

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046894.D
 Acq On : 29 Jul 2024 21:37
 Operator : MA/JU
 Sample : P3329-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E21

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 30 00:02:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

07/30/2024
 Supervised By :mohammad
 ahmed

08/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3273	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.210	136	10270	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	6707	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.862	188	13624m	0.400	ng/ul	0.00
17) Chrysene-d12	21.078	240	7327	0.400	ng/ul	0.00
23) Perylene-d12	23.206	264	6795m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	8811	3.845	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	4592	0.281	ng/ul	-0.01
18) Fluoranthene-d10	18.904	212	8228	0.345	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.260	128	851	0.033	ng/ul#	76
10) Acenaphthylene	13.817	152	953	0.031	ng/ul#	74
15) Phenanthrene	16.905	178	1721	0.044	ng/ul#	91
16) Anthracene	16.993	178	1041	0.029	ng/ul#	77
19) Fluoranthene	18.937	202	6767	0.210	ng/ul#	97
20) Pyrene	19.299	202	10307m	0.310	ng/ul	
21) Benzo(a)anthracene	21.061	228	3799	0.124	ng/ul#	90
22) Chrysene	21.113	228	5142	0.166	ng/ul#	92
24) Benzo(b)fluoranthene	22.577	252	8505m	0.285	ng/ul	
25) Benzo(k)fluoranthene	22.615	252	2658m	0.088	ng/ul	
26) Benzo(a)pyrene	23.115	252	3345	0.156	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.306	276	2975	0.090	ng/ul#	69
28) Dibenzo(a,h)anthracene	25.319	278	772	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	25.950	276	2631	0.091	ng/ul#	68

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046894.D
Acq On : 29 Jul 2024 21:37
Operator : MA/JU
Sample : P3329-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E21

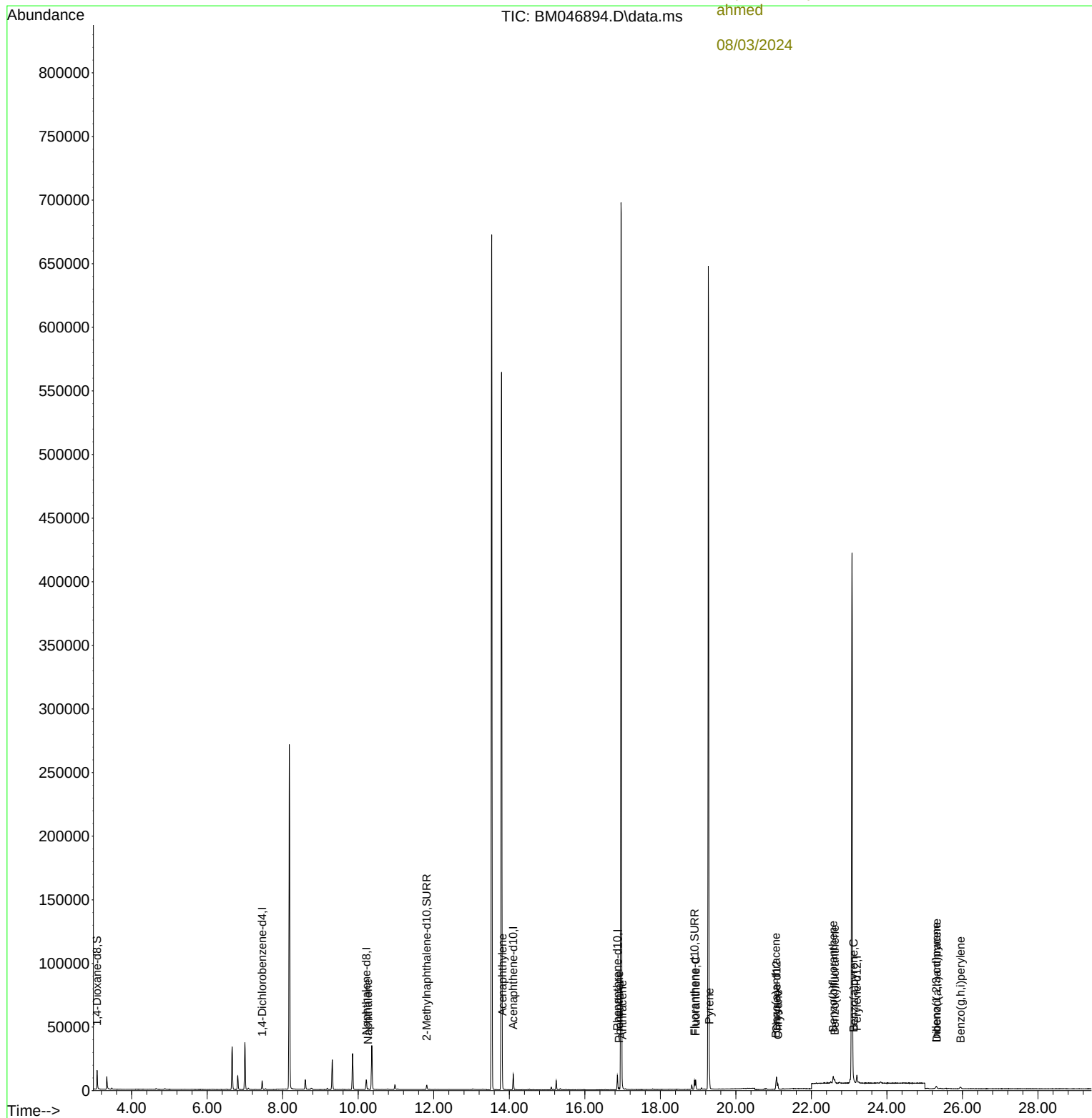
Quant Time: Jul 30 00:02:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

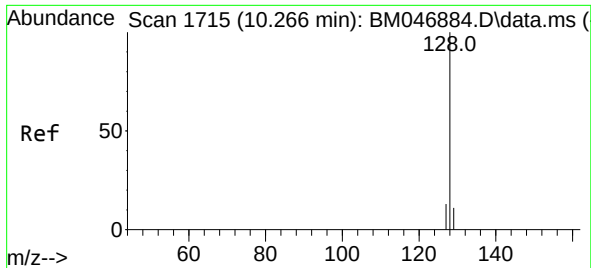
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

07/30/2024
Supervised By :mohammad
ahmed

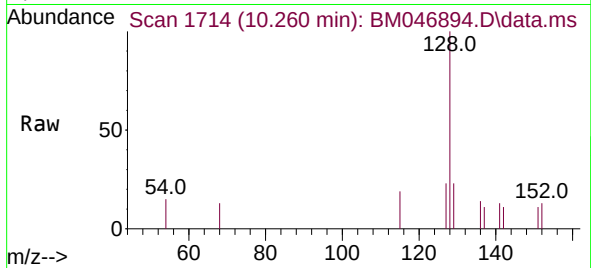
08/03/2024





#5
Naphthalene
Concen: 0.033 ng/u1
RT: 10.260 min Scan# 1714
Delta R.T. -0.017 min
Lab File: BM046894.D
Acq: 29 Jul 2024 21:37

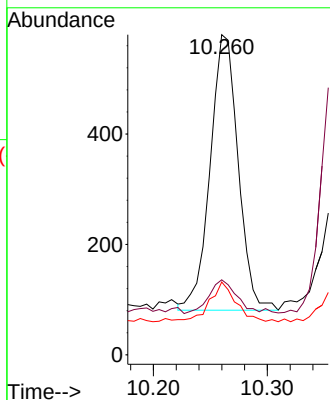
Instrument :
BNA_M
ClientSampleId :
F7E21



Tgt Ion:128 Resp: 853
Ion Ratio Lower Upper
128 100
129 23.4 10.1 15.1#
127 22.8 11.5 17.3#

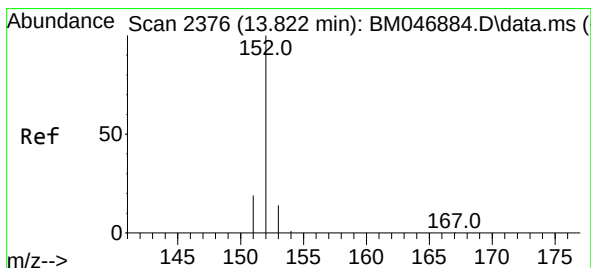
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



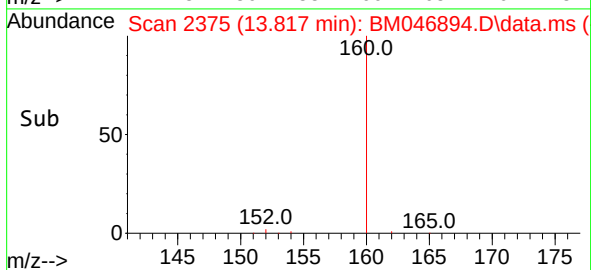
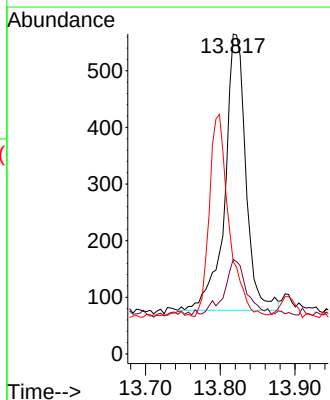
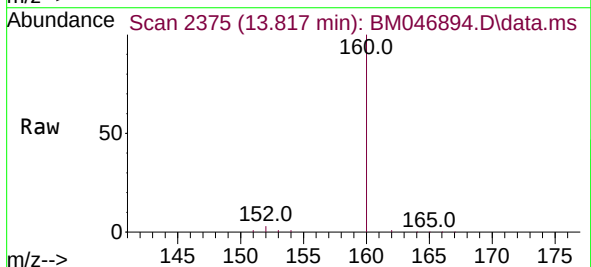
07/30/2024
Supervised By :mohammad
ahmed

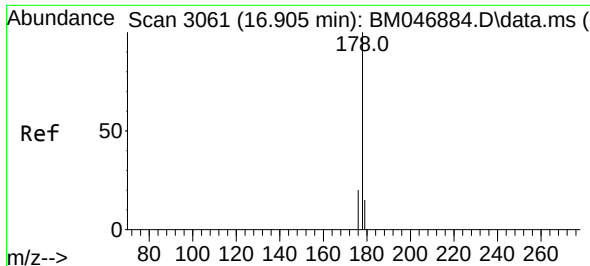
08/03/2024



#10
Acenaphthylene
Concen: 0.031 ng/u1
RT: 13.817 min Scan# 2375
Delta R.T. -0.014 min
Lab File: BM046894.D
Acq: 29 Jul 2024 21:37

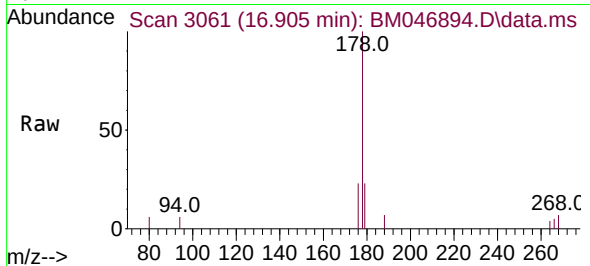
Tgt Ion:152 Resp: 953
Ion Ratio Lower Upper
152 100
151 29.6 16.8 25.2#
153 28.8 11.0 16.6#





#15
Phenanthrene
Concen: 0.044 ng/u1
RT: 16.905 min Scan# 3061
Delta R.T. -0.009 min
Lab File: BM046894.D
Acq: 29 Jul 2024 21:37

Instrument :
BNA_M
ClientSampleId :
F7E21



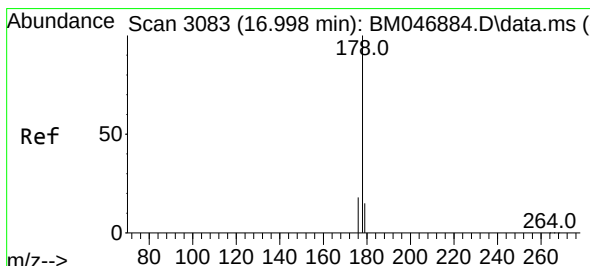
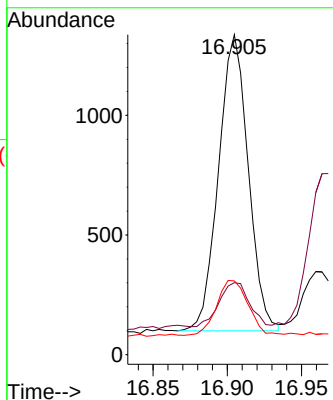
Tgt Ion:178 Resp: 172
Ion Ratio Lower Upper
178 100
179 22.5 13.4 20.2
176 23.0 16.1 24.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

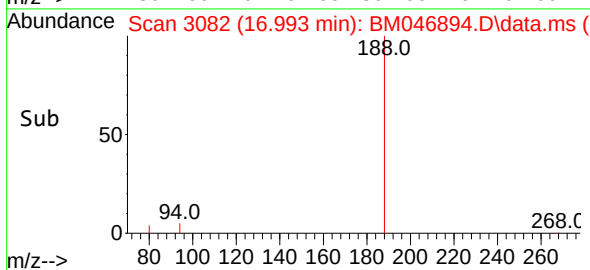
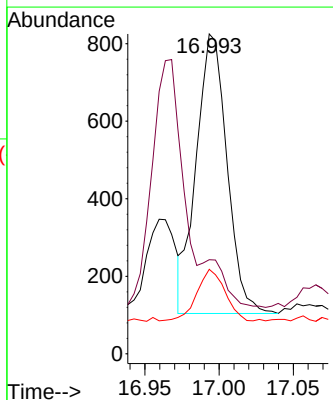
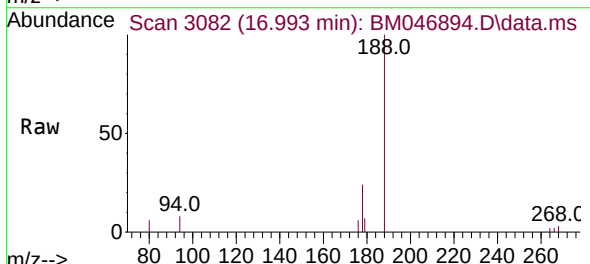
07/30/2024
Supervised By :mohammad
ahmed

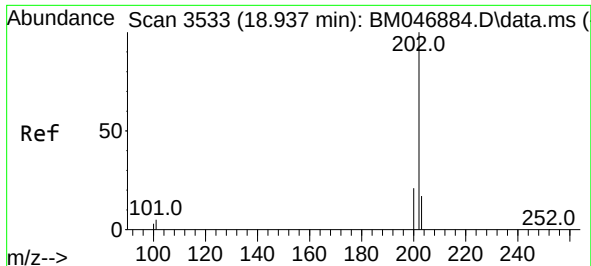
08/03/2024



#16
Anthracene
Concen: 0.029 ng/u1
RT: 16.993 min Scan# 3082
Delta R.T. -0.013 min
Lab File: BM046894.D
Acq: 29 Jul 2024 21:37

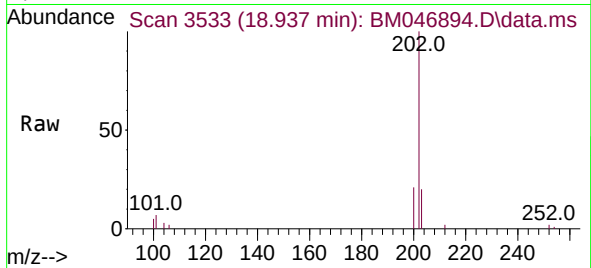
Tgt Ion:178 Resp: 1041
Ion Ratio Lower Upper
178 100
179 29.5 13.1 19.7#
176 26.4 15.0 22.6#





#19
Fluoranthene
Concen: 0.210 ng/ul
RT: 18.937 min Scan# 3533
Delta R.T. -0.005 min
Lab File: BM046894.D
Acq: 29 Jul 2024 21:37

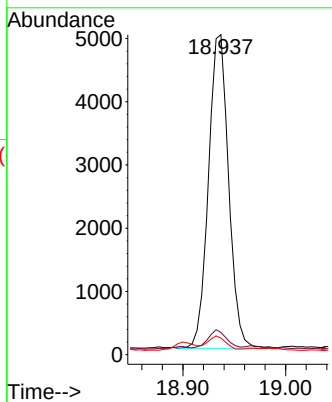
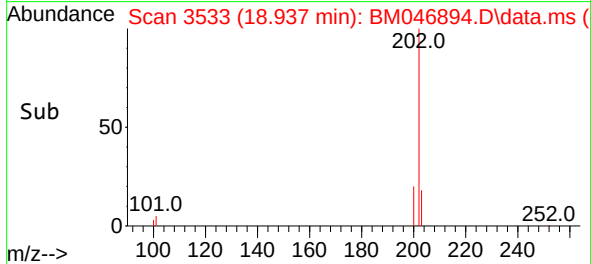
Instrument :
BNA_M
ClientSampleId :
F7E21



Tgt Ion:202 Resp: 676
Ion Ratio Lower Upper
202 100
101 7.0 4.7 7.1
100 5.2 3.4 5.2

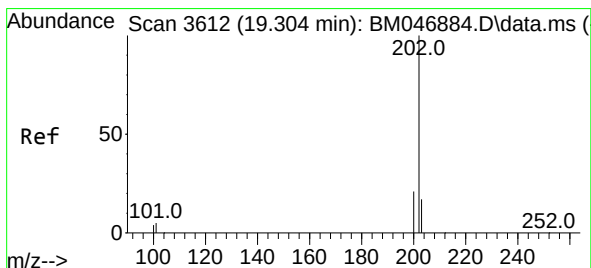
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

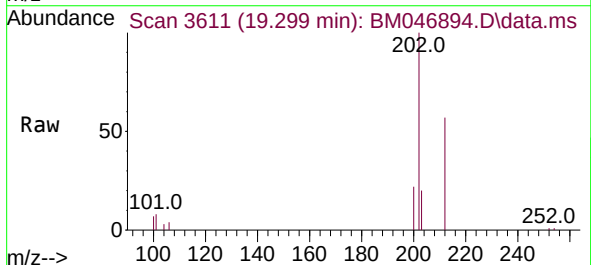


07/30/2024
Supervised By :mohammad
ahmed

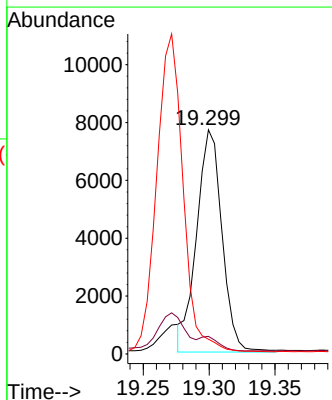
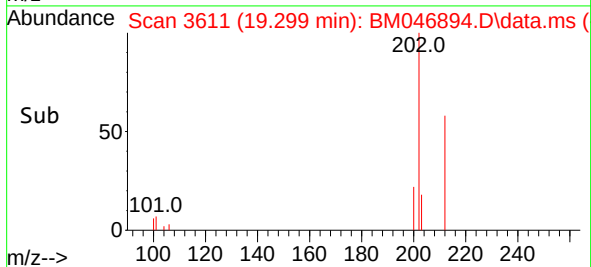
08/03/2024

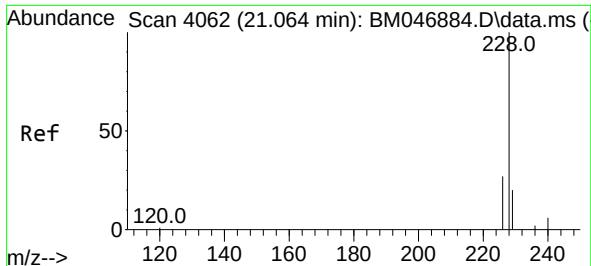


#20
Pyrene
Concen: 0.310 ng/ul m
RT: 19.299 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM046894.D
Acq: 29 Jul 2024 21:37



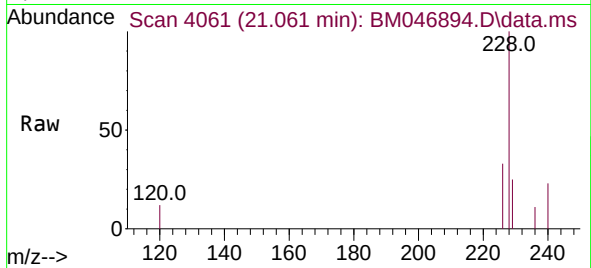
Tgt Ion:202 Resp: 10307
Ion Ratio Lower Upper
202 100
101 7.8 5.2 7.8#
100 6.6 4.3 6.5#





#21
Benzo(a)anthracene
Concen: 0.124 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.003 min
Lab File: BM046894.D
Acq: 29 Jul 2024 21:37

Instrument :
BNA_M
ClientSampleId :
F7E21



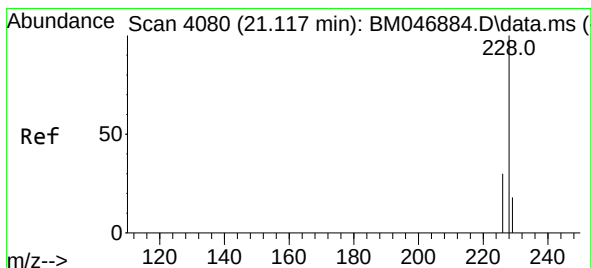
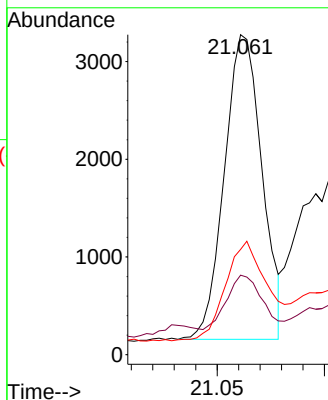
Tgt Ion:228 Resp: 3799
Ion Ratio Lower Upper
228 100
229 24.9 16.3 24.5
226 32.9 22.3 33.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

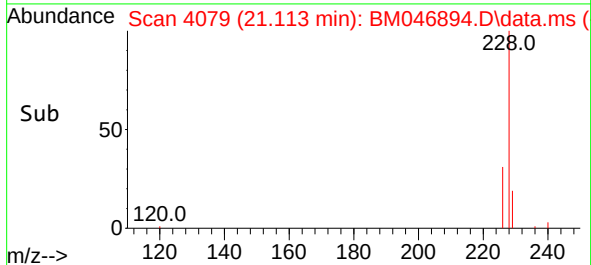
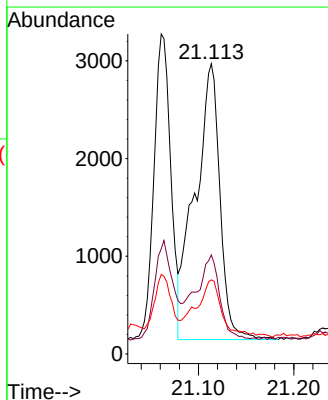
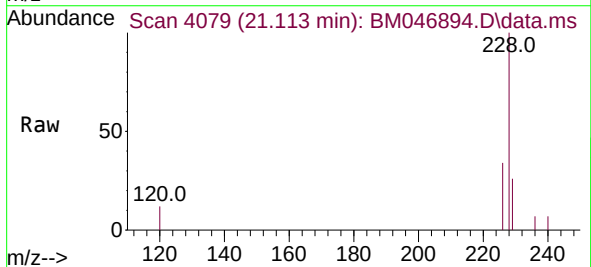
07/30/2024
Supervised By :mohammad
ahmed

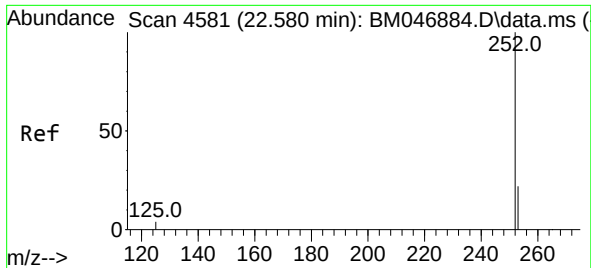
08/03/2024



#22
Chrysene
Concen: 0.166 ng/ul
RT: 21.113 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046894.D
Acq: 29 Jul 2024 21:37

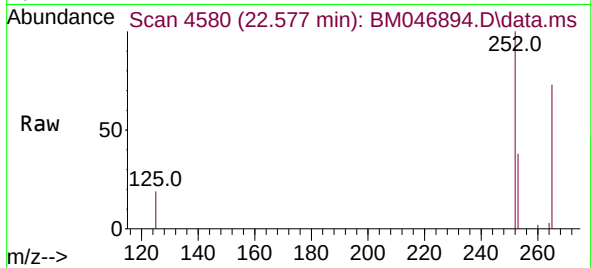
Tgt Ion:228 Resp: 5142
Ion Ratio Lower Upper
228 100
226 34.1 24.5 36.7
229 25.5 16.2 24.2#





#24
Benzo(b)fluoranthene
Concen: 0.285 ng/ul m
RT: 22.577 min Scan# 4580
Delta R.T. -0.003 min
Lab File: BM046894.D
Acq: 29 Jul 2024 21:37

Instrument :
BNA_M
ClientSampleId :
F7E21



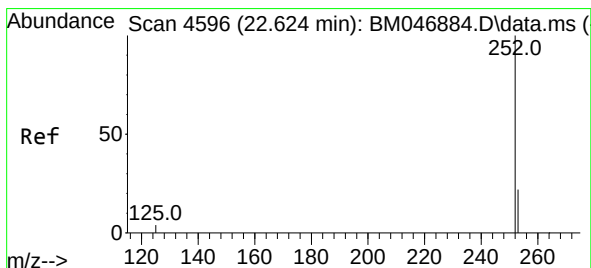
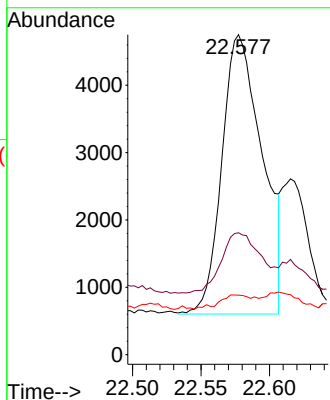
Tgt Ion:252 Resp: 850
Ion Ratio Lower Upper
252 100
253 38.1 0.0 56.4
125 18.6 0.0 15.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

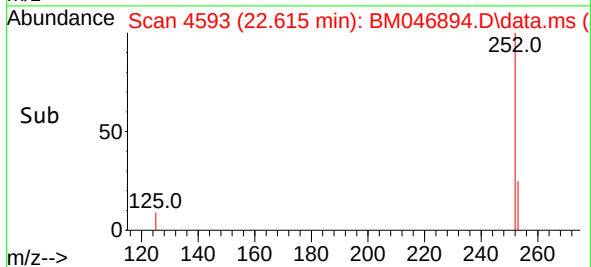
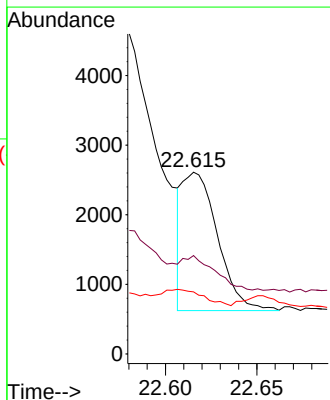
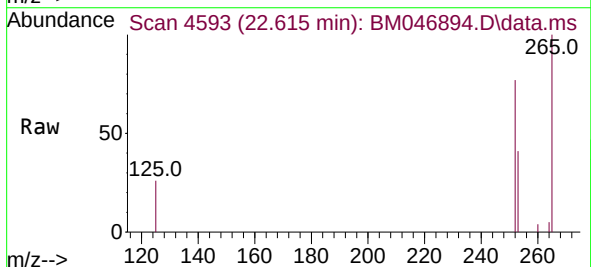
07/30/2024
Supervised By :mohammad
ahmed

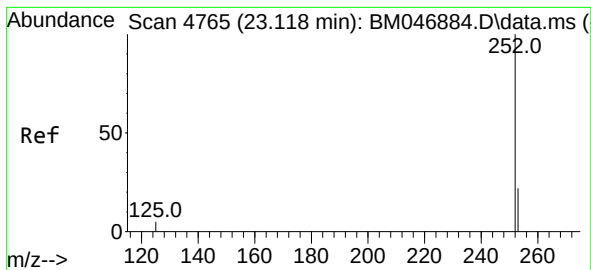
08/03/2024



#25
Benzo(k)fluoranthene
Concen: 0.088 ng/ul m
RT: 22.615 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046894.D
Acq: 29 Jul 2024 21:37

Tgt Ion:252 Resp: 2658
Ion Ratio Lower Upper
252 100
253 54.1 23.5 35.3#
125 34.1 8.6 13.0#





#26

Benzo(a)pyrene

Concen: 0.156 ng/ul

RT: 23.115 min Scan# 4765

Delta R.T. -0.003 min

Lab File: BM046894.D

Acq: 29 Jul 2024 21:37

Instrument :

BNM

ClientSampleId :

F7E21

Tgt Ion:	252	Resp:	334
Ion Ratio	Lower	Upper	
252	100		
253	46.9	26.0	39.0
125	26.1	7.8	11.8

Manual Integrations

APPROVED

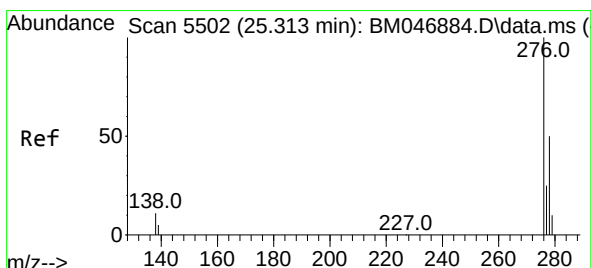
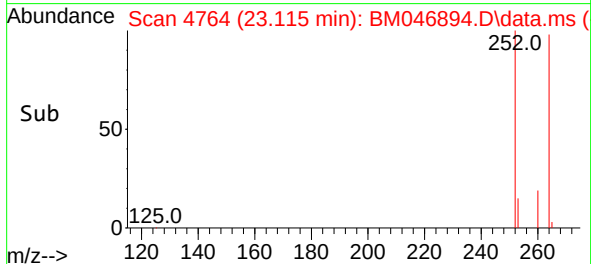
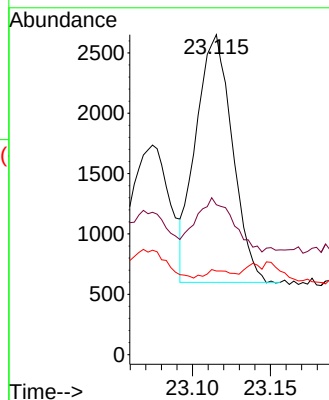
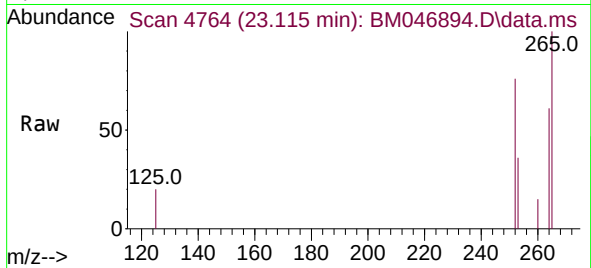
Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 08/03/2024

07/30/2024

Supervised By :mohammad
ahmed

08/03/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.090 ng/ul

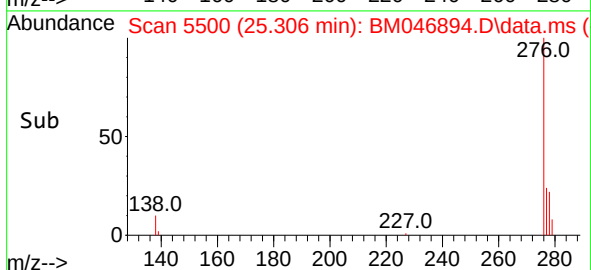
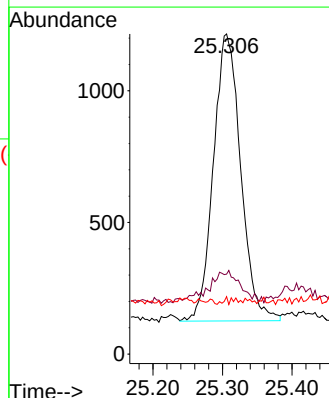
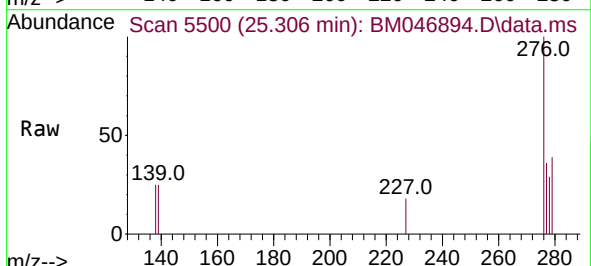
RT: 25.306 min Scan# 5500

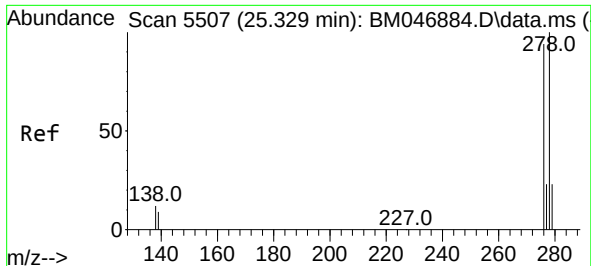
Delta R.T. -0.010 min

Lab File: BM046894.D

Acq: 29 Jul 2024 21:37

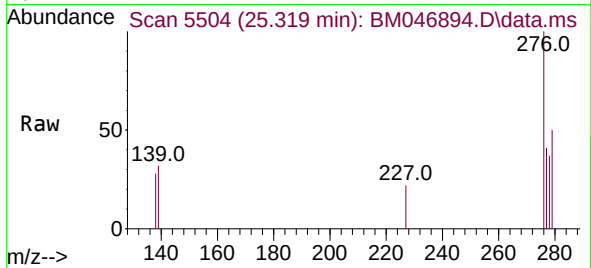
Tgt Ion:	276	Resp:	2975
Ion Ratio	Lower	Upper	
276	100		
138	0.0	9.7	14.5
227	0.4	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 25.319 min Scan# 5504
Delta R.T. -0.014 min
Lab File: BM046894.D
Acq: 29 Jul 2024 21:37

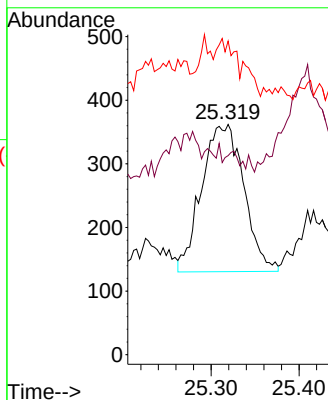
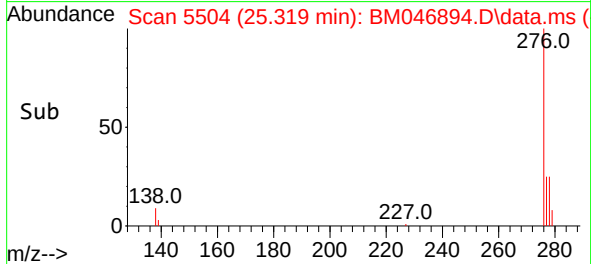
Instrument :
BNA_M
ClientSampleId :
F7E21



Tgt Ion:278 Resp: 772
Ion Ratio Lower Upper
278 100
139 86.5 9.8 14.8#
279 136.2 25.2 37.8#

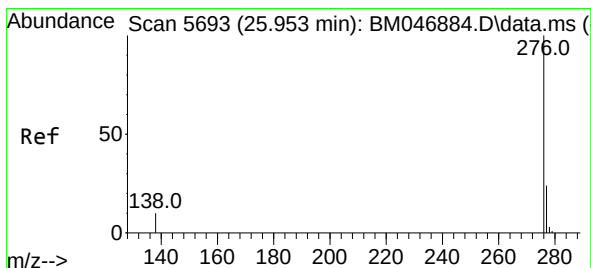
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

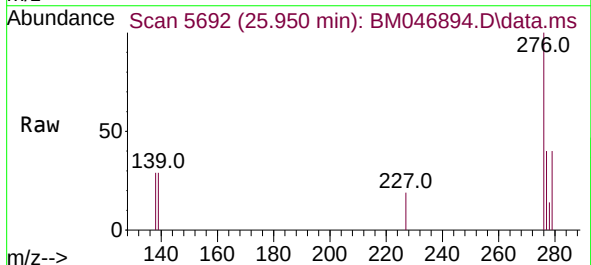


07/30/2024
Supervised By :mohammad
ahmed

08/03/2024



#29
Benzo(g,h,i)perylene
Concen: 0.091 ng/ul
RT: 25.950 min Scan# 5692
Delta R.T. -0.003 min
Lab File: BM046894.D
Acq: 29 Jul 2024 21:37



Tgt Ion:276 Resp: 2631
Ion Ratio Lower Upper
276 100
138 28.8 9.5 14.3#
277 39.5 20.9 31.3#

