

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032482.D
 Acq On : 04 Jul 2024 19:58
 Operator : MA/JU
 Sample : P2963-12
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 23:08:00 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	8066	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	23106	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.243	164	13013	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.002	188	24144m	0.400	ng/ul	0.00
17) Chrysene-d12	21.207	240	18630m	0.400	ng/ul	0.00
23) Perylene-d12	23.426	264	26602m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	34470	3.845	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	8674	0.250	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	17427m	0.311	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.419	128	31810	0.520	ng/ul	99
7) 2-Methylnaphthalene	12.041	142	18744	0.462	ng/ul	99
8) 1-Methylnaphthalene	12.267	142	19671	0.468	ng/ul	99
10) Acenaphthylene	13.965	152	77689	1.435	ng/ul	98
11) Acenaphthene	14.307	153	44882	1.069	ng/ul	99
12) Fluorene	15.302	166	51426	1.027	ng/ul#	98
14) Pentachlorophenol	16.669	266	317m	0.058	ng/ul	
15) Phenanthrene	17.044	178	1312351m	19.826	ng/ul	
16) Anthracene	17.133	178	336922m	5.707	ng/ul	
19) Fluoranthene	19.067	202	1825500m	25.732	ng/ul	
20) Pyrene	19.435	202	1453199m	19.602	ng/ul	
21) Benzo(a)anthracene	21.190	228	933358m	13.881	ng/ul	
22) Chrysene	21.245	228	919287m	12.456	ng/ul	
24) Benzo(b)fluoranthene	22.762	252	1093012m	9.457	ng/ul	
25) Benzo(k)fluoranthene	22.800	252	423245m	3.769	ng/ul	
26) Benzo(a)pyrene	23.329	252	470584m	5.852	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.662	276	430746m	3.421	ng/ul	
28) Dibenzo(a,h)anthracene	25.662	278	168155m	1.797	ng/ul	
29) Benzo(g,h,i)perylene	26.353	276	62320m	0.621	ng/ul	

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

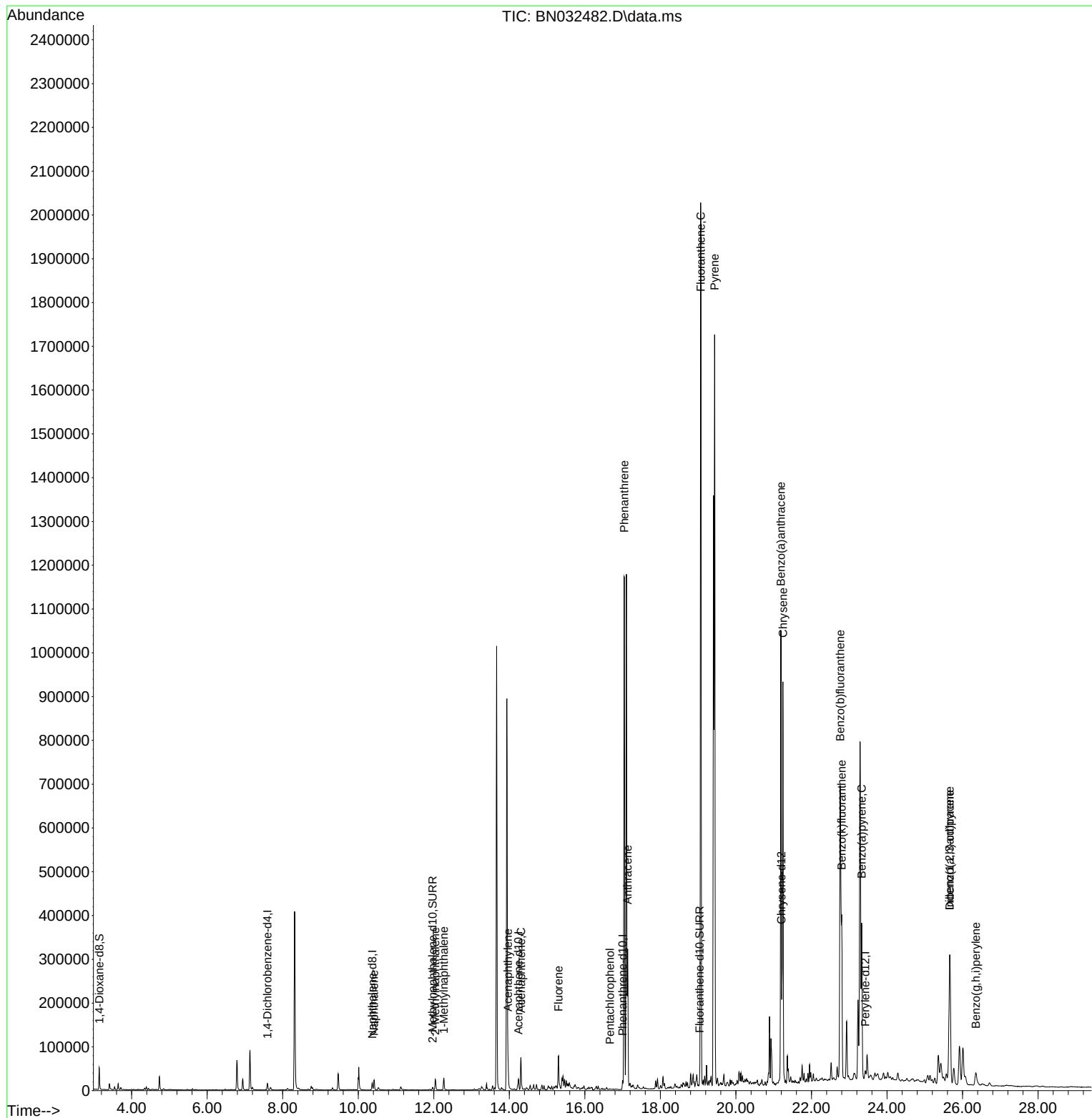
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

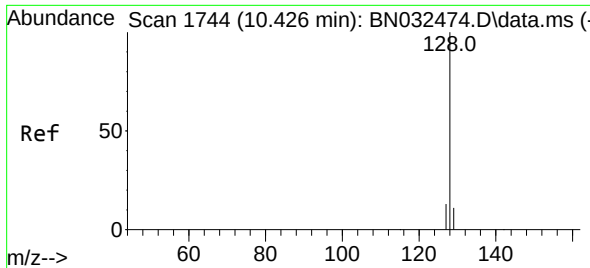
Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

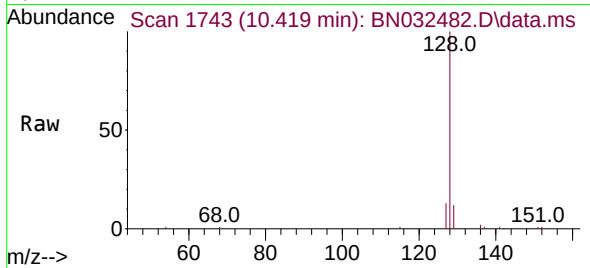
Quant Time: Jul 04 23:08:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.520 ng/ul
RT: 10.419 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

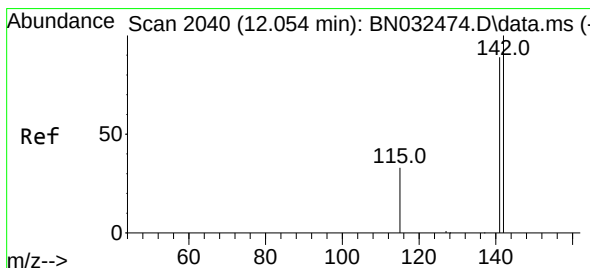
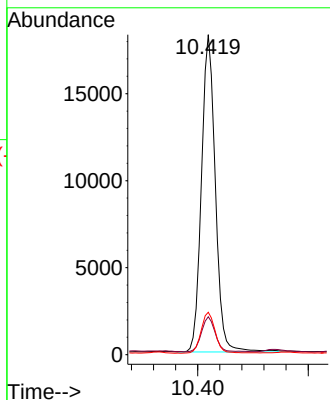
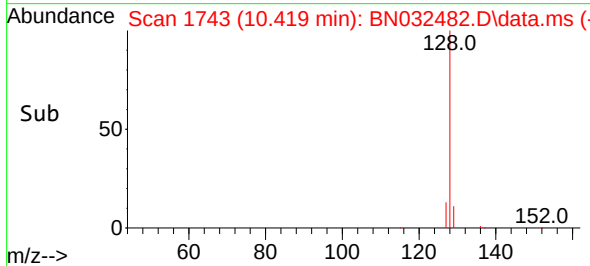
Instrument :
BNA_N
ClientSampleId :
A4CR6



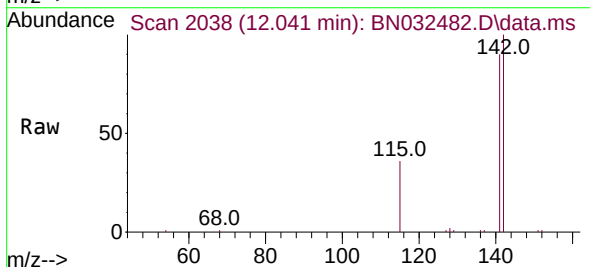
Tgt Ion:128 Resp: 31810
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.3 10.8 16.2

Manual Integrations
APPROVED

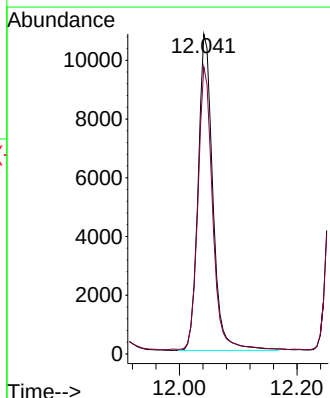
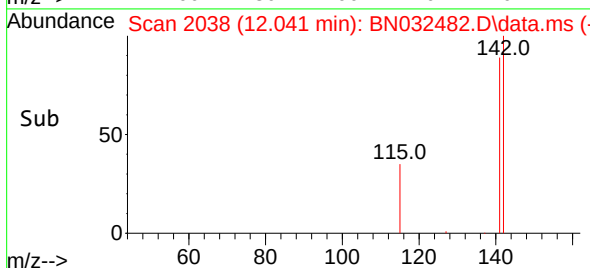
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

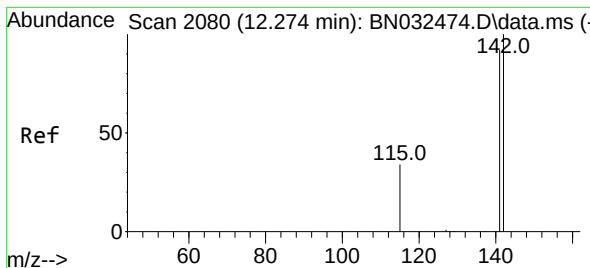


#7
2-Methylnaphthalene
Concen: 0.462 ng/ul
RT: 12.041 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58



Tgt Ion:142 Resp: 18744
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.468 ng/ul

RT: 12.267 min Scan# 2080

Delta R.T. -0.007 min

Lab File: BN032482.D

Acq: 04 Jul 2024 19:58

Instrument :

BNA_N

ClientSampleId :

A4CR6

Tgt Ion:142 Resp: 1967

Ion Ratio Lower Upper

142 100

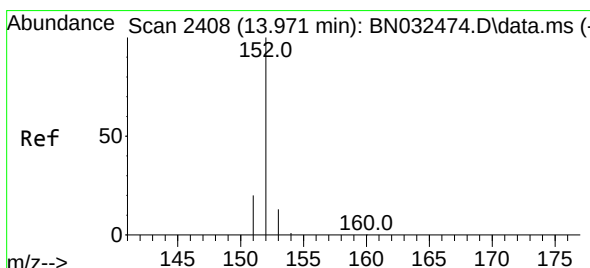
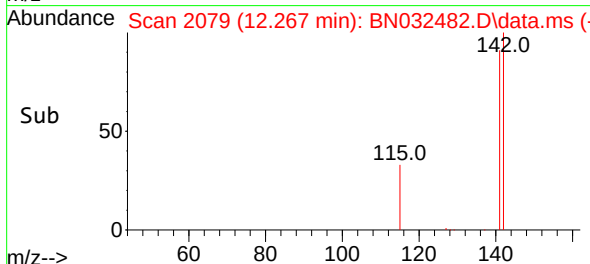
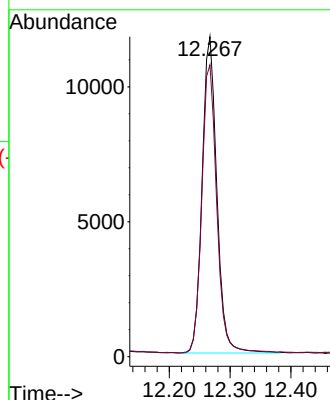
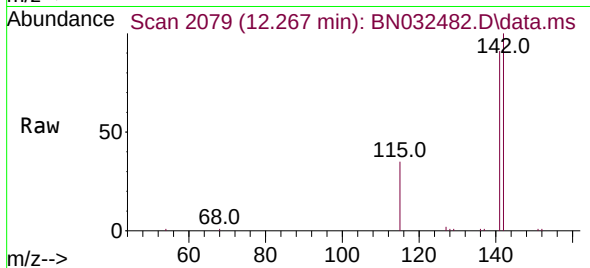
141 92.7 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#10

Acenaphthylene

Concen: 1.435 ng/ul

RT: 13.965 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BN032482.D

Acq: 04 Jul 2024 19:58

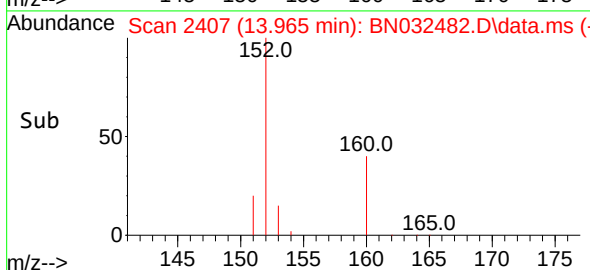
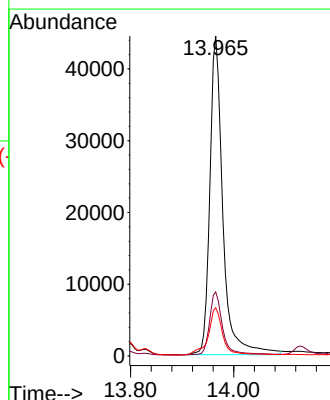
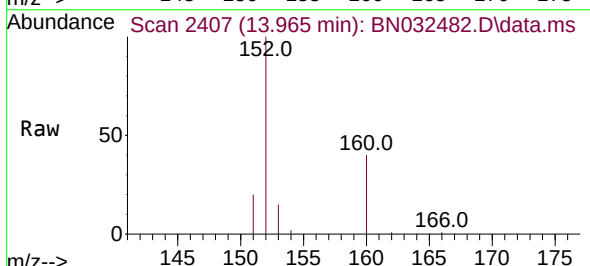
Tgt Ion:152 Resp: 77689

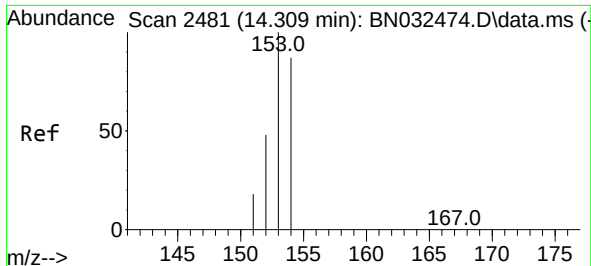
Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

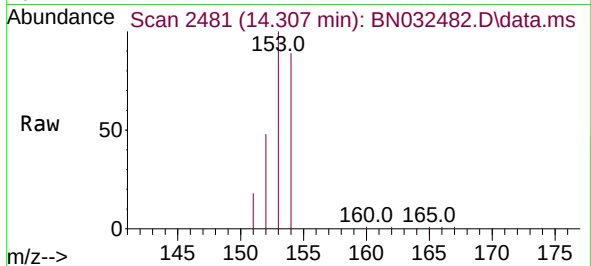
153 15.1 10.9 16.3





#11
Acenaphthene
Concen: 1.069 ng/ul
RT: 14.307 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

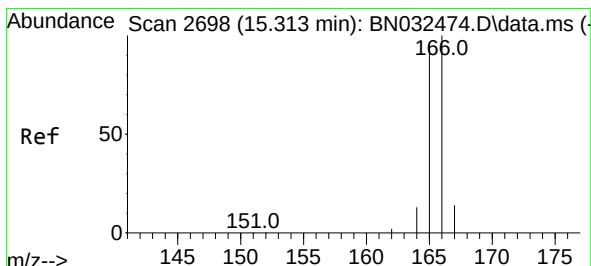
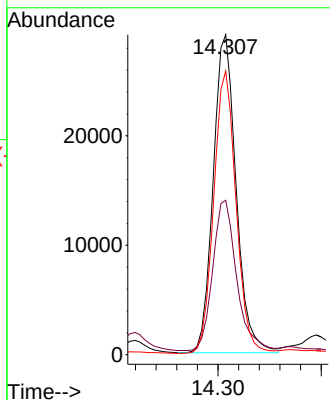
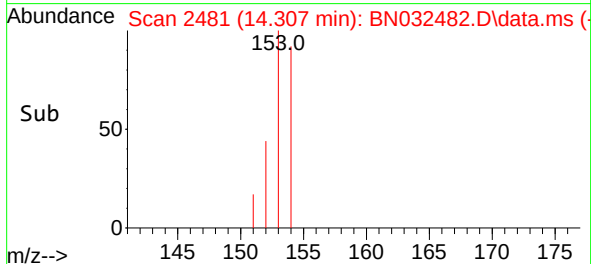
Instrument :
BNA_N
ClientSampleId :
A4CR6



Tgt Ion:153 Resp: 44882
Ion Ratio Lower Upper
153 100
152 48.3 39.5 59.3
154 88.6 71.7 107.5

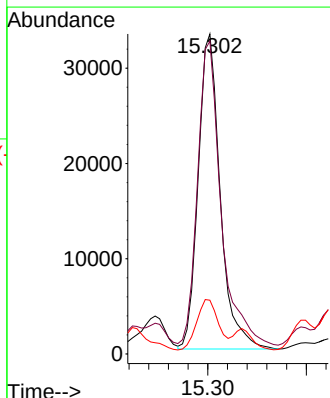
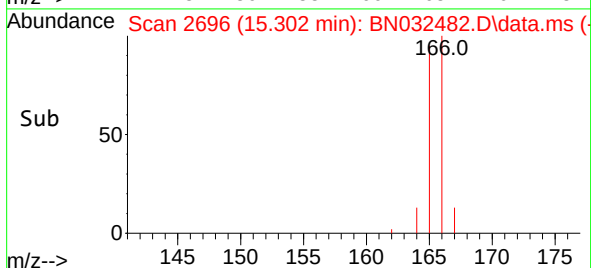
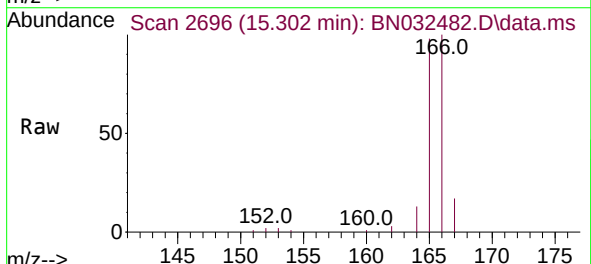
Manual Integrations
APPROVED

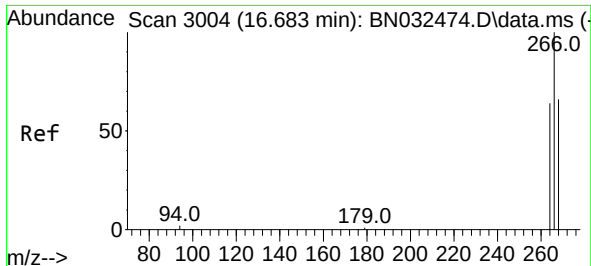
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 1.027 ng/ul
RT: 15.302 min Scan# 2696
Delta R.T. -0.010 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

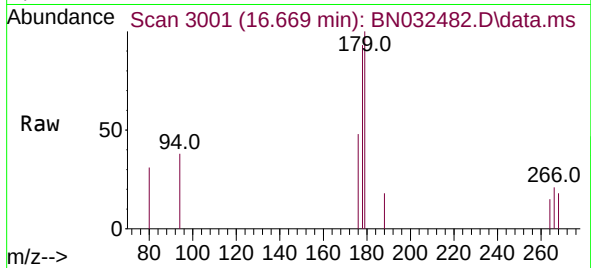
Tgt Ion:166 Resp: 51426
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 16.8 11.0 16.6#





#14
Pentachlorophenol
Concen: 0.058 ng/ul m
RT: 16.669 min Scan# 3001
Delta R.T. -0.005 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

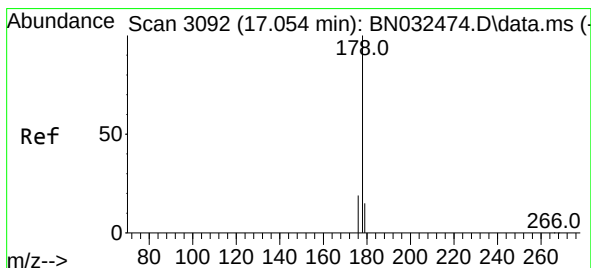
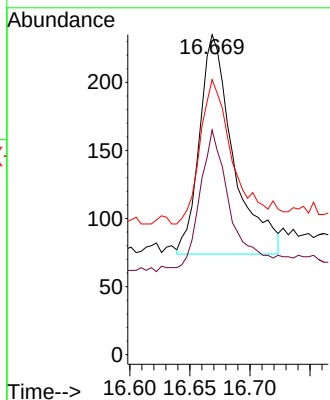
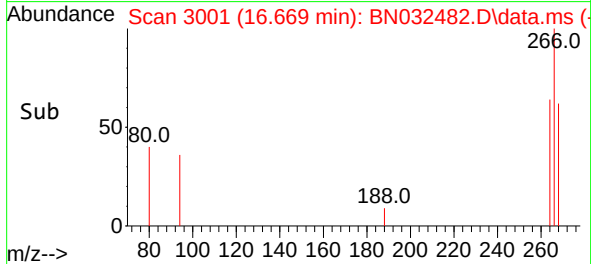
Instrument :
BNA_N
ClientSampleId :
A4CR6



Tgt Ion:266 Resp: 317
Ion Ratio Lower Upper
266 100
264 0.0 49.9 74.9
268 2.2 52.4 78.6

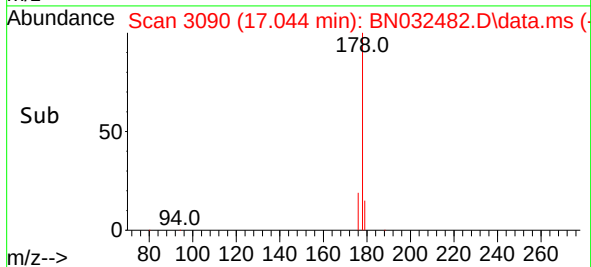
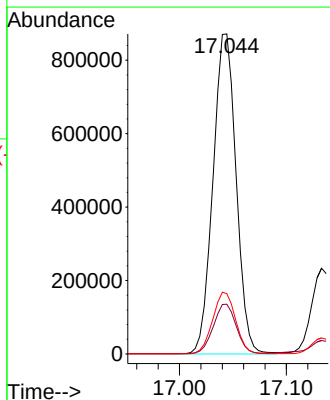
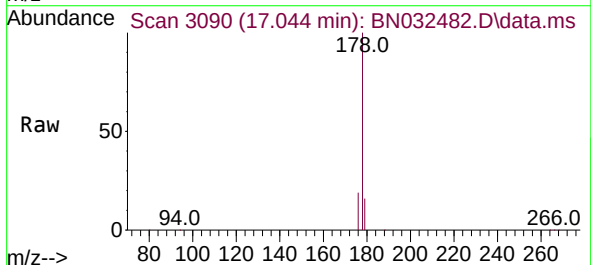
Manual Integrations
APPROVED

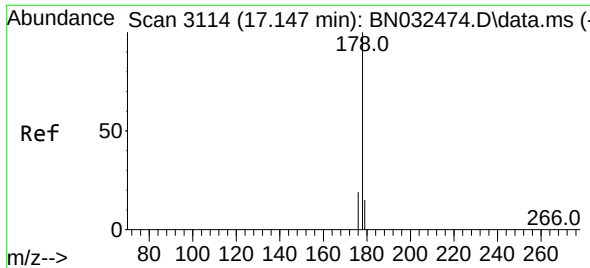
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#15
Phenanthrene
Concen: 19.826 ng/ul m
RT: 17.044 min Scan# 3090
Delta R.T. -0.005 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

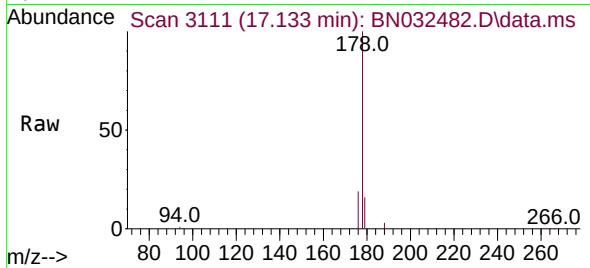
Tgt Ion:178 Resp: 1312351
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.9 15.6 23.4





#16
 Anthracene
 Concen: 5.707 ng/ul m
 RT: 17.133 min Scan# 3111
 Delta R.T. -0.010 min
 Lab File: BN032482.D
 Acq: 04 Jul 2024 19:58

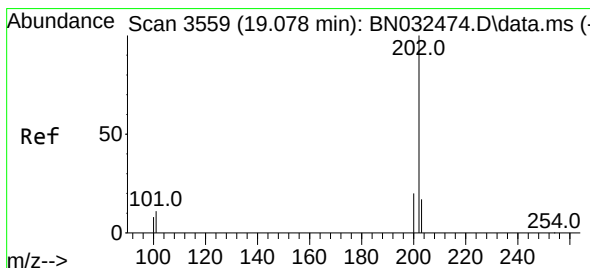
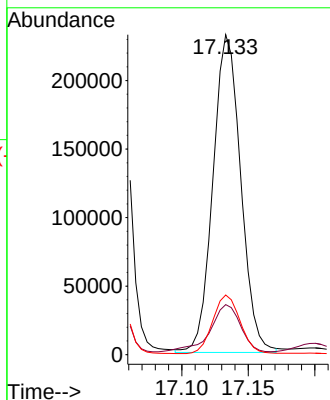
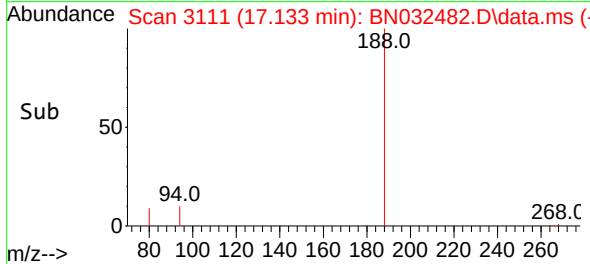
Instrument :
 BNA_N
 ClientSampleId :
 A4CR6



Tgt Ion:178 Resp: 33692
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.5 18.7
 176 18.6 15.0 22.6

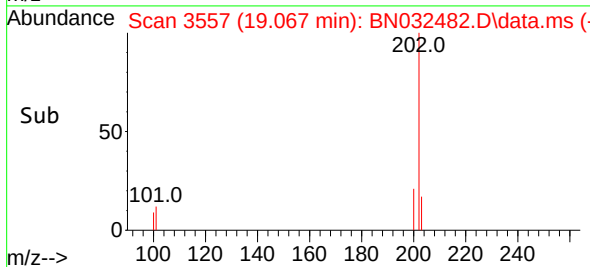
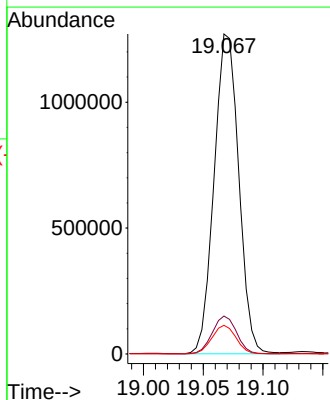
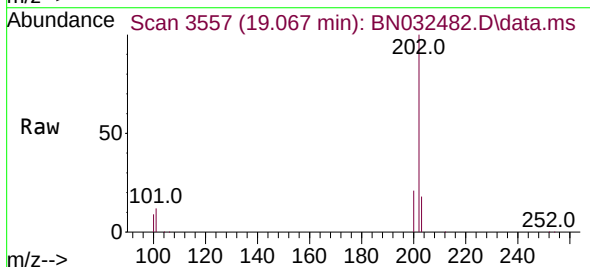
Manual Integrations
 APPROVED

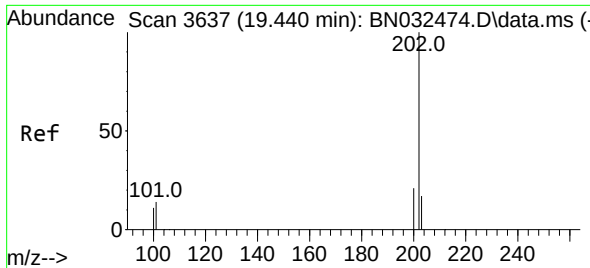
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#19
 Fluoranthene
 Concen: 25.732 ng/ul m
 RT: 19.067 min Scan# 3557
 Delta R.T. -0.006 min
 Lab File: BN032482.D
 Acq: 04 Jul 2024 19:58

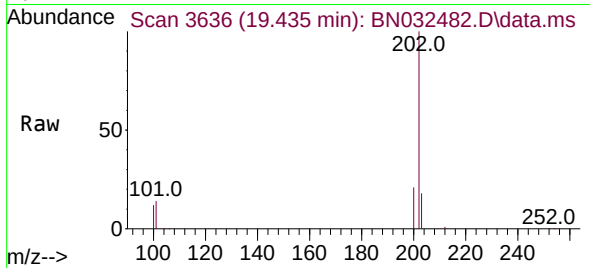
Tgt Ion:202 Resp: 1825500
 Ion Ratio Lower Upper
 202 100
 101 11.8 8.8 13.2
 100 9.0 6.4 9.6





#20
Pyrene
Concen: 19.602 ng/ul m
RT: 19.435 min Scan# 3636
Delta R.T. -0.006 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

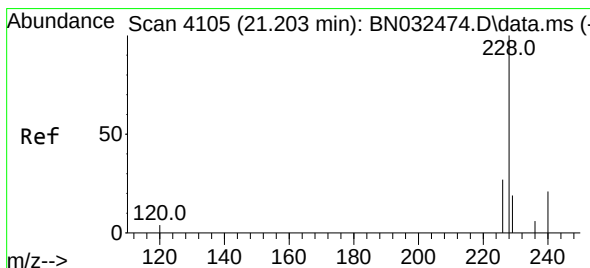
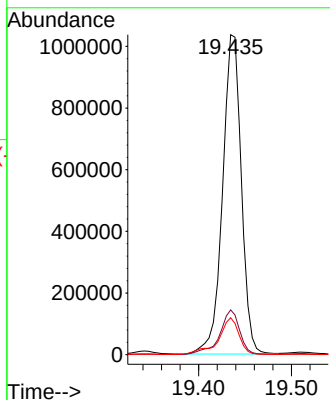
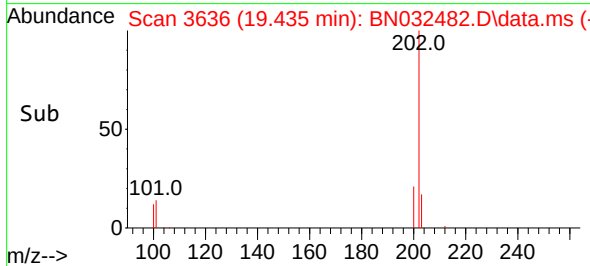
Instrument :
BNA_N
ClientSampleId :
A4CR6



Tgt Ion:202 Resp: 1453199
Ion Ratio Lower Upper
202 100
101 14.0 11.0 16.4
100 11.6 8.7 13.1

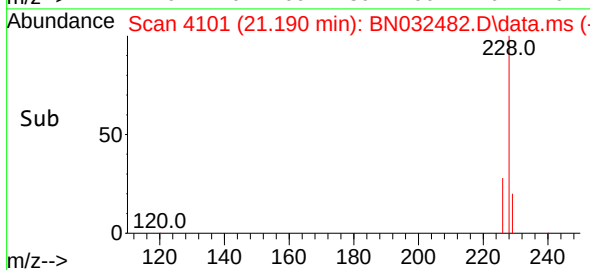
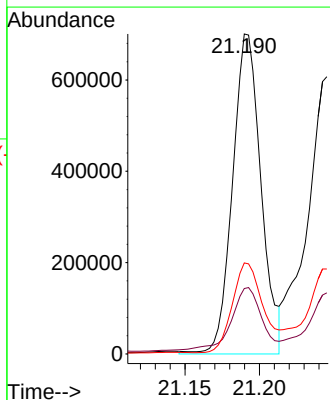
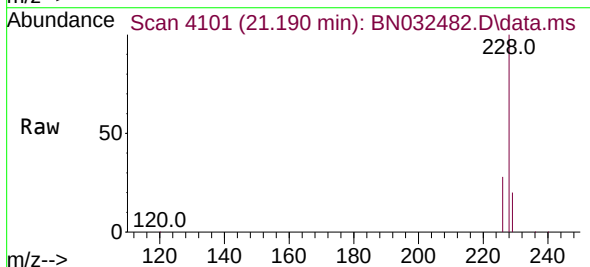
Manual Integrations
APPROVED

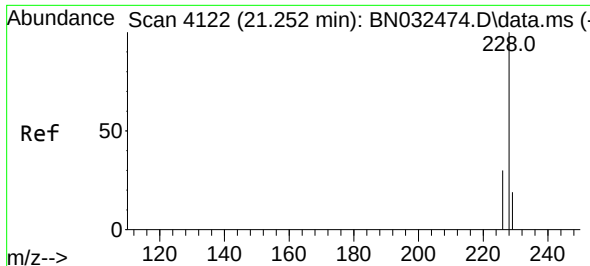
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#21
Benzo(a)anthracene
Concen: 13.881 ng/ul m
RT: 21.190 min Scan# 4101
Delta R.T. -0.001 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

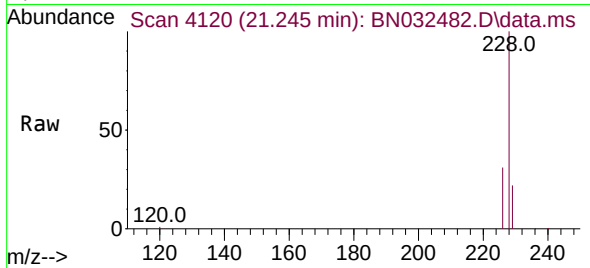
Tgt Ion:228 Resp: 933358
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.4 21.8 32.8





#22
Chrysene
Concen: 12.456 ng/ul m
RT: 21.245 min Scan# 4120
Delta R.T. 0.002 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

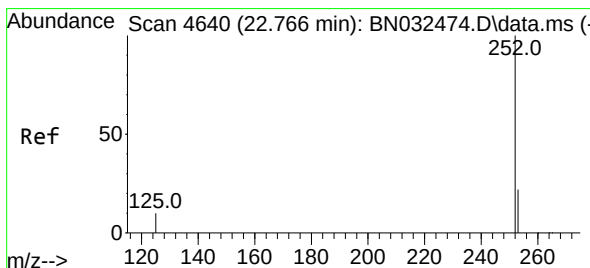
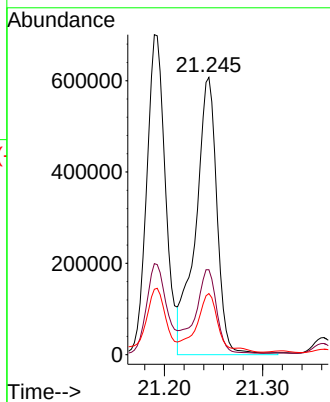
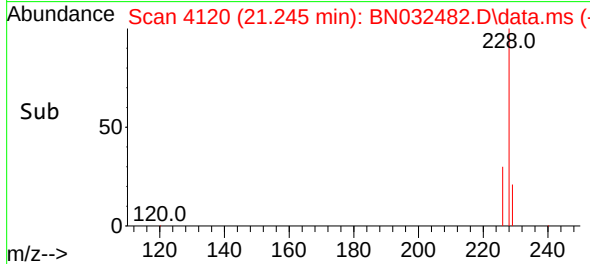
Instrument :
BNA_N
ClientSampleId :
A4CR6



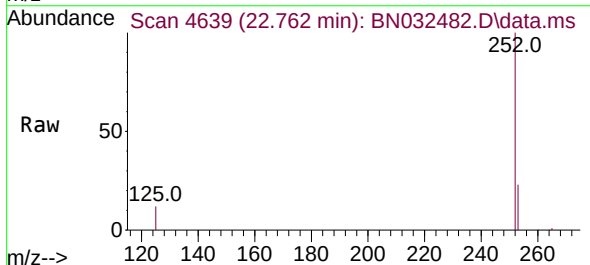
Tgt Ion:228 Resp: 91928
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 22.1 15.7 23.5

Manual Integrations
APPROVED

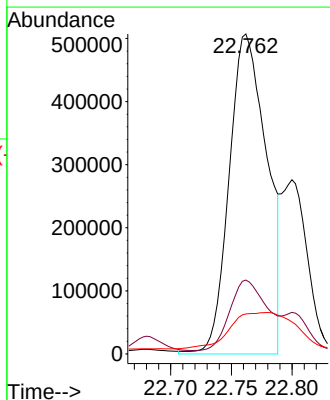
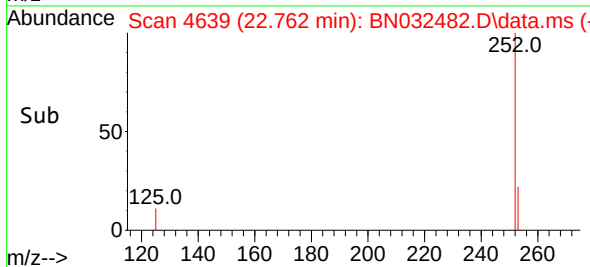
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

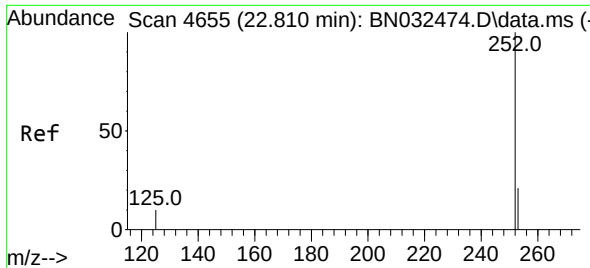


#24
Benzo(b)fluoranthene
Concen: 9.457 ng/ul m
RT: 22.762 min Scan# 4639
Delta R.T. 0.005 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58



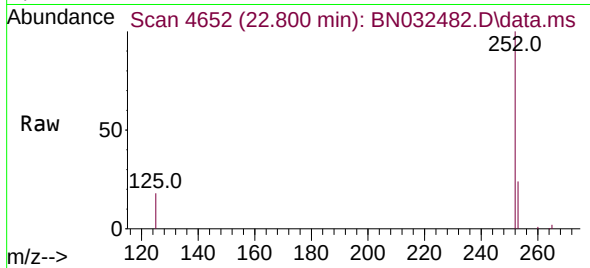
Tgt Ion:252 Resp: 1093012
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.2
125 12.5 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 3.769 ng/ul m
RT: 22.800 min Scan# 4655
Delta R.T. -0.001 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

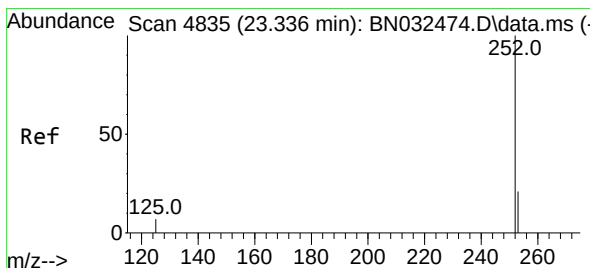
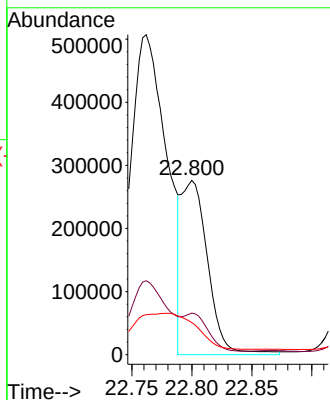
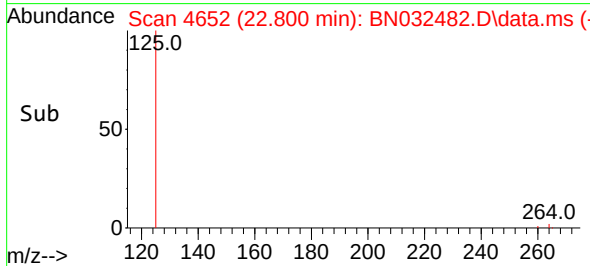
Instrument :
BNA_N
ClientSampleId :
A4CR6



Tgt Ion:252 Resp: 423245
Ion Ratio Lower Upper
252 100
253 23.9 20.3 30.5
125 18.4 12.8 19.2

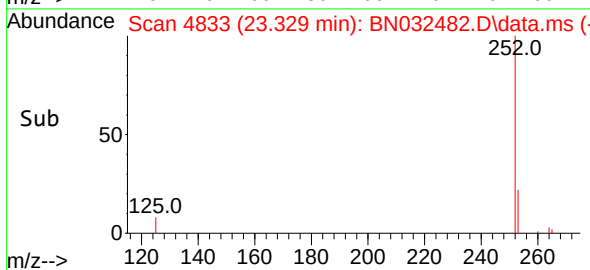
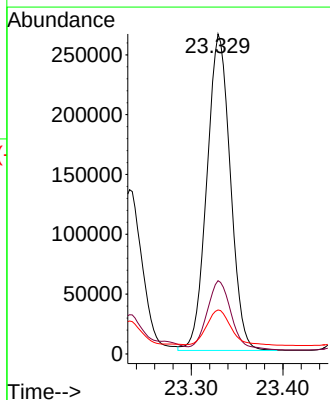
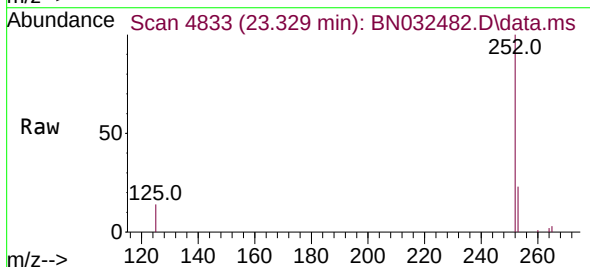
Manual Integrations
APPROVED

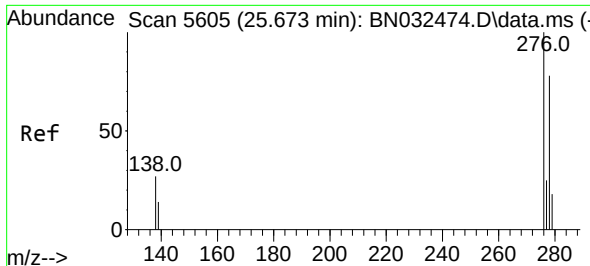
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
Benzo(a)pyrene
Concen: 5.852 ng/ul m
RT: 23.329 min Scan# 4833
Delta R.T. 0.002 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

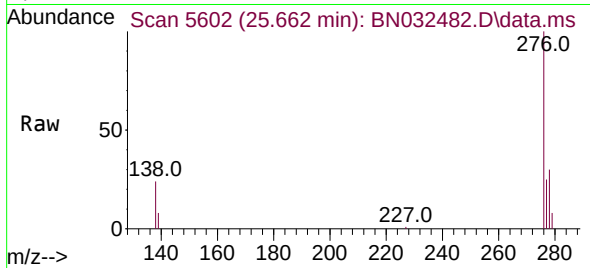
Tgt Ion:252 Resp: 470584
Ion Ratio Lower Upper
252 100
253 22.9 22.2 33.2
125 13.8 16.4 24.6#





#27
Indeno(1,2,3-cd)pyrene
Concen: 3.421 ng/ul m
RT: 25.662 min Scan# 5602
Delta R.T. 0.002 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

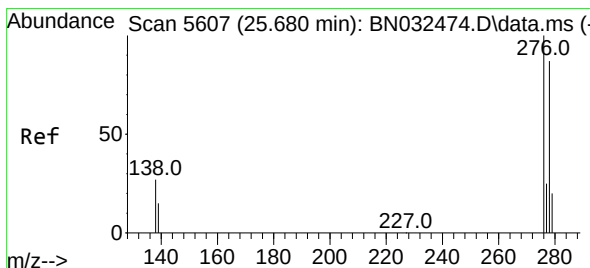
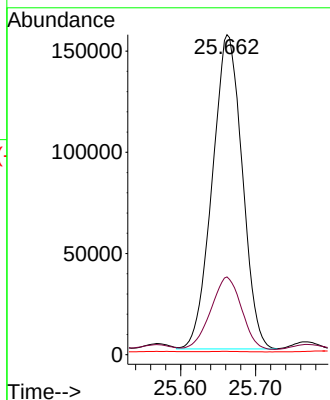
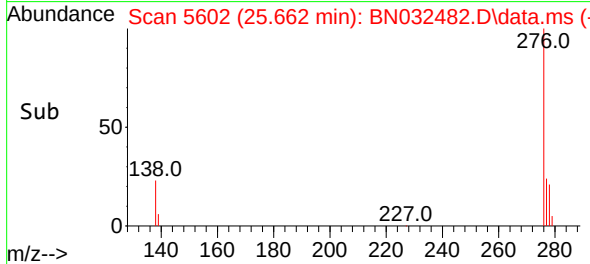
Instrument :
BNA_N
ClientSampleId :
A4CR6



Tgt Ion:276 Resp: 430740
Ion Ratio Lower Upper
276 100
138 2.3 21.3 31.9
227 0.0 0.1 0.1

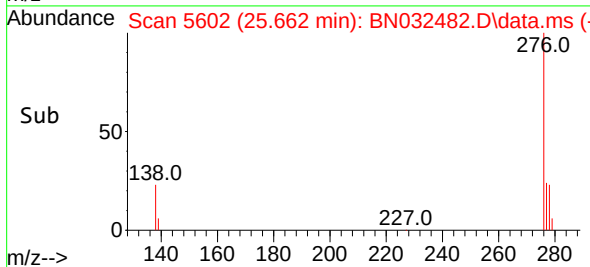
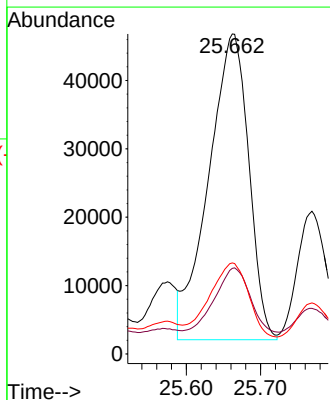
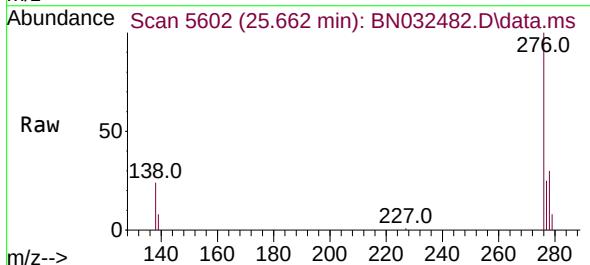
Manual Integrations
APPROVED

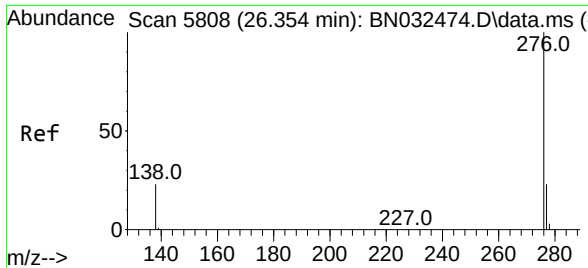
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#28
Dibenzo(a,h)anthracene
Concen: 1.797 ng/ul m
RT: 25.662 min Scan# 5602
Delta R.T. -0.005 min
Lab File: BN032482.D
Acq: 04 Jul 2024 19:58

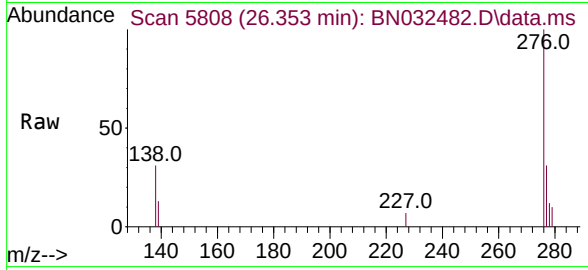
Tgt Ion:278 Resp: 168155
Ion Ratio Lower Upper
278 100
139 26.8 15.9 23.9
279 28.4 21.1 31.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.621 ng/ul m
 RT: 26.353 min Scan# 51
 Delta R.T. 0.009 min
 Lab File: BN032482.D
 Acq: 04 Jul 2024 19:58

Instrument :
 BNA_N
 ClientSampleId :
 A4CR6



Tgt Ion: 276 Resp: 62320

Ion	Ratio	Lower	Upper
276	100		
138	31.3	19.8	29.6
277	31.3	19.8	29.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

