

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032050.D
 Acq On : 18 Jun 2024 18:30
 Operator : MA/JU
 Sample : P2696-25
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BM6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 19:17:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 14:06:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	9558	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	34422	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	21914	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.037	188	47410	0.400	ng/ul	0.00
17) Chrysene-d12	21.235	240	30901	0.400	ng/ul	0.00
23) Perylene-d12	23.459	264	28251m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	42387	4.137	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.020	152	15041	0.269	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	33730	0.361	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.475	128	18013	0.197	ng/ul	99
7) 2-Methylnaphthalene	12.097	142	5736	0.090	ng/ul	97
8) 1-Methylnaphthalene	12.317	142	4290	0.065	ng/ul	96
10) Acenaphthylene	14.012	152	12071	0.129	ng/ul	97
11) Acenaphthene	14.350	153	19105	0.273	ng/ul	99
12) Fluorene	15.345	166	25227	0.295	ng/ul	98
15) Phenanthrene	17.079	178	503625	3.768	ng/ul	100
16) Anthracene	17.172	178	74820	0.622	ng/ul	100
19) Fluoranthene	19.101	202	898797	7.896	ng/ul	99
20) Pyrene	19.468	202	543373	4.557	ng/ul	99
21) Benzo(a)anthracene	21.220	228	325262	2.745	ng/ul	98
22) Chrysene	21.273	228	358993	3.038	ng/ul	98
24) Benzo(b)fluoranthene	22.792	252	448789m	3.616	ng/ul	
25) Benzo(k)fluoranthene	22.830	252	176024m	1.477	ng/ul	
26) Benzo(a)pyrene	23.362	252	141759	1.608	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.700	276	141513	1.190	ng/ul	93
28) Dibenzo(a,h)anthracene	25.713	278	51534	0.561	ng/ul	94
29) Benzo(g,h,i)perylene	26.391	276	20705	0.219	ng/ul#	88

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

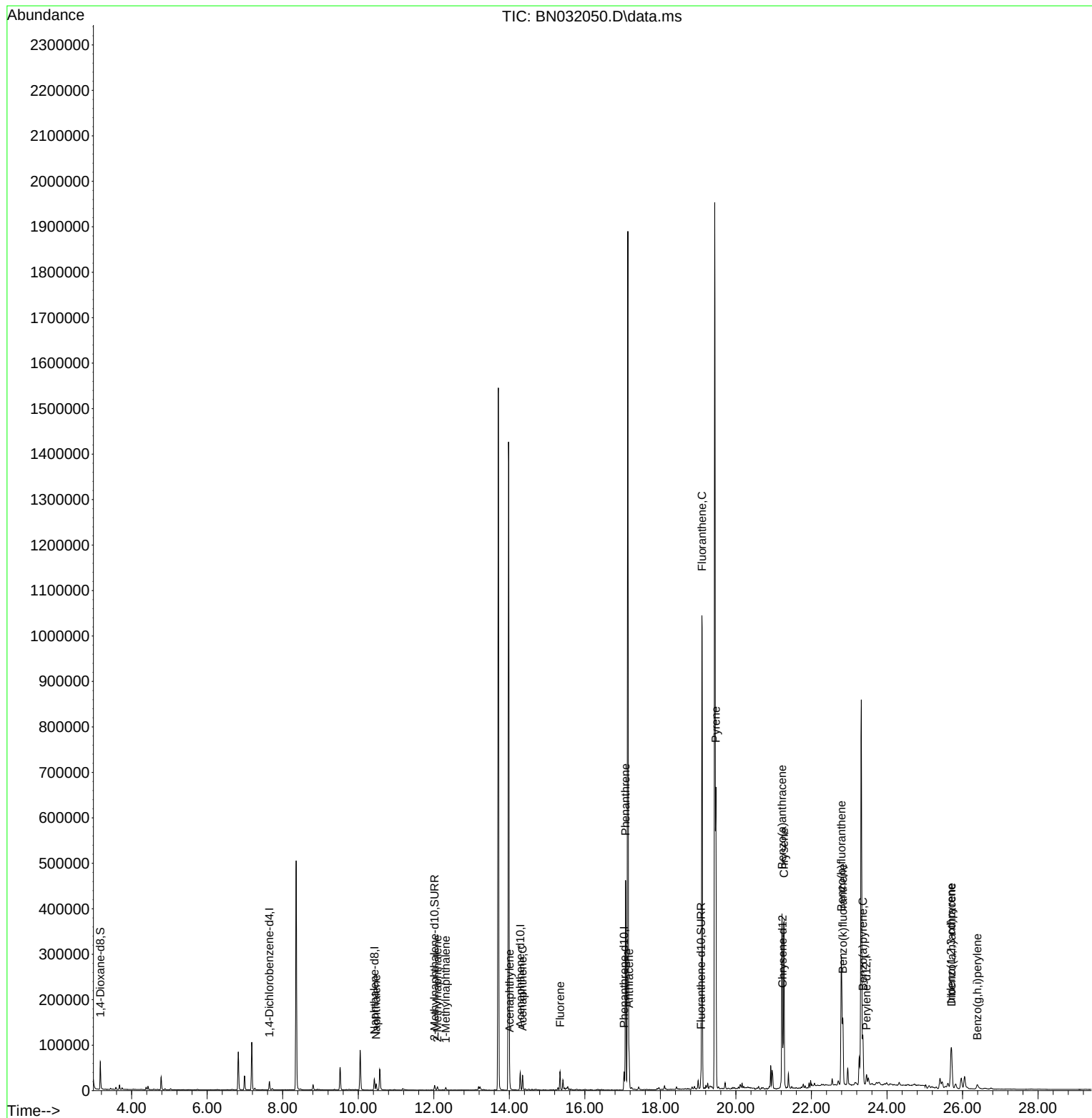
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032050.D
Acq On : 18 Jun 2024 18:30
Operator : MA/JU
Sample : P2696-25
Misc :
ALS Vial : 7 Sample Multiplier: 1

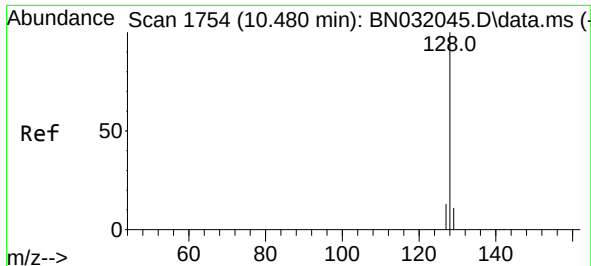
Instrument :
BNA_N
ClientSampleId :
A4BM6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

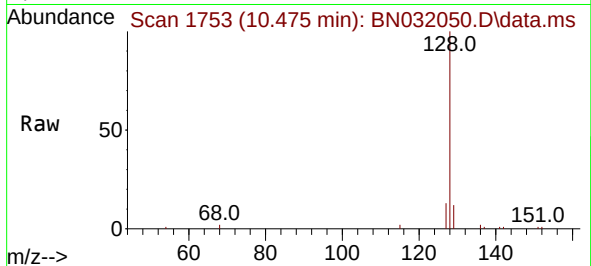
Quant Time: Jun 18 19:17:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 14:06:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.197 ng/ul
RT: 10.475 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30

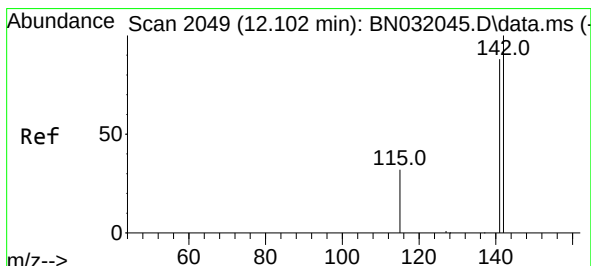
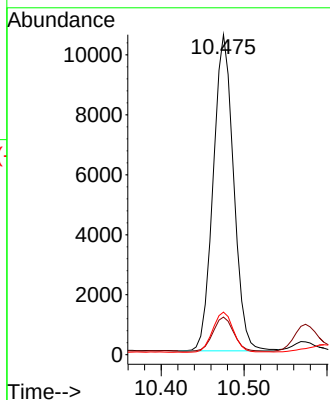
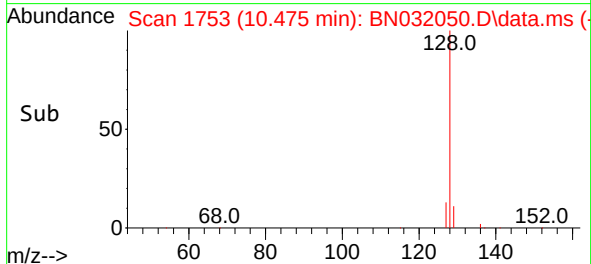
Instrument :
BNA_N
ClientSampleId :
A4BM6



Tgt Ion:128 Resp: 1801
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.3 10.3 15.5

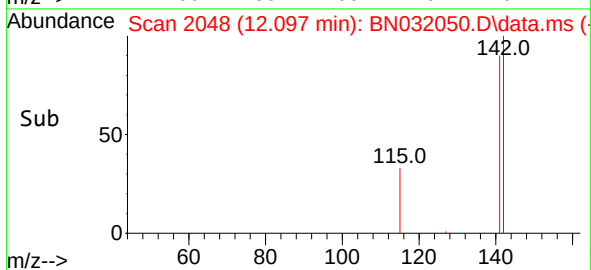
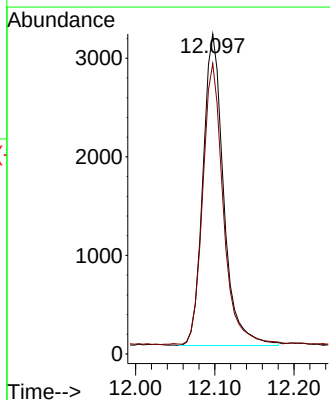
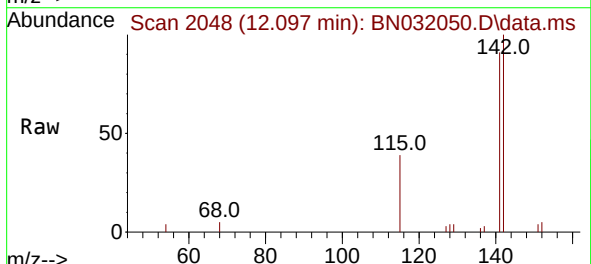
Manual Integrations
APPROVED

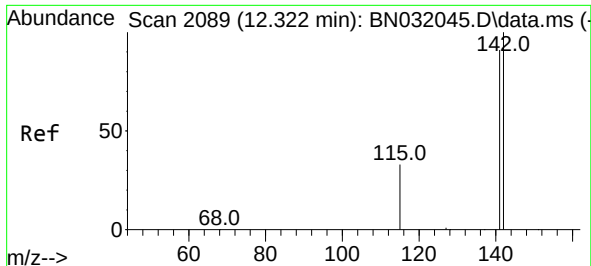
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.097 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30

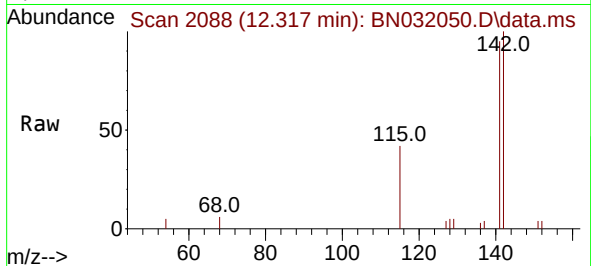
Tgt Ion:142 Resp: 5736
Ion Ratio Lower Upper
142 100
141 89.6 69.7 104.5





#8
1-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.317 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30

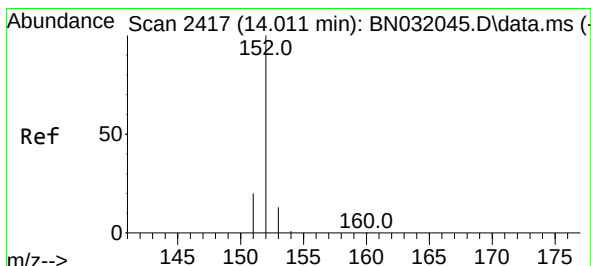
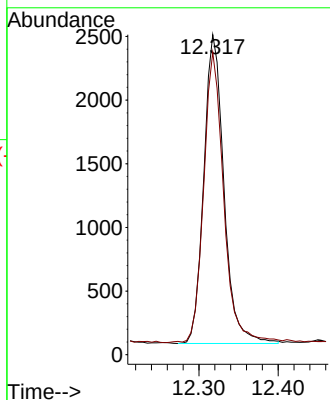
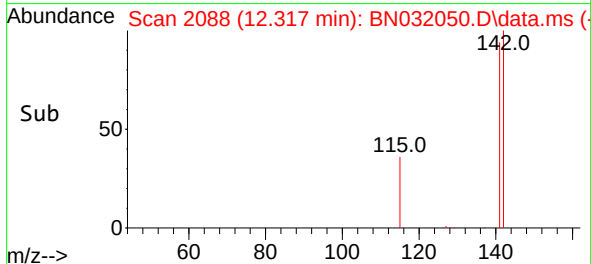
Instrument :
BNA_N
ClientSampleId :
A4BM6



Tgt Ion:142 Resp: 4290
Ion Ratio Lower Upper
142 100
141 93.2 71.7 107.5

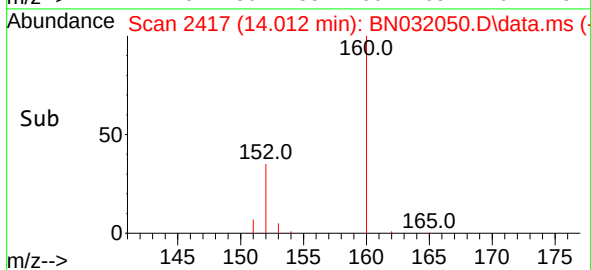
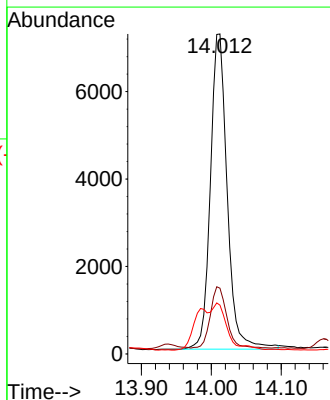
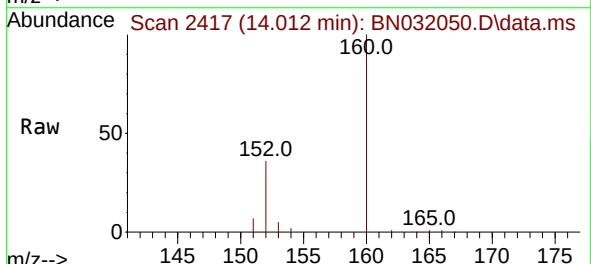
Manual Integrations
APPROVED

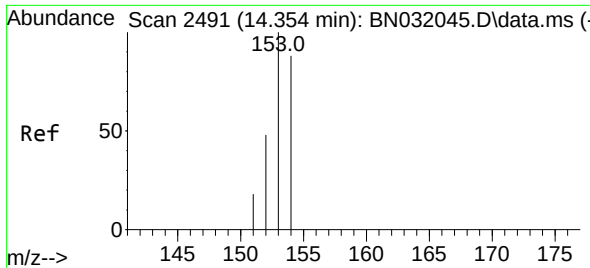
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.129 ng/ul
RT: 14.012 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30

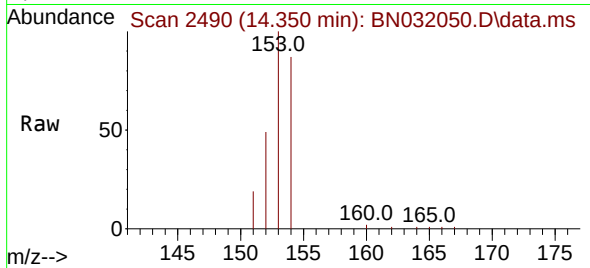
Tgt Ion:152 Resp: 12071
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 15.2 10.6 16.0





#11
Acenaphthene
Concen: 0.273 ng/ul
RT: 14.350 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30

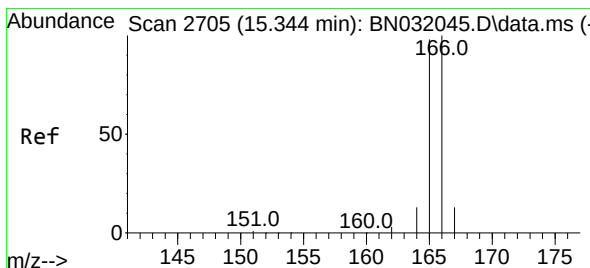
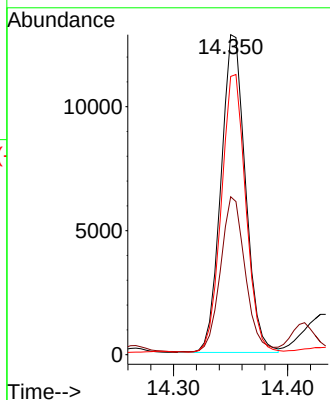
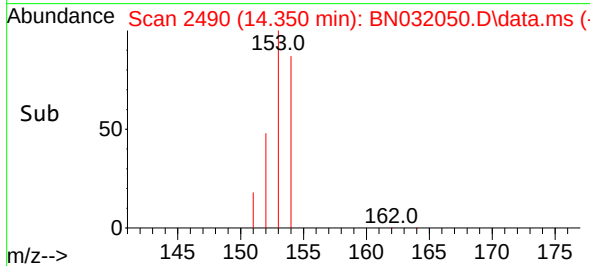
Instrument :
BNA_N
ClientSampleId :
A4BM6



Tgt Ion:153 Resp: 1910
Ion Ratio Lower Upper
153 100
152 49.4 39.4 59.2
154 87.0 71.2 106.8

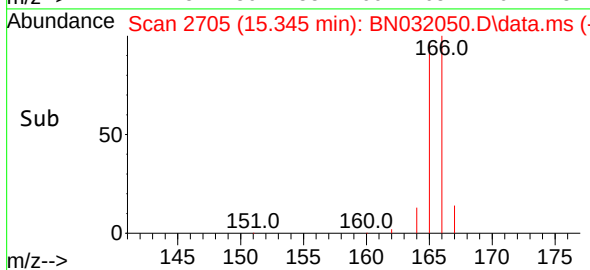
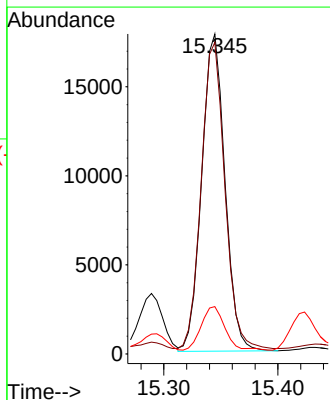
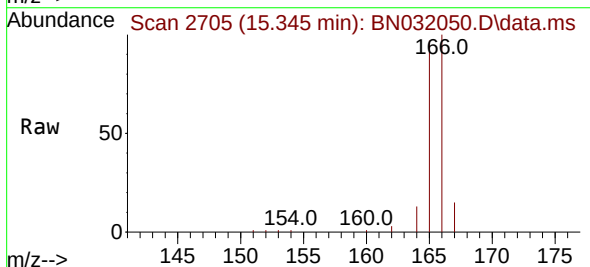
Manual Integrations
APPROVED

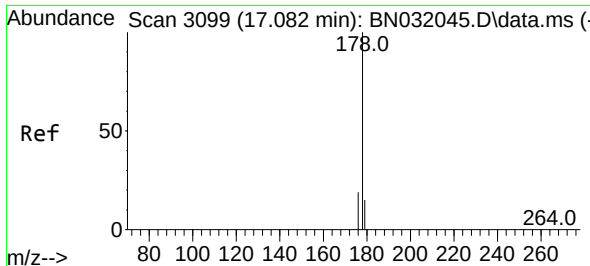
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.295 ng/ul
RT: 15.345 min Scan# 2705
Delta R.T. -0.000 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30

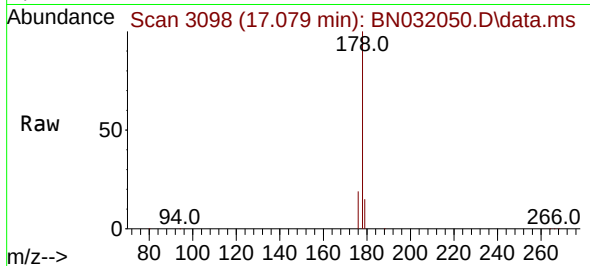
Tgt Ion:166 Resp: 25227
Ion Ratio Lower Upper
166 100
165 97.3 79.0 118.6
167 14.8 11.0 16.6





#15
Phenanthrene
Concen: 3.768 ng/u1
RT: 17.079 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30

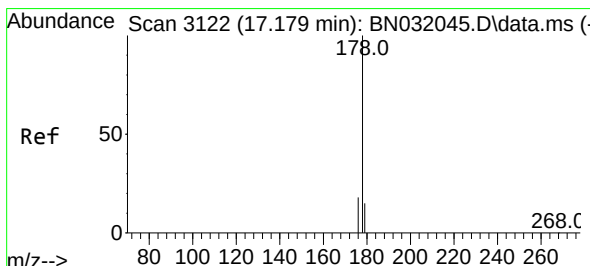
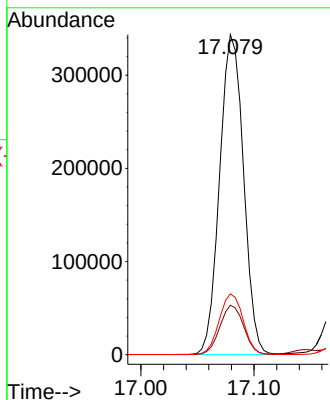
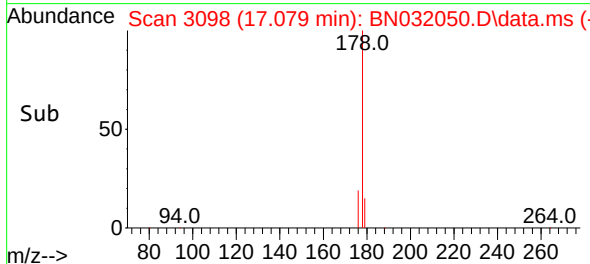
Instrument :
BNA_N
ClientSampleId :
A4BM6



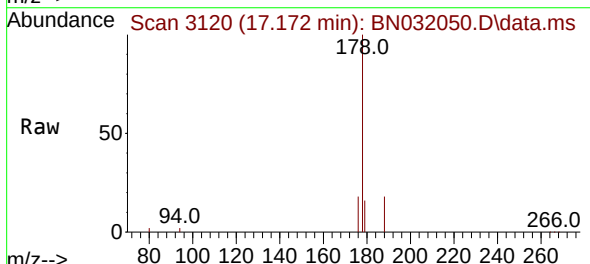
Tgt Ion:178 Resp: 503629
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.0 15.3 22.9

Manual Integrations
APPROVED

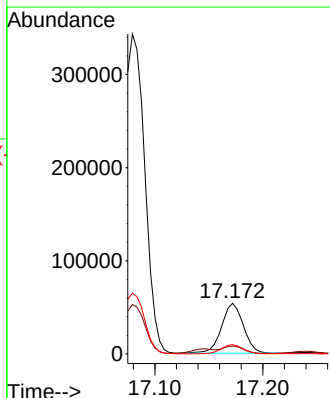
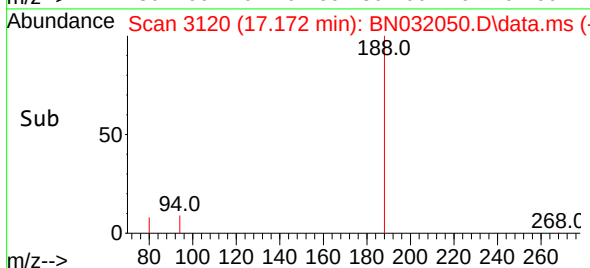
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

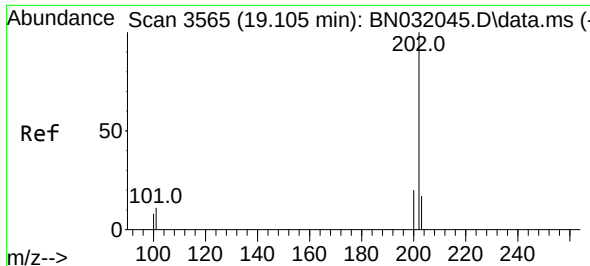


#16
Anthracene
Concen: 0.622 ng/u1
RT: 17.172 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30



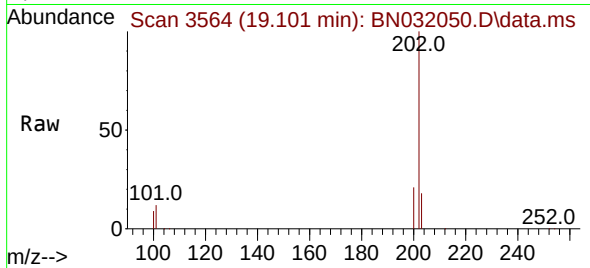
Tgt Ion:178 Resp: 74820
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 18.4 14.8 22.2





#19
Fluoranthene
Concen: 7.896 ng/ul
RT: 19.101 min Scan# 3564
Delta R.T. -0.005 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30

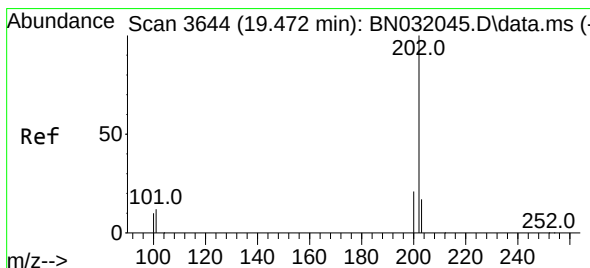
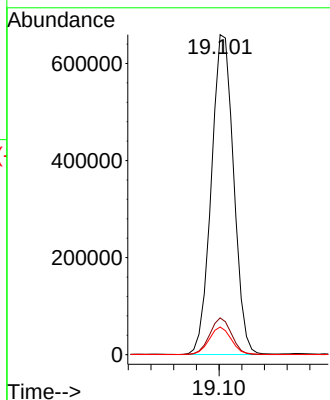
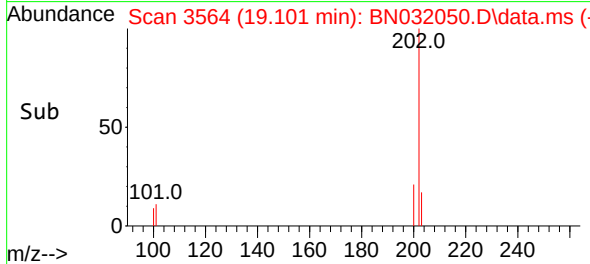
Instrument :
BNA_N
ClientSampleId :
A4BM6



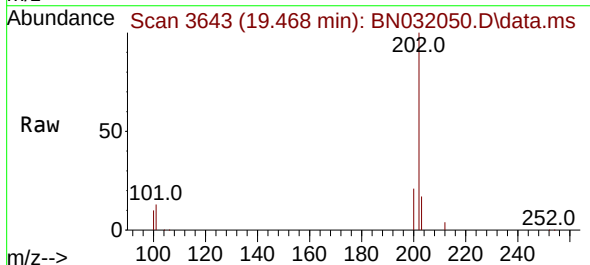
Tgt Ion:202 Resp: 898797
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 8.7 6.6 9.8

Manual Integrations
APPROVED

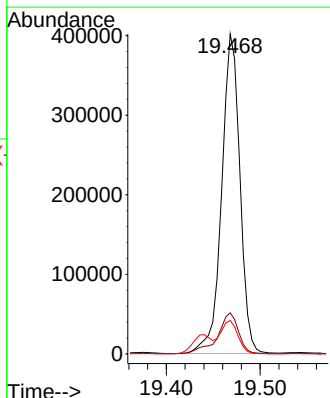
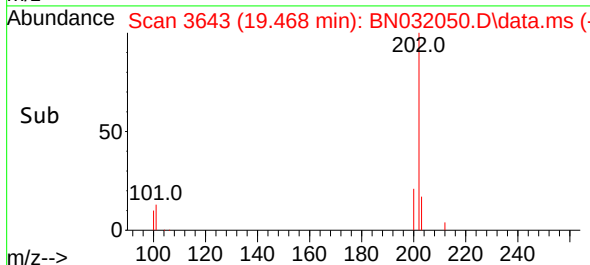
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

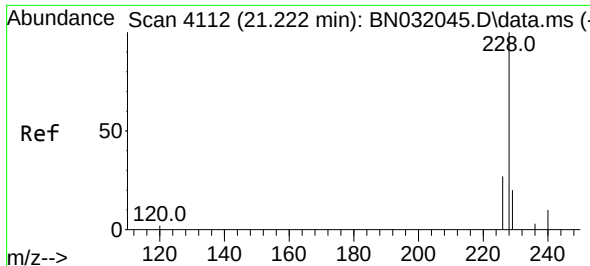


#20
Pyrene
Concen: 4.557 ng/ul
RT: 19.468 min Scan# 3643
Delta R.T. -0.000 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30



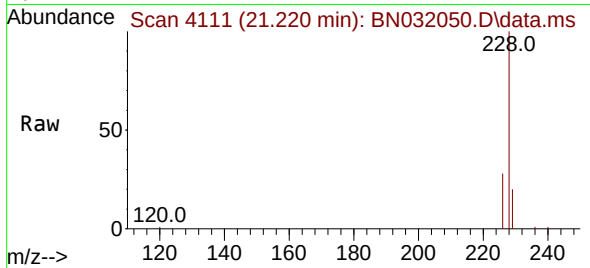
Tgt Ion:202 Resp: 543373
Ion Ratio Lower Upper
202 100
101 12.8 10.5 15.7
100 10.4 8.6 12.8





#21
Benzo(a)anthracene
Concen: 2.745 ng/ul
RT: 21.220 min Scan# 4112
Delta R.T. -0.003 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30

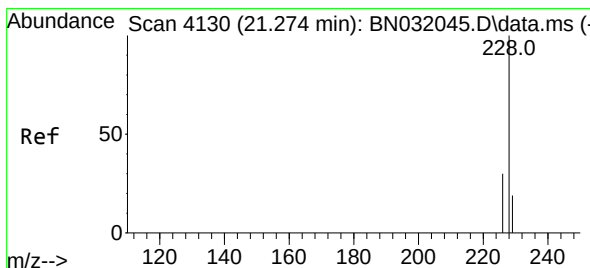
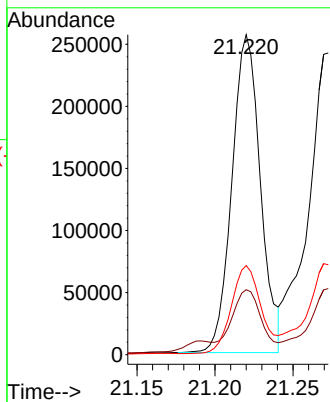
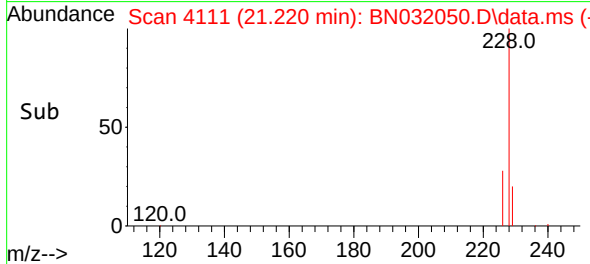
Instrument :
BNA_N
ClientSampleId :
A4BM6



Tgt Ion:228 Resp: 32526
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.8 21.7 32.5

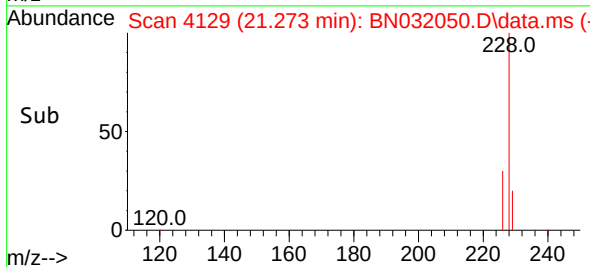
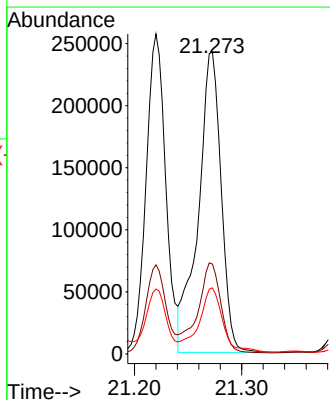
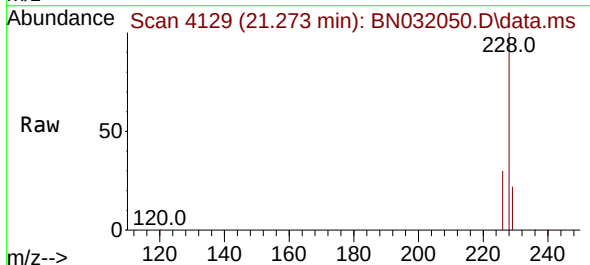
Manual Integrations
APPROVED

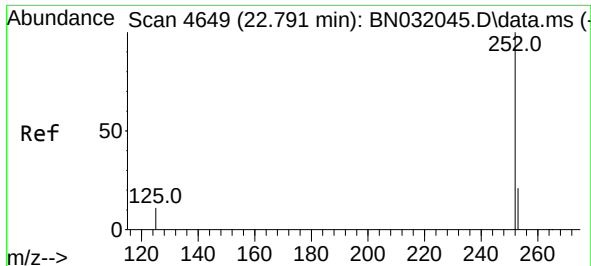
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 3.038 ng/ul
RT: 21.273 min Scan# 4129
Delta R.T. -0.003 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30

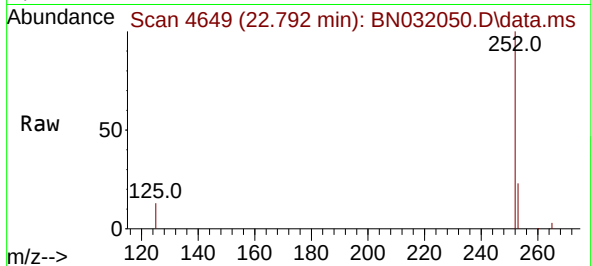
Tgt Ion:228 Resp: 358993
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 21.9 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 3.616 ng/ul m
RT: 22.792 min Scan# 4649
Delta R.T. -0.000 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30

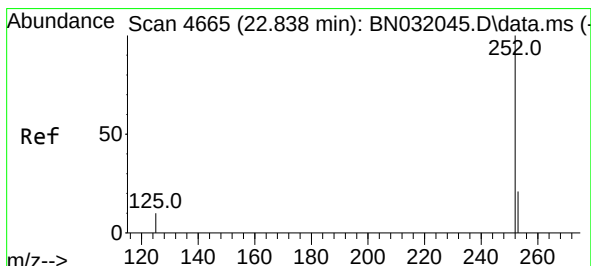
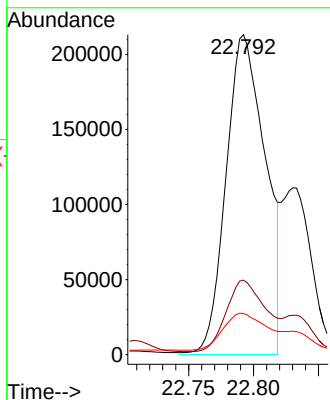
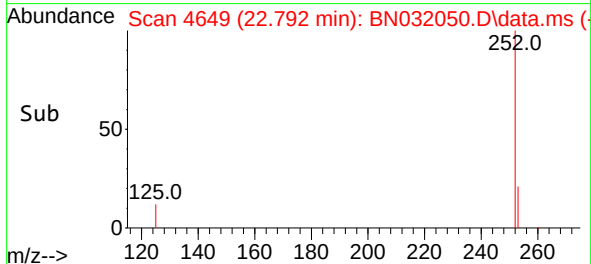
Instrument :
BNA_N
ClientSampleId :
A4BM6



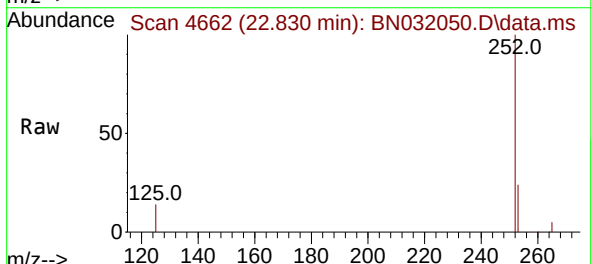
Tgt Ion:252 Resp: 448789
Ion Ratio Lower Upper
252 100
253 23.3 0.0 47.4
125 12.9 0.0 28.8

Manual Integrations
APPROVED

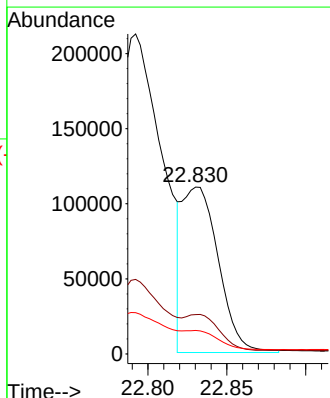
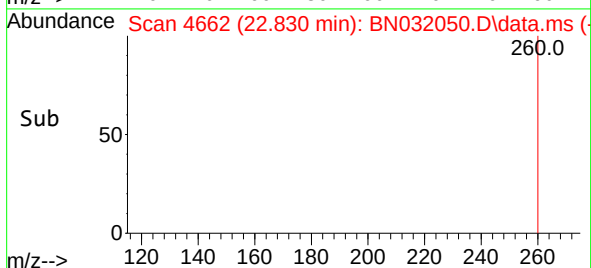
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

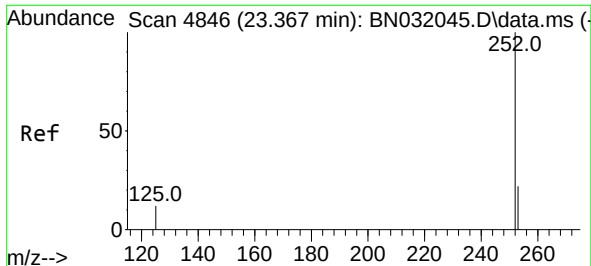


#25
Benzo(k)fluoranthene
Concen: 1.477 ng/ul m
RT: 22.830 min Scan# 4662
Delta R.T. -0.006 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30



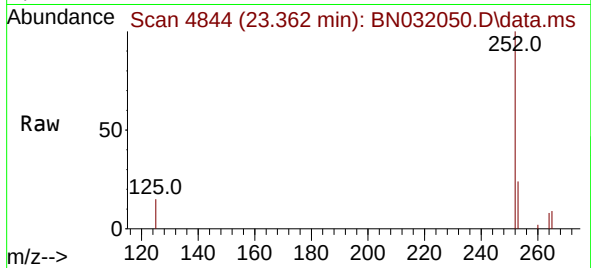
Tgt Ion:252 Resp: 176024
Ion Ratio Lower Upper
252 100
253 23.6 18.8 28.2
125 14.1 11.1 16.7





#26
Benzo(a)pyrene
Concen: 1.608 ng/ul
RT: 23.362 min Scan# 4846
Delta R.T. -0.003 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30

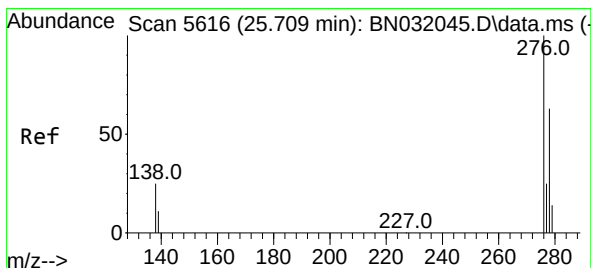
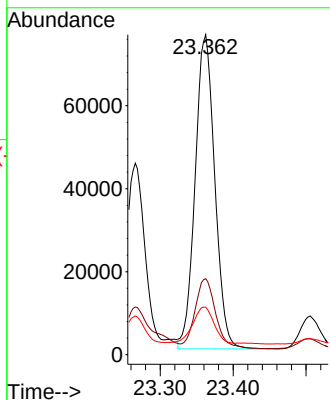
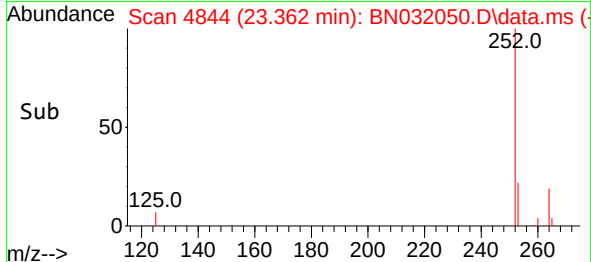
Instrument :
BNA_N
ClientSampleId :
A4BM6



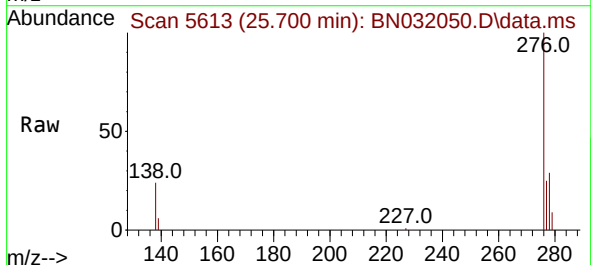
Tgt Ion:252 Resp: 141759
Ion Ratio Lower Upper
252 100
253 23.7 19.9 29.9
125 14.8 13.5 20.3

Manual Integrations
APPROVED

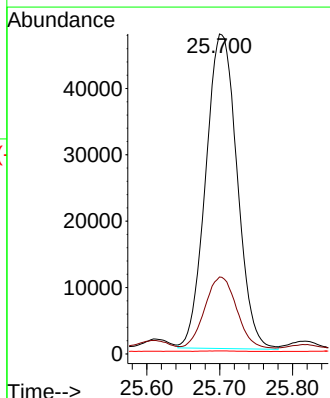
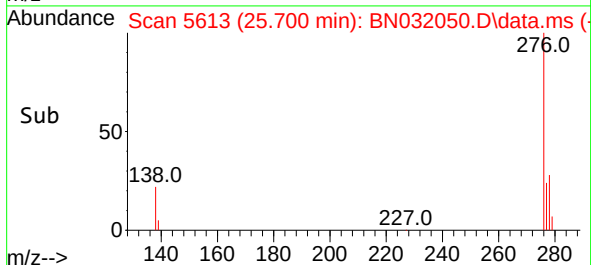
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

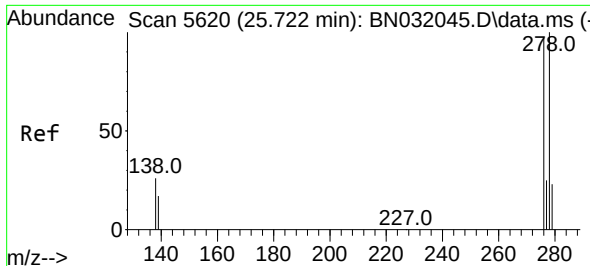


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.190 ng/ul
RT: 25.700 min Scan# 5613
Delta R.T. -0.007 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30



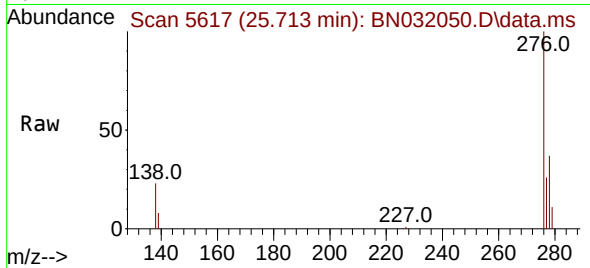
Tgt Ion:276 Resp: 141513
Ion Ratio Lower Upper
276 100
138 22.8 21.0 31.4
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.561 ng/ul
RT: 25.713 min Scan# 51534
Delta R.T. -0.010 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30

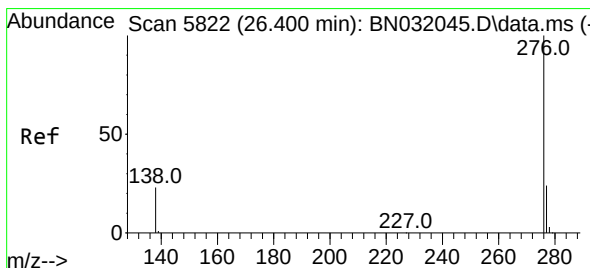
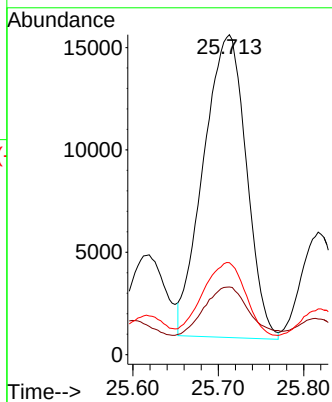
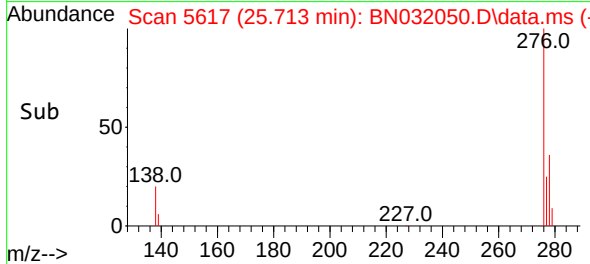
Instrument :
BNA_N
ClientSampleId :
A4BM6



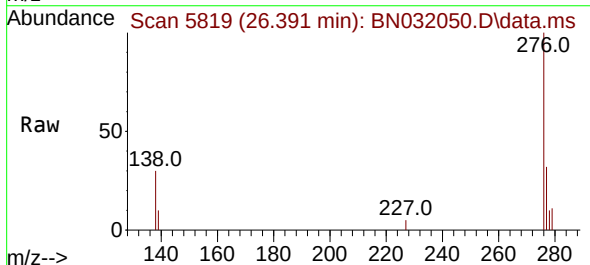
Tgt Ion:278 Resp: 51534
Ion Ratio Lower Upper
278 100
139 21.1 14.9 22.3
279 28.8 20.6 31.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.219 ng/ul
RT: 26.391 min Scan# 5819
Delta R.T. -0.007 min
Lab File: BN032050.D
Acq: 18 Jun 2024 18:30



Tgt Ion:276 Resp: 20705
Ion Ratio Lower Upper
276 100
138 30.0 19.0 28.4#
277 31.5 20.4 30.6#

