

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046425.D
 Acq On : 06 Jul 2024 18:51
 Operator : MA/JU
 Sample : P2982-24
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BC8

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 00:50:11 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	7.535	152	11591	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	34404	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.177	164	20324	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188	38275	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	17588	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	17489	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	21641	1.808	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	9390	0.185	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	13314	0.216	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	2080	0.023	ng/ul#	84
10) Acenaphthylene	13.895	152	3252	0.032	ng/ul#	88
15) Phenanthrene	16.971	178	26963	0.235	ng/ul	100
16) Anthracene	17.064	178	5131m	0.046	ng/ul	
19) Fluoranthene	19.001	202	38048	0.428	ng/ul	97
20) Pyrene	19.363	202	30914m	0.338	ng/ul	
21) Benzo(a)anthracene	21.120	228	13147	0.167	ng/ul#	90
22) Chrysene	21.170	228	14581m	0.187	ng/ul	
24) Benzo(b)fluoranthene	22.654	252	16988m	0.228	ng/ul	
25) Benzo(k)fluoranthene	22.695	252	6189m	0.082	ng/ul	
26) Benzo(a)pyrene	23.198	252	10606	0.180	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.430	276	8458	0.107	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.447	278	2117	0.034	ng/ul#	6
29) Benzo(g,h,i)perylene	26.081	276	8469	0.134	ng/ul#	84

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

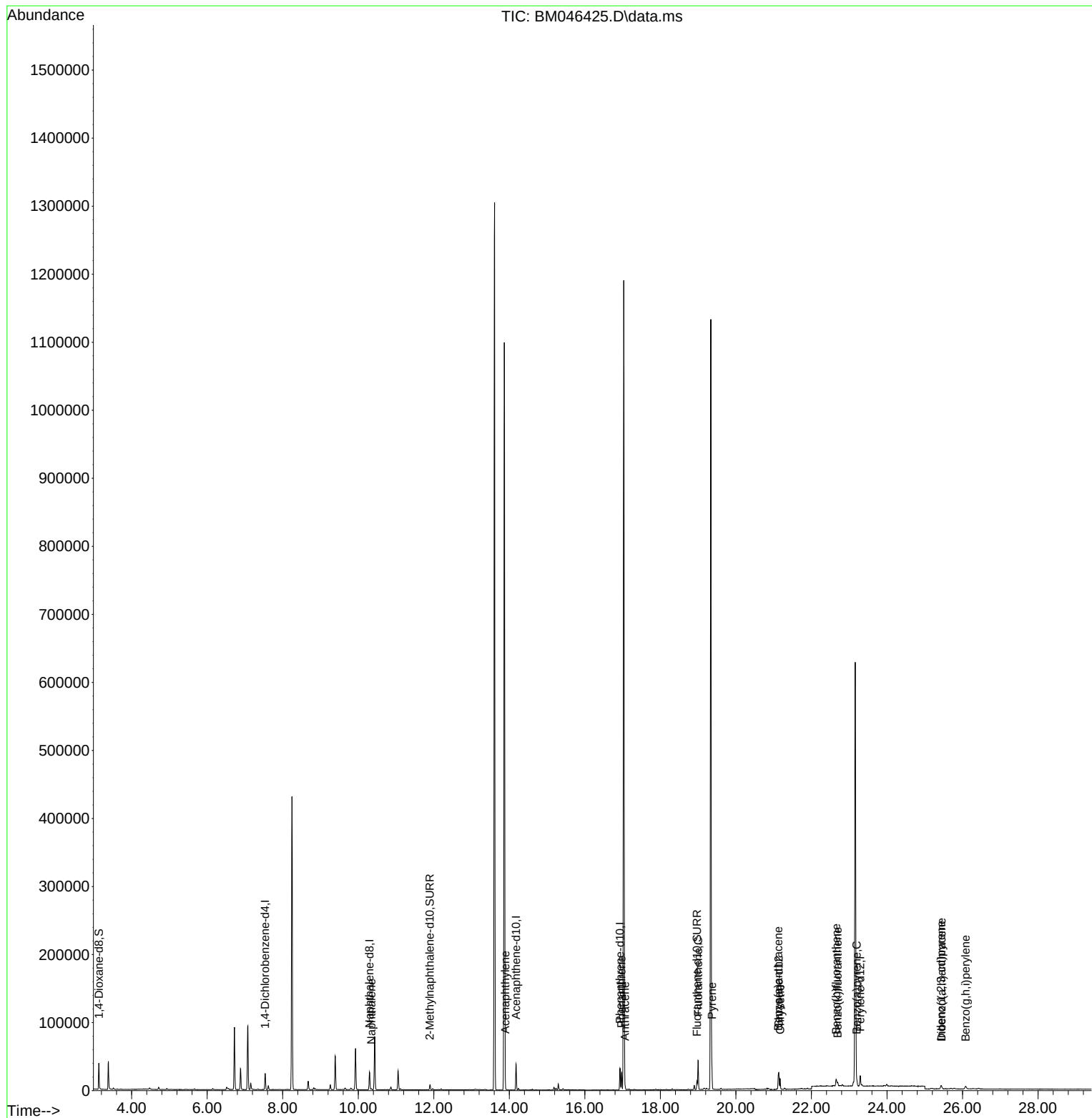
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046425.D
Acq On : 06 Jul 2024 18:51
Operator : MA/JU
Sample : P2982-24
Misc :
ALS Vial : 51 Sample Multiplier: 1

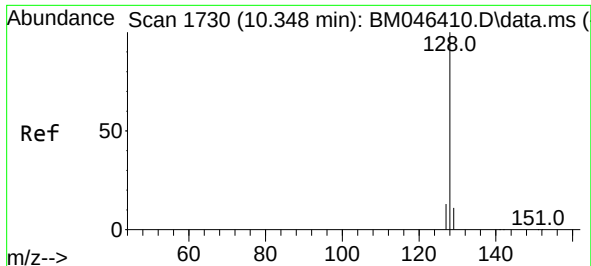
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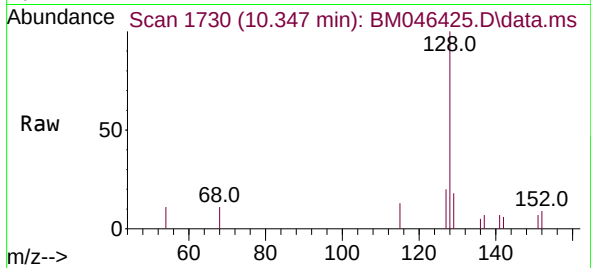
Quant Time: Jul 08 00:50:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
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#5
Naphthalene
Concen: 0.023 ng/u1
RT: 10.347 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

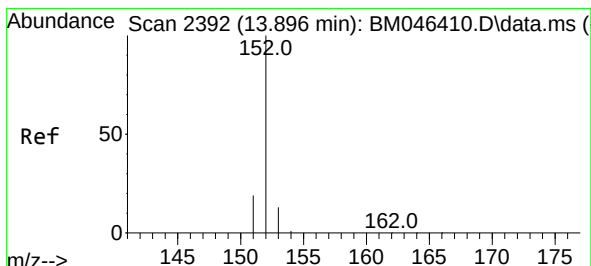
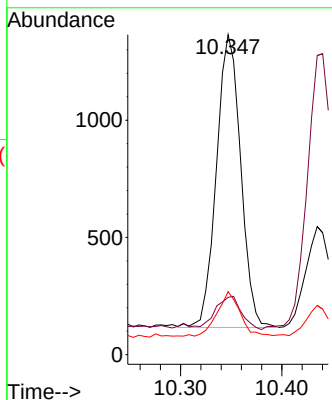
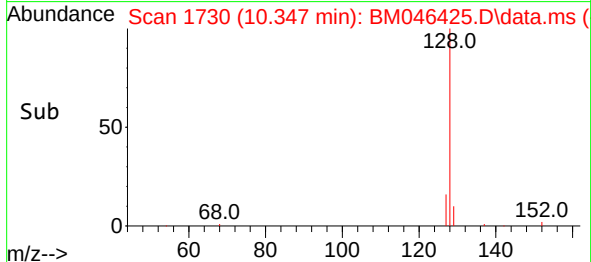
Instrument :
BNA_M
ClientSampleId :
A4BC8



Tgt Ion:128 Resp: 2080
Ion Ratio Lower Upper
128 100
129 17.9 9.4 14.0#
127 19.7 10.8 16.2#

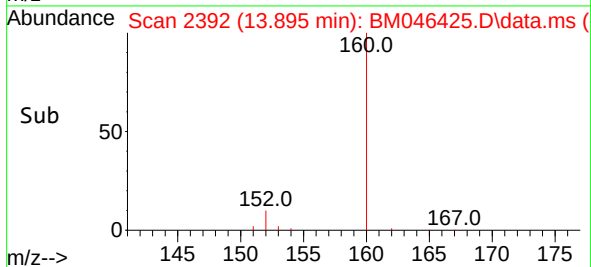
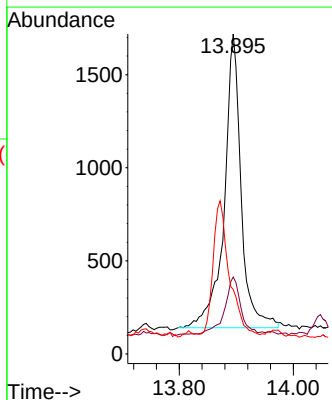
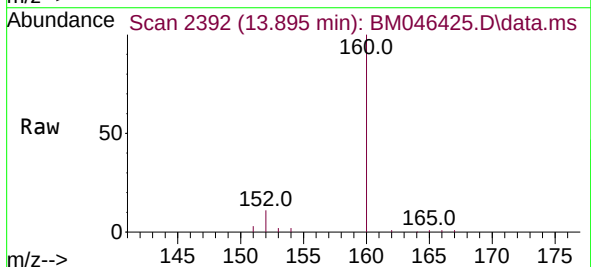
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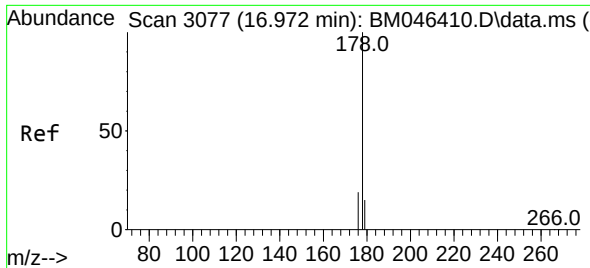
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.032 ng/u1
RT: 13.895 min Scan# 2392
Delta R.T. -0.004 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

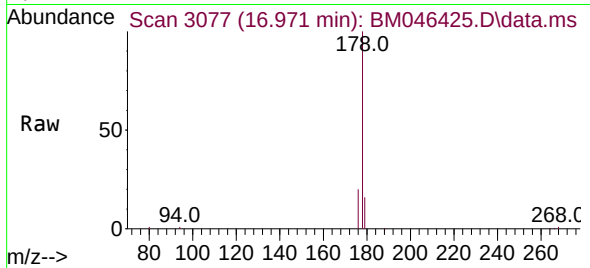
Tgt Ion:152 Resp: 3252
Ion Ratio Lower Upper
152 100
151 24.0 15.9 23.9#
153 20.1 11.0 16.6#





#15
Phenanthrene
Concen: 0.235 ng/ul
RT: 16.971 min Scan# 3077
Delta R.T. -0.004 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

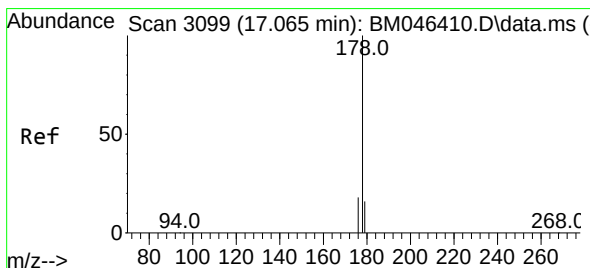
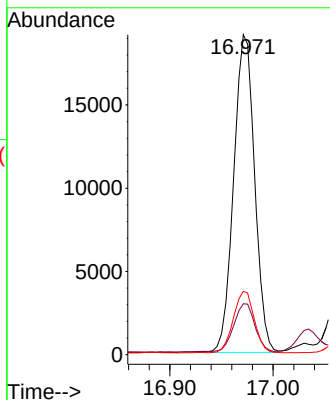
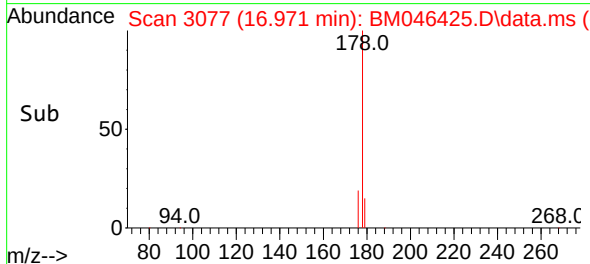
Instrument :
BNA_M
ClientSampleId :
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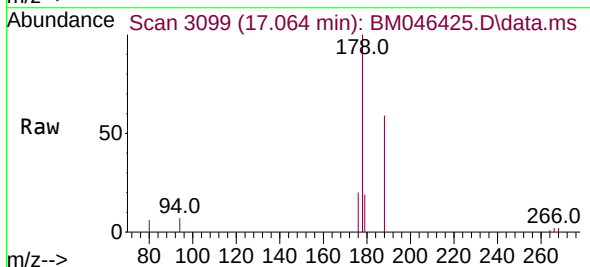
Tgt Ion:178 Resp: 2696
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.8 16.0 24.0

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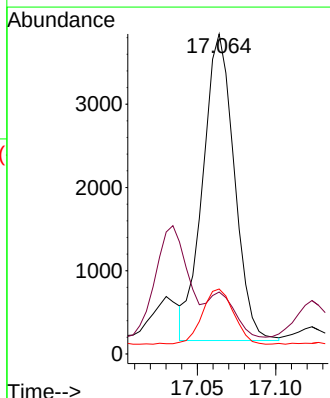
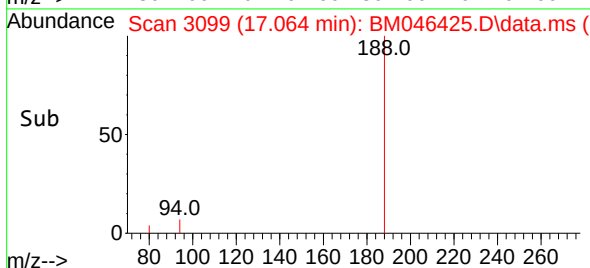
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

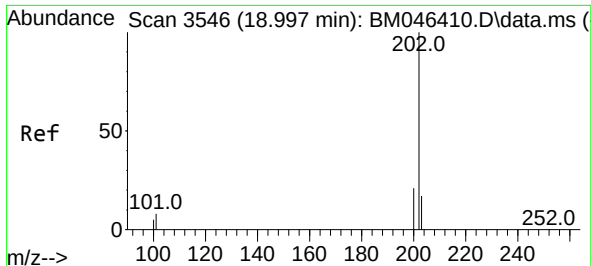


#16
Anthracene
Concen: 0.046 ng/ul m
RT: 17.064 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51



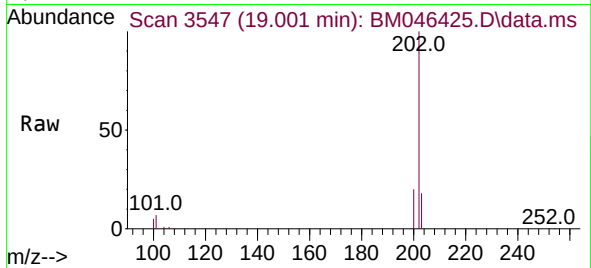
Tgt Ion:178 Resp: 5131
Ion Ratio Lower Upper
178 100
179 19.4 12.6 18.8#
176 20.3 14.9 22.3





#19
Fluoranthene
Concen: 0.428 ng/ul
RT: 19.001 min Scan# 3547
Delta R.T. -0.005 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

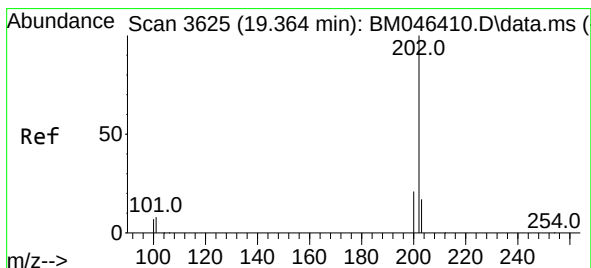
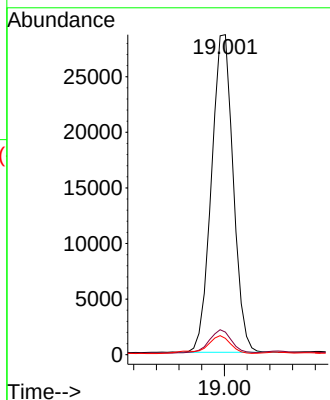
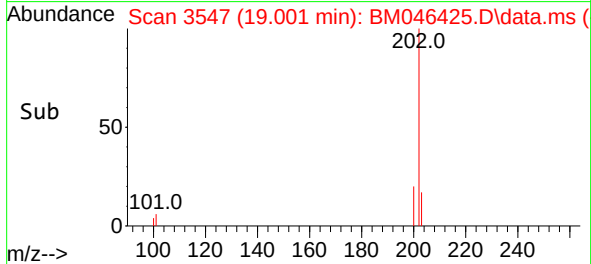
Instrument :
BNA_M
ClientSampleId :
A4BC8



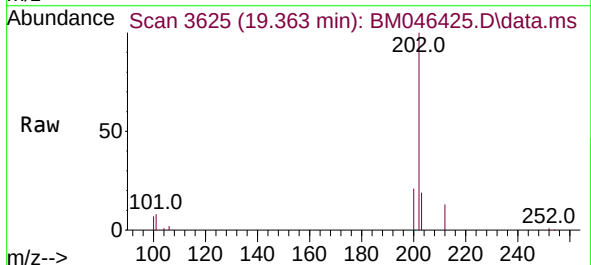
Tgt Ion:202 Resp: 3804
Ion Ratio Lower Upper
202 100
101 7.1 6.3 9.5
100 5.1 5.0 7.6

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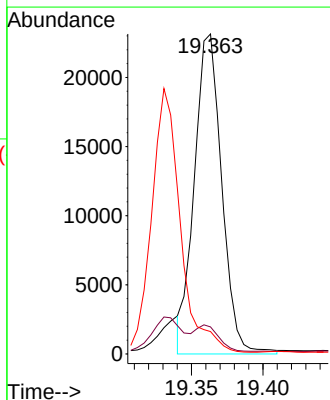
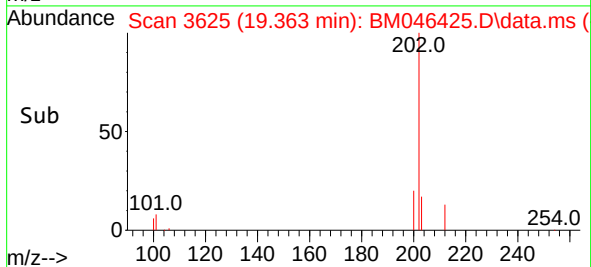
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

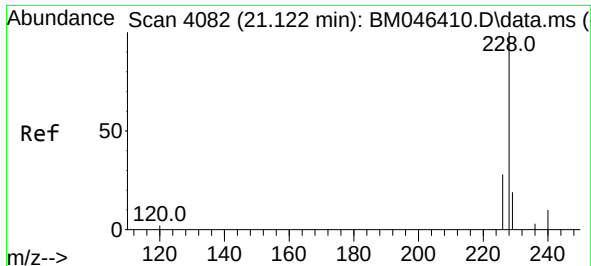


#20
Pyrene
Concen: 0.338 ng/ul m
RT: 19.363 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51



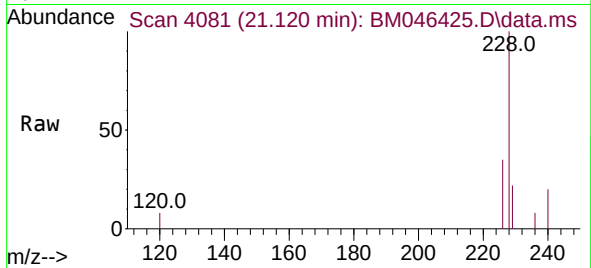
Tgt Ion:202 Resp: 30914
Ion Ratio Lower Upper
202 100
101 8.4 8.2 12.4
100 7.0 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.167 ng/ul
RT: 21.120 min Scan# 4082
Delta R.T. -0.006 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

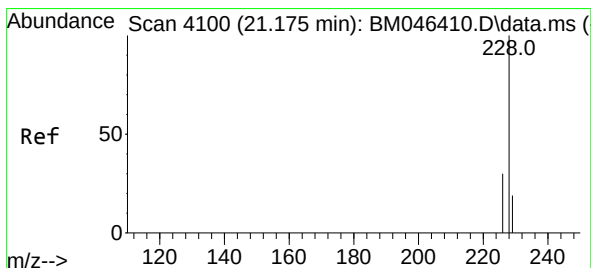
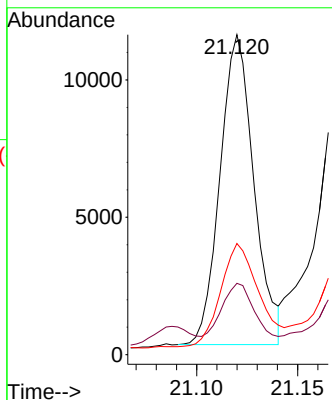
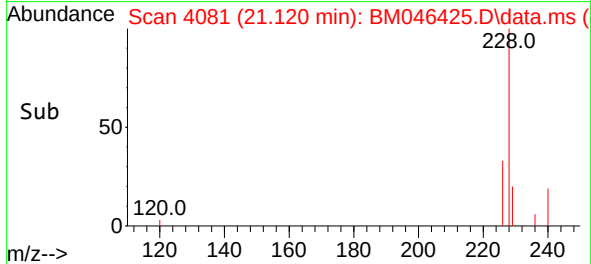
Instrument :
BNA_M
ClientSampleId :
A4BC8



Tgt Ion:228 Resp: 1314
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.6
226 34.8 22.0 33.0

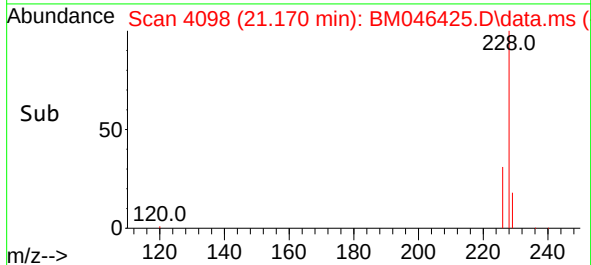
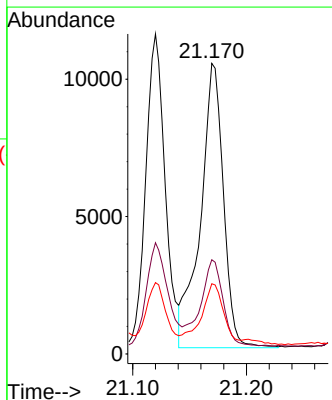
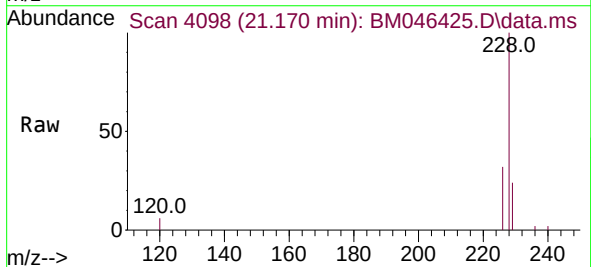
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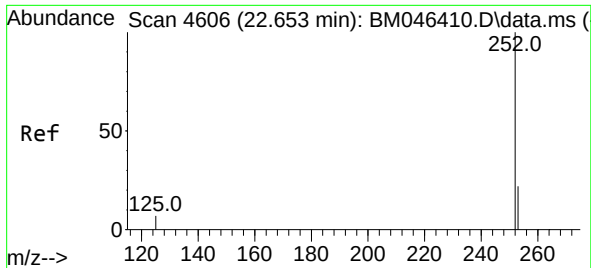
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.187 ng/ul m
RT: 21.170 min Scan# 4098
Delta R.T. -0.009 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

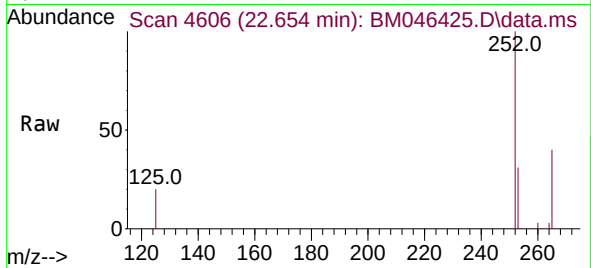
Tgt Ion:228 Resp: 14581
Ion Ratio Lower Upper
228 100
226 32.4 24.1 36.1
229 24.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.228 ng/ul m
RT: 22.654 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

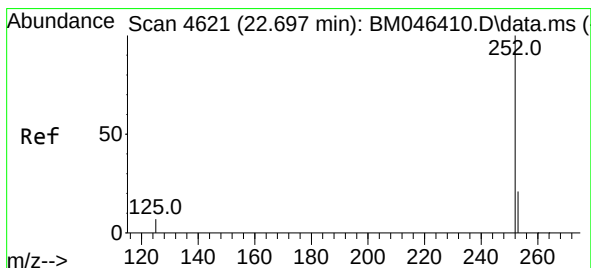
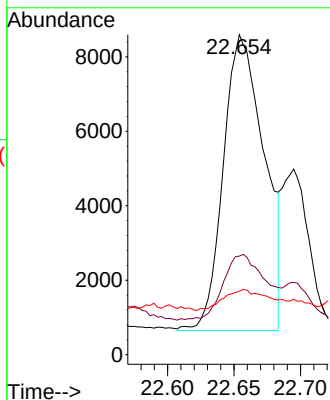
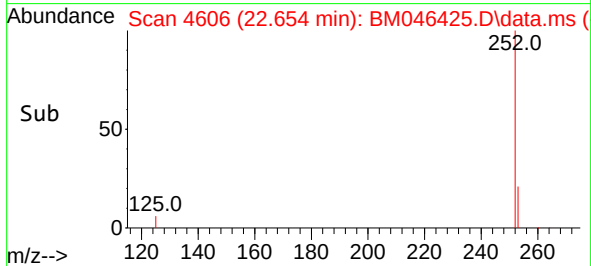
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A4BC8



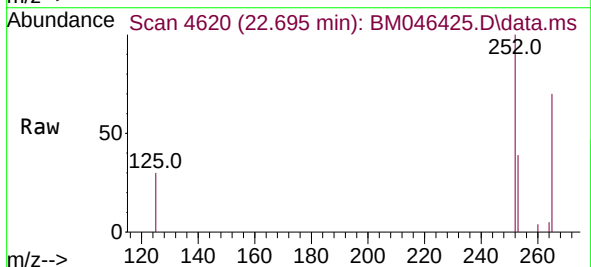
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Ion Ratio Lower Upper
252 100
253 30.8 0.0 47.0
125 19.8 0.0 18.4

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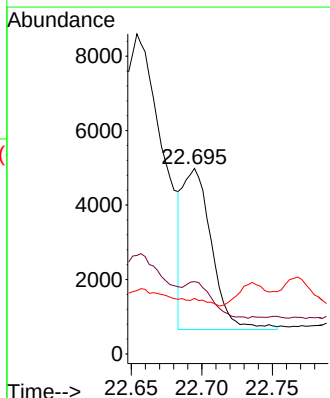
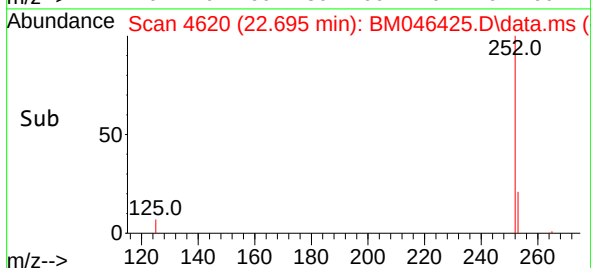
Reviewed By :Yogesh Patel 07/08/2024
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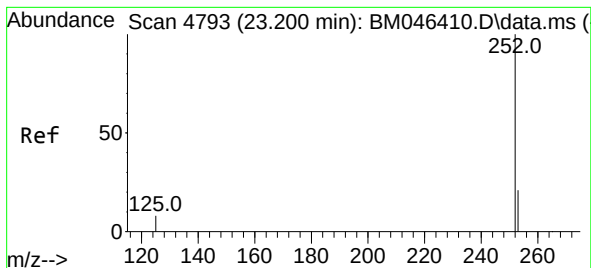


#25
Benzo(k)fluoranthene
Concen: 0.082 ng/ul m
RT: 22.695 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51



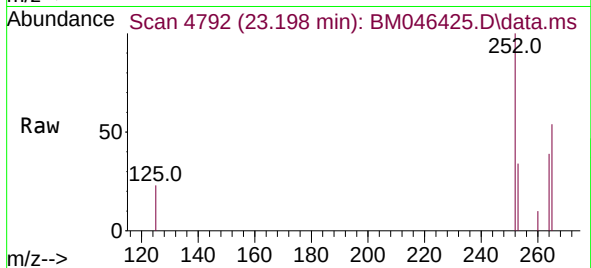
Tgt Ion:252 Resp: 6189
Ion Ratio Lower Upper
252 100
253 39.0 18.4 27.6#
125 29.9 7.5 11.3#





#26
Benzo(a)pyrene
Concen: 0.180 ng/ul
RT: 23.198 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

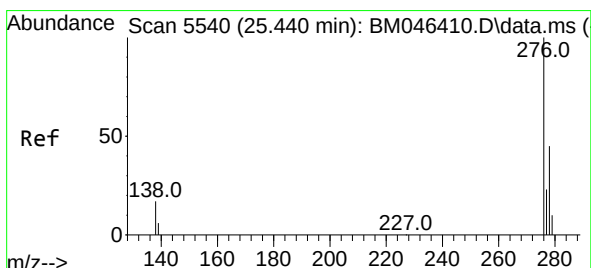
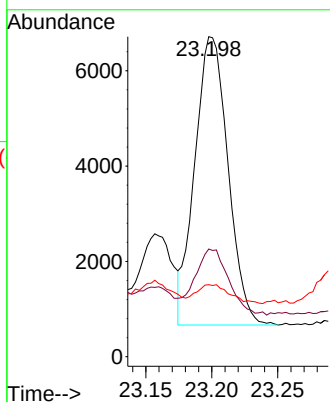
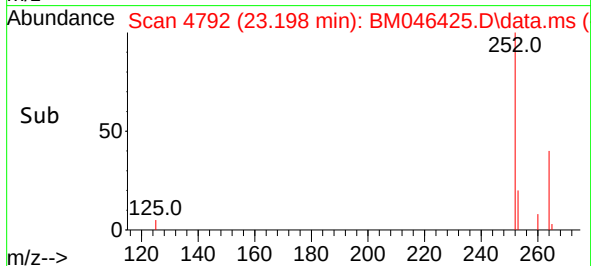
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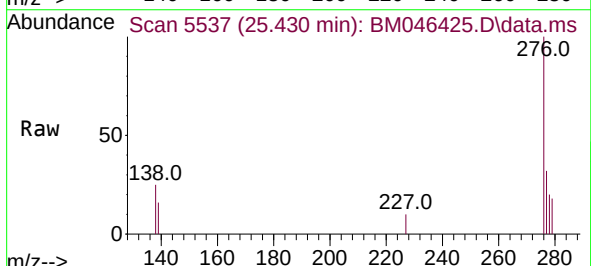
Tgt Ion:252 Resp: 10600
Ion Ratio Lower Upper
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253 33.7 18.9 28.3#
125 22.5 8.1 12.1#

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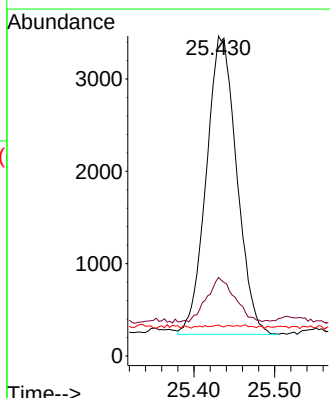
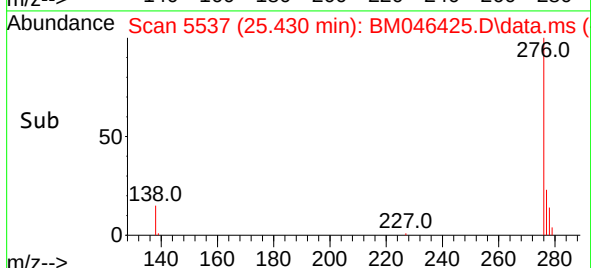
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

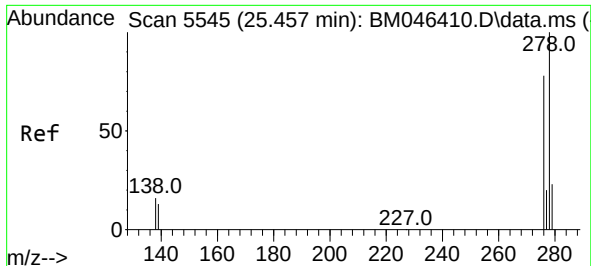


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.107 ng/ul
RT: 25.430 min Scan# 5537
Delta R.T. -0.017 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51



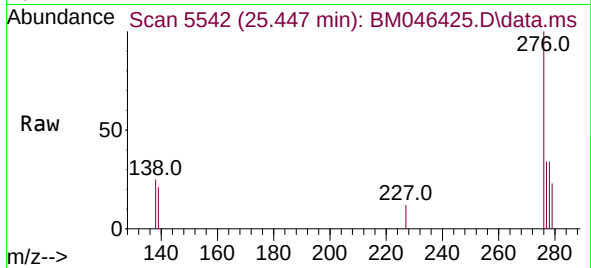
Tgt Ion:276 Resp: 8458
Ion Ratio Lower Upper
276 100
138 14.7 15.7 23.5#
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.447 min Scan# 511
Delta R.T. -0.027 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51

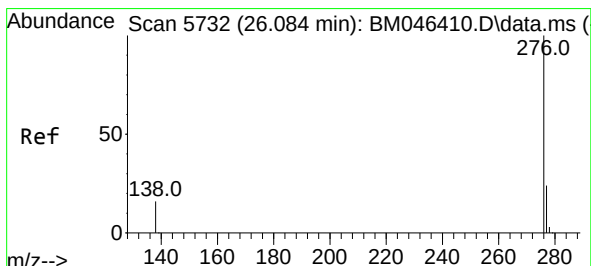
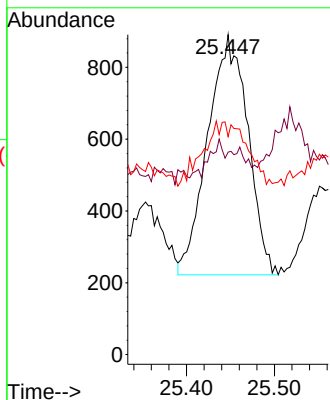
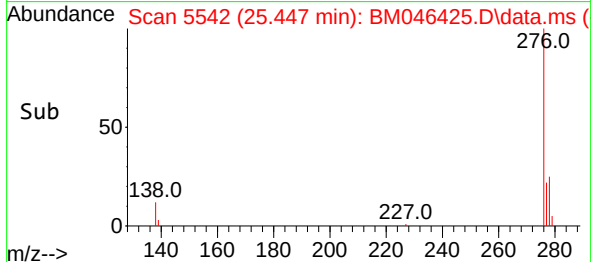
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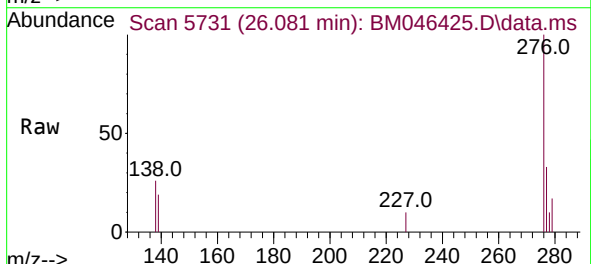
Tgt Ion:278 Resp: 211
Ion Ratio Lower Upper
278 100
139 63.3 12.6 18.8
279 68.1 20.7 31.1

Manual Integrations
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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#29
Benzo(g,h,i)perylene
Concen: 0.134 ng/ul
RT: 26.081 min Scan# 5731
Delta R.T. -0.010 min
Lab File: BM046425.D
Acq: 06 Jul 2024 18:51



Tgt Ion:276 Resp: 8469
Ion Ratio Lower Upper
276 100
138 26.4 15.4 23.0#
277 33.1 19.7 29.5#

