

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045536.D
 Acq On : 24 Apr 2024 20:42
 Operator : MA/JU
 Sample : P2164-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S90

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 23:50:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	924	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	2714	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1555	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	3337m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.190	240	2921	0.400	ng/ul	# 0.00
23) Perylene-d12	23.379	264	3321m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4692	3.788	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	998	0.279	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	2211	0.240	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.363	128	185	0.025	ng/ul#	47
7) 2-Methylnaphthalene	12.008	142	125	0.030	ng/ul	97
8) 1-Methylnaphthalene	12.222	142	117	0.025	ng/ul	92
10) Acenaphthylene	13.918	152	407	0.053	ng/ul#	64
12) Fluorene	15.260	166	149	0.024	ng/ul#	89
15) Phenanthrene	17.001	178	3521	0.362	ng/ul	97
16) Anthracene	17.094	178	674	0.074	ng/ul#	87
19) Fluoranthene	19.038	202	7562	0.561	ng/ul#	93
20) Pyrene	19.401	202	7970	0.575	ng/ul#	94
21) Benzo(a)anthracene	21.176	228	2944	0.315	ng/ul	99
22) Chrysene	21.225	228	3580	0.249	ng/ul	98
24) Benzo(b)fluoranthene	22.721	252	5312m	0.476	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	1662m	0.118	ng/ul	
26) Benzo(a)pyrene	23.274	252	3394	0.293	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.575	276	2901	0.172	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.592	278	635	0.048	ng/ul#	39
29) Benzo(g,h,i)perylene	26.242	276	2935	0.194	ng/ul	96

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

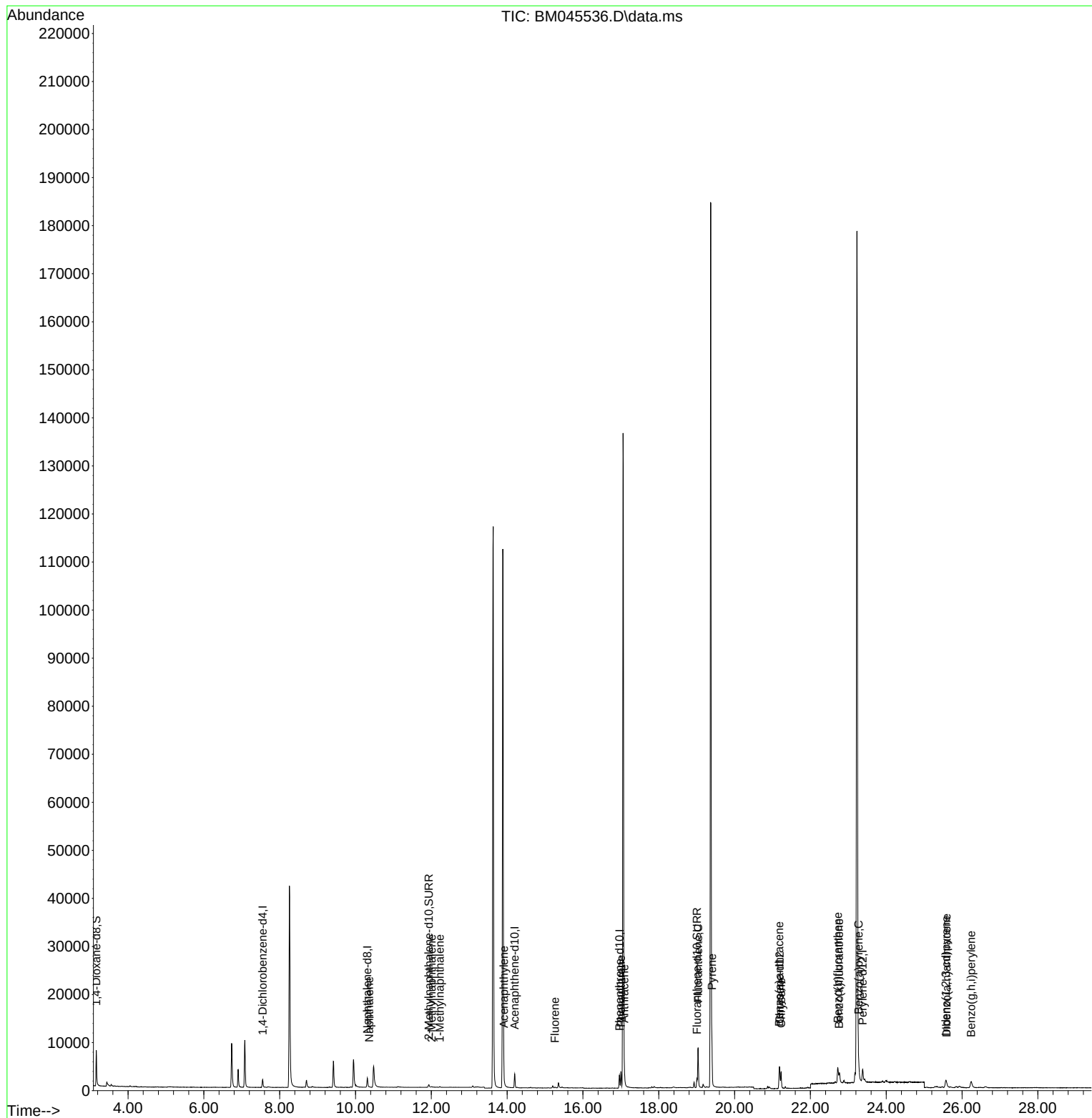
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045536.D
Acq On : 24 Apr 2024 20:42
Operator : MA/JU
Sample : P2164-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

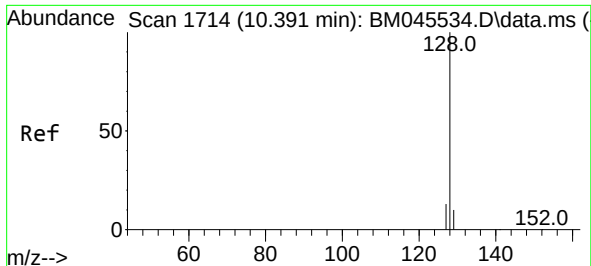
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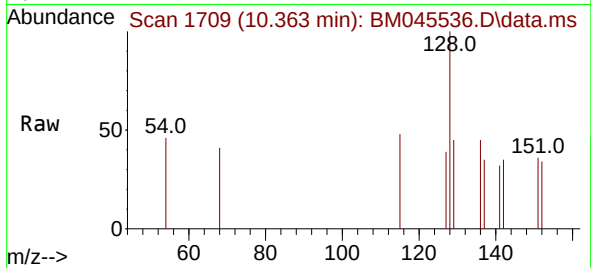
Quant Time: Apr 24 23:50:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.363 min Scan# 1714
Delta R.T. -0.016 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

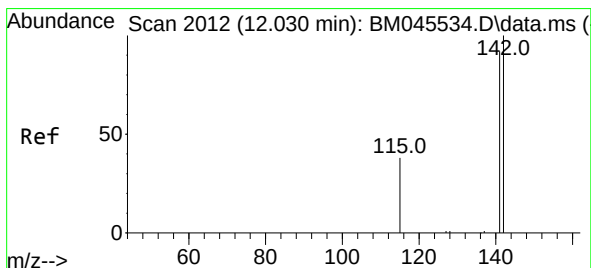
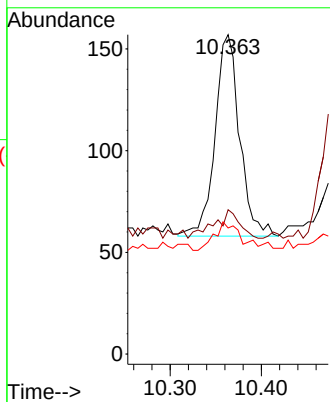
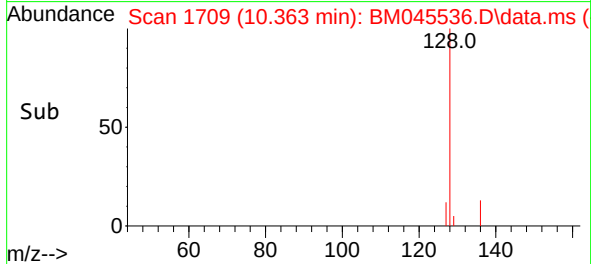
Instrument :
BNA_M
ClientSampleId :
C0S90



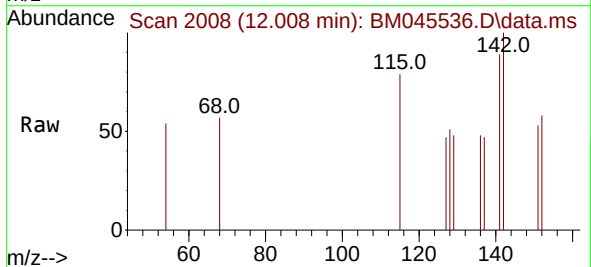
Tgt Ion:128 Resp: 185
Ion Ratio Lower Upper
128 100
129 45.2 14.0 21.0
127 39.5 15.4 23.2

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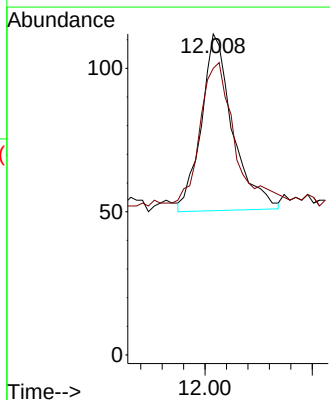
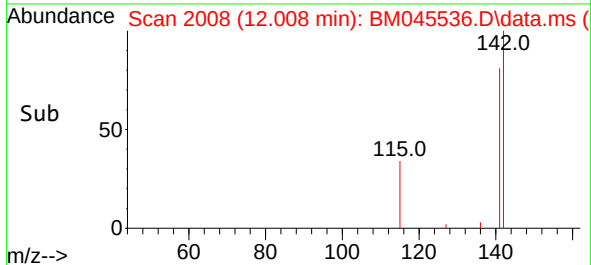
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

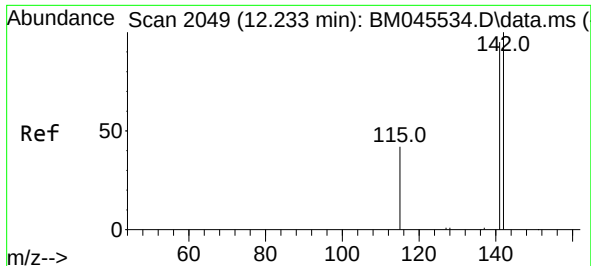


#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.008 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42



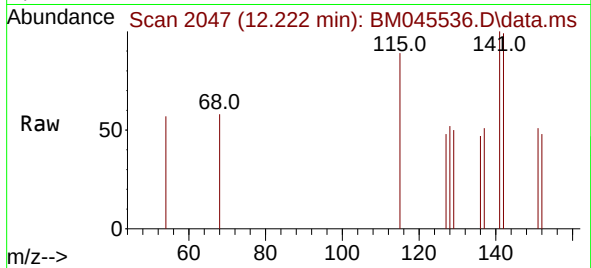
Tgt Ion:142 Resp: 125
Ion Ratio Lower Upper
142 100
141 90.4 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

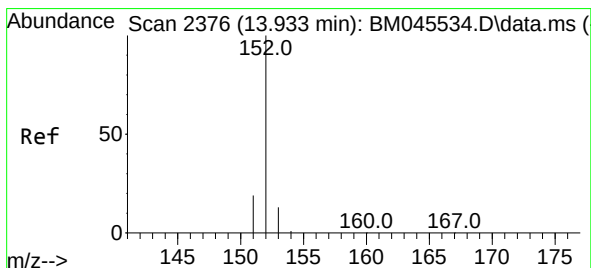
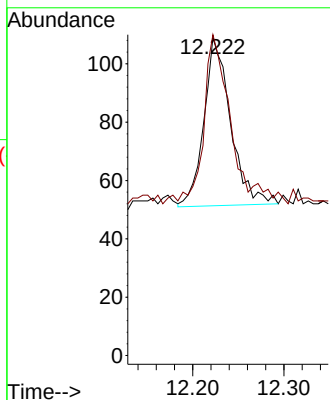
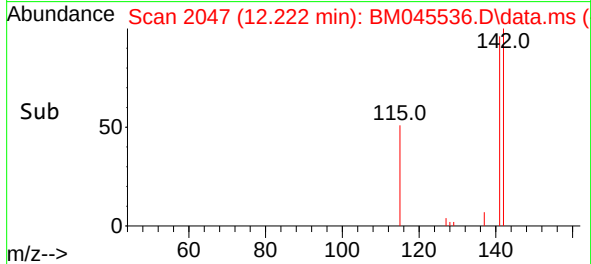
Instrument :
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ClientSampleId :
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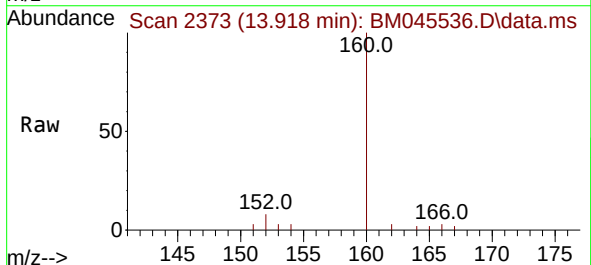
Tgt Ion:142 Resp: 111
Ion Ratio Lower Upper
142 100
141 102.6 76.1 114.1

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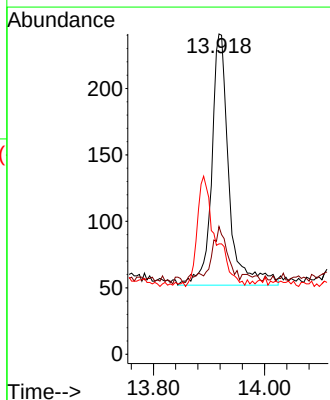
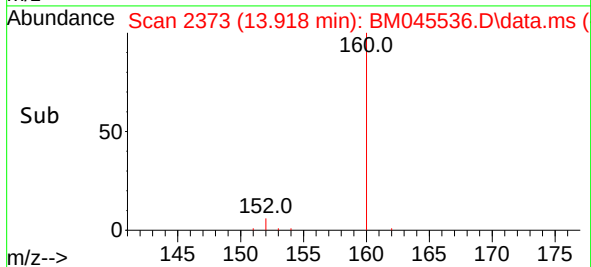
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

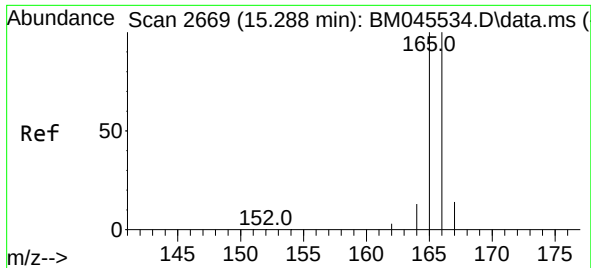


#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 13.918 min Scan# 2373
Delta R.T. -0.009 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42



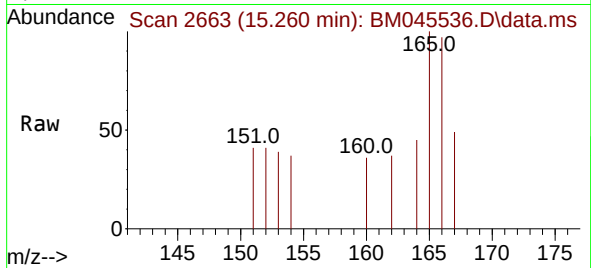
Tgt Ion:152 Resp: 407
Ion Ratio Lower Upper
152 100
151 39.8 18.6 28.0#
153 34.4 14.1 21.1#





#12
Fluorene
Concen: 0.024 ng/u1
RT: 15.260 min Scan# 2063
Delta R.T. -0.018 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

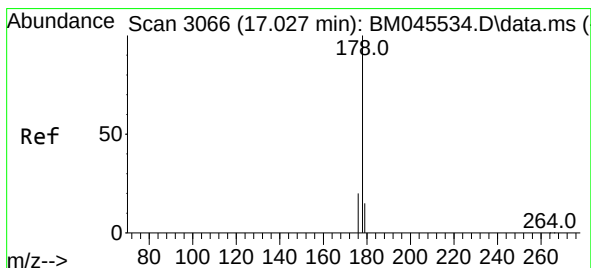
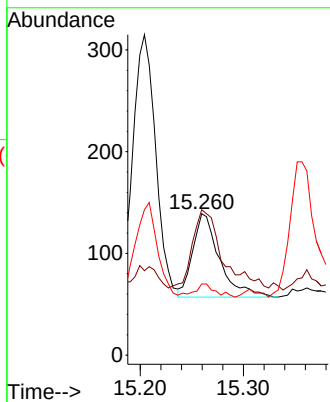
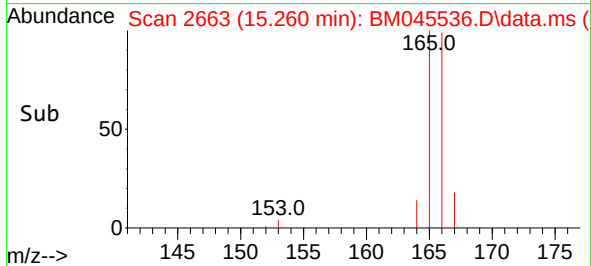
Instrument :
BNA_M
ClientSampleId :
COS90



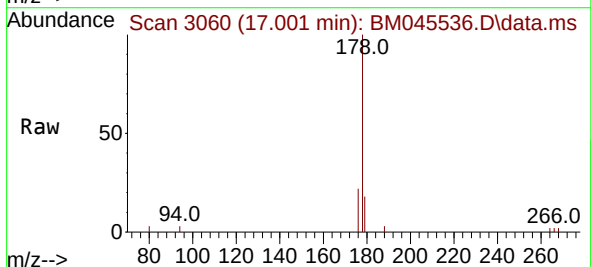
Tgt Ion:166 Resp: 149
Ion Ratio Lower Upper
166 100
165 102.9 82.2 123.2
167 50.4 14.8 22.2

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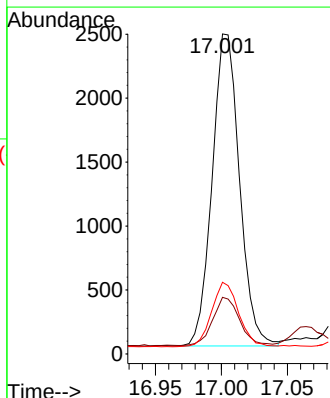
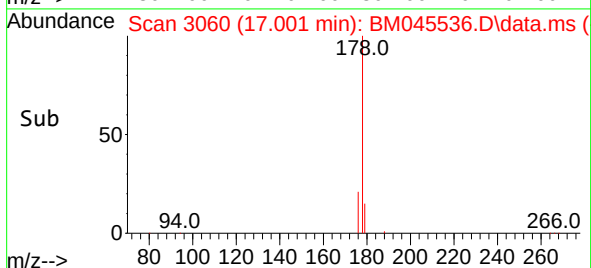
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

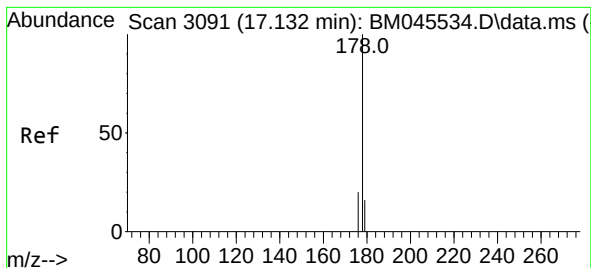


#15
Phenanthrene
Concen: 0.362 ng/u1
RT: 17.001 min Scan# 3060
Delta R.T. -0.021 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42



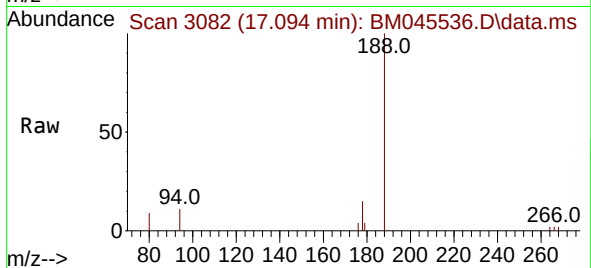
Tgt Ion:178 Resp: 3521
Ion Ratio Lower Upper
178 100
179 17.7 15.4 23.2
176 22.4 19.0 28.4





#16
Anthracene
Concen: 0.074 ng/ul
RT: 17.094 min Scan# 3091
Delta R.T. -0.025 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

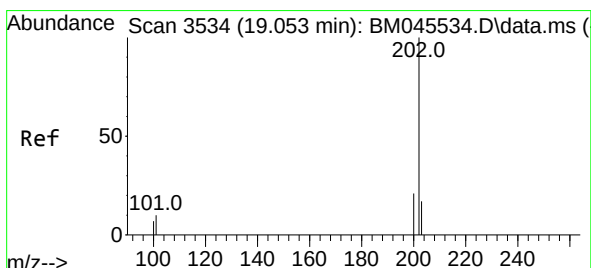
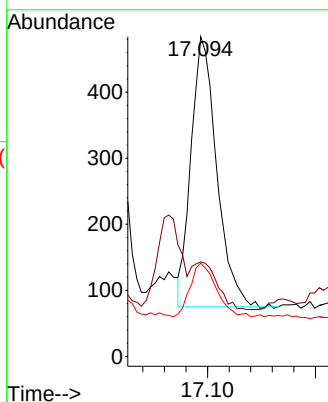
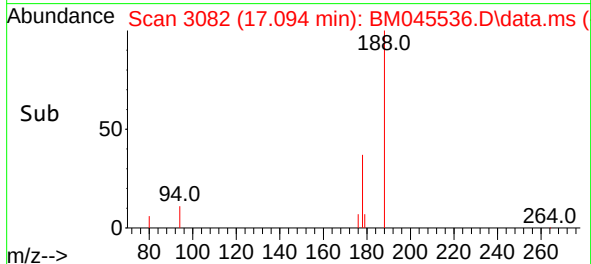
Instrument :
BNA_M
ClientSampleId :
COS90



Tgt Ion:178 Resp: 674
Ion Ratio Lower Upper
178 100
179 29.5 17.8 26.6#
176 29.1 18.7 28.1#

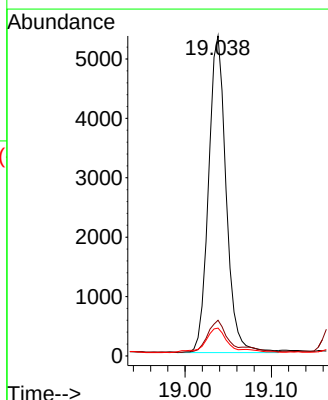
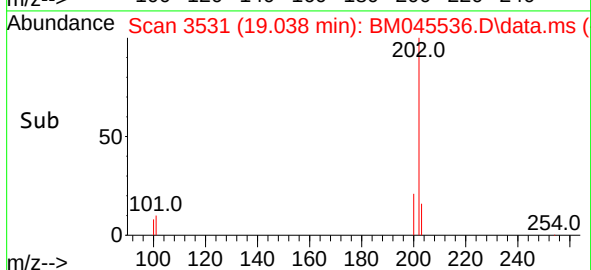
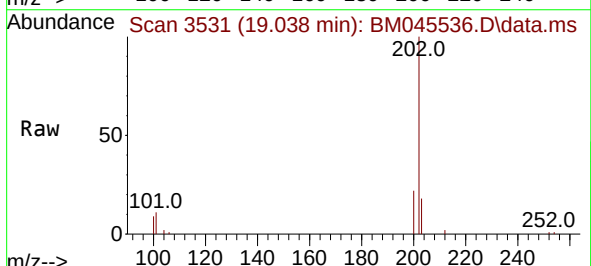
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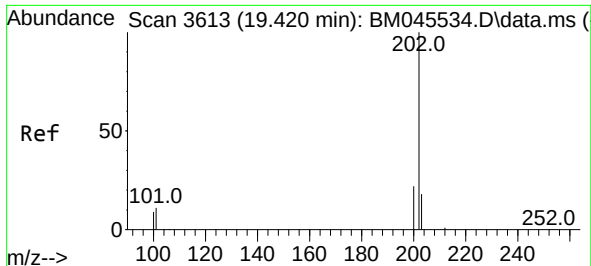
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#19
Fluoranthene
Concen: 0.561 ng/ul
RT: 19.038 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

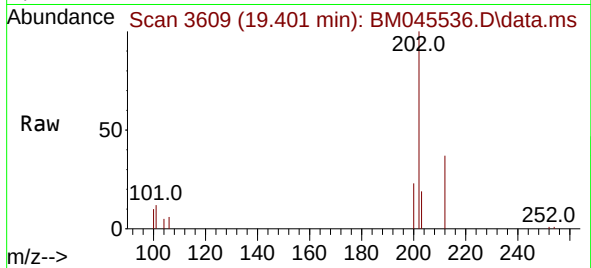
Tgt Ion:202 Resp: 7562
Ion Ratio Lower Upper
202 100
101 11.1 11.2 16.8#
100 8.7 9.1 13.7#





#20
Pyrene
Concen: 0.575 ng/u1
RT: 19.401 min Scan# 3609
Delta R.T. -0.014 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

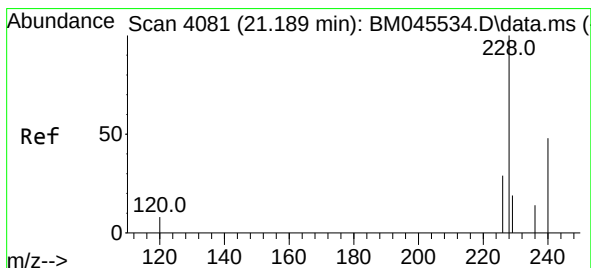
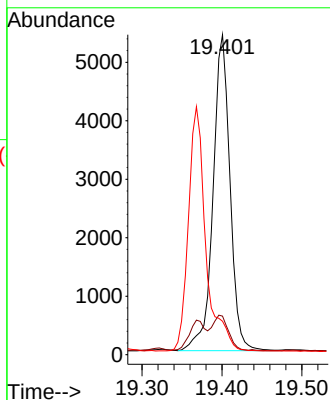
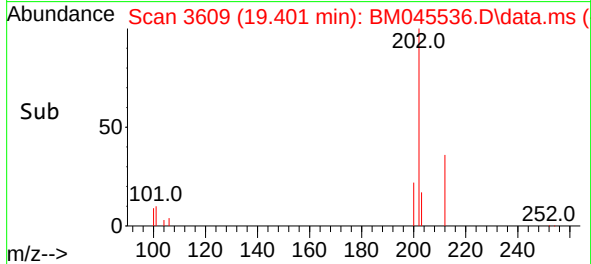
Instrument :
BNA_M
ClientSampleId :
C0S90



Tgt Ion:202 Resp: 7970
Ion Ratio Lower Upper
202 100
101 12.0 11.5 17.3
100 10.4 10.6 15.8

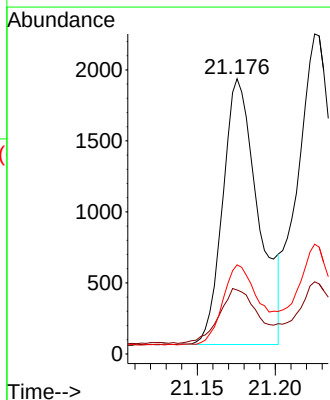
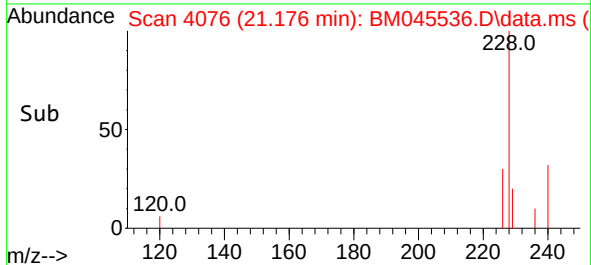
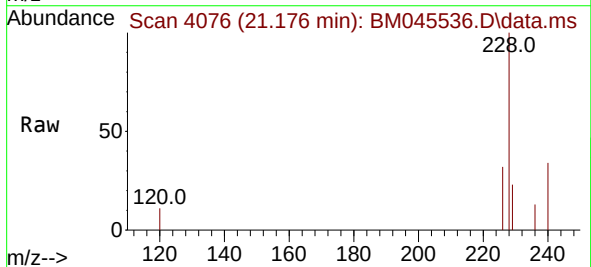
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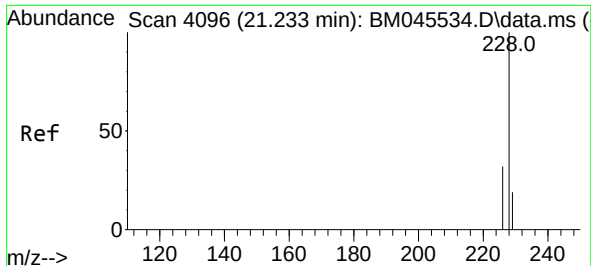
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#21
Benzo(a)anthracene
Concen: 0.315 ng/u1
RT: 21.176 min Scan# 4076
Delta R.T. -0.006 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

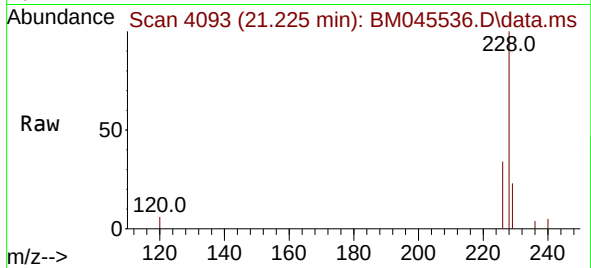
Tgt Ion:228 Resp: 2944
Ion Ratio Lower Upper
228 100
229 23.2 19.4 29.2
226 32.4 26.3 39.5





#22
Chrysene
Concen: 0.249 ng/ul
RT: 21.225 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

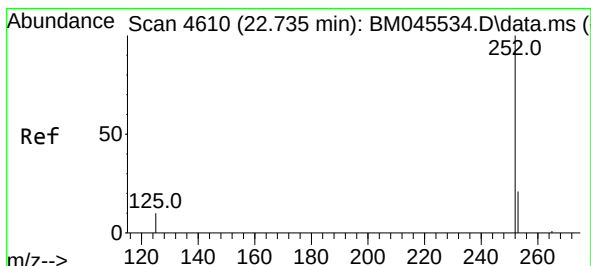
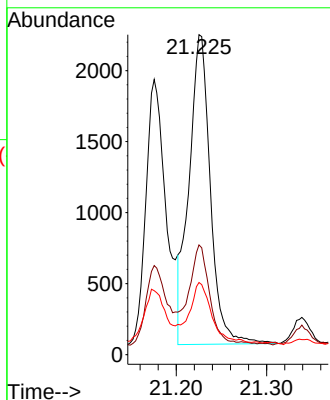
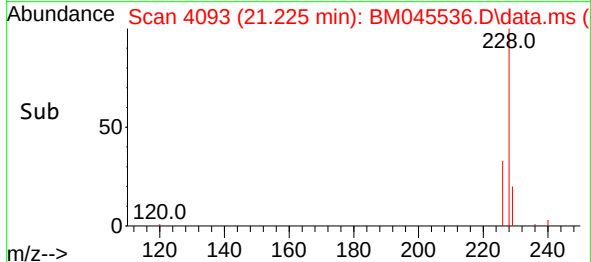
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Tgt Ion:228 Resp: 3580
Ion Ratio Lower Upper
228 100
226 34.3 26.3 39.5
229 22.5 17.8 26.8

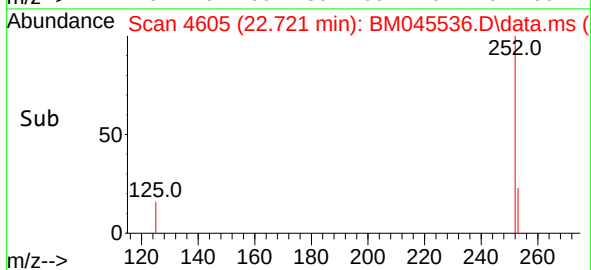
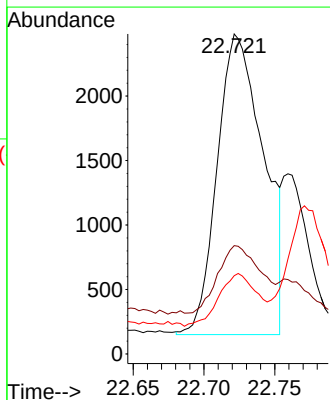
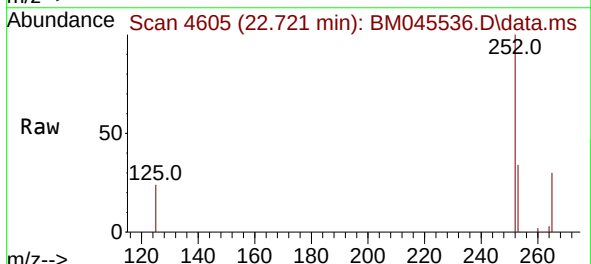
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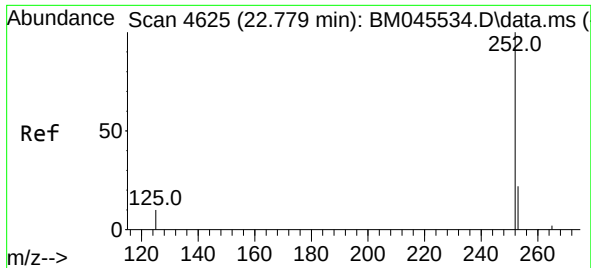
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.476 ng/ul m
RT: 22.721 min Scan# 4605
Delta R.T. -0.009 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

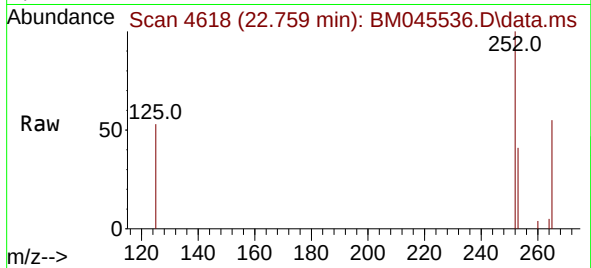
Tgt Ion:252 Resp: 5312
Ion Ratio Lower Upper
252 100
253 33.9 0.0 63.4
125 24.5 0.0 36.8





#25
Benzo(k)fluoranthene
Concen: 0.118 ng/ul m
RT: 22.759 min Scan# 4618
Delta R.T. -0.012 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

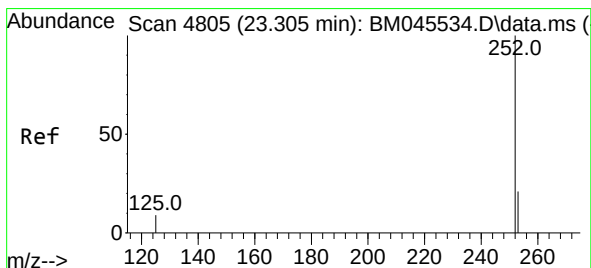
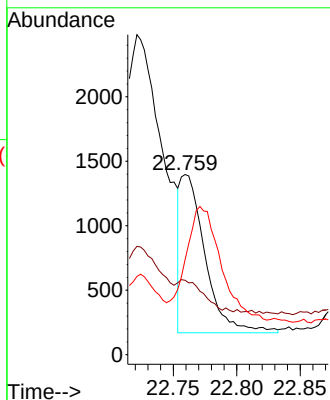
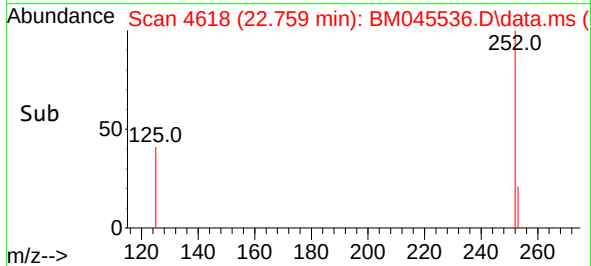
Instrument :
BNA_M
ClientSampleId :
C0S90



Tgt Ion:252 Resp: 1662
Ion Ratio Lower Upper
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253 41.3 25.4 38.0
125 52.7 14.8 22.2

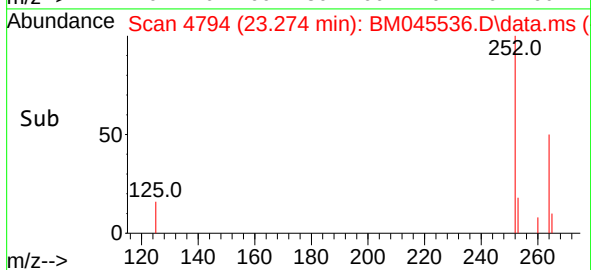
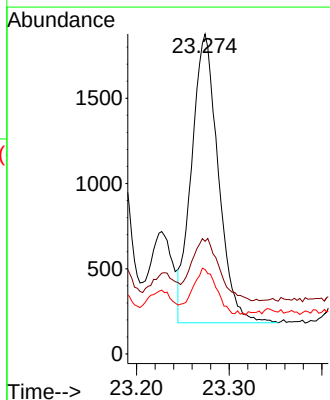
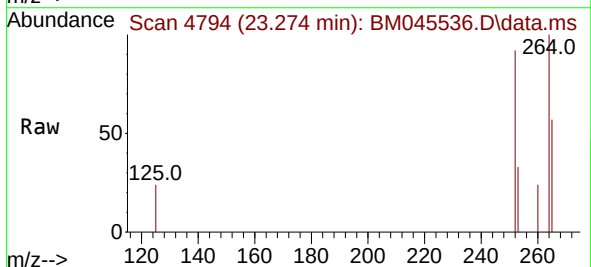
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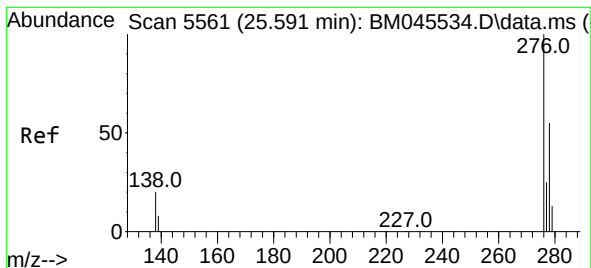
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#26
Benzo(a)pyrene
Concen: 0.293 ng/ul
RT: 23.274 min Scan# 4794
Delta R.T. -0.018 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

Tgt Ion:252 Resp: 3394
Ion Ratio Lower Upper
252 100
253 35.2 31.6 47.4
125 26.4 19.5 29.3





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.172 ng/ul

RT: 25.575 min Scan# 5556

Delta R.T. 0.003 min

Lab File: BM045536.D

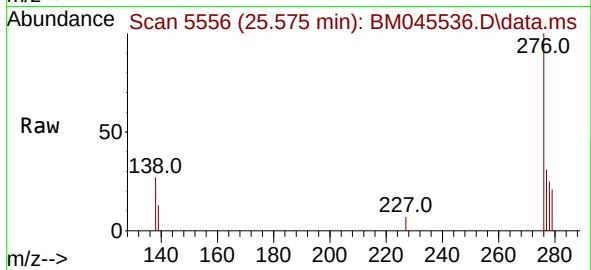
Acq: 24 Apr 2024 20:42

Instrument :

BNA_M

ClientSampleId :

COS90



Tgt Ion:276 Resp: 290

Ion Ratio Lower Upper

276 100

138 21.6 19.8 29.6

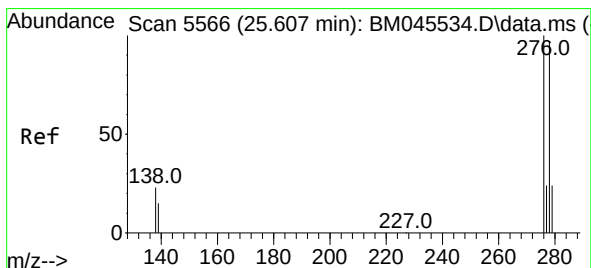
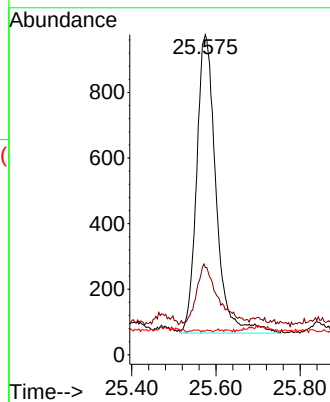
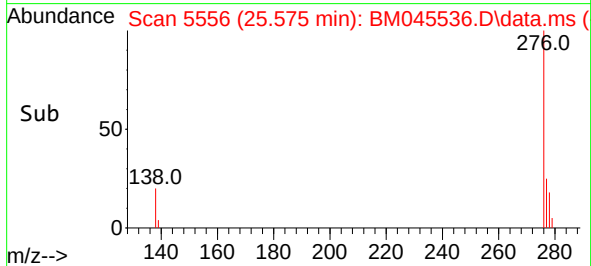
227 0.2 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/25/2024

Supervised By :mohammad ahmed 04/27/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.048 ng/ul

RT: 25.592 min Scan# 5561

Delta R.T. 0.003 min

Lab File: BM045536.D

Acq: 24 Apr 2024 20:42

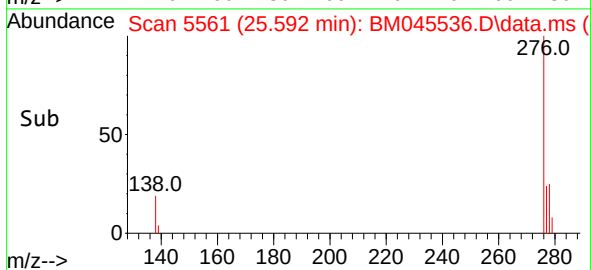
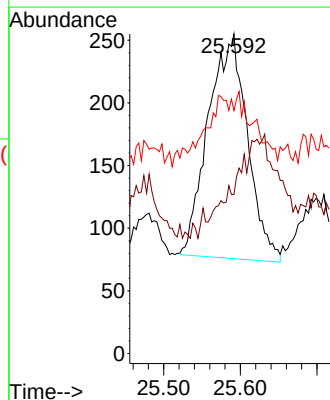
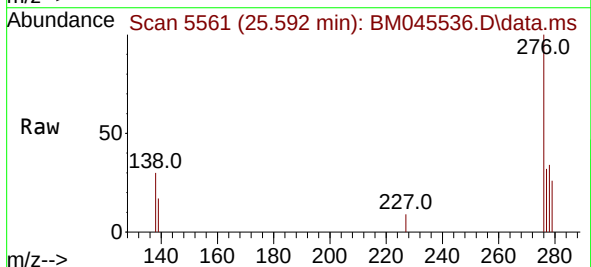
Tgt Ion:278 Resp: 635

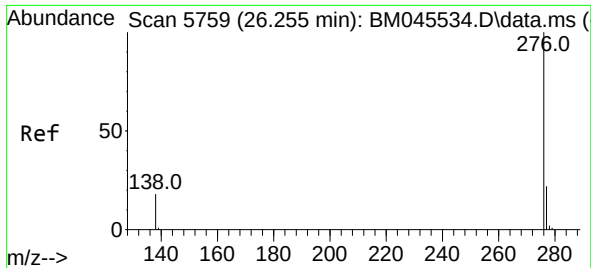
Ion Ratio Lower Upper

278 100

139 49.8 19.0 28.6#

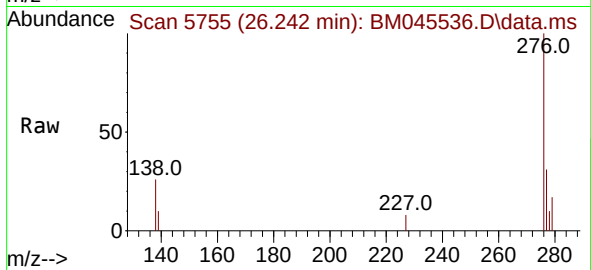
279 76.1 29.4 44.2#





#29
Benzo(g,h,i)perylene
Concen: 0.194 ng/ul
RT: 26.242 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM045536.D
Acq: 24 Apr 2024 20:42

Instrument :
BNA_M
ClientSampleId :
C0S90



Tgt Ion:276 Resp: 2935
Ion Ratio Lower Upper
276 100
138 25.6 20.8 31.2
277 30.7 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

