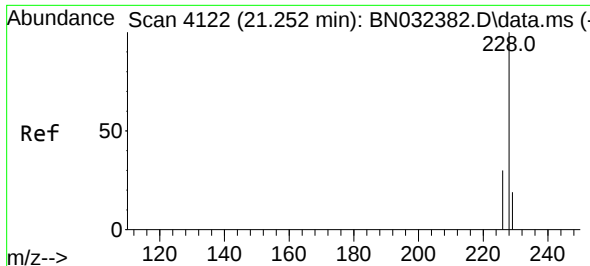


#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032391.D
Acq: 02 Jul 2024 09:21



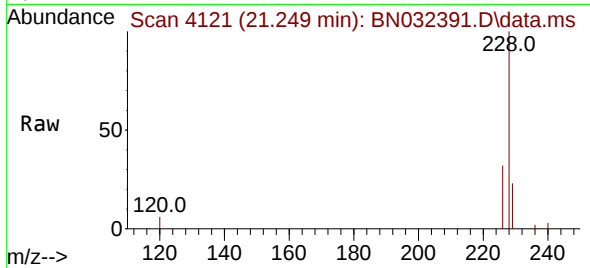
Tgt Ion:228 Resp: 26468
Ion Ratio Lower Upper
228 100
229 22.4 15.7 23.5
226 29.9 21.8 32.8





#22
Chrysene
Concen: 0.430 ng/ul
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032391.D
Acq: 02 Jul 2024 09:21

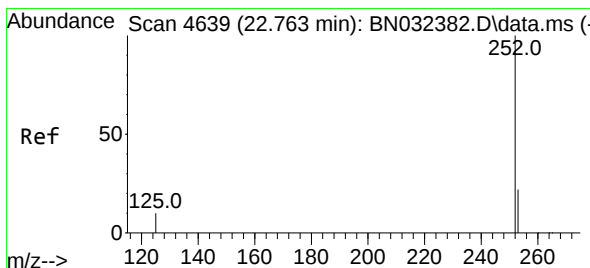
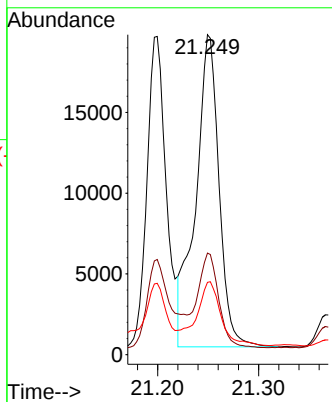
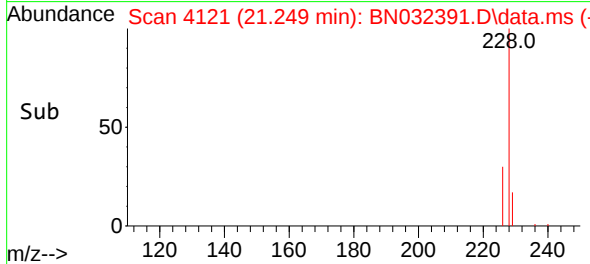
Instrument :
BNA_N
ClientSampleId :
A4C55



Tgt Ion:228 Resp: 3115
Ion Ratio Lower Upper
228 100
226 31.7 23.6 35.4
229 22.6 15.7 23.5

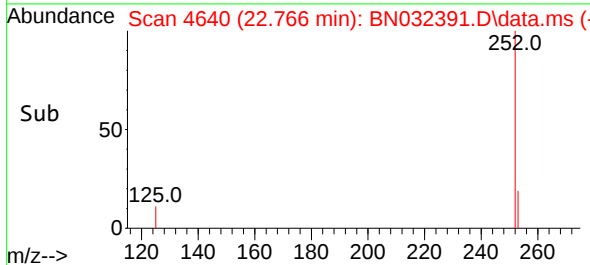
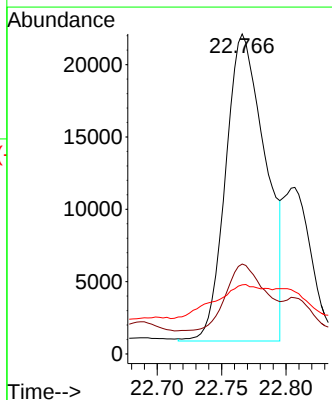
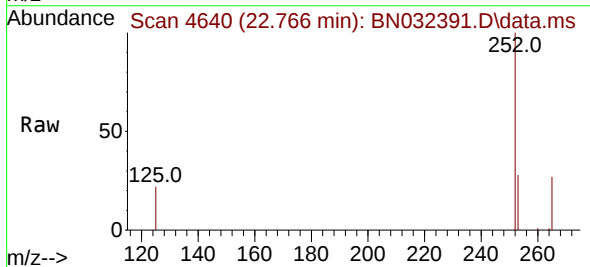
Manual Integrations
APPROVED

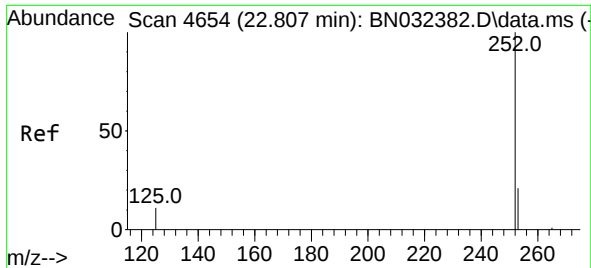
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#24
Benzo(b)fluoranthene
Concen: 0.541 ng/ul m
RT: 22.766 min Scan# 4640
Delta R.T. -0.018 min
Lab File: BN032391.D
Acq: 02 Jul 2024 09:21

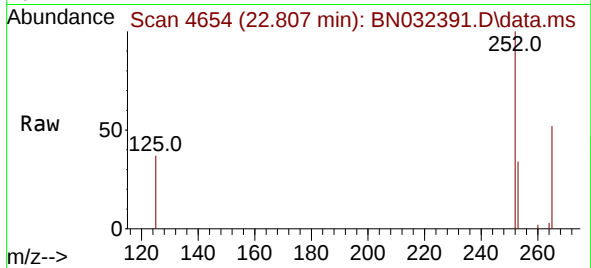
Tgt Ion:252 Resp: 45716
Ion Ratio Lower Upper
252 100
253 28.1 0.0 50.2
125 21.6 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.190 ng/ul m
RT: 22.807 min Scan# 4654
Delta R.T. -0.021 min
Lab File: BN032391.D
Acq: 02 Jul 2024 09:21

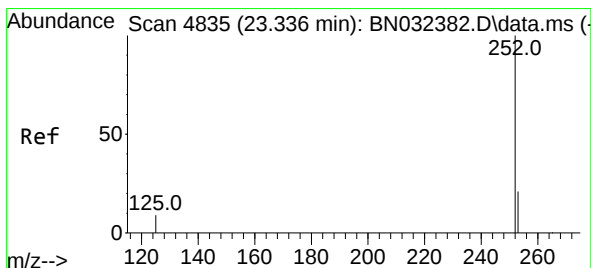
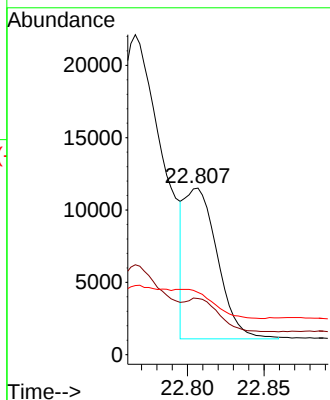
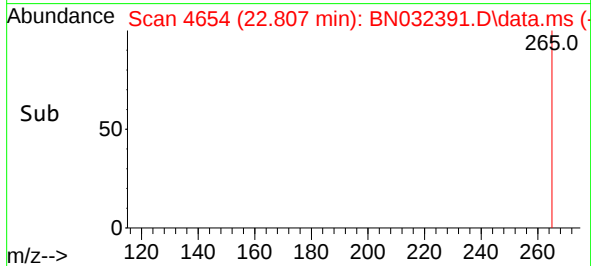
Instrument :
BNA_N
ClientSampleId :
A4C55



Tgt Ion:252 Resp: 15610
Ion Ratio Lower Upper
252 100
253 33.7 20.3 30.5
125 37.4 12.8 19.2

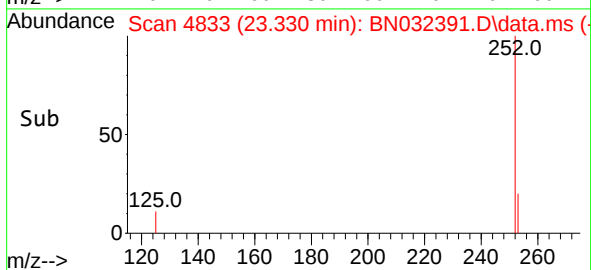
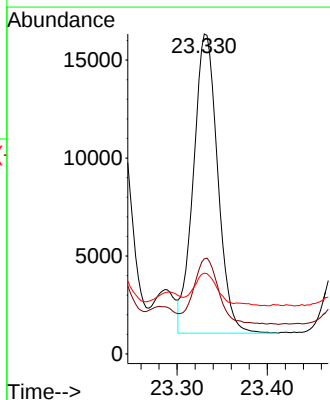
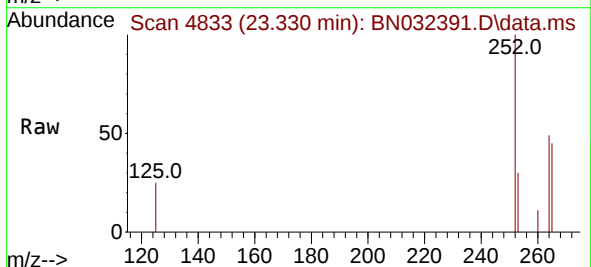
Manual Integrations
APPROVED

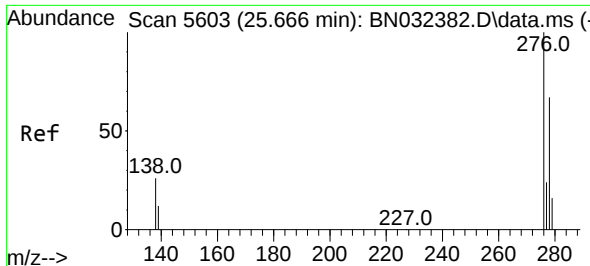
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 0.485 ng/ul
RT: 23.330 min Scan# 4833
Delta R.T. -0.030 min
Lab File: BN032391.D
Acq: 02 Jul 2024 09:21

Tgt Ion:252 Resp: 28499
Ion Ratio Lower Upper
252 100
253 29.8 22.2 33.2
125 25.2 16.4 24.6





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.265 ng/ul

RT: 25.663 min Scan# 5602

Delta R.T. -0.037 min

Lab File: BN032391.D

Acq: 02 Jul 2024 09:21

Instrument :

BNA_N

ClientSampleId :

A4C55

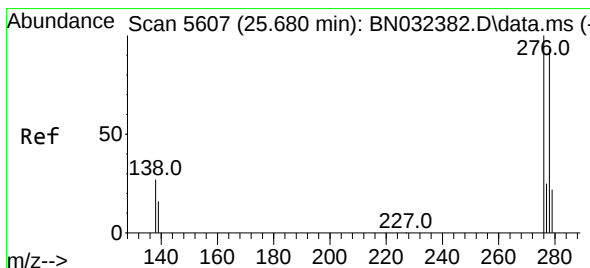
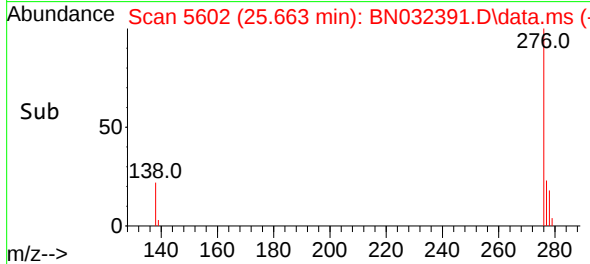
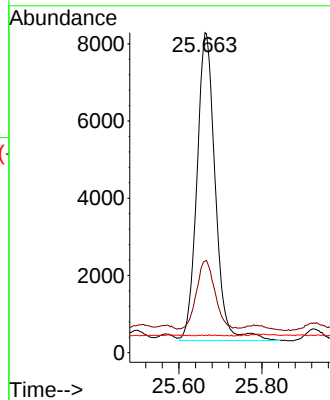
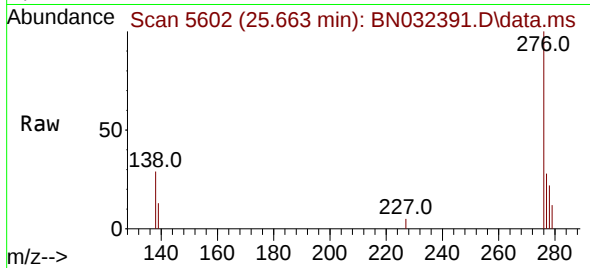
Tgt Ion:276 Resp: 2440

Ion	Ratio	Lower	Upper
276	100		
138	22.5	21.3	31.9
227	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.079 ng/ul

RT: 25.666 min Scan# 5603

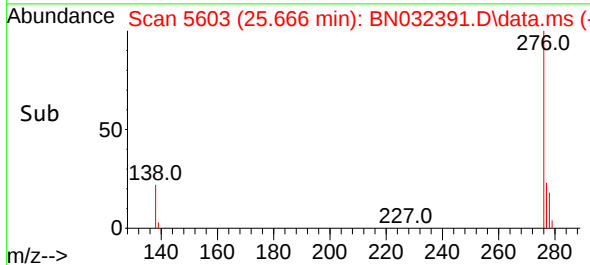
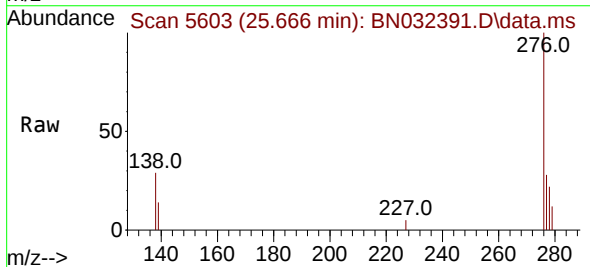
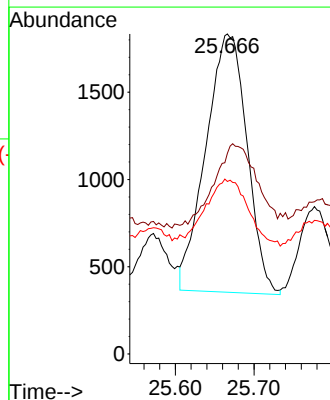
Delta R.T. -0.044 min

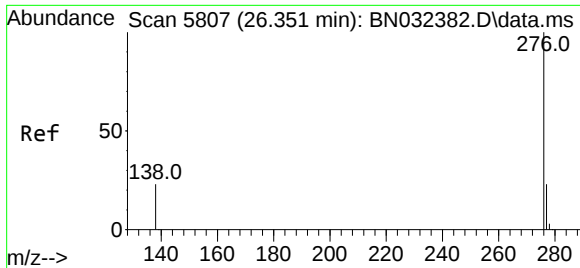
Lab File: BN032391.D

Acq: 02 Jul 2024 09:21

Tgt Ion:278 Resp: 5386

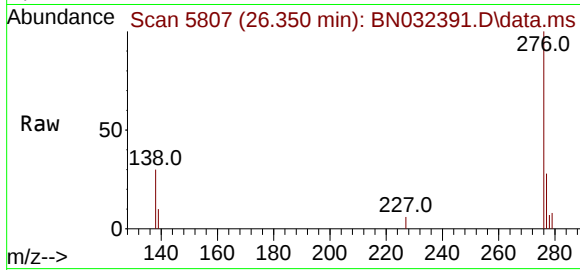
Ion	Ratio	Lower	Upper
278	100		
139	62.7	15.9	23.9#
279	53.9	21.1	31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.327 ng/ul
 RT: 26.350 min Scan# 51
 Delta R.T. -0.030 min
 Lab File: BN032391.D
 Acq: 02 Jul 2024 09:21

Instrument :
 BNA_N
 ClientSampleId :
 A4C55



Tgt Ion:	276	Resp:	2396
Ion Ratio	Lower	Upper	
276	100		
138	29.8	19.8	29.6
277	28.1	19.8	29.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

