

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046582.D
 Acq On : 13 Jul 2024 14:28
 Operator : MA/JU
 Sample : P3088-07
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CZ4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 09:02:23 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jul 15 08:57:27 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	4901	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	13558	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.154	164	8506	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.904	188	17947m	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	11866	0.400	ng/ul	# 0.00
23) Perylene-d12	23.253	264	12029	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	9336	2.318	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	4832	0.221	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	10753	0.298	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.867	152	1583	0.041	ng/ul#	86
15) Phenanthrene	16.946	178	7161	0.140	ng/ul	97
16) Anthracene	17.039	178	1634	0.033	ng/ul#	82
19) Fluoranthene	18.973	202	14784	0.303	ng/ul#	96
20) Pyrene	19.340	202	12896m	0.244	ng/ul	
21) Benzo(a)anthracene	21.096	228	6473	0.123	ng/ul#	84
22) Chrysene	21.146	228	7235	0.142	ng/ul#	90
24) Benzo(b)fluoranthene	22.619	252	9210m	0.192	ng/ul	
25) Benzo(k)fluoranthene	22.660	252	2796m	0.059	ng/ul	
26) Benzo(a)pyrene	23.163	252	5646	0.143	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	25.373	276	5095	0.085	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.387	278	1313	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	26.021	276	5190	0.108	ng/ul#	70

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

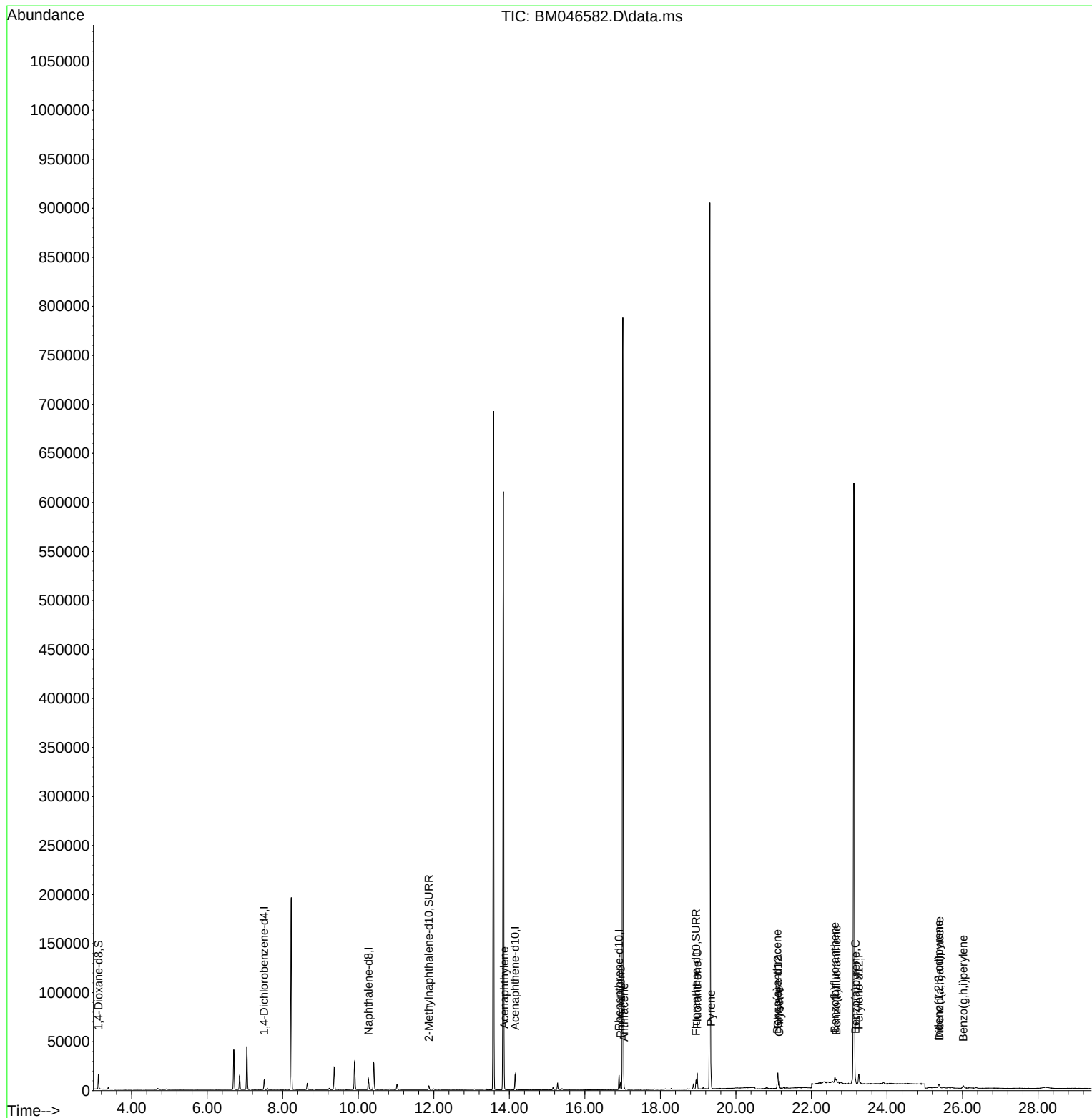
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046582.D
Acq On : 13 Jul 2024 14:28
Operator : MA/JU
Sample : P3088-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

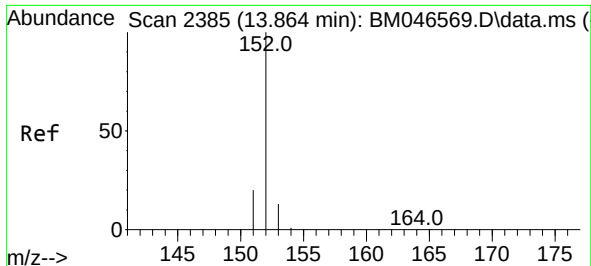
Instrument :
BNA_M
ClientSampleId :
A4CZ4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

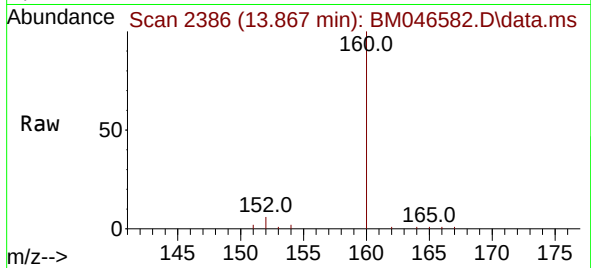
Quant Time: Jul 15 09:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 13.867 min Scan# 21
Delta R.T. 0.003 min
Lab File: BM046582.D
Acq: 13 Jul 2024 14:28

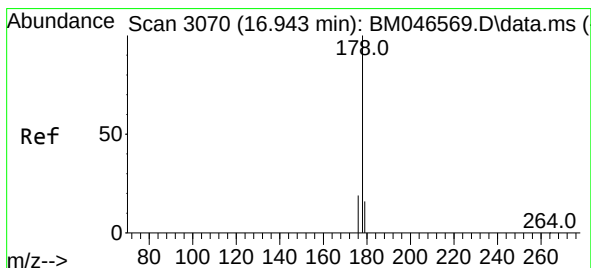
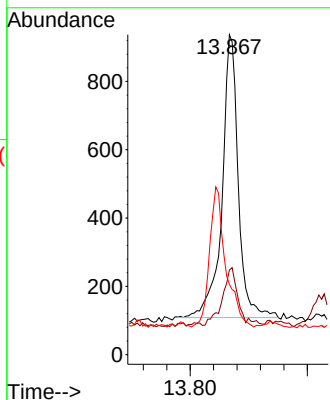
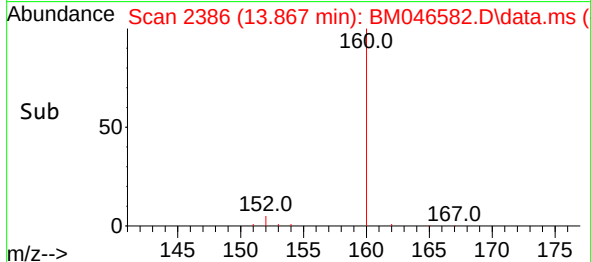
Instrument :
BNA_M
ClientSampleId :
A4CZ4



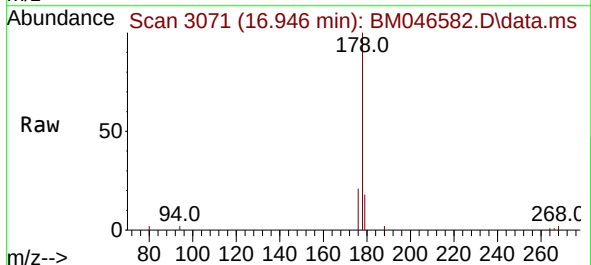
Tgt Ion:152 Resp: 158
Ion Ratio Lower Upper
152 100
151 26.5 16.4 24.6
153 22.0 12.4 18.6

Manual Integrations
APPROVED

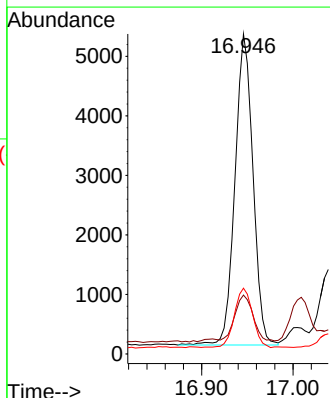
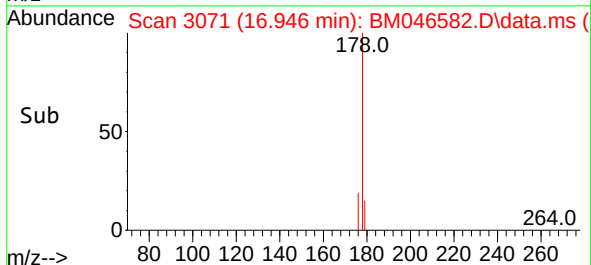
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

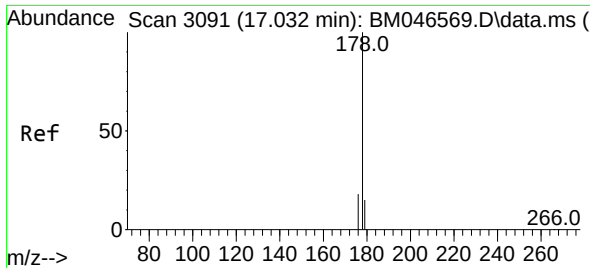


#15
Phenanthrene
Concen: 0.140 ng/ul
RT: 16.946 min Scan# 3071
Delta R.T. 0.003 min
Lab File: BM046582.D
Acq: 13 Jul 2024 14:28



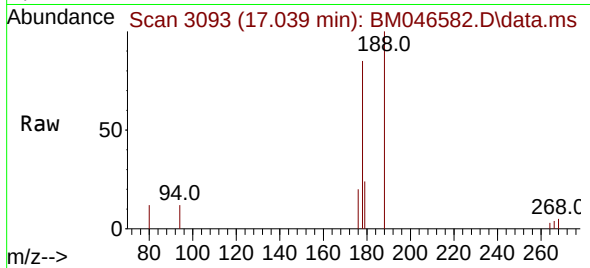
Tgt Ion:178 Resp: 7161
Ion Ratio Lower Upper
178 100
179 18.4 13.1 19.7
176 20.6 16.0 24.0





#16
 Anthracene
 Concen: 0.033 ng/u1
 RT: 17.039 min Scan# 3091
 Delta R.T. 0.007 min
 Lab File: BM046582.D
 Acq: 13 Jul 2024 14:28

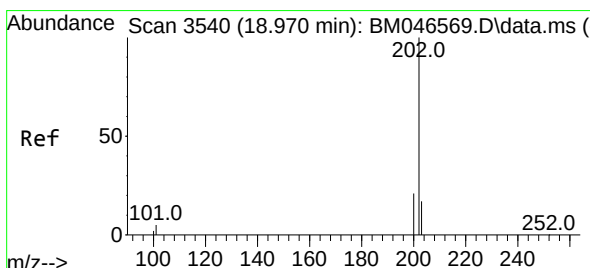
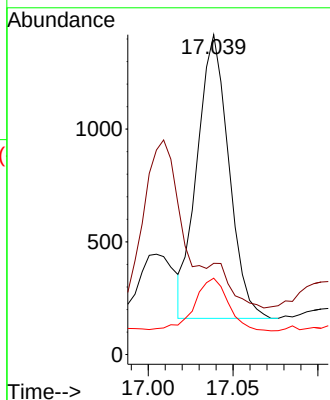
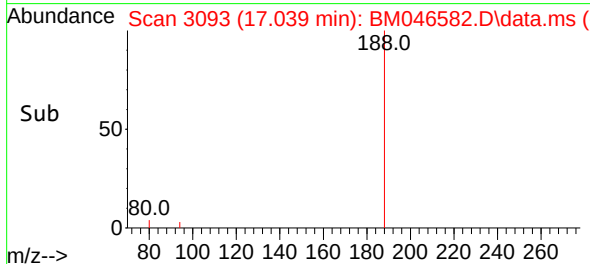
Instrument :
 BNA_M
 ClientSampleId :
 A4CZ4



Tgt Ion:178 Resp: 1634
 Ion Ratio Lower Upper
 178 100
 179 28.5 13.5 20.3#
 176 23.9 15.7 23.5#

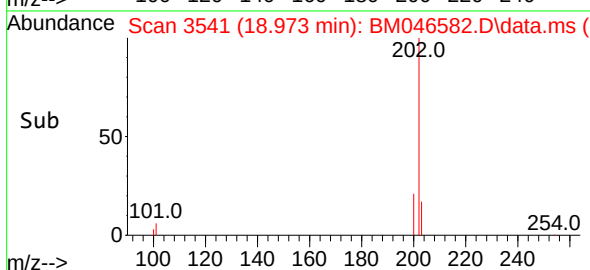
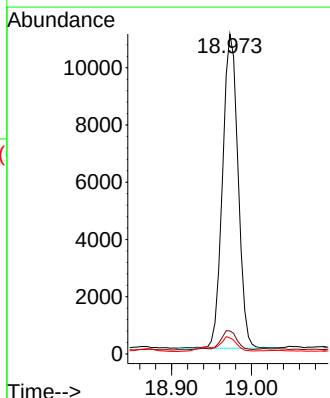
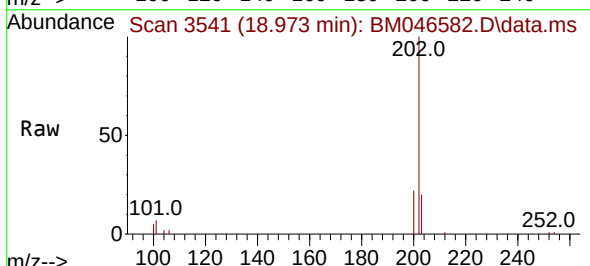
Manual Integrations
 APPROVED

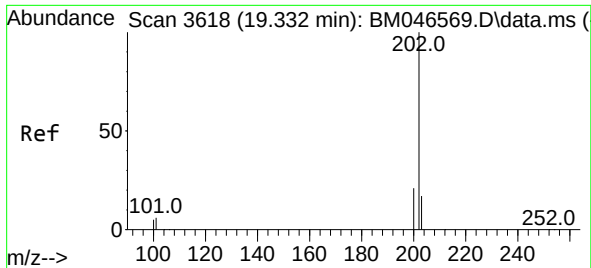
Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 0.303 ng/u1
 RT: 18.973 min Scan# 3541
 Delta R.T. 0.003 min
 Lab File: BM046582.D
 Acq: 13 Jul 2024 14:28

Tgt Ion:202 Resp: 14784
 Ion Ratio Lower Upper
 202 100
 101 7.2 4.6 6.8#
 100 5.1 3.0 4.6#





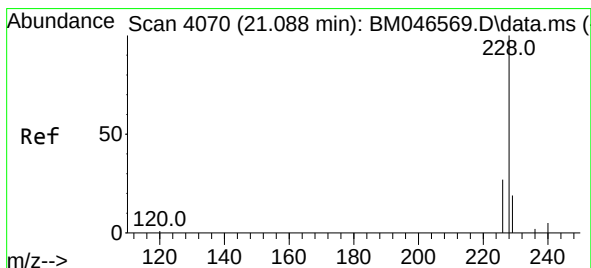
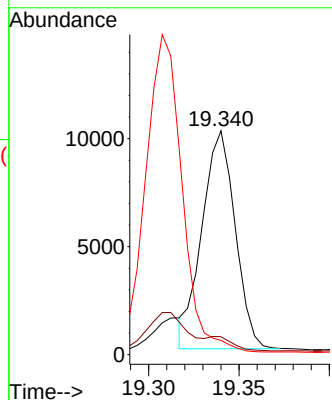
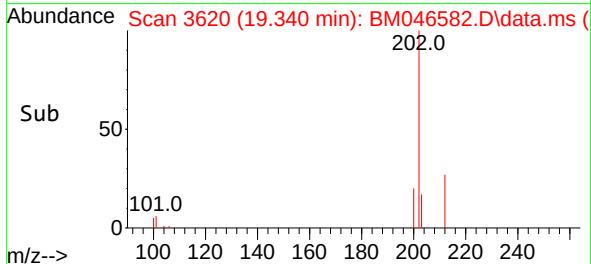
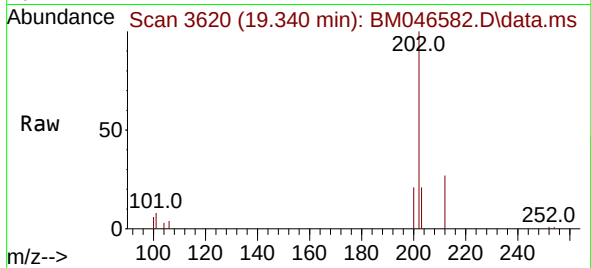
#20
Pyrene
Concen: 0.244 ng/ul m
RT: 19.340 min Scan# 30
Delta R.T. 0.008 min
Lab File: BM046582.D
Acq: 13 Jul 2024 14:28

Instrument :
BNA_M
ClientSampleId :
A4CZ4

Tgt Ion:202 Resp: 12890
Ion Ratio Lower Upper
202 100
101 8.0 5.1 7.7#
100 6.4 3.8 5.6#

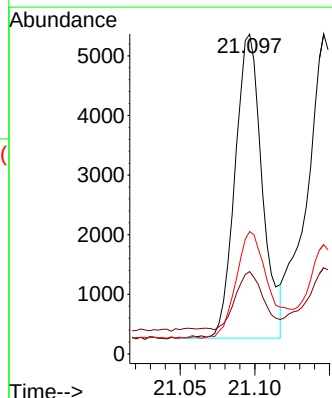
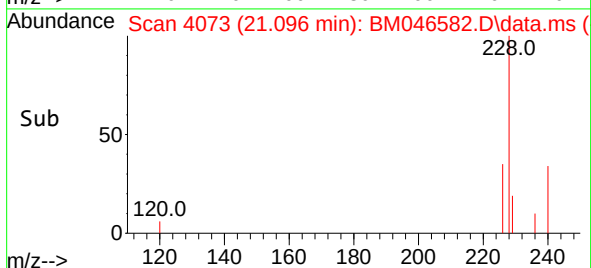
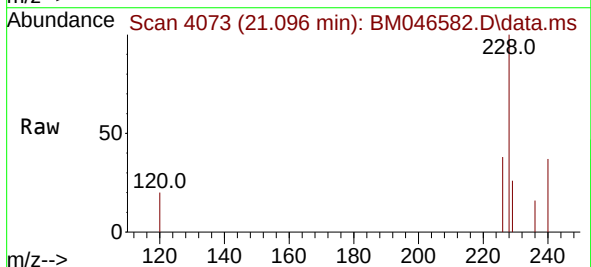
Manual Integrations
APPROVED

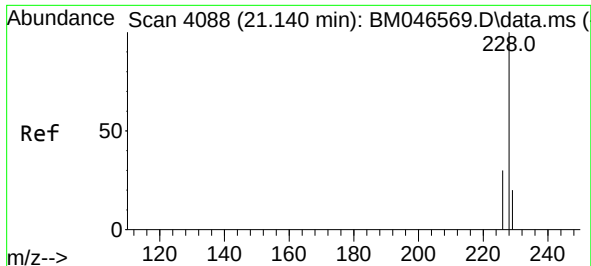
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 0.123 ng/ul
RT: 21.096 min Scan# 4073
Delta R.T. 0.009 min
Lab File: BM046582.D
Acq: 13 Jul 2024 14:28

Tgt Ion:228 Resp: 6473
Ion Ratio Lower Upper
228 100
229 25.8 16.5 24.7#
226 38.3 22.5 33.7#





#22

Chrysene

Concen: 0.142 ng/ul

RT: 21.146 min Scan# 4088

Delta R.T. 0.006 min

Lab File: BM046582.D

Acq: 13 Jul 2024 14:28

Instrument :

BNA_M

ClientSampleId :

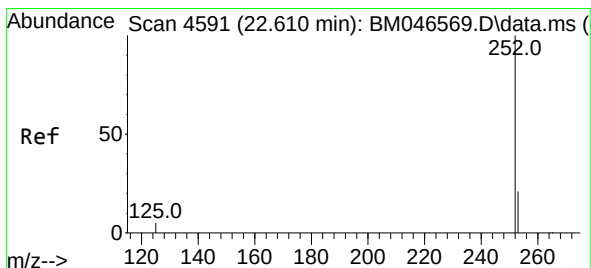
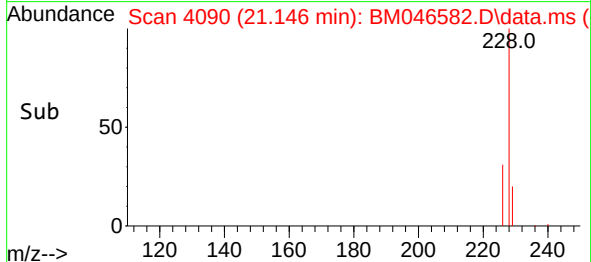
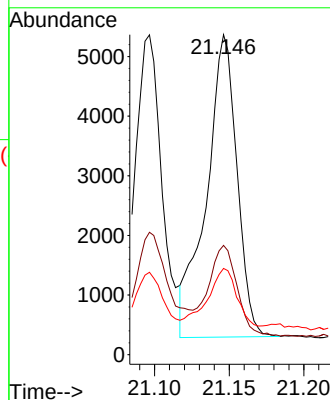
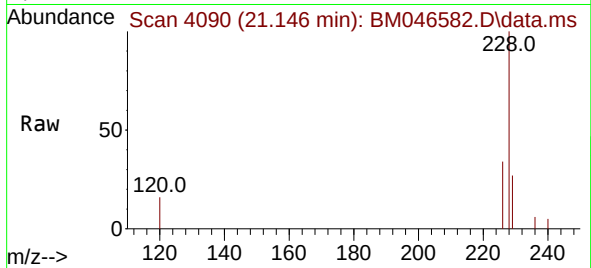
A4CZ4

Tgt Ion:228	Resp:	7235
Ion Ratio	Lower	Upper
228	100	
226	34.1	24.3 36.5
229	26.9	16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#24

Benzo(b)fluoranthene

Concen: 0.192 ng/ul m

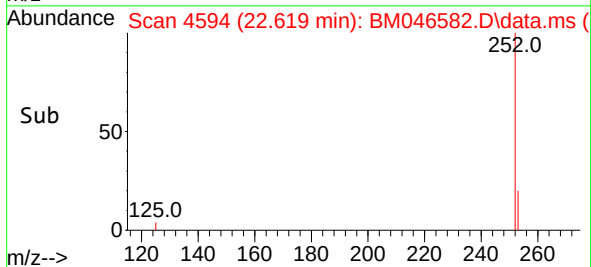
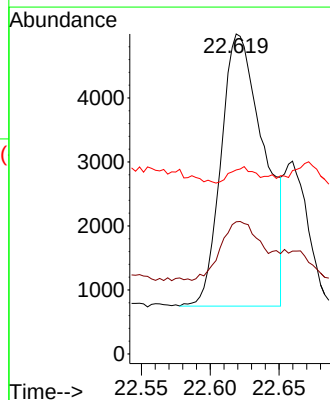
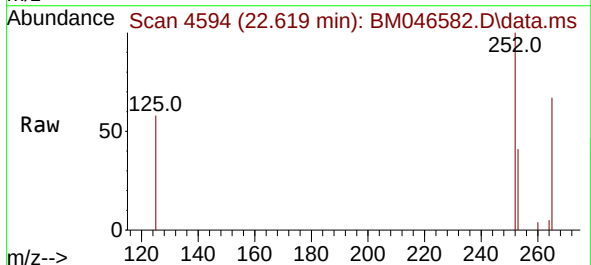
RT: 22.619 min Scan# 4594

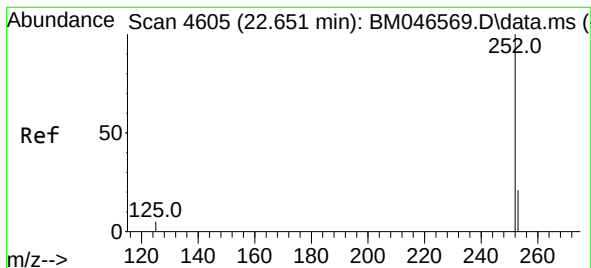
Delta R.T. 0.009 min

Lab File: BM046582.D

Acq: 13 Jul 2024 14:28

Tgt Ion:252	Resp:	9210
Ion Ratio	Lower	Upper
252	100	
253	41.3	0.0 56.2
125	57.5	0.0 17.8





#25

Benzo(k)fluoranthene

Concen: 0.059 ng/ul m

RT: 22.660 min Scan# 4

Delta R.T. 0.009 min

Lab File: BM046582.D

Acq: 13 Jul 2024 14:28

Instrument :

BNM

ClientSampleId :

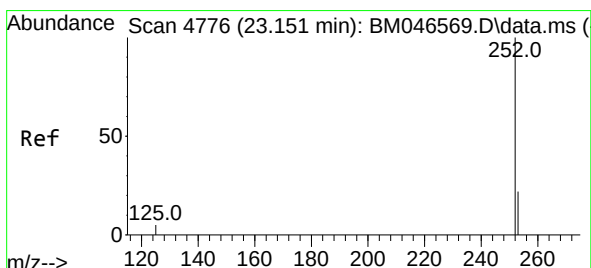
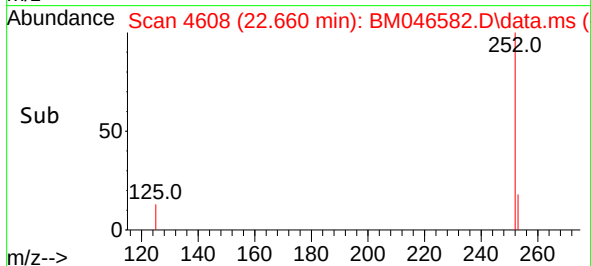
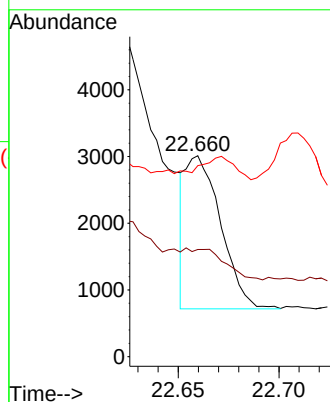
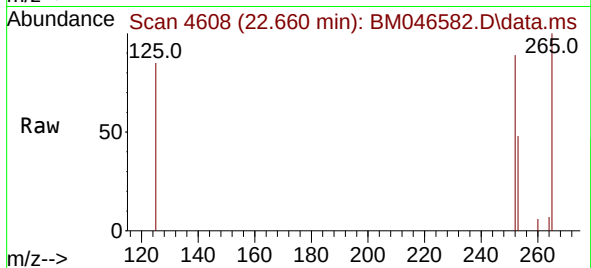
A4CZ4

Tgt Ion:252	Resp:	2790
Ion Ratio	Lower	Upper
252	100	
253	53.3	22.4 33.6
125	95.1	7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#26

Benzo(a)pyrene

Concen: 0.143 ng/ul

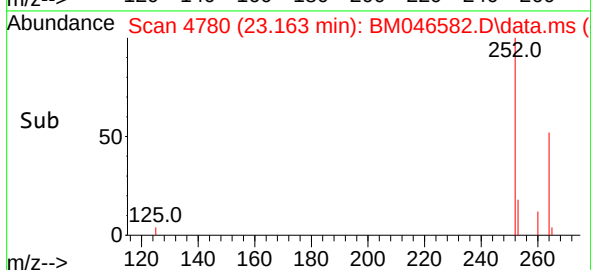
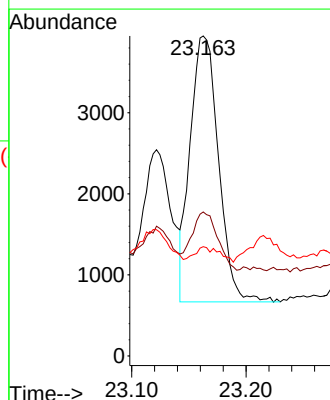
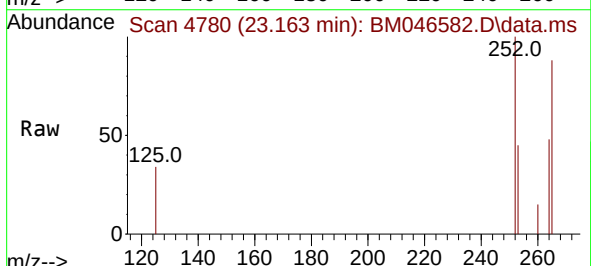
RT: 23.163 min Scan# 4780

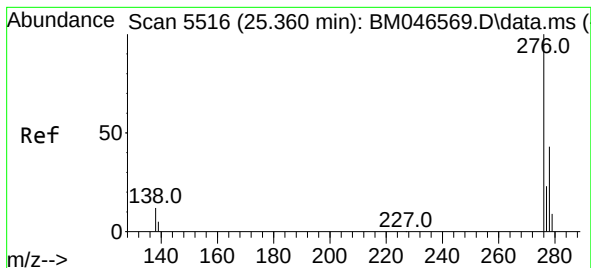
Delta R.T. 0.012 min

Lab File: BM046582.D

Acq: 13 Jul 2024 14:28

Tgt Ion:252	Resp:	5646
Ion Ratio	Lower	Upper
252	100	
253	45.0	24.0 36.0#
125	34.2	8.2 12.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.085 ng/ul

RT: 25.373 min Scan# 5520

Delta R.T. 0.013 min

Lab File: BM046582.D

Acq: 13 Jul 2024 14:28

Instrument :

BNA_M

ClientSampleId :

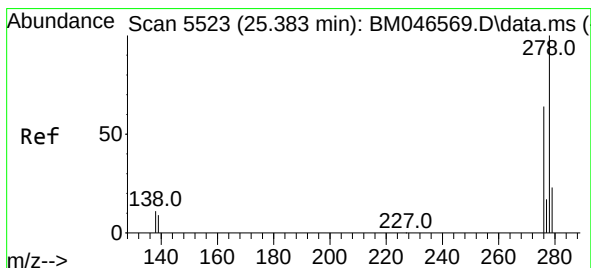
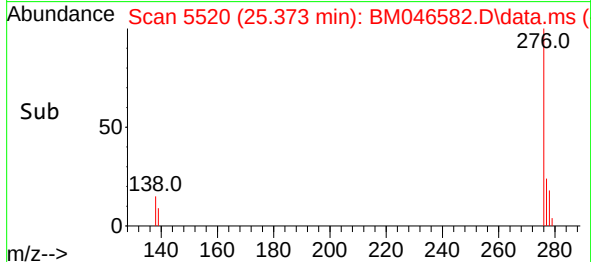
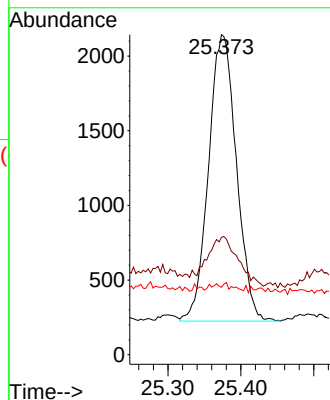
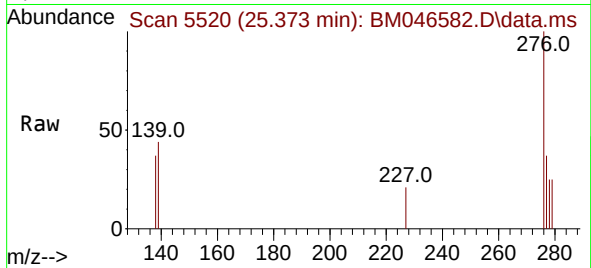
A4CZ4

Tgt Ion:	276	Resp:	509
Ion Ratio	Lower	Upper	
276	100		
138	18.6	0.0	0.0
227	0.8	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.028 ng/ul

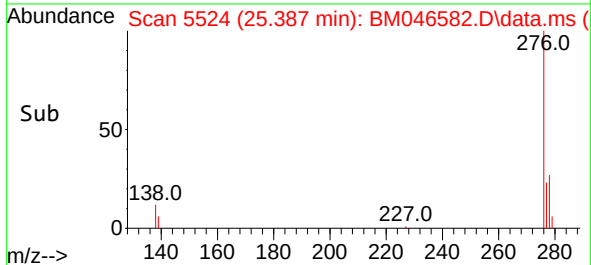
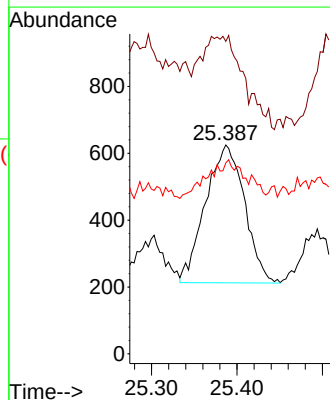
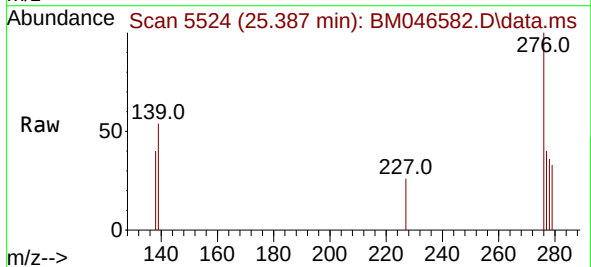
RT: 25.387 min Scan# 5524

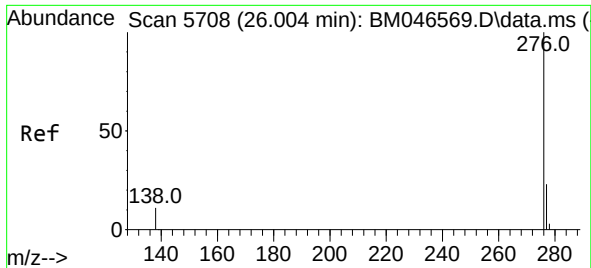
Delta R.T. 0.003 min

Lab File: BM046582.D

Acq: 13 Jul 2024 14:28

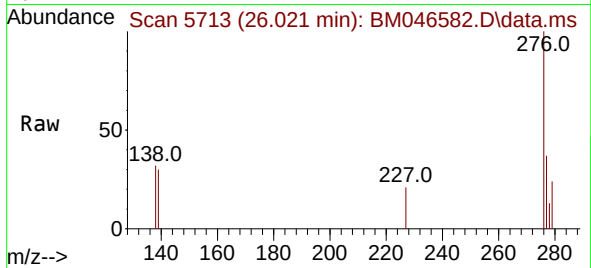
Tgt Ion:	278	Resp:	1313
Ion Ratio	Lower	Upper	
278	100		
139	149.6	9.1	13.7#
279	91.4	23.2	34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.108 ng/ul
RT: 26.021 min Scan# 5190
Delta R.T. 0.017 min
Lab File: BM046582.D
Acq: 13 Jul 2024 14:28

Instrument :
BNA_M
ClientSampleId :
A4CZ4



Tgt Ion:276 Resp: 5190
Ion Ratio Lower Upper
276 100
138 31.9 10.2 15.4
277 36.9 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

