

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046458.D
 Acq On : 09 Jul 2024 04:37
 Operator : MA/JU
 Sample : P2982-09DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CF5DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 05:09:19 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 05 16:01:25 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	5562	0.400	ng/ul	0.00
4) Naphthalene-d8	10.292	136	15258	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.172	164	9715	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.920	188	19208	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.126	240	11875	0.400	ng/ul	-0.02
23) Perylene-d12	23.277	264	11515	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3122	0.543	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.892	152	1109	0.049	ng/ul	-0.01
18) Fluoranthene-d10	18.959	212	2030	0.049	ng/ul	-0.01
Target Compounds					Qvalue	
10) Acenaphthylene	13.890	152	3078	0.062	ng/ul	94
15) Phenanthrene	16.963	178	11512	0.200	ng/ul	98
16) Anthracene	17.055	178	5046	0.090	ng/ul	95
19) Fluoranthene	18.992	202	35810	0.597	ng/ul#	95
20) Pyrene	19.354	202	42616	0.690	ng/ul#	91
21) Benzo(a)anthracene	21.111	228	17046	0.321	ng/ul	95
22) Chrysene	21.161	228	16125	0.306	ng/ul	97
24) Benzo(b)fluoranthene	22.639	252	18077m	0.369	ng/ul	
25) Benzo(k)fluoranthene	22.680	252	6640m	0.134	ng/ul	
26) Benzo(a)pyrene	23.180	252	13817	0.357	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.410	276	8819	0.169	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.424	278	2039	0.050	ng/ul#	37
29) Benzo(g,h,i)perylene	26.058	276	8538	0.205	ng/ul#	93

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

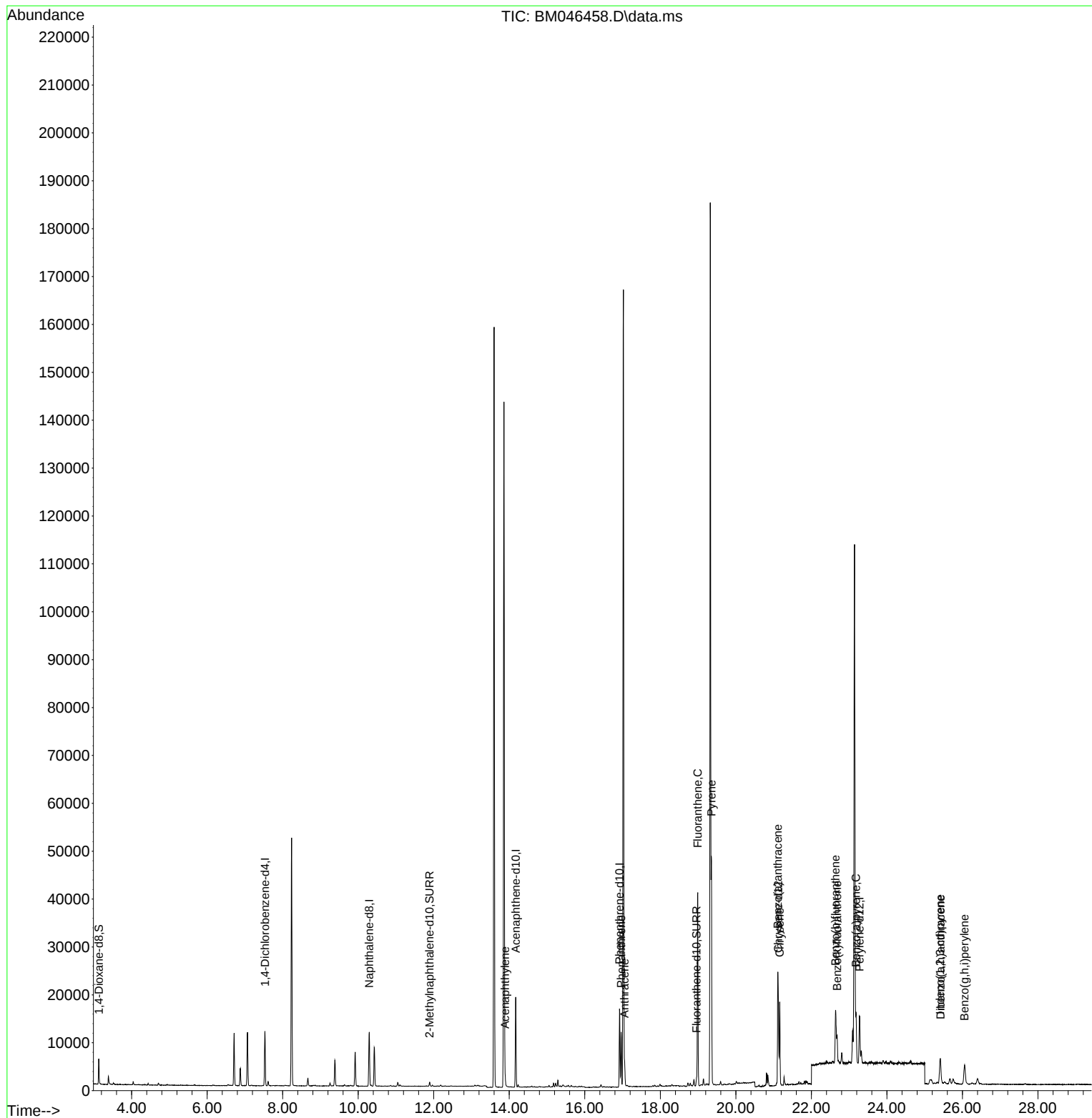
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046458.D
Acq On : 09 Jul 2024 04:37
Operator : MA/JU
Sample : P2982-09DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

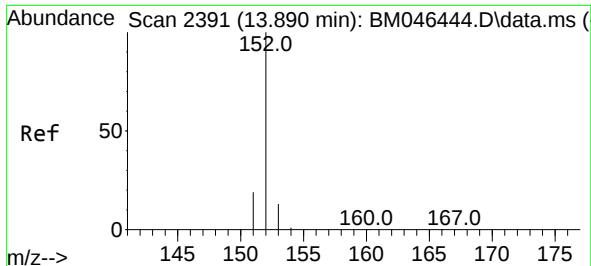
Instrument :
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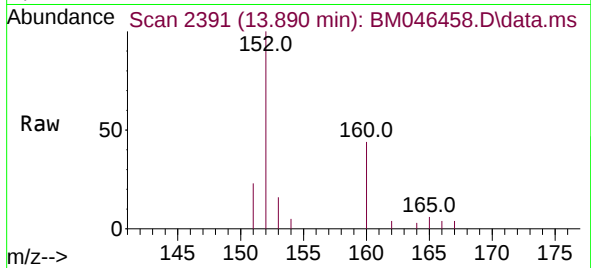
Quant Time: Jul 09 05:09:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.062 ng/u1
RT: 13.890 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM046458.D
Acq: 09 Jul 2024 04:37

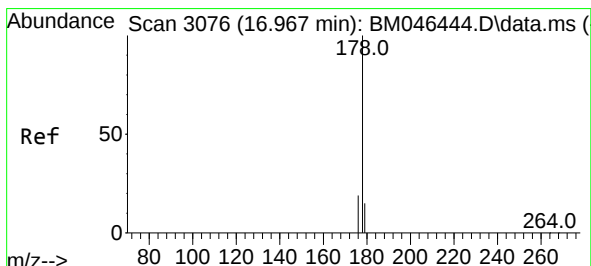
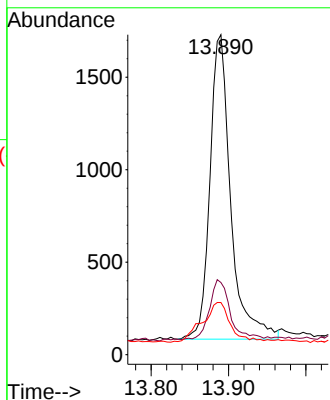
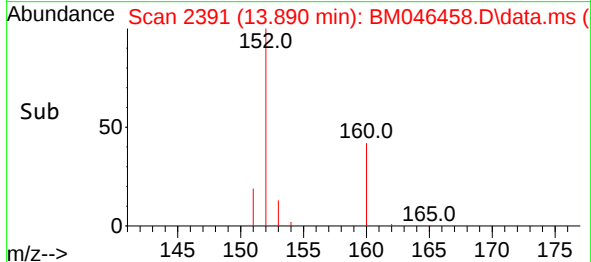
Instrument :
BNA_M
ClientSampleId :
A4CF5DL



Tgt Ion:152 Resp: 3078
Ion Ratio Lower Upper
152 100
151 22.5 15.9 23.9
153 16.3 11.0 16.6

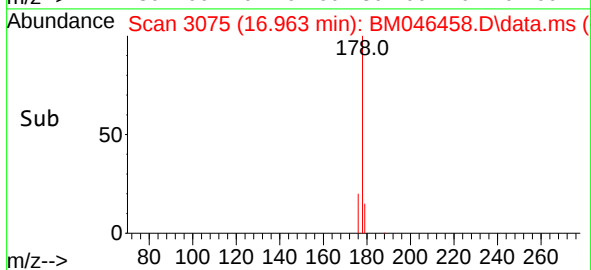
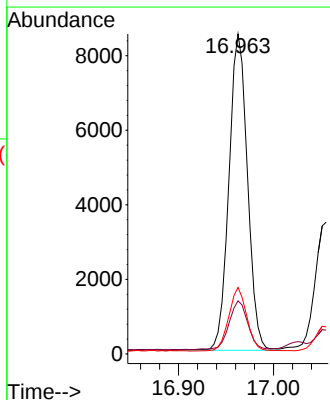
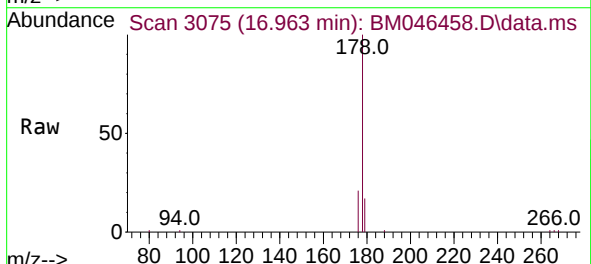
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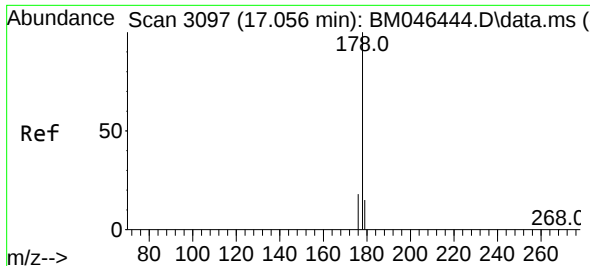
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#15
Phenanthrene
Concen: 0.200 ng/u1
RT: 16.963 min Scan# 3075
Delta R.T. -0.013 min
Lab File: BM046458.D
Acq: 09 Jul 2024 04:37

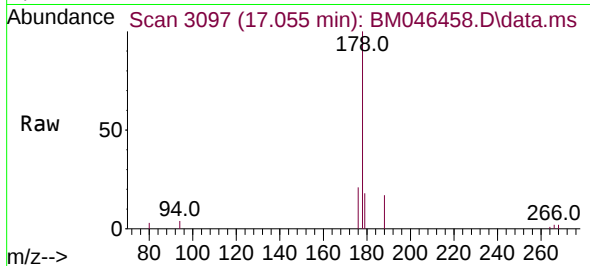
Tgt Ion:178 Resp: 11512
Ion Ratio Lower Upper
178 100
179 16.6 12.7 19.1
176 20.8 16.0 24.0





#16
 Anthracene
 Concen: 0.090 ng/u1
 RT: 17.055 min Scan# 3097
 Delta R.T. -0.013 min
 Lab File: BM046458.D
 Acq: 09 Jul 2024 04:37

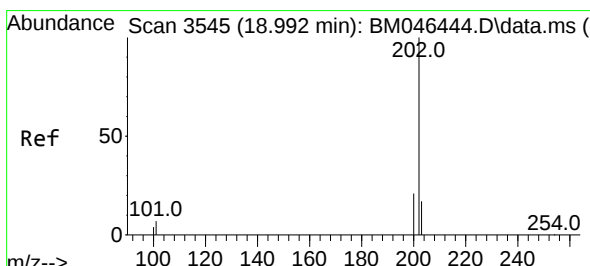
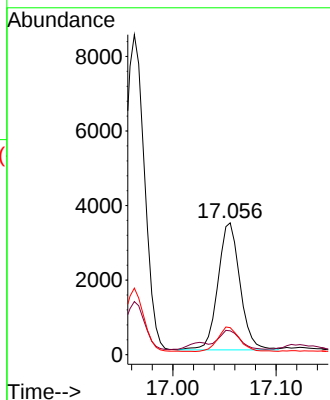
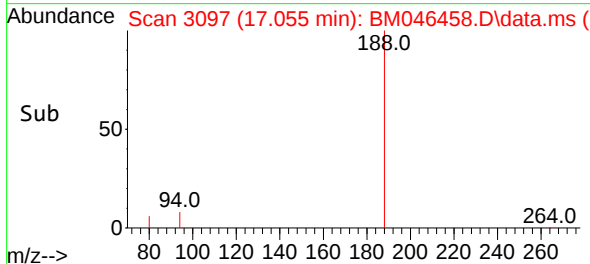
Instrument :
 BNA_M
 ClientSampleId :
 A4CF5DL



Tgt Ion:178 Resp: 5040
 Ion Ratio Lower Upper
 178 100
 179 18.1 12.6 18.8
 176 20.5 14.9 22.3

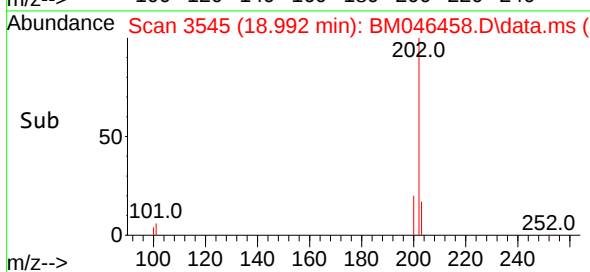
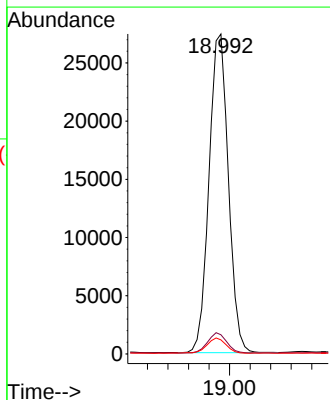
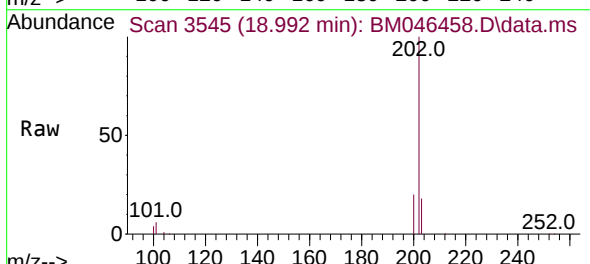
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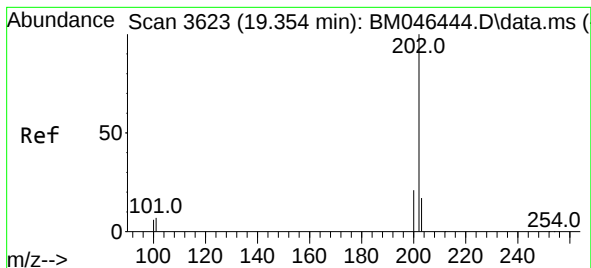
Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024



#19
 Fluoranthene
 Concen: 0.597 ng/u1
 RT: 18.992 min Scan# 3545
 Delta R.T. -0.014 min
 Lab File: BM046458.D
 Acq: 09 Jul 2024 04:37

Tgt Ion:202 Resp: 35810
 Ion Ratio Lower Upper
 202 100
 101 6.0 6.3 9.5#
 100 4.4 5.0 7.6#





#20

Pyrene

Concen: 0.690 ng/ul

RT: 19.354 min Scan# 30

Delta R.T. -0.009 min

Lab File: BM046458.D

Acq: 09 Jul 2024 04:37

Instrument :

BNA_M

ClientSampleId :

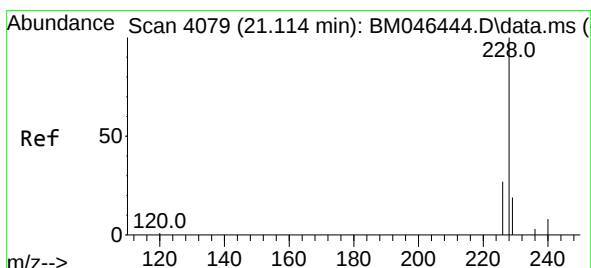
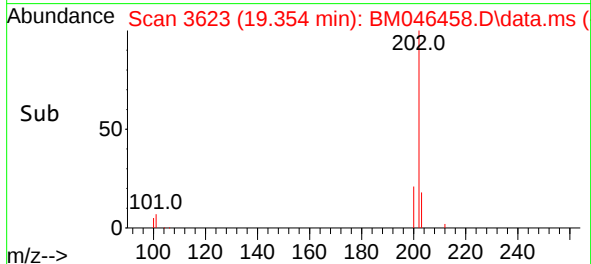
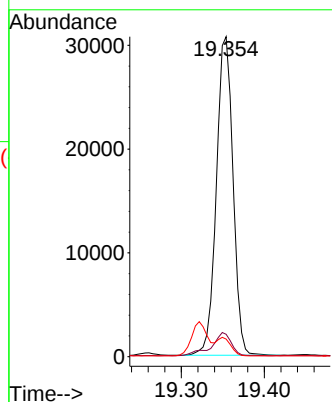
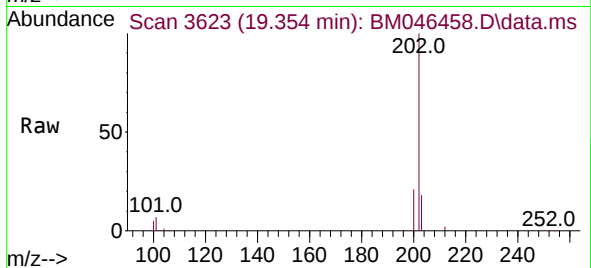
A4CF5DL

Tgt Ion:	202	Resp:	42610
Ion Ratio	Lower	Upper	
202	100		
101	7.0	8.2	12.4
100	5.5	6.9	10.3

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#21

Benzo(a)anthracene

Concen: 0.321 ng/ul

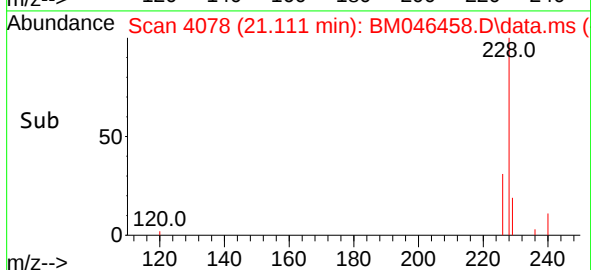
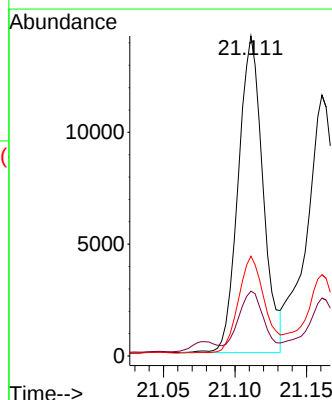
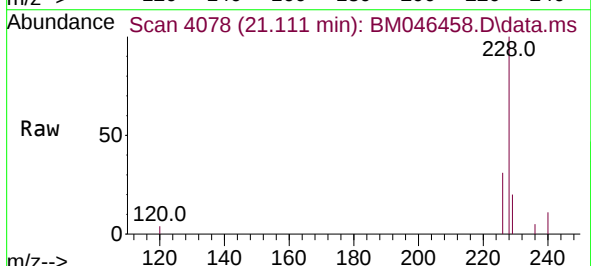
RT: 21.111 min Scan# 4078

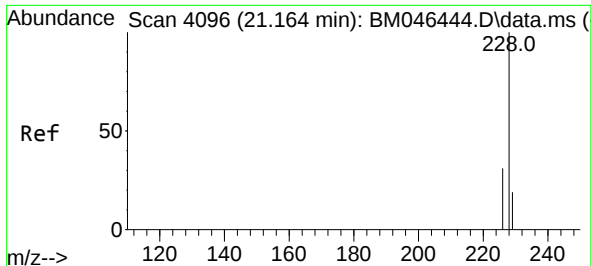
Delta R.T. -0.014 min

Lab File: BM046458.D

Acq: 09 Jul 2024 04:37

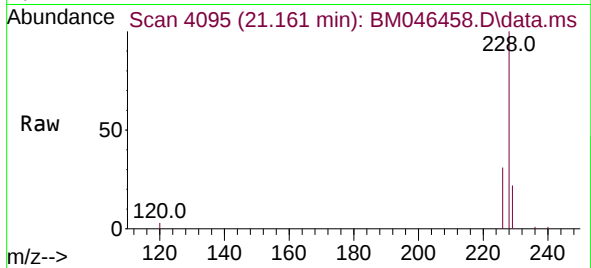
Tgt Ion:	228	Resp:	17046
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.8	23.6
226	31.2	22.0	33.0





#22
Chrysene
Concen: 0.306 ng/ul
RT: 21.161 min Scan# 4095
Delta R.T. -0.017 min
Lab File: BM046458.D
Acq: 09 Jul 2024 04:37

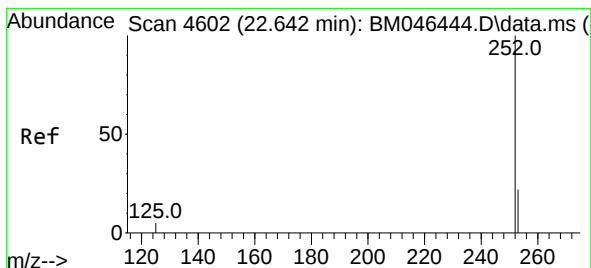
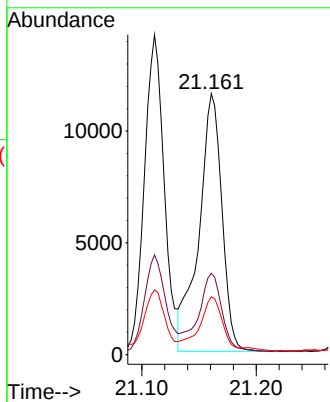
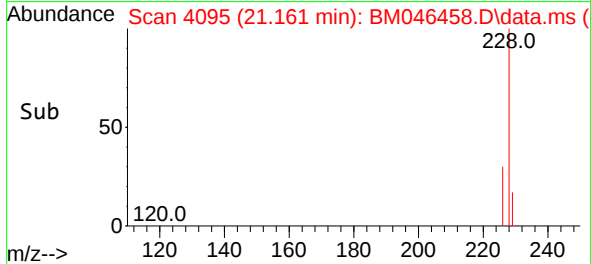
Instrument :
BNA_M
ClientSampleId :
A4CF5DL



Tgt Ion:228 Resp: 16125
Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 22.2 15.8 23.6

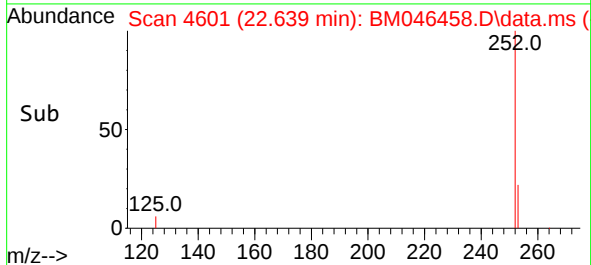
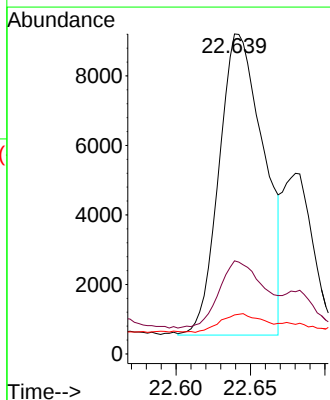
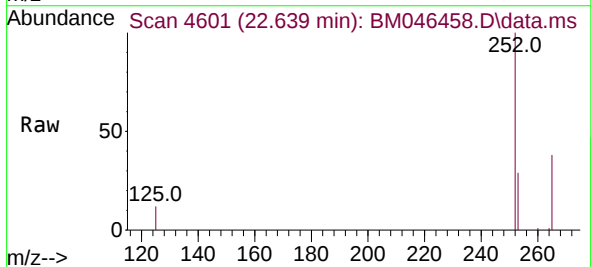
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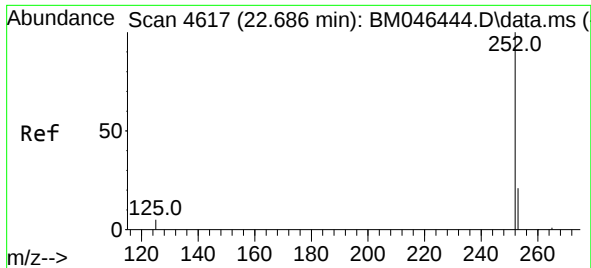
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul m
RT: 22.639 min Scan# 4601
Delta R.T. -0.023 min
Lab File: BM046458.D
Acq: 09 Jul 2024 04:37

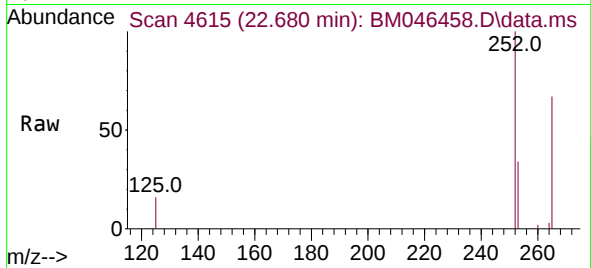
Tgt Ion:252 Resp: 18077
Ion Ratio Lower Upper
252 100
253 29.1 0.0 47.0
125 12.2 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 0.134 ng/ul m
RT: 22.680 min Scan# 4617
Delta R.T. -0.026 min
Lab File: BM046458.D
Acq: 09 Jul 2024 04:37

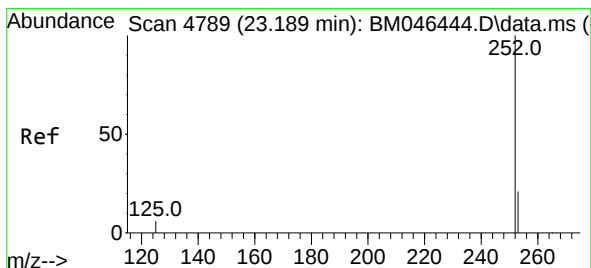
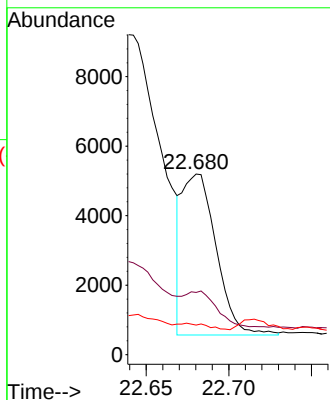
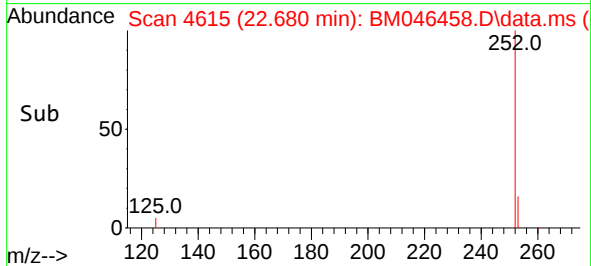
Instrument :
BNA_M
ClientSampleId :
A4CF5DL



Tgt Ion:252 Resp: 6640
Ion Ratio Lower Upper
252 100
253 34.5 18.4 27.6
125 16.4 7.5 11.3

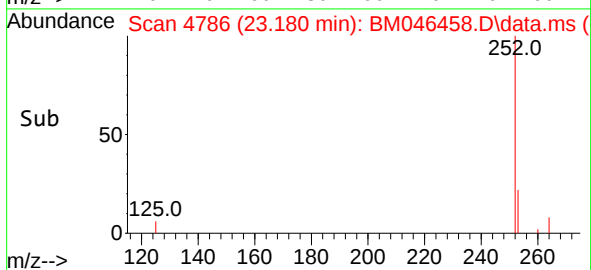
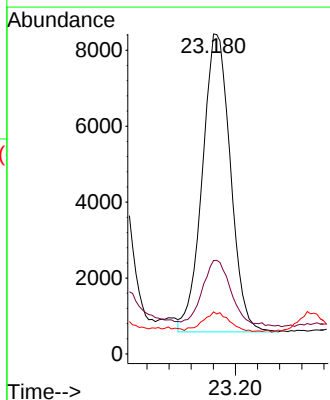
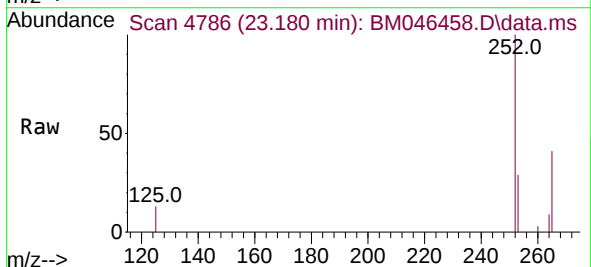
Manual Integrations
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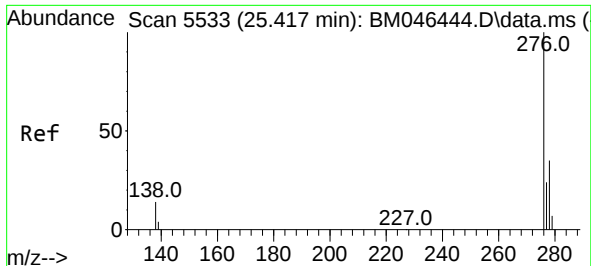
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.180 min Scan# 4786
Delta R.T. -0.029 min
Lab File: BM046458.D
Acq: 09 Jul 2024 04:37

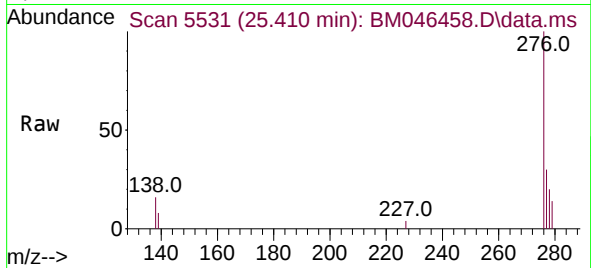
Tgt Ion:252 Resp: 13817
Ion Ratio Lower Upper
252 100
253 29.2 18.9 28.3#
125 13.2 8.1 12.1#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.169 ng/ul
RT: 25.410 min Scan# 5531
Delta R.T. -0.037 min
Lab File: BM046458.D
Acq: 09 Jul 2024 04:37

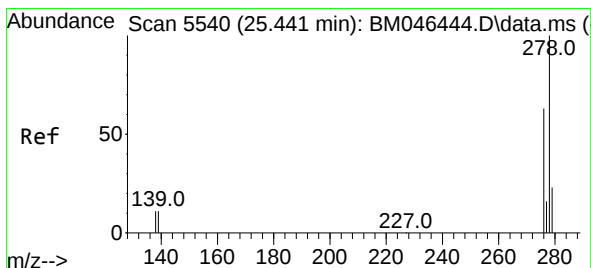
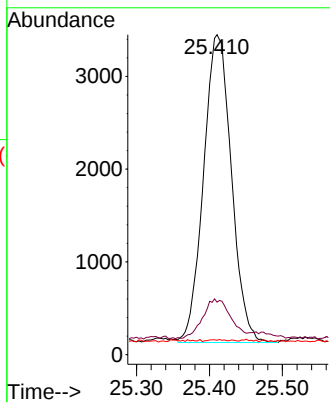
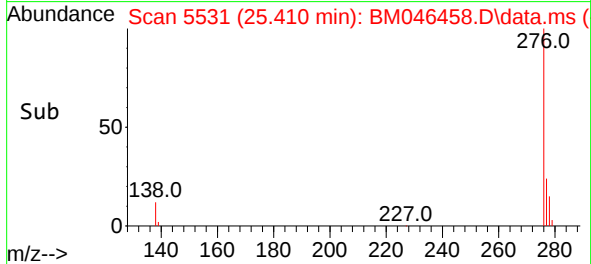
Instrument :
BNA_M
ClientSampleId :
A4CF5DL



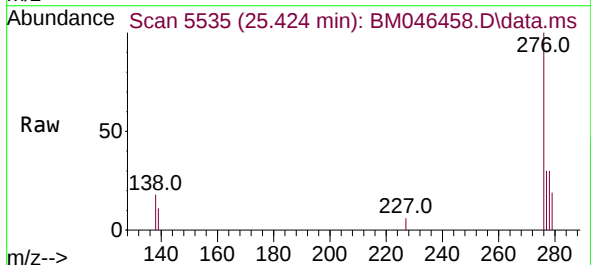
Tgt Ion: 276 Resp: 8819
Ion Ratio Lower Upper
276 100
138 14.1 15.7 23.5#
227 0.4 0.1 0.1#

Manual Integrations
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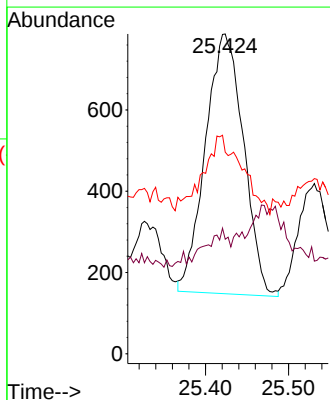
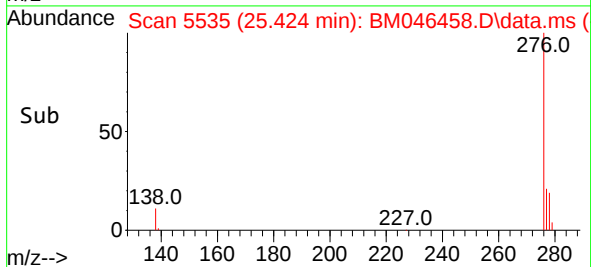
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

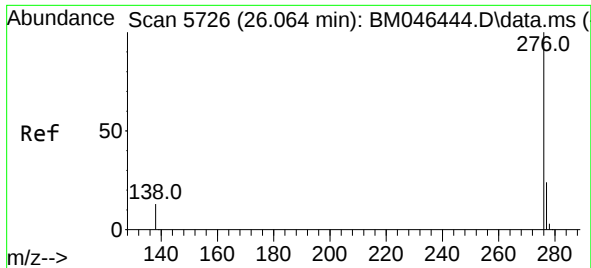


#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 25.424 min Scan# 5535
Delta R.T. -0.050 min
Lab File: BM046458.D
Acq: 09 Jul 2024 04:37



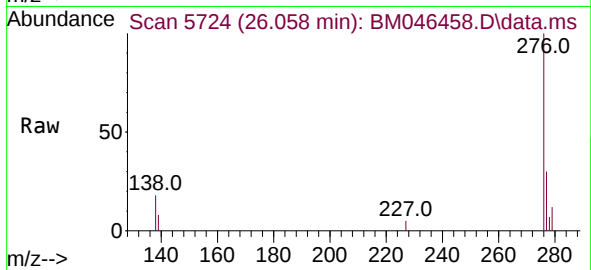
Tgt Ion: 278 Resp: 2039
Ion Ratio Lower Upper
278 100
139 35.8 12.6 18.8#
279 63.0 20.7 31.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.205 ng/ul
 RT: 26.058 min Scan# 51
 Delta R.T. -0.033 min
 Lab File: BM046458.D
 Acq: 09 Jul 2024 04:37

Instrument :
 BNA_M
 ClientSampleId :
 A4CF5DL



Tgt Ion:	276	Resp:	8538
Ion Ratio	Lower	Upper	
276	100		
138	18.2	15.4	23.0
277	29.7	19.7	29.5

Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 07/10/2024

