

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046298.D
 Acq On : 25 Jun 2024 19:07
 Operator : MA/JU
 Sample : P2844-21
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C46

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 23:28:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	2218m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.160	136	6652	0.400	ng/ul	-0.09
9) Acenaphthene-d10	14.043	164	3791	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.790	188	8371m	0.400	ng/ul	-0.06
17) Chrysene-d12	20.994	240	5676m	0.400	ng/ul	-0.03
23) Perylene-d12	23.084	264	8057	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	11360	3.733	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.755	152	2913	0.326	ng/ul	-0.12
18) Fluoranthene-d10	18.824	212	6539	0.385	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.209	128	38910	2.098	ng/ul#	93
7) 2-Methylnaphthalene	11.832	142	10877	1.042	ng/ul	97
8) 1-Methylnaphthalene	12.052	142	7616	0.665	ng/ul	99
10) Acenaphthylene	13.761	152	44251	2.461	ng/ul	96
11) Acenaphthene	14.103	153	17099	1.317	ng/ul	99
12) Fluorene	15.098	166	22232	1.596	ng/ul	100
14) Pentachlorophenol	16.477	266	157	0.063	ng/ul	89
15) Phenanthrene	16.828	178	450098m	19.138	ng/ul	
16) Anthracene	16.920	178	99413m	5.676	ng/ul	
19) Fluoranthene	18.852	202	889498m	36.194	ng/ul	
20) Pyrene	19.219	202	673896	25.355	ng/ul#	94
21) Benzo(a)anthracene	20.977	228	425027m	19.386	ng/ul	
22) Chrysene	21.029	228	431433	15.420	ng/ul	98
24) Benzo(b)fluoranthene	22.470	252	550768m	18.974	ng/ul	
25) Benzo(k)fluoranthene	22.508	252	228548m	6.623	ng/ul	
26) Benzo(a)pyrene	22.996	252	249387m	9.272	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.125	276	223478	5.076	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.125	278	71280	2.175	ng/ul	95
29) Benzo(g,h,i)perylene	25.749	276	35008	0.927	ng/ul	96

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

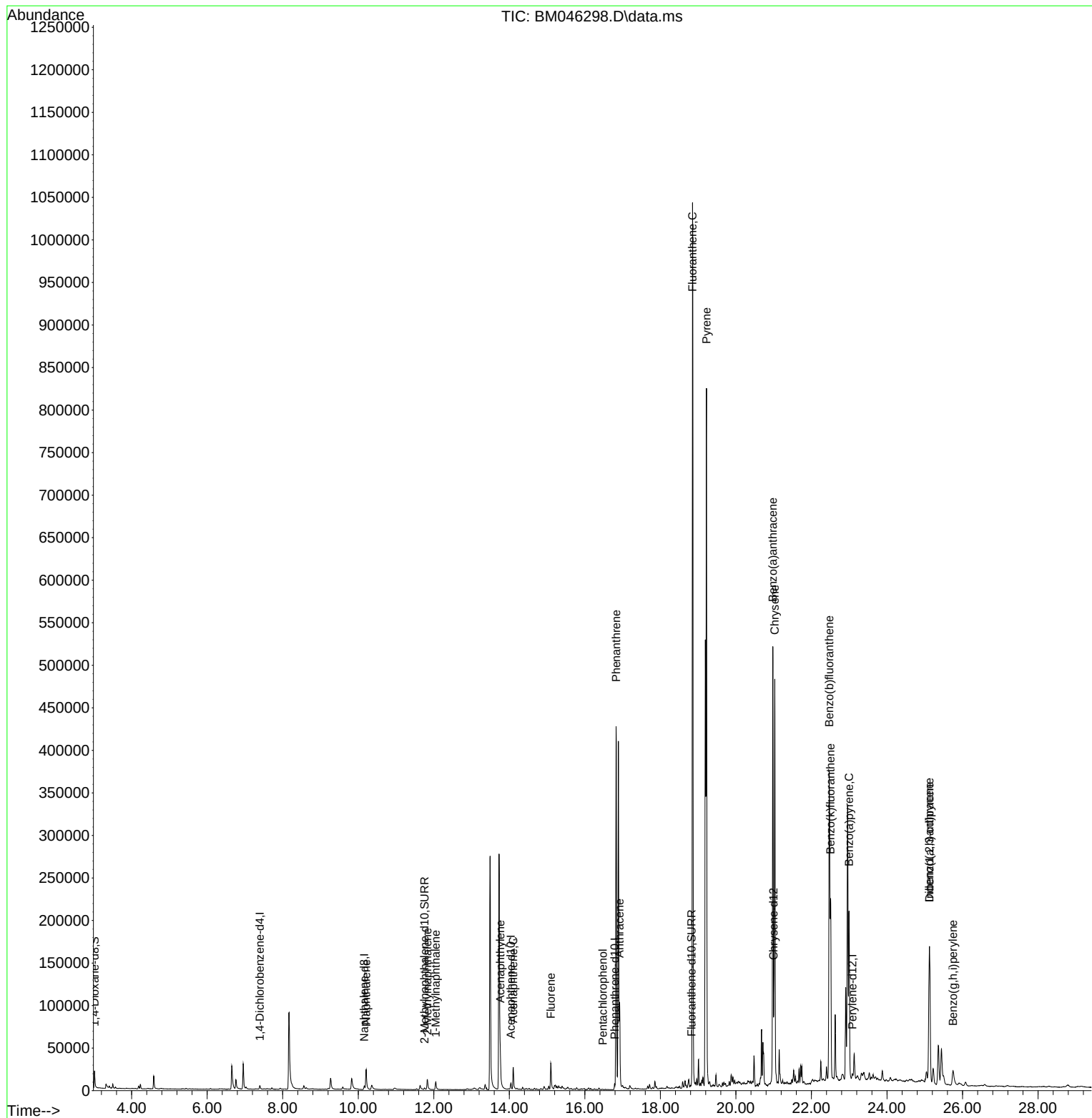
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046298.D
Acq On : 25 Jun 2024 19:07
Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 58 Sample Multiplier: 1

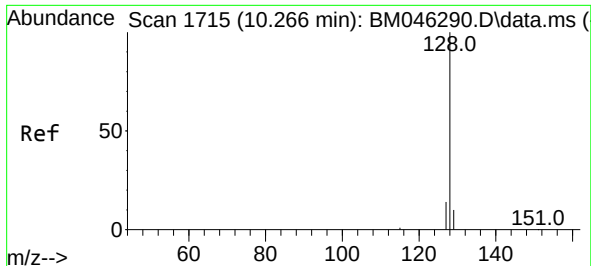
Instrument :
BNA_M
ClientSampleId :
A4C46

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

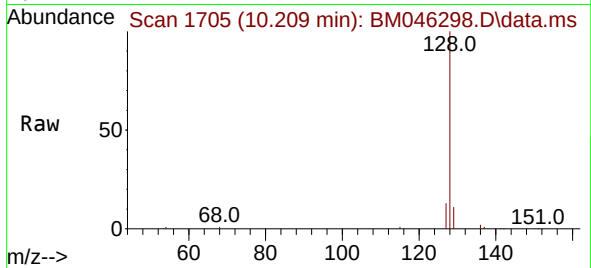
Quant Time: Jun 25 23:28:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.098 ng/ul
RT: 10.209 min Scan# 11
Delta R.T. -0.095 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

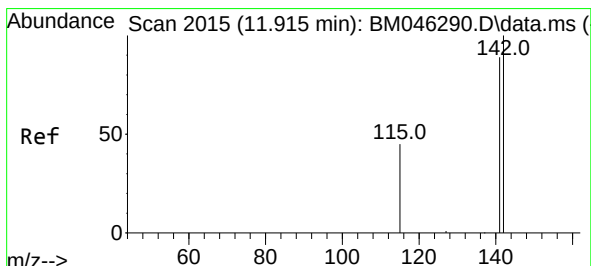
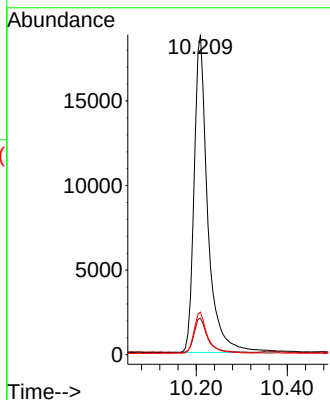
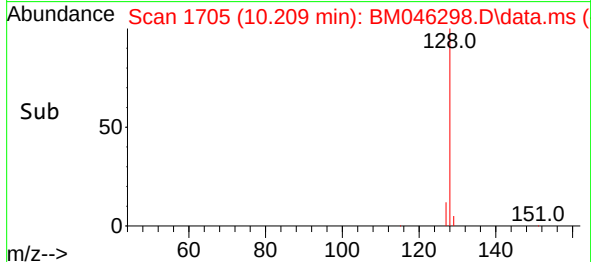
Instrument :
BNA_M
ClientSampleId :
A4C46



Tgt Ion:128 Resp: 38910
Ion Ratio Lower Upper
128 100
129 11.4 11.8 17.6
127 13.3 12.8 19.2

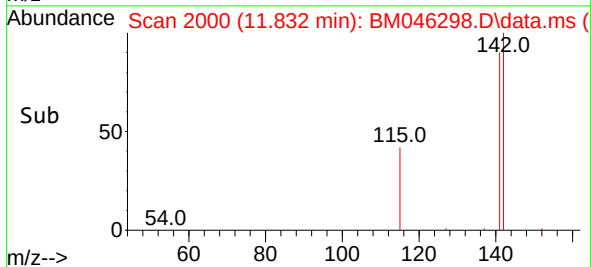
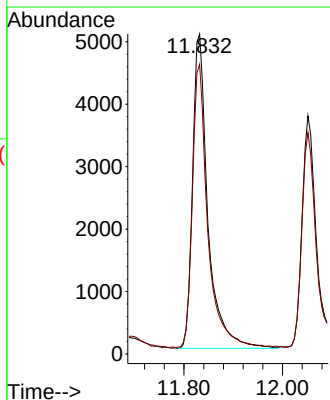
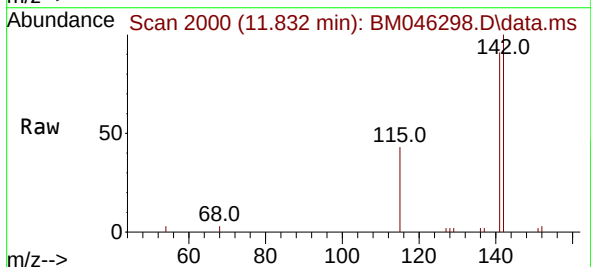
Manual Integrations
APPROVED

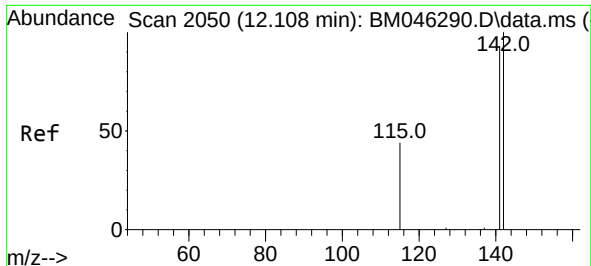
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 1.042 ng/ul
RT: 11.832 min Scan# 2000
Delta R.T. -0.122 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

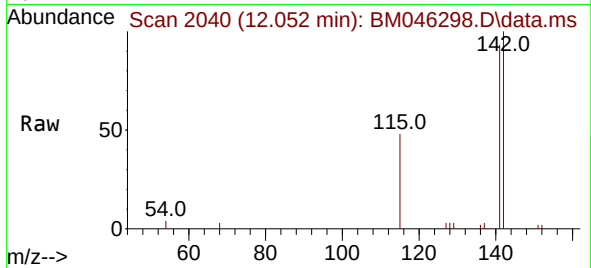
Tgt Ion:142 Resp: 10877
Ion Ratio Lower Upper
142 100
141 90.2 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.665 ng/ul
RT: 12.052 min Scan# 2050
Delta R.T. -0.084 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

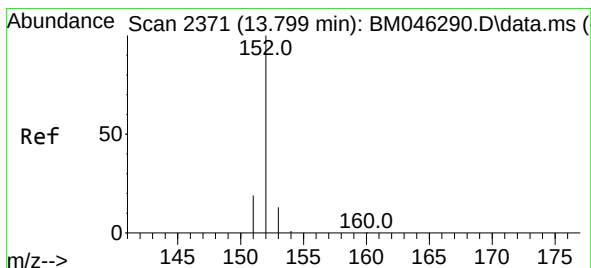
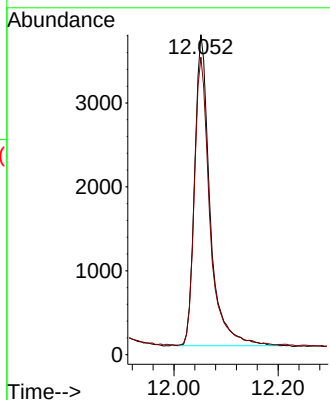
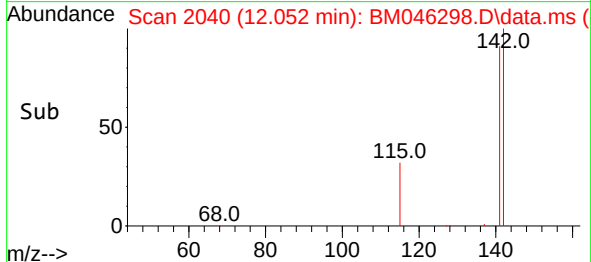
Instrument :
BNA_M
ClientSampleId :
A4C46



Tgt Ion:142 Resp: 7610
Ion Ratio Lower Upper
142 100
141 93.1 75.2 112.8

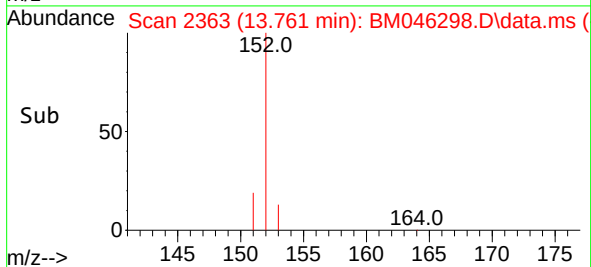
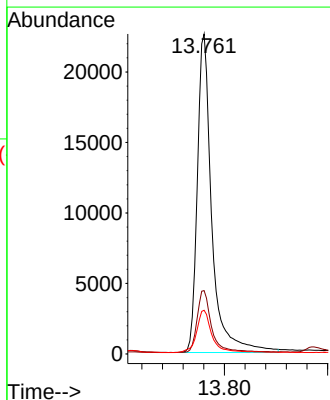
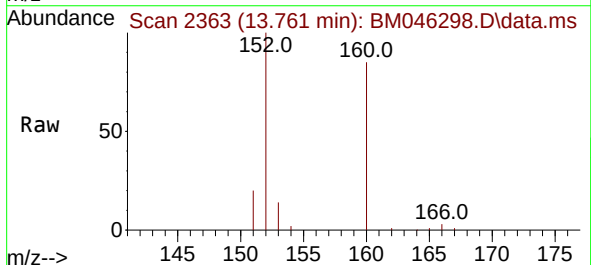
Manual Integrations
APPROVED

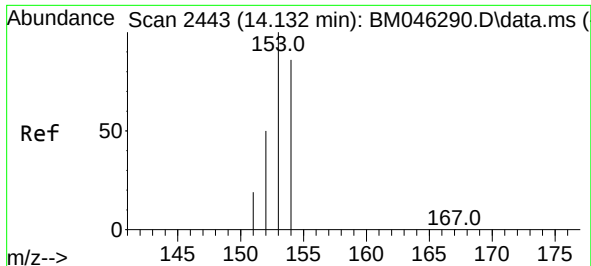
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 2.461 ng/ul
RT: 13.761 min Scan# 2363
Delta R.T. -0.057 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

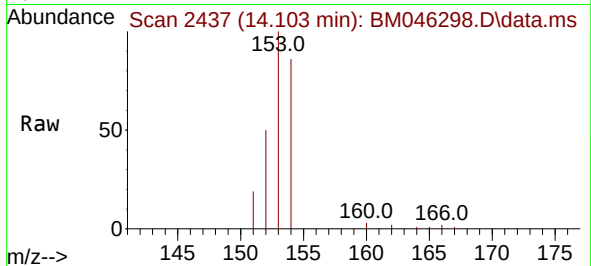
Tgt Ion:152 Resp: 44251
Ion Ratio Lower Upper
152 100
151 19.8 17.4 26.2
153 13.6 11.8 17.8





#11
Acenaphthene
Concen: 1.317 ng/ul
RT: 14.103 min Scan# 2443
Delta R.T. -0.043 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

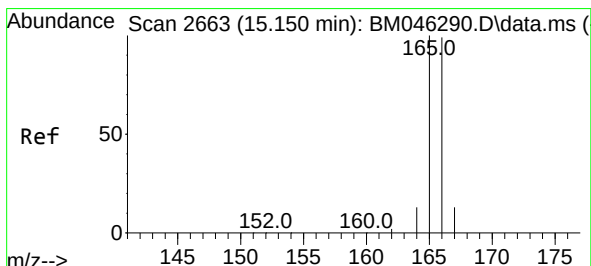
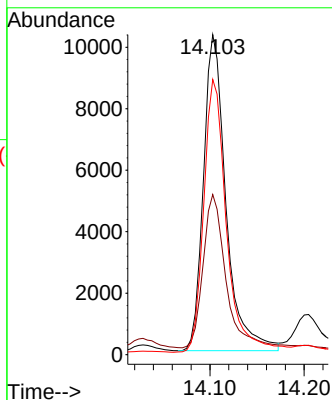
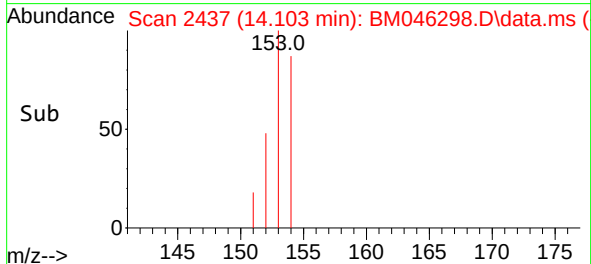
Instrument :
BNA_M
ClientSampleId :
A4C46



Tgt Ion:153 Resp: 17099
Ion Ratio Lower Upper
153 100
152 50.0 41.3 61.9
154 86.0 68.2 102.4

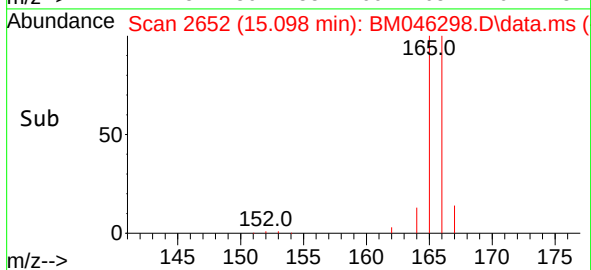
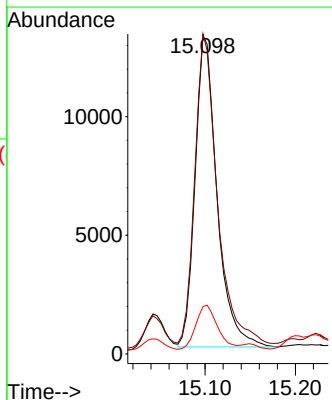
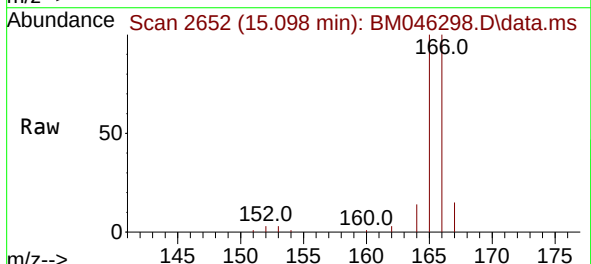
Manual Integrations
APPROVED

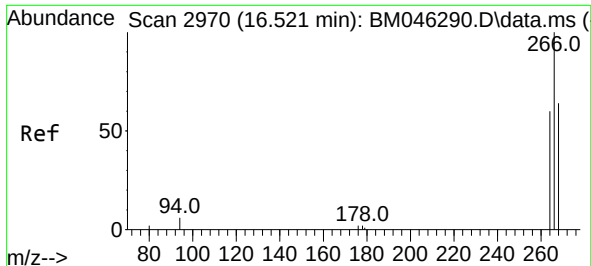
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 1.596 ng/ul
RT: 15.098 min Scan# 2652
Delta R.T. -0.071 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

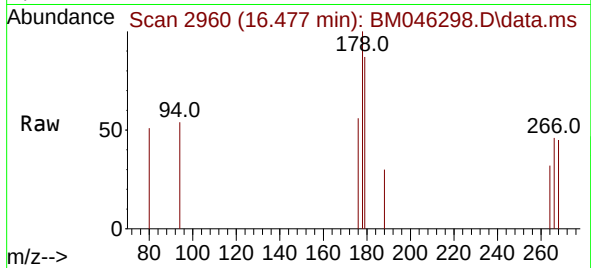
Tgt Ion:166 Resp: 22232
Ion Ratio Lower Upper
166 100
165 100.5 80.4 120.6
167 14.9 12.4 18.6





#14
Pentachlorophenol
Concen: 0.063 ng/ul
RT: 16.477 min Scan# 2970
Delta R.T. -0.056 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

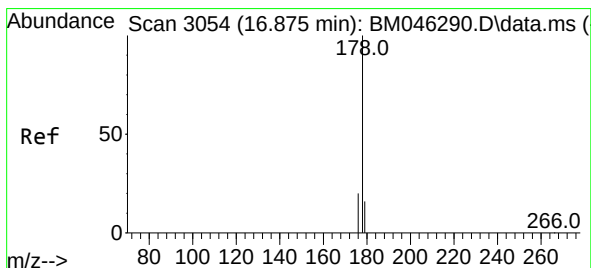
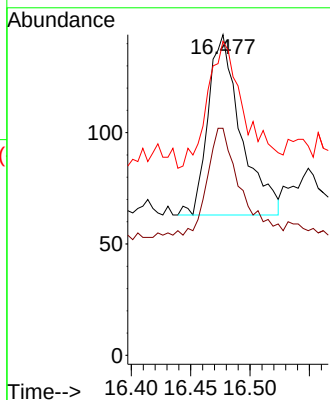
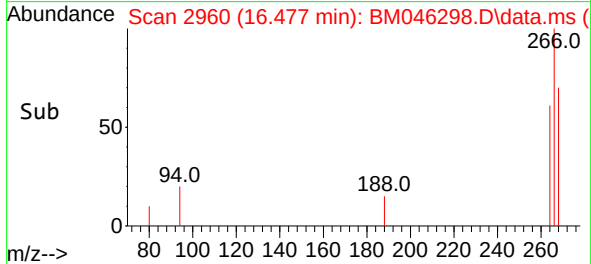
Instrument :
BNA_M
ClientSampleId :
A4C46



Tgt Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
264 58.6 50.9 76.3
268 78.3 52.3 78.5

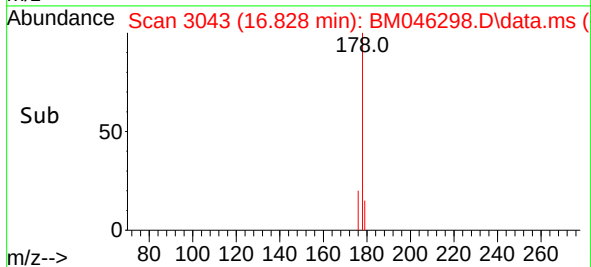
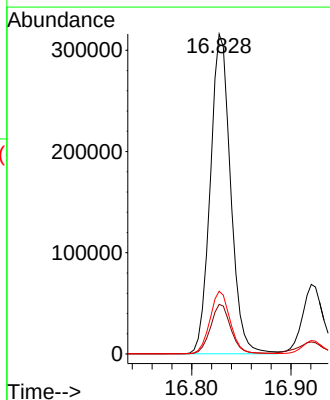
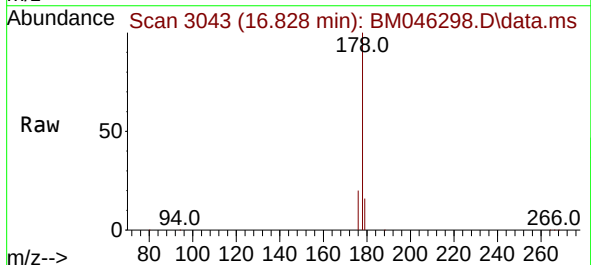
Manual Integrations
APPROVED

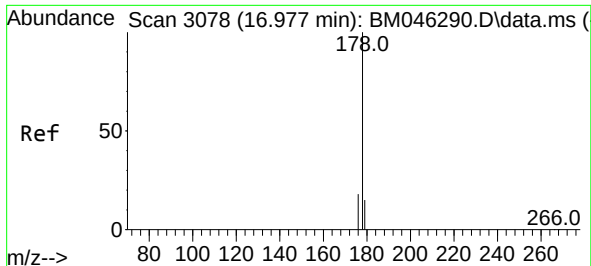
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#15
Phenanthrene
Concen: 19.138 ng/ul m
RT: 16.828 min Scan# 3043
Delta R.T. -0.060 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

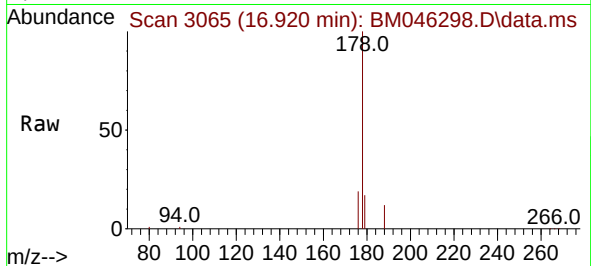
Tgt Ion:178 Resp: 450098
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.6 17.1 25.7





#16
 Anthracene
 Concen: 5.676 ng/ul m
 RT: 16.920 min Scan# 3078
 Delta R.T. -0.086 min
 Lab File: BM046298.D
 Acq: 25 Jun 2024 19:07

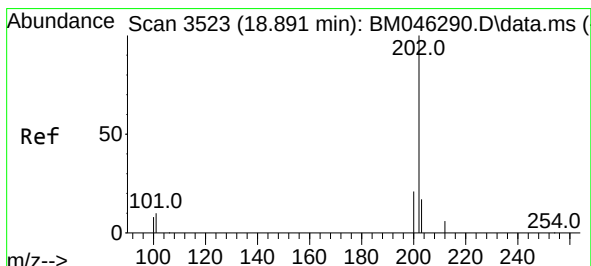
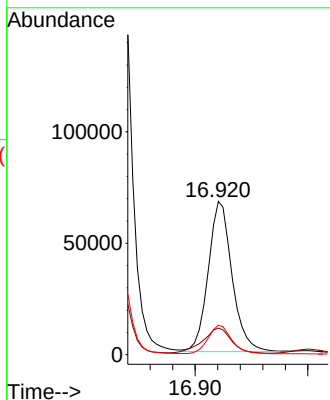
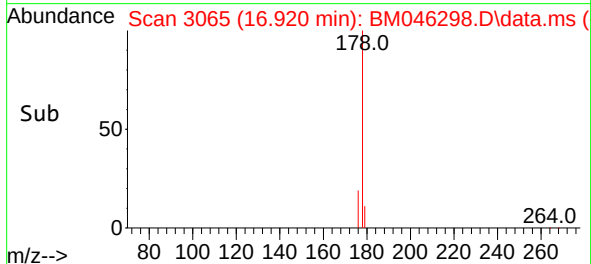
Instrument :
 BNA_M
 ClientSampleId :
 A4C46



Tgt Ion:178 Resp: 9941
 Ion Ratio Lower Upper
 178 100
 179 17.3 14.9 22.3
 176 19.3 17.0 25.4

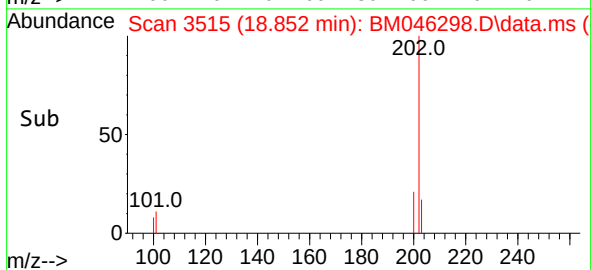
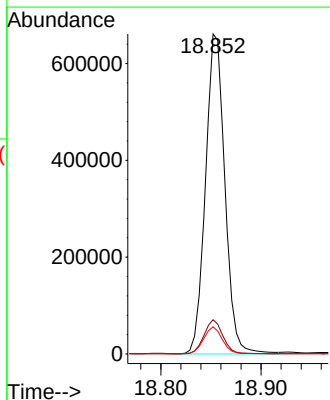
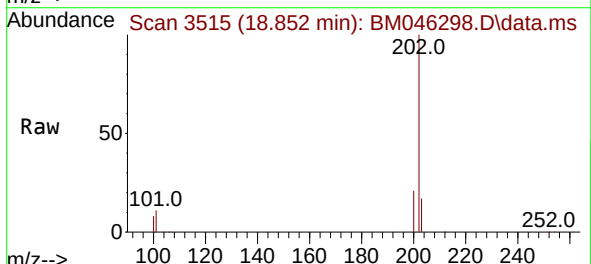
Manual Integrations
 APPROVED

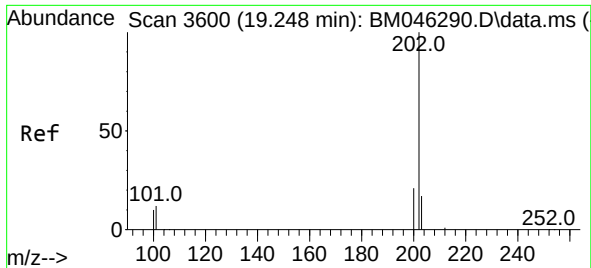
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



#19
 Fluoranthene
 Concen: 36.194 ng/ul m
 RT: 18.852 min Scan# 3515
 Delta R.T. -0.052 min
 Lab File: BM046298.D
 Acq: 25 Jun 2024 19:07

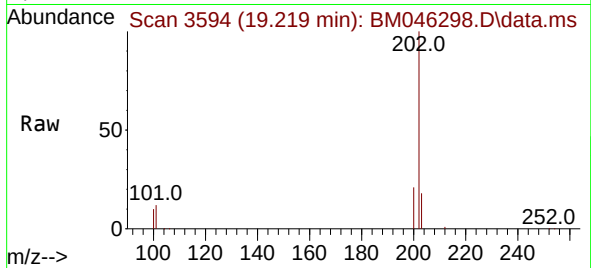
Tgt Ion:202 Resp: 889498
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.6 14.4
 100 8.5 7.6 11.4





#20
Pyrene
Concen: 25.355 ng/ul
RT: 19.219 min Scan# 3594
Delta R.T. -0.038 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

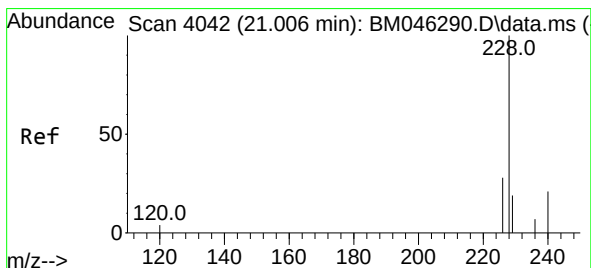
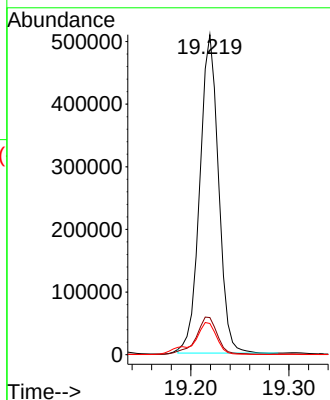
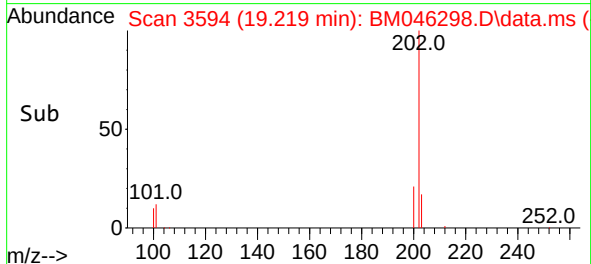
Instrument :
BNA_M
ClientSampleId :
A4C46



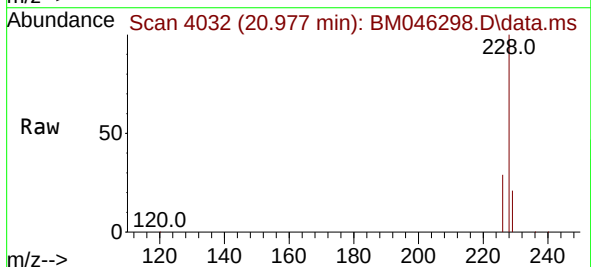
Tgt Ion:202 Resp: 673890
Ion Ratio Lower Upper
202 100
101 11.6 11.3 16.9
100 9.7 9.8 14.6

Manual Integrations
APPROVED

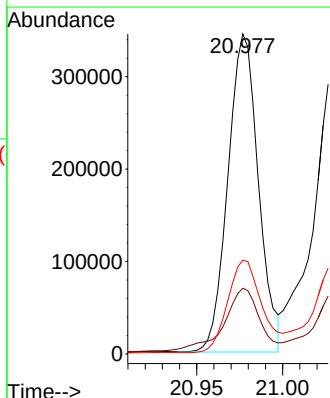
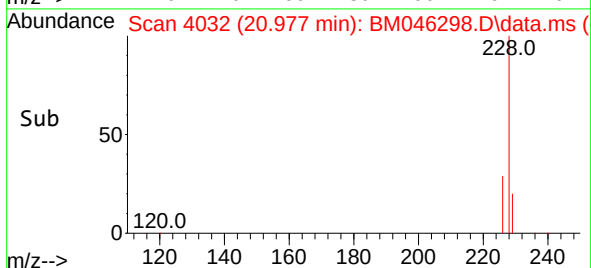
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

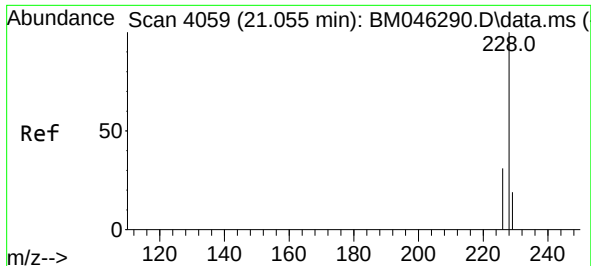


#21
Benzo(a)anthracene
Concen: 19.386 ng/ul m
RT: 20.977 min Scan# 4032
Delta R.T. -0.035 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07



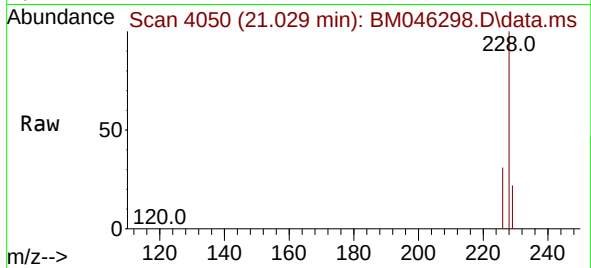
Tgt Ion:228 Resp: 425027
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 29.3 23.4 35.2





#22
Chrysene
Concen: 15.420 ng/ul
RT: 21.029 min Scan# 4050
Delta R.T. -0.029 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

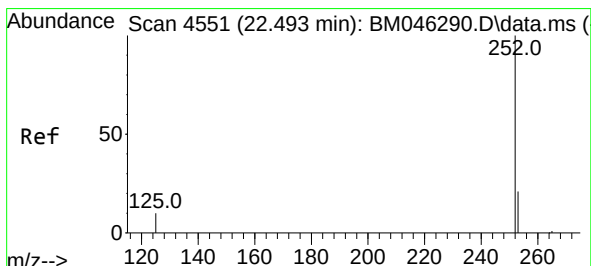
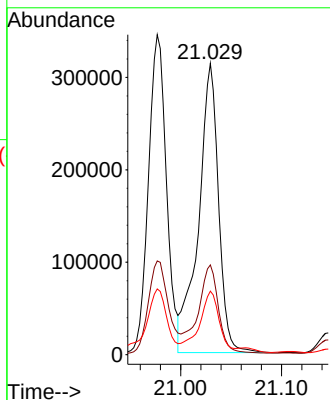
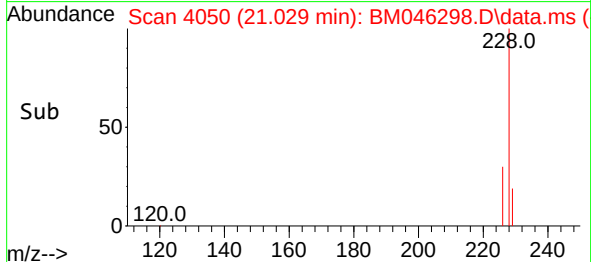
Instrument :
BNA_M
ClientSampleId :
A4C46



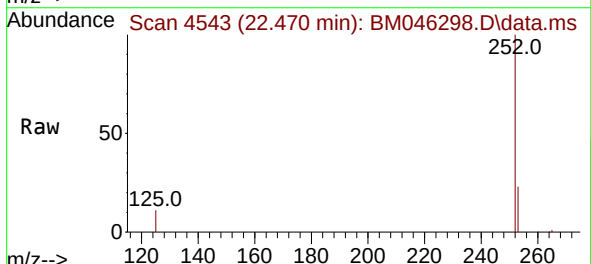
Tgt Ion:228 Resp: 43143
Ion Ratio Lower Upper
228 100
226 30.8 25.2 37.8
229 21.8 16.3 24.5

Manual Integrations
APPROVED

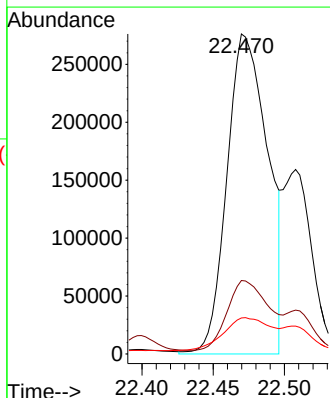
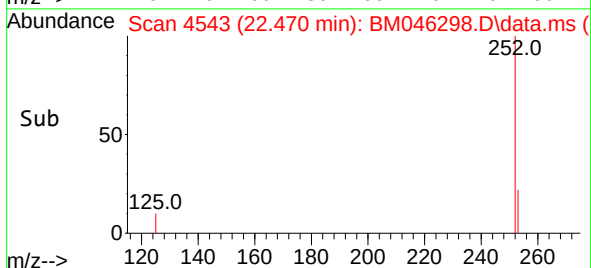
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

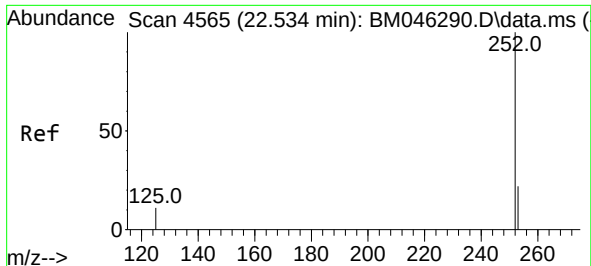


#24
Benzo(b)fluoranthene
Concen: 18.974 ng/ul m
RT: 22.470 min Scan# 4543
Delta R.T. -0.026 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07



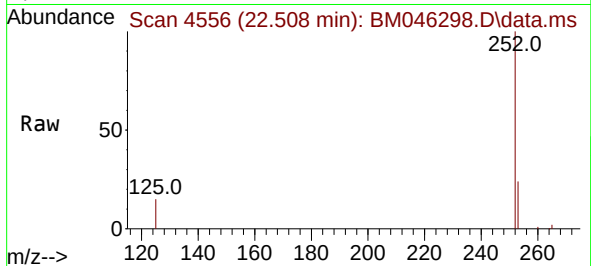
Tgt Ion:252 Resp: 550768
Ion Ratio Lower Upper
252 100
253 23.0 0.0 65.8
125 11.3 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 6.623 ng/ul m
RT: 22.508 min Scan# 4556
Delta R.T. -0.029 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

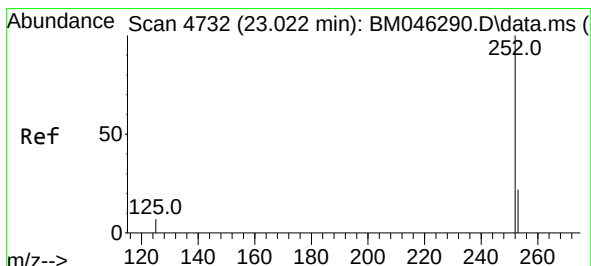
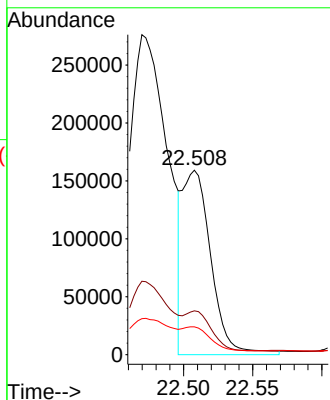
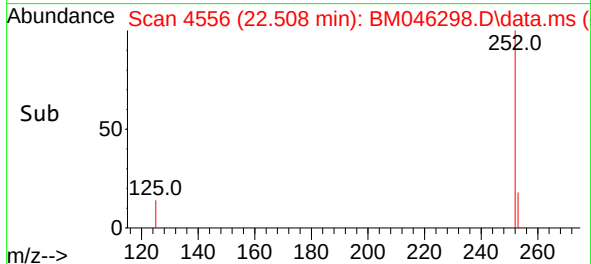
Instrument :
BNA_M
ClientSampleId :
A4C46



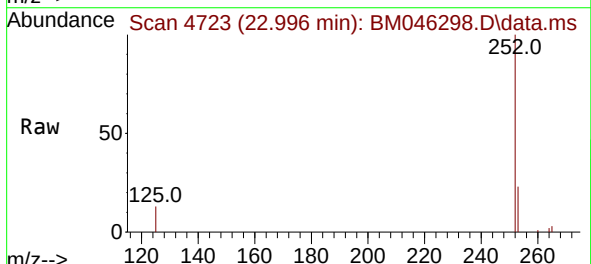
Tgt Ion:252 Resp: 228548
Ion Ratio Lower Upper
252 100
253 23.7 27.2 40.8#
125 15.1 16.6 25.0#

Manual Integrations
APPROVED

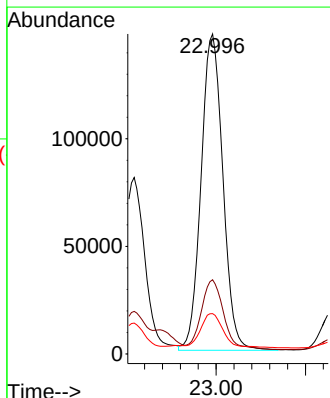
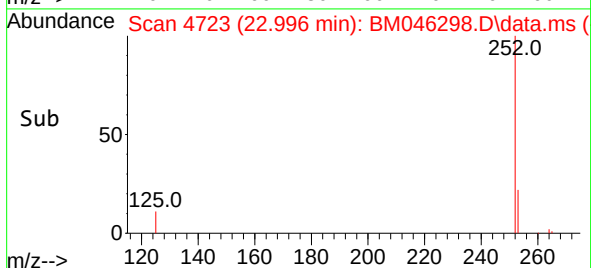
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

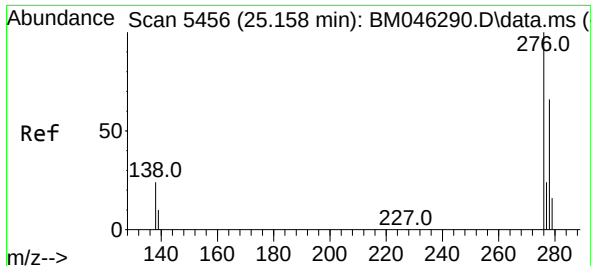


#26
Benzo(a)pyrene
Concen: 9.272 ng/ul m
RT: 22.996 min Scan# 4723
Delta R.T. -0.032 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07



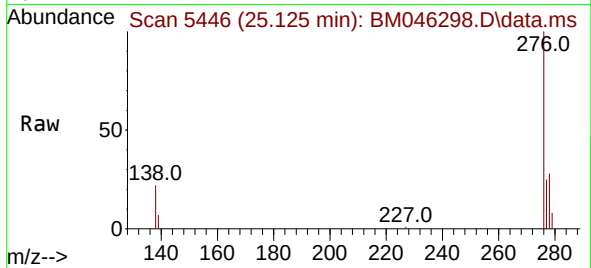
Tgt Ion:252 Resp: 249387
Ion Ratio Lower Upper
252 100
253 23.2 32.1 48.1#
125 12.6 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 5.076 ng/ul
RT: 25.125 min Scan# 5446
Delta R.T. -0.043 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

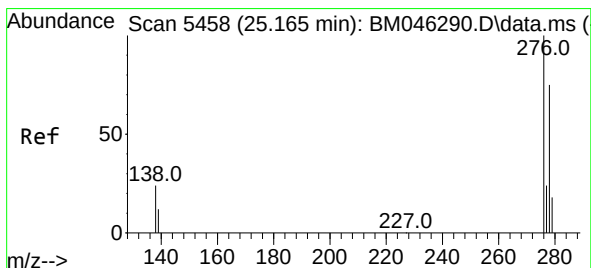
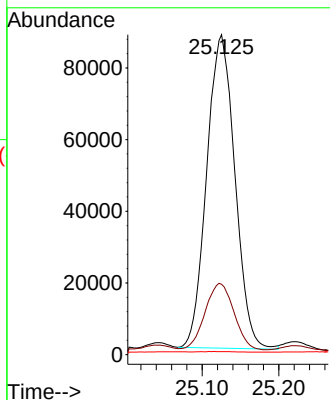
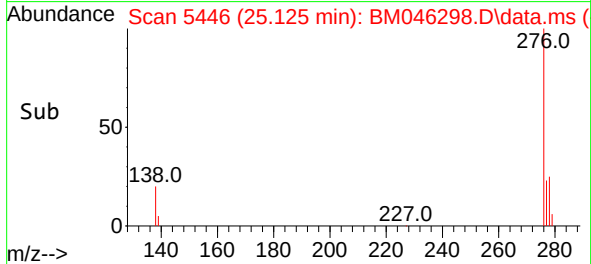
Instrument :
BNA_M
ClientSampleId :
A4C46



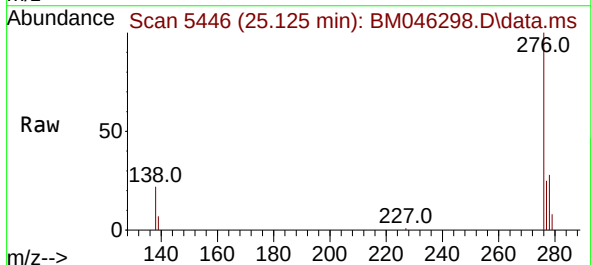
Tgt Ion:276 Resp: 223478
Ion Ratio Lower Upper
276 100
138 24.7 21.0 31.4
227 6.6 0.0 0.0

Manual Integrations
APPROVED

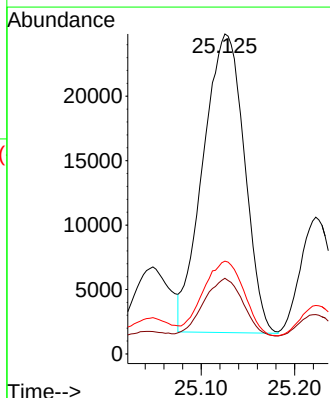
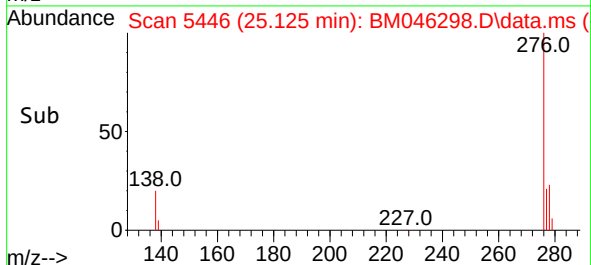
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

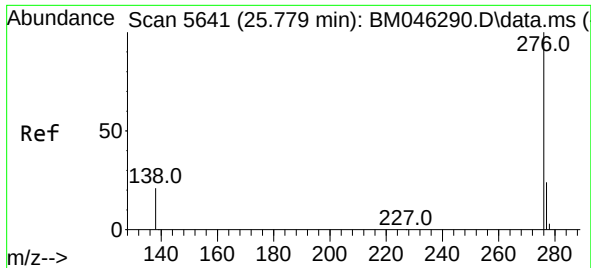


#28
Dibenzo(a,h)anthracene
Concen: 2.175 ng/ul
RT: 25.125 min Scan# 5446
Delta R.T. -0.057 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07



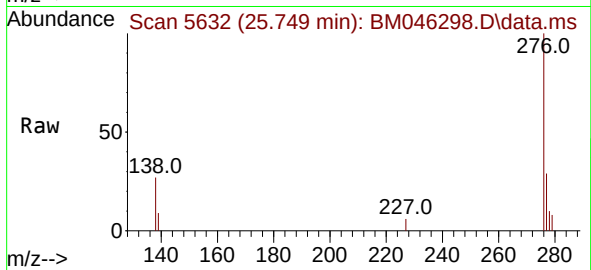
Tgt Ion:278 Resp: 71280
Ion Ratio Lower Upper
278 100
139 23.6 17.6 26.4
279 29.0 26.3 39.5





#29
Benzo(g,h,i)perylene
Concen: 0.927 ng/ul
RT: 25.749 min Scan# 50
Delta R.T. -0.036 min
Lab File: BM046298.D
Acq: 25 Jun 2024 19:07

Instrument :
BNA_M
ClientSampleId :
A4C46



Tgt Ion:276 Resp: 35008
Ion Ratio Lower Upper
276 100
138 27.0 21.7 32.5
277 29.3 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

