

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032052.D
 Acq On : 18 Jun 2024 19:43
 Operator : MA/JU
 Sample : P2696-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BN2

Manual Integrations
 APPROVED

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

Quant Time: Jun 18 22:55:56 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	7.650	152	11624	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	42241	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	27726	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.037	188	64151	0.400	ng/ul	0.00
17) Chrysene-d12	21.235	240	46576	0.400	ng/ul	0.00
23) Perylene-d12	23.459	264	35862m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	45888	3.682	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.021	152	18712	0.273	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	48495	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.475	128	2949	0.026	ng/ul#	88
10) Acenaphthylene	14.012	152	4311	0.036	ng/ul#	90
11) Acenaphthene	14.350	153	3130	0.035	ng/ul	97
12) Fluorene	15.345	166	5216	0.048	ng/ul	99
15) Phenanthrene	17.079	178	93094	0.515	ng/ul	100
16) Anthracene	17.172	178	17163	0.105	ng/ul	97
19) Fluoranthene	19.101	202	163195	0.951	ng/ul	99
20) Pyrene	19.468	202	126558m	0.704	ng/ul	
21) Benzo(a)anthracene	21.217	228	64925	0.363	ng/ul	97
22) Chrysene	21.270	228	68822	0.386	ng/ul	96
24) Benzo(b)fluoranthene	22.789	252	81605m	0.518	ng/ul	
25) Benzo(k)fluoranthene	22.830	252	31724m	0.210	ng/ul	
26) Benzo(a)pyrene	23.362	252	46306	0.414	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.703	276	34198	0.226	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.706	278	9366	0.080	ng/ul#	70
29) Benzo(g,h,i)perylene	26.391	276	34291	0.286	ng/ul	96

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

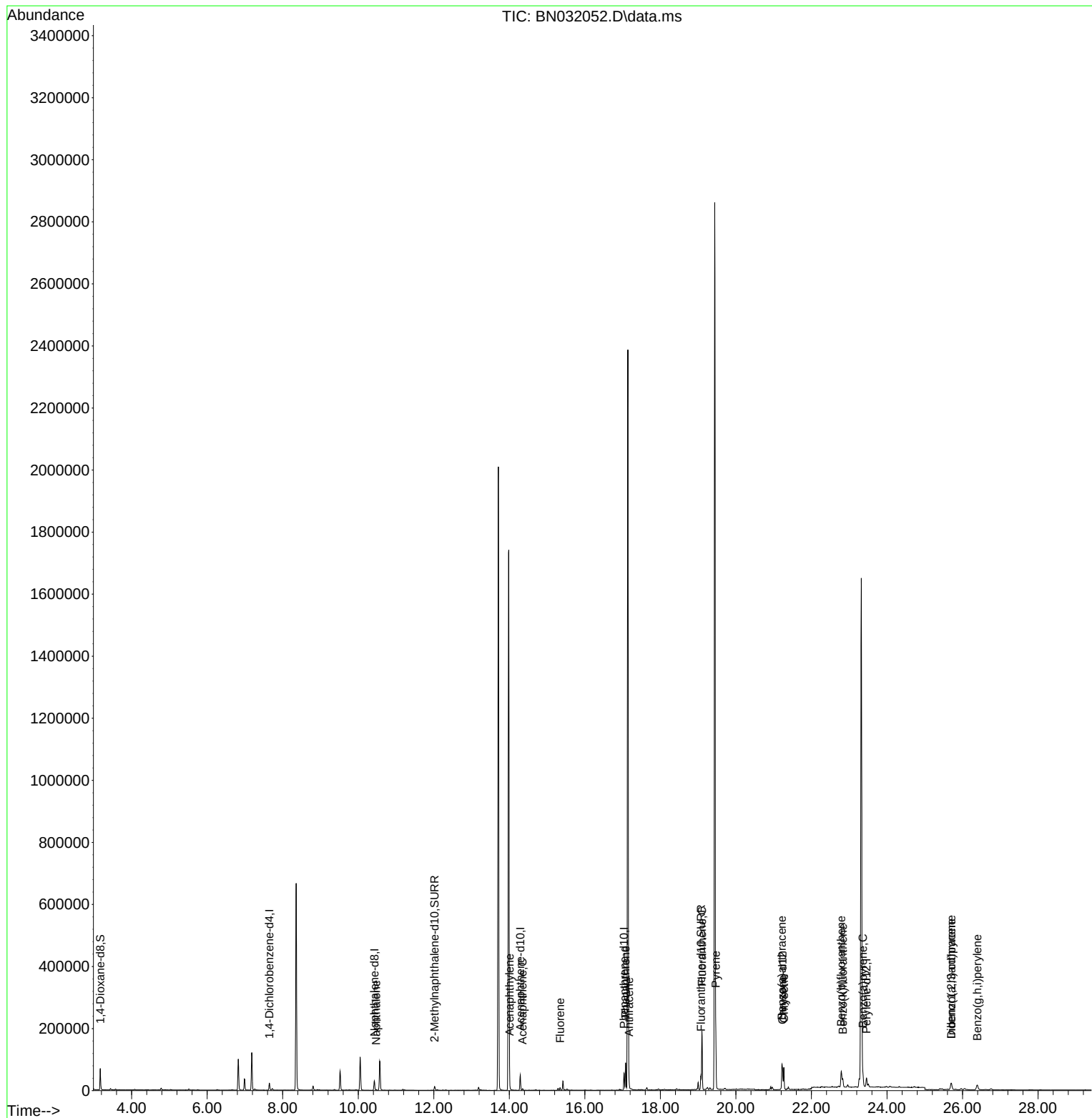
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032052.D
Acq On : 18 Jun 2024 19:43
Operator : MA/JU
Sample : P2696-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

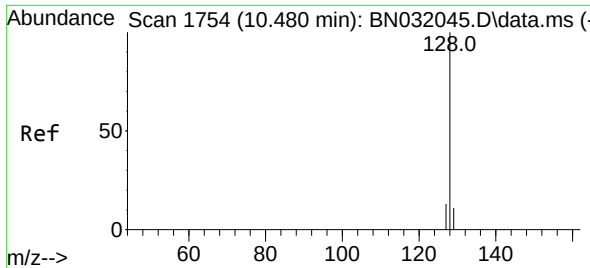
Instrument :
BNA_N
ClientSampleId :
A4BN2

Manual Integrations
APPROVED

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

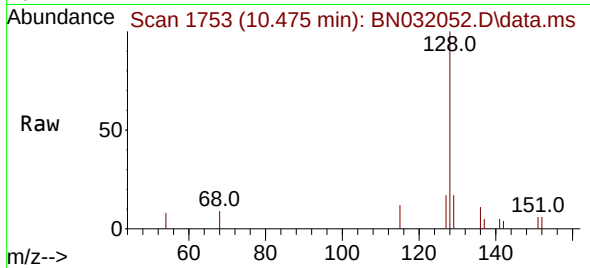
Quant Time: Jun 18 22:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 14:06:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.475 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43

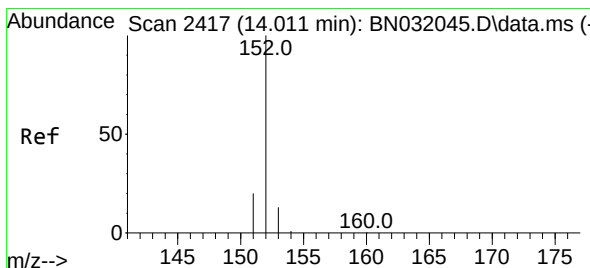
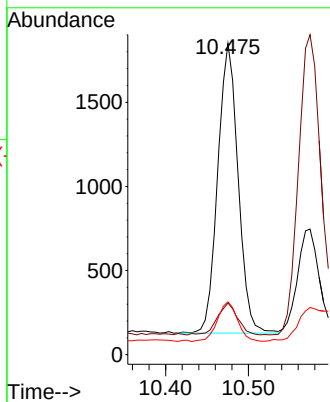
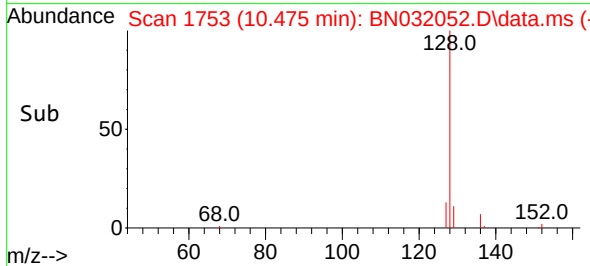
Instrument :
BNA_N
ClientSampleId :
A4BN2



Tgt Ion:128 Resp: 2949
Ion Ratio Lower Upper
128 100
129 16.6 9.3 13.9#
127 17.0 10.3 15.5#

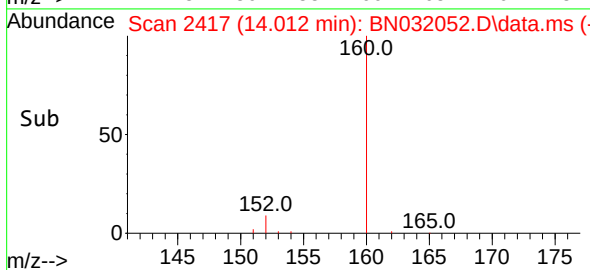
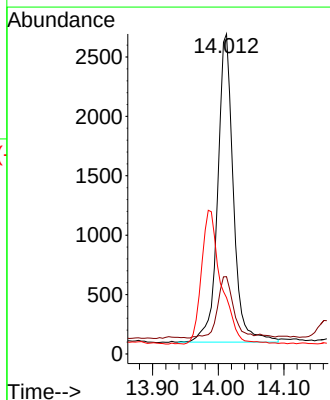
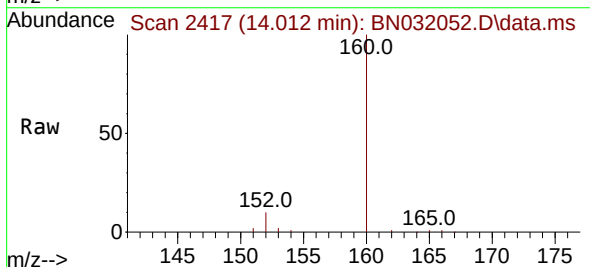
Manual Integrations
APPROVED

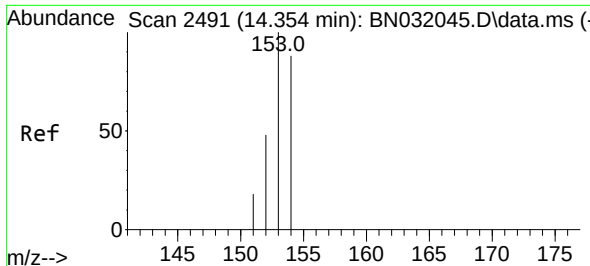
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.012 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43

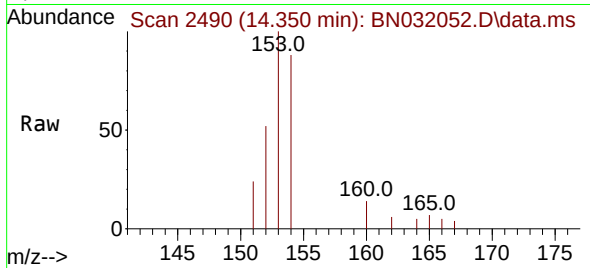
Tgt Ion:152 Resp: 4311
Ion Ratio Lower Upper
152 100
151 24.2 16.1 24.1#
153 17.6 10.6 16.0#





#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.350 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43

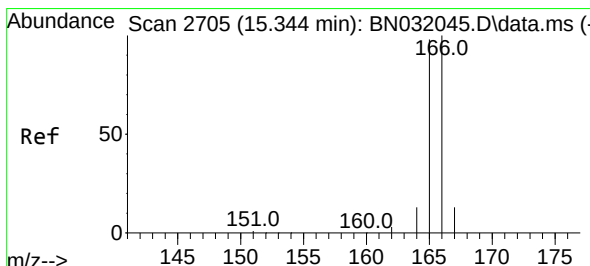
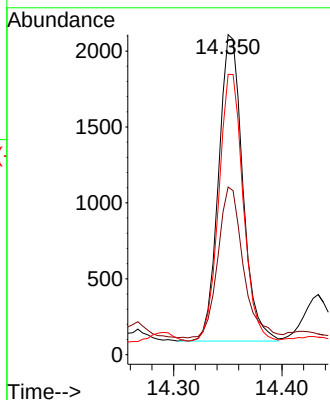
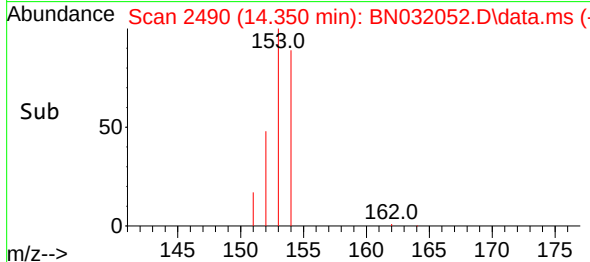
Instrument :
BNA_N
ClientSampleId :
A4BN2



Tgt Ion:153 Resp: 3130
Ion Ratio Lower Upper
153 100
152 52.4 39.4 59.2
154 87.6 71.2 106.8

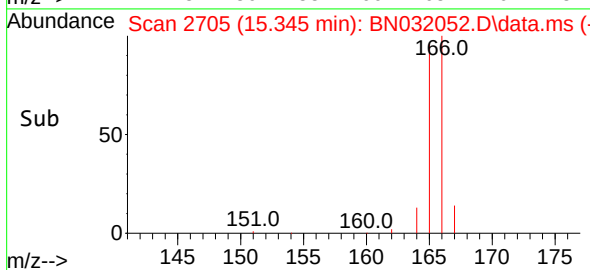
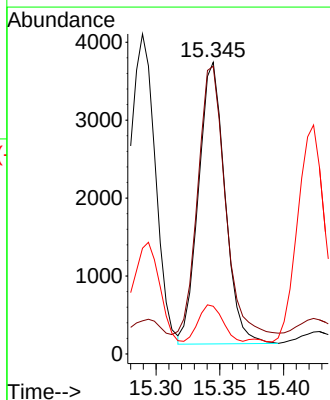
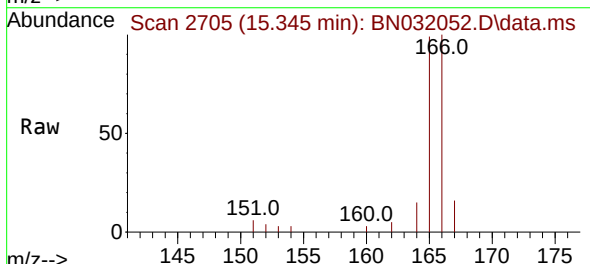
Manual Integrations
APPROVED

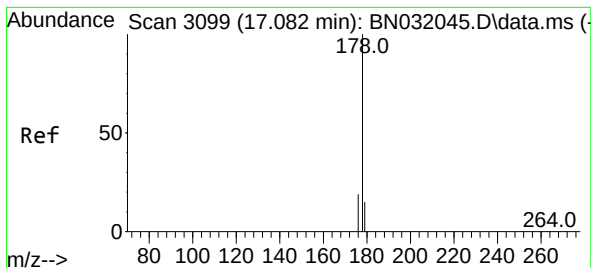
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.345 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43

Tgt Ion:166 Resp: 5216
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 16.3 11.0 16.6





#15

Phenanthrene

Concen: 0.515 ng/u1

RT: 17.079 min Scan# 3099

Delta R.T. -0.004 min

Lab File: BN032052.D

Acq: 18 Jun 2024 19:43

Instrument :

BNA_N

ClientSampleId :

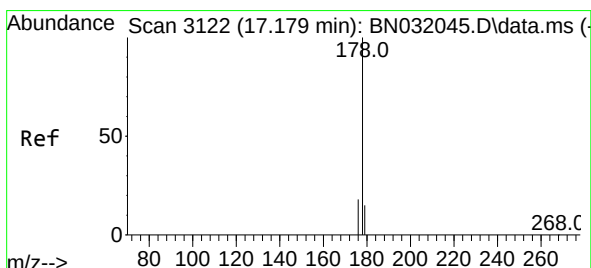
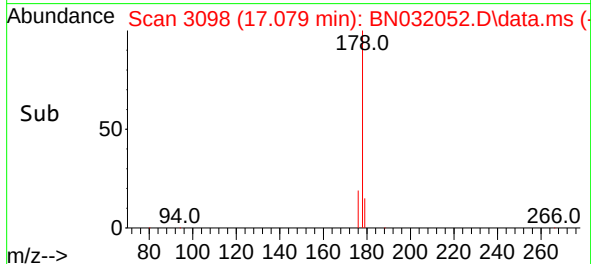
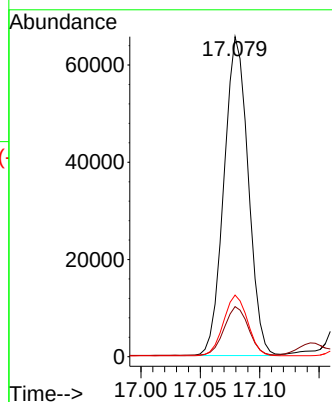
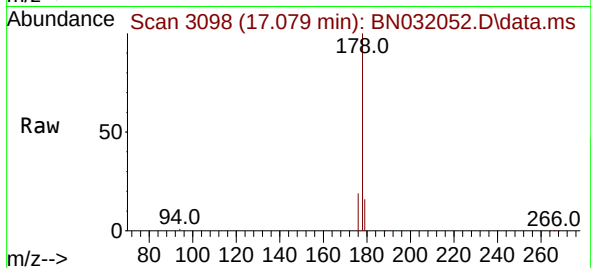
A4BN2

Tgt Ion:178	Resp:	93094
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.5 18.7
176	19.3	15.3 22.9

Manual Integrations

APPROVED

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



#16

Anthracene

Concen: 0.105 ng/u1

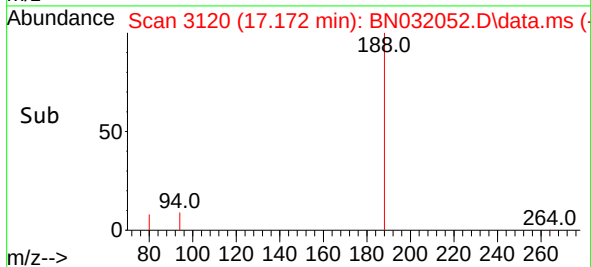
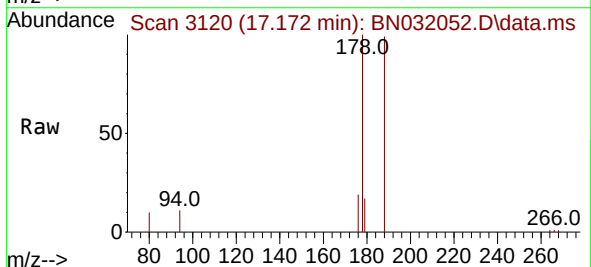
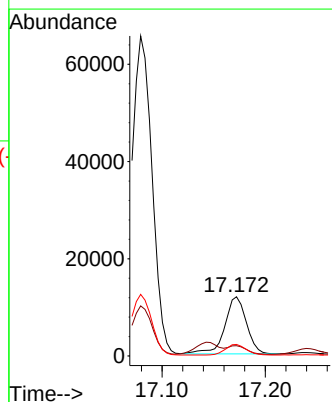
RT: 17.172 min Scan# 3120

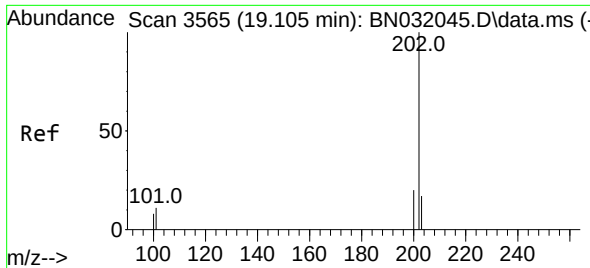
Delta R.T. -0.004 min

Lab File: BN032052.D

Acq: 18 Jun 2024 19:43

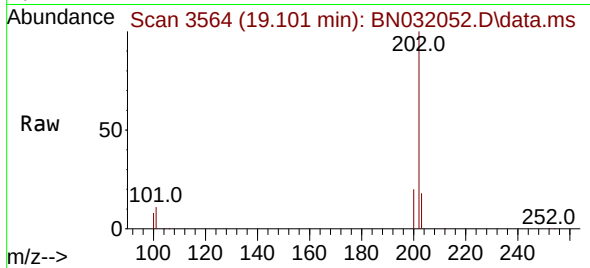
Tgt Ion:178	Resp:	17163
Ion Ratio	Lower	Upper
178	100	
179	17.4	12.7 19.1
176	19.4	14.8 22.2





#19
Fluoranthene
Concen: 0.951 ng/ul
RT: 19.101 min Scan# 3564
Delta R.T. -0.005 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43

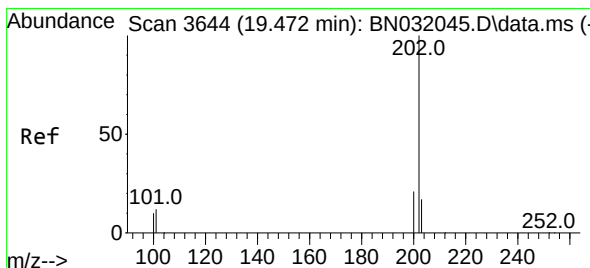
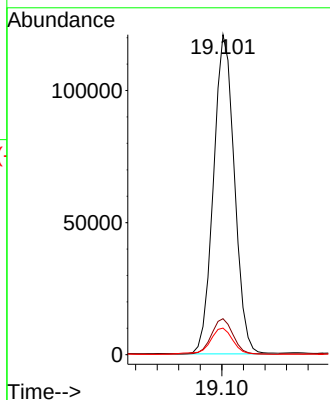
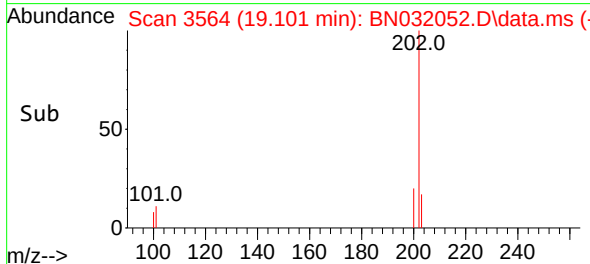
Instrument :
BNA_N
ClientSampleId :
A4BN2



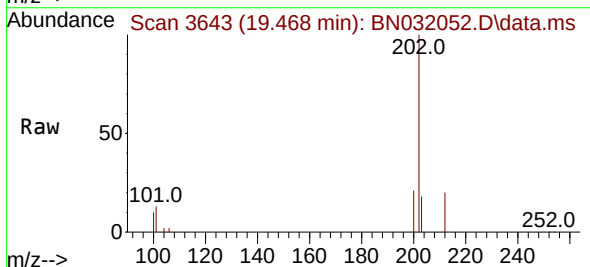
Tgt Ion:202 Resp: 16319
Ion Ratio Lower Upper
202 100
101 11.3 8.8 13.2
100 8.3 6.6 9.8

Manual Integrations
APPROVED

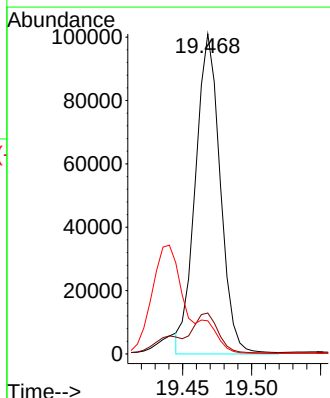
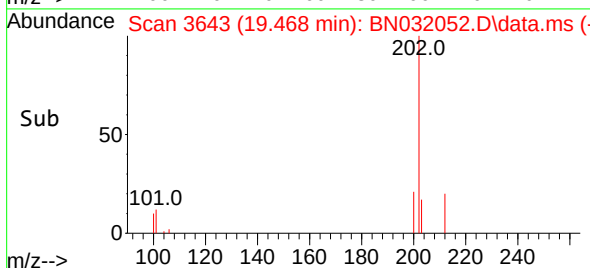
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

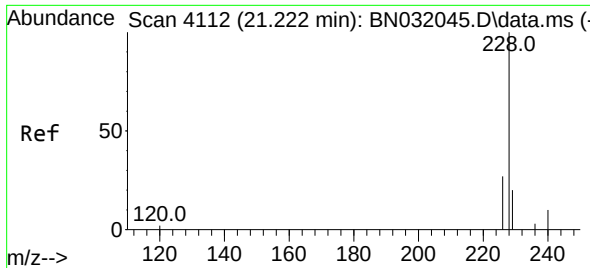


#20
Pyrene
Concen: 0.704 ng/ul m
RT: 19.468 min Scan# 3643
Delta R.T. 0.000 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43



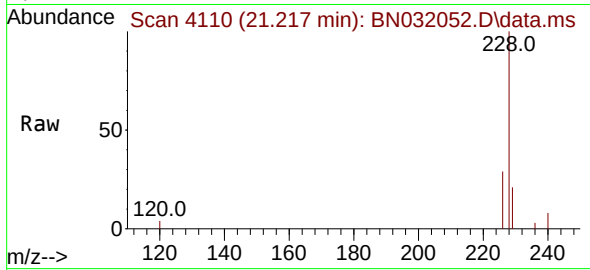
Tgt Ion:202 Resp: 126558
Ion Ratio Lower Upper
202 100
101 12.8 10.5 15.7
100 10.3 8.6 12.8





#21
Benzo(a)anthracene
Concen: 0.363 ng/u1
RT: 21.217 min Scan# 4112
Delta R.T. -0.006 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43

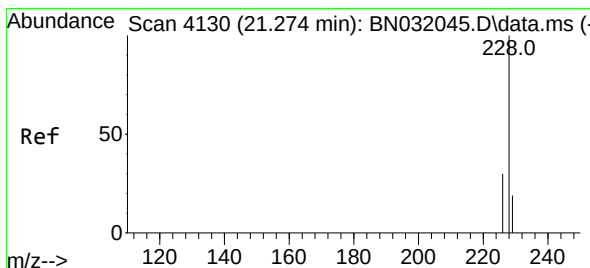
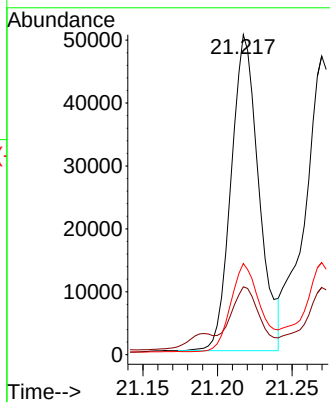
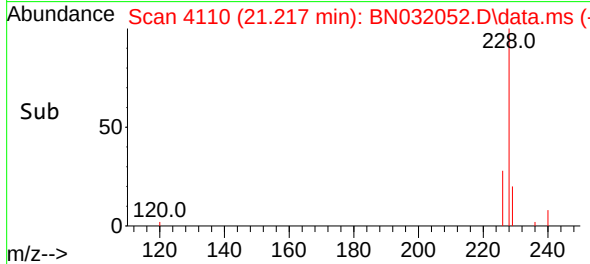
Instrument :
BNA_N
ClientSampleId :
A4BN2



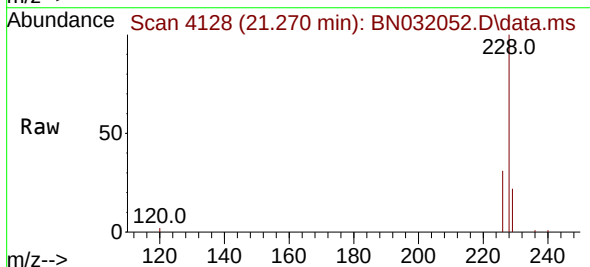
Tgt Ion:228 Resp: 64925
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 28.5 21.7 32.5

Manual Integrations
APPROVED

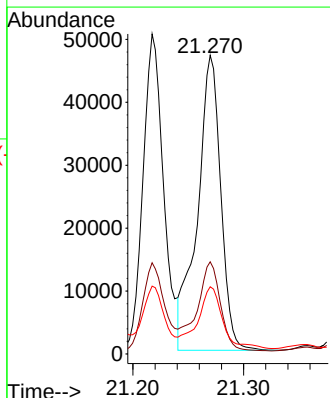
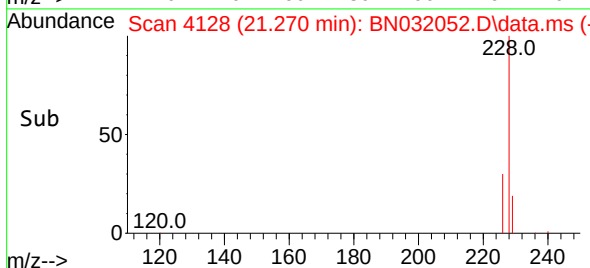
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

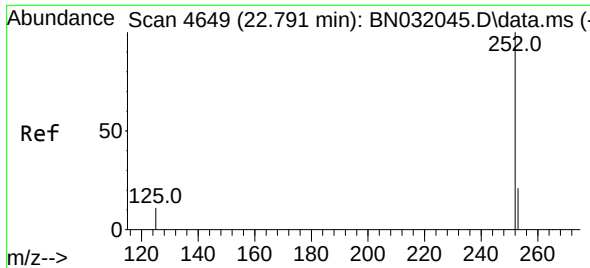


#22
Chrysene
Concen: 0.386 ng/u1
RT: 21.270 min Scan# 4128
Delta R.T. -0.006 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43



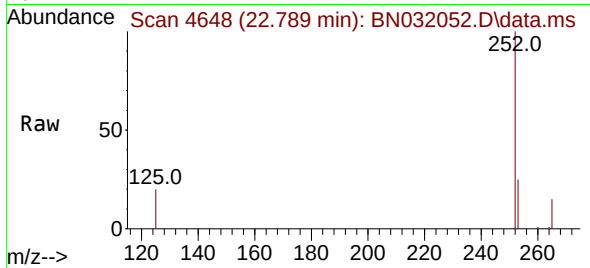
Tgt Ion:228 Resp: 68822
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 22.5 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.518 ng/ul m
RT: 22.789 min Scan# 4648
Delta R.T. -0.003 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43

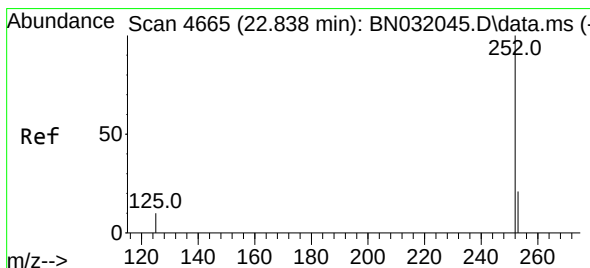
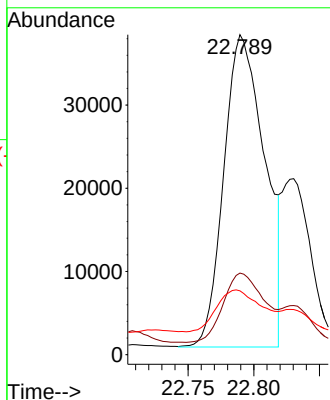
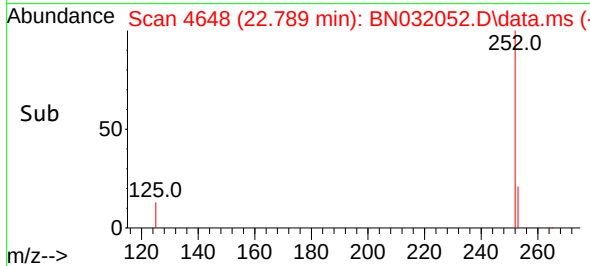
Instrument :
BNA_N
ClientSampleId :
A4BN2



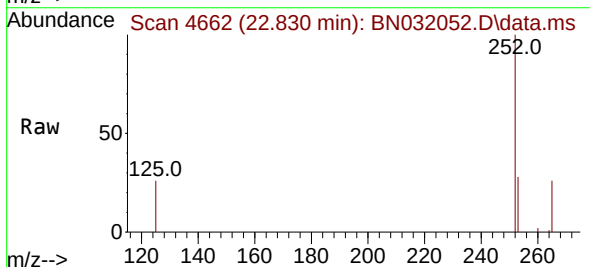
Tgt Ion:252 Resp: 8160
Ion Ratio Lower Upper
252 100
253 25.5 0.0 47.4
125 19.9 0.0 28.8

Manual Integrations
APPROVED

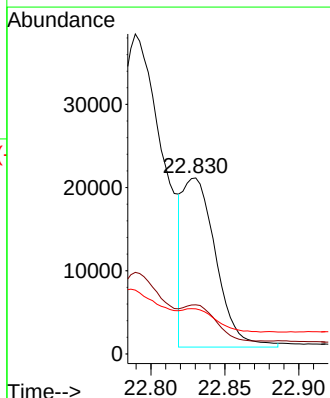
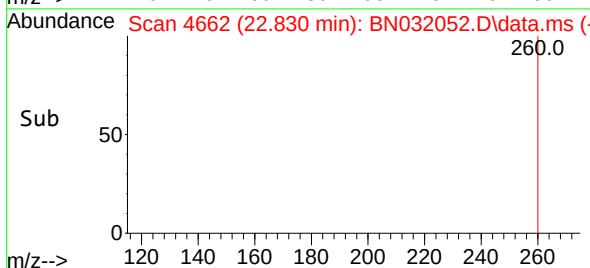
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

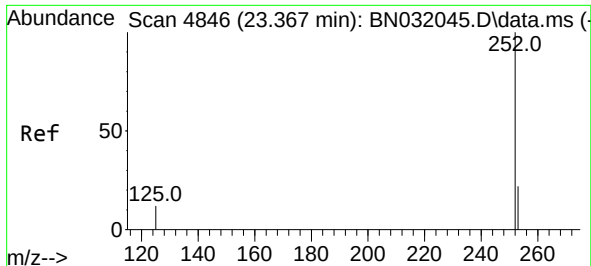


#25
Benzo(k)fluoranthene
Concen: 0.210 ng/ul m
RT: 22.830 min Scan# 4662
Delta R.T. -0.006 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43



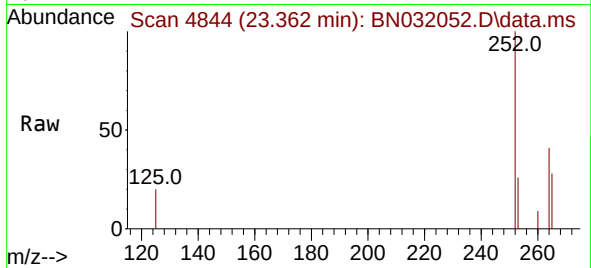
Tgt Ion:252 Resp: 31724
Ion Ratio Lower Upper
252 100
253 27.9 18.8 28.2
125 25.6 11.1 16.7#





#26
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.362 min Scan# 4846
Delta R.T. -0.003 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43

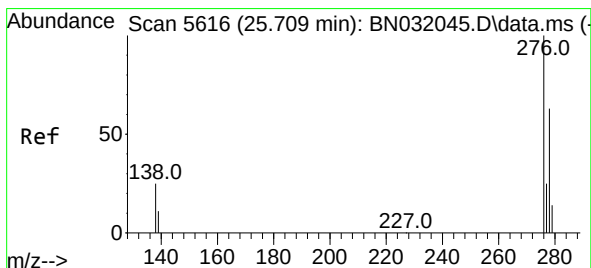
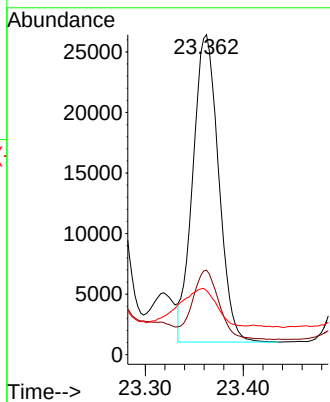
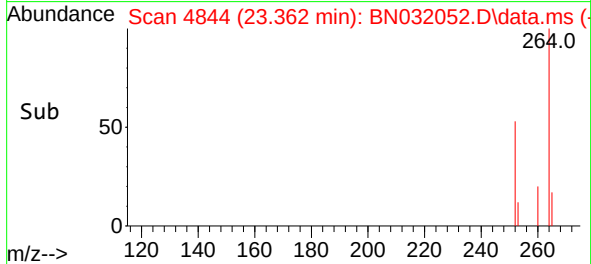
Instrument :
BNA_N
ClientSampleId :
A4BN2



Tgt Ion:252 Resp: 46300
Ion Ratio Lower Upper
252 100
253 26.4 19.9 29.9
125 20.0 13.5 20.3

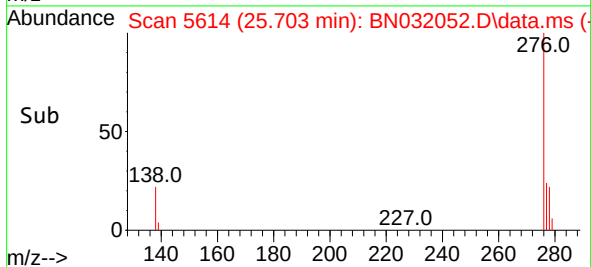
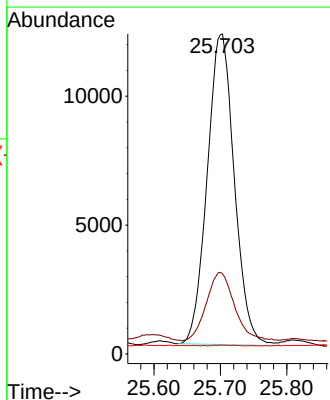
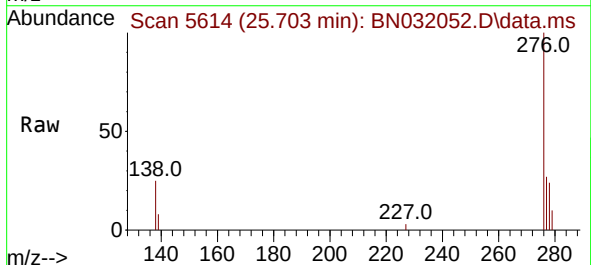
Manual Integrations
APPROVED

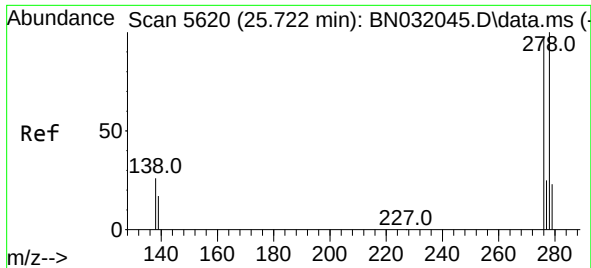
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.226 ng/ul
RT: 25.703 min Scan# 5614
Delta R.T. -0.003 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43

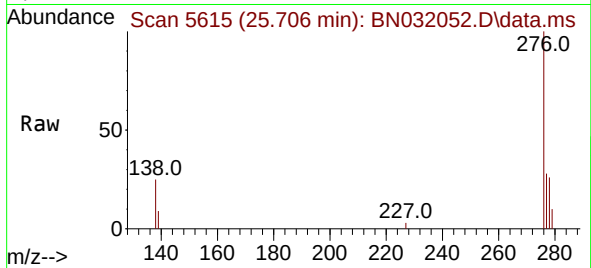
Tgt Ion:276 Resp: 34198
Ion Ratio Lower Upper
276 100
138 23.5 21.0 31.4
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 25.706 min Scan# 5615
Delta R.T. -0.017 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43

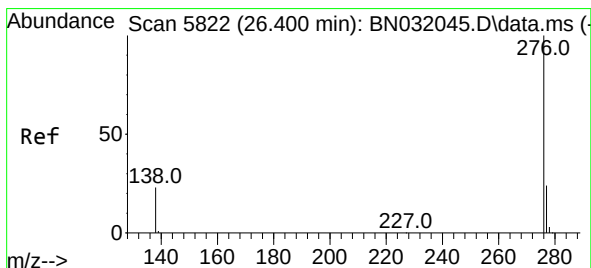
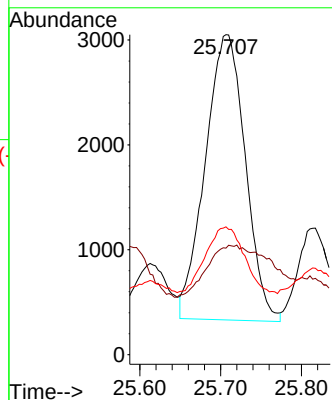
Instrument :
BNA_N
ClientSampleId :
A4BN2



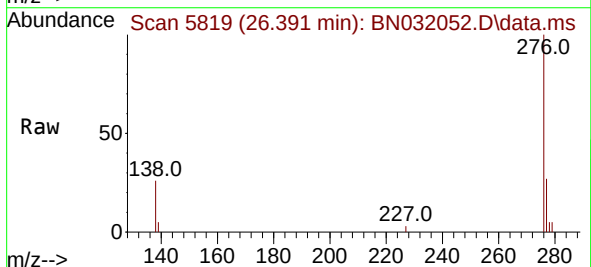
Tgt Ion:278 Resp: 9360
Ion Ratio Lower Upper
278 100
139 33.3 14.9 22.3
279 40.0 20.6 31.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.286 ng/ul
RT: 26.391 min Scan# 5819
Delta R.T. -0.007 min
Lab File: BN032052.D
Acq: 18 Jun 2024 19:43



Tgt Ion:276 Resp: 34291
Ion Ratio Lower Upper
276 100
138 26.0 19.0 28.4
277 26.8 20.4 30.6

