

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045531.D
 Acq On : 24 Apr 2024 16:56
 Operator : MA/JU
 Sample : P2164-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0SA0

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 17:36:09 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	1003	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	2971	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1649	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	3556m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.199	240	3225	0.400	ng/ul	# 0.00
23) Perylene-d12	23.388	264	3549m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4779	3.555	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.936	152	972	0.248	ng/ul	0.00
18) Fluoranthene-d10	19.010	212	2141	0.211	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.923	152	254	0.031	ng/ul#	47
15) Phenanthrene	17.005	178	989	0.095	ng/ul	94
19) Fluoranthene	19.038	202	2013	0.135	ng/ul	99
20) Pyrene	19.400	202	2318m	0.152	ng/ul	
21) Benzo(a)anthracene	21.190	228	812	0.079	ng/ul#	89
22) Chrysene	21.237	228	1148	0.072	ng/ul#	90
24) Benzo(b)fluoranthene	22.727	252	1564m	0.131	ng/ul	
25) Benzo(k)fluoranthene	22.762	252	685m	0.045	ng/ul	
26) Benzo(a)pyrene	23.279	252	1078	0.087	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	25.608	276	1024	0.057	ng/ul#	85
29) Benzo(g,h,i)perylene	26.262	276	1070	0.066	ng/ul#	74

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

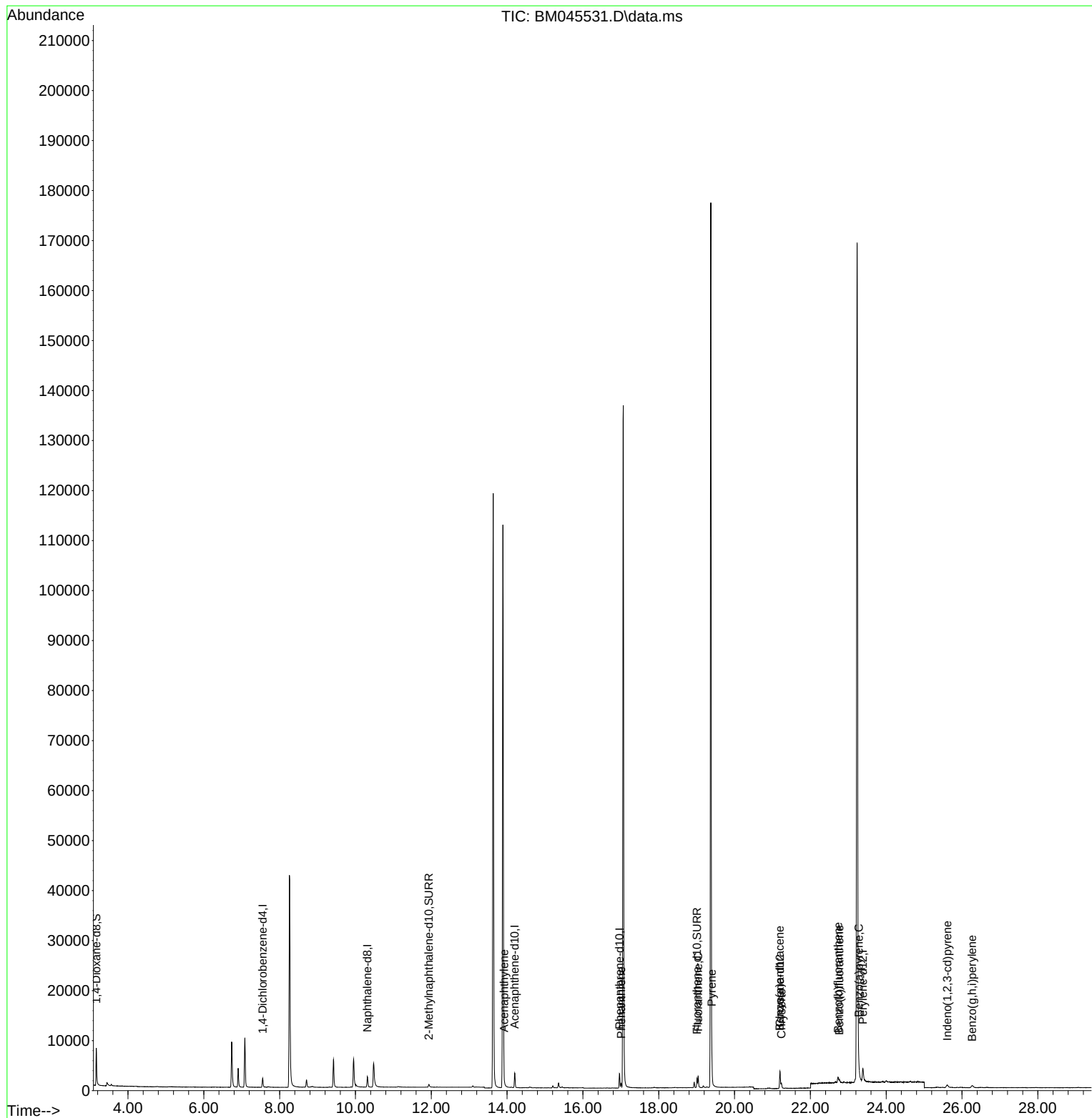
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045531.D
Acq On : 24 Apr 2024 16:56
Operator : MA/JU
Sample : P2164-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

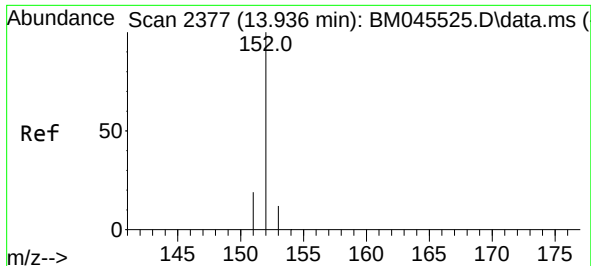
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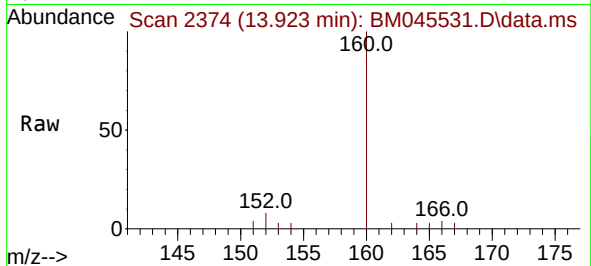
Quant Time: Apr 24 17:36:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#10
Acenaphthylene
Concen: 0.031 ng/u1
RT: 13.923 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045531.D
Acq: 24 Apr 2024 16:56

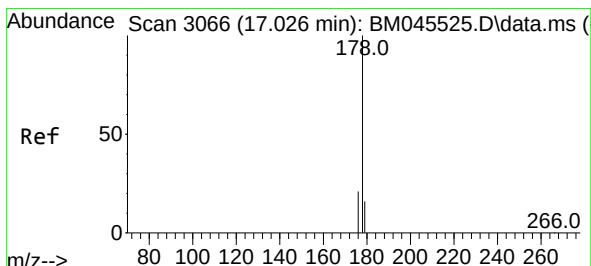
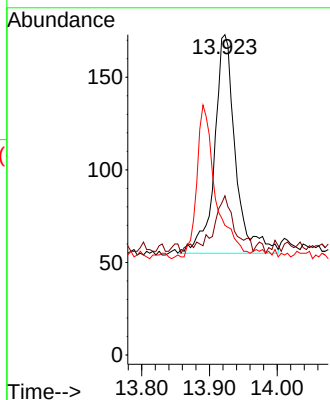
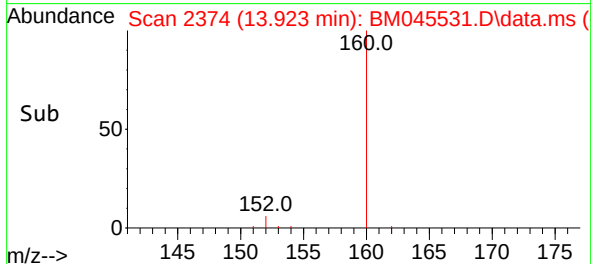
Instrument :
BNA_M
ClientSampleId :
C0SA0



Tgt Ion:152 Resp: 254
Ion Ratio Lower Upper
152 100
151 49.7 18.6 28.0
153 40.5 14.1 21.1

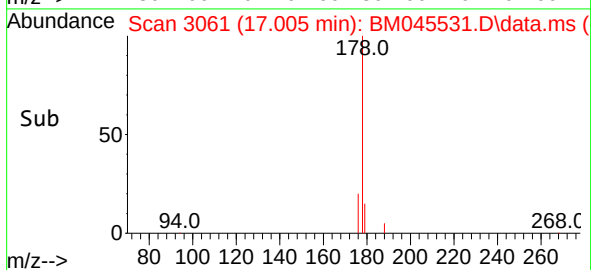
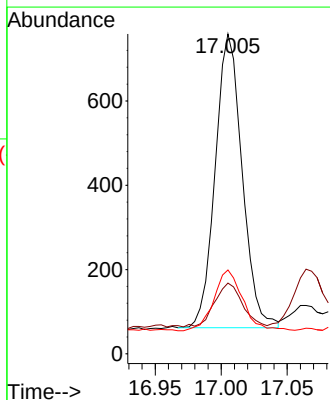
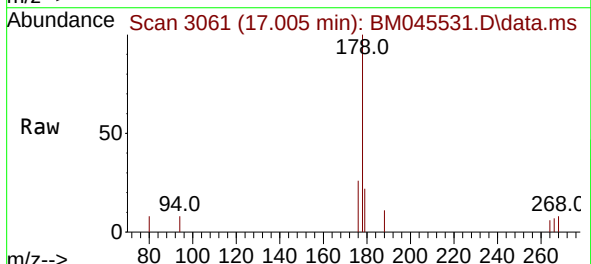
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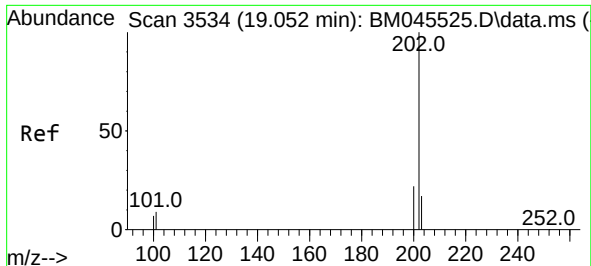
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#15
Phenanthrene
Concen: 0.095 ng/u1
RT: 17.005 min Scan# 3061
Delta R.T. -0.017 min
Lab File: BM045531.D
Acq: 24 Apr 2024 16:56

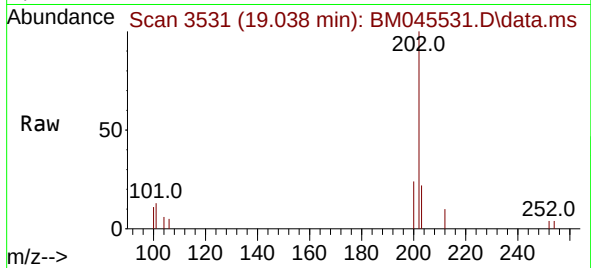
Tgt Ion:178 Resp: 989
Ion Ratio Lower Upper
178 100
179 22.1 15.4 23.2
176 26.2 19.0 28.4





#19
Fluoranthene
Concen: 0.135 ng/ul
RT: 19.038 min Scan# 3534
Delta R.T. -0.010 min
Lab File: BM045531.D
Acq: 24 Apr 2024 16:56

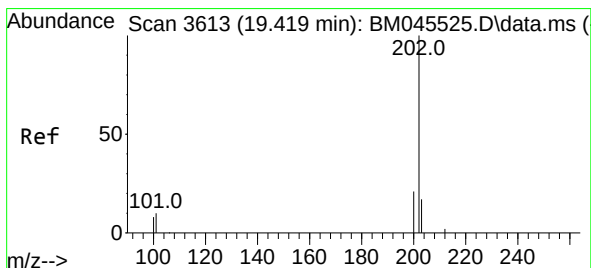
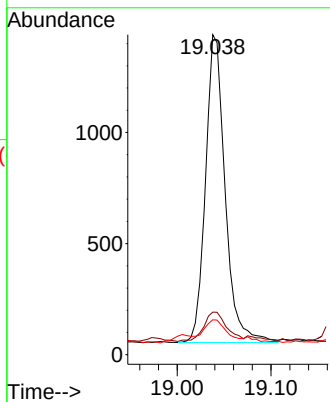
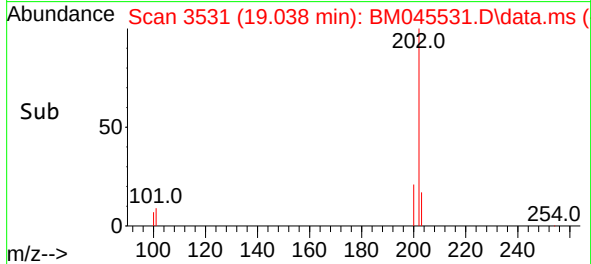
Instrument :
BNA_M
ClientSampleId :
C0SA0



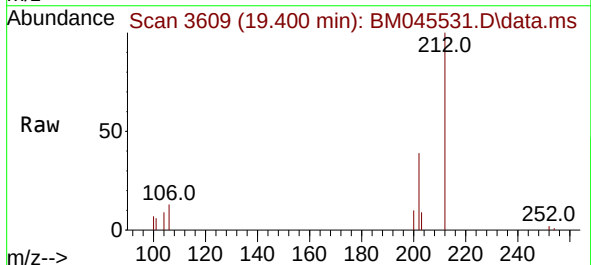
Tgt Ion:202 Resp: 2011
Ion Ratio Lower Upper
202 100
101 13.3 11.2 16.8
100 10.9 9.1 13.7

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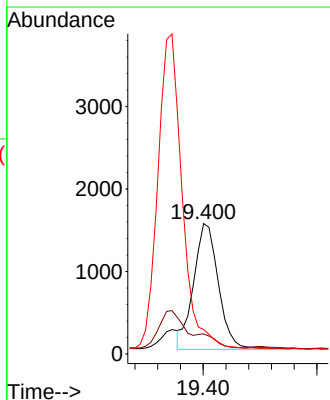
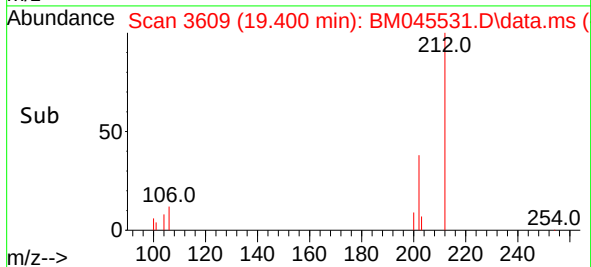
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

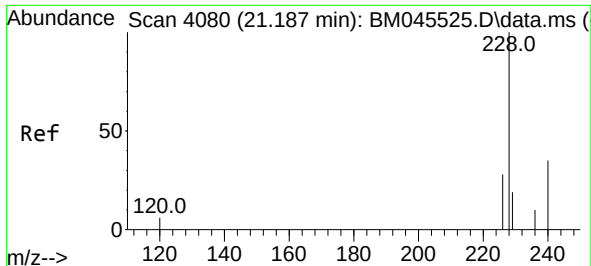


#20
Pyrene
Concen: 0.152 ng/ul m
RT: 19.400 min Scan# 3609
Delta R.T. -0.014 min
Lab File: BM045531.D
Acq: 24 Apr 2024 16:56



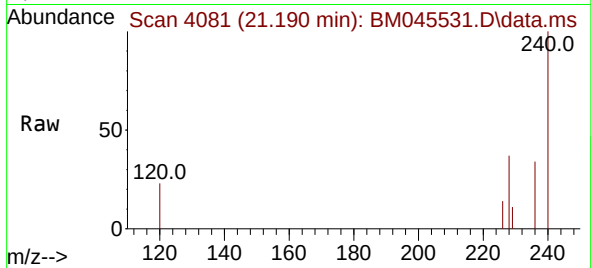
Tgt Ion:202 Resp: 2318
Ion Ratio Lower Upper
202 100
101 15.4 11.5 17.3
100 18.8 10.6 15.8#





#21
Benzo(a)anthracene
Concen: 0.079 ng/u1
RT: 21.190 min Scan# 4081
Delta R.T. 0.009 min
Lab File: BM045531.D
Acq: 24 Apr 2024 16:56

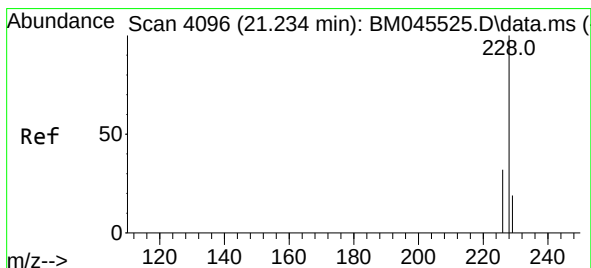
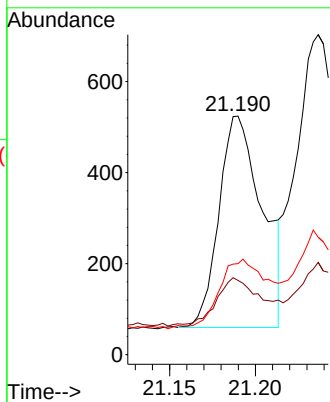
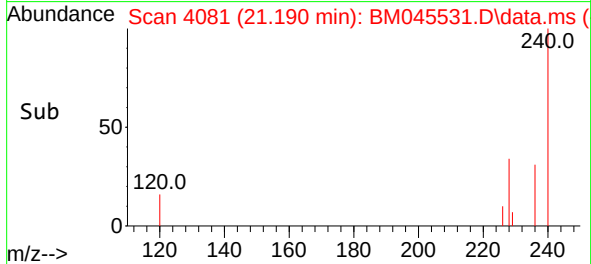
Instrument :
BNA_M
ClientSampleId :
C0SA0



Tgt Ion:228 Resp: 812
Ion Ratio Lower Upper
228 100
229 31.1 19.4 29.2
226 38.2 26.3 39.5

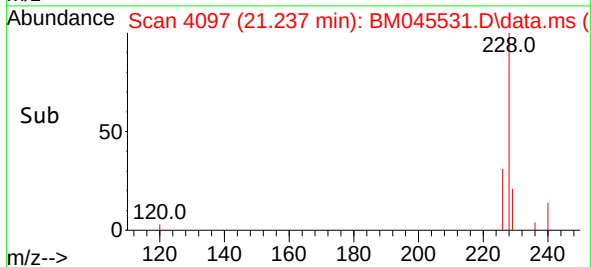
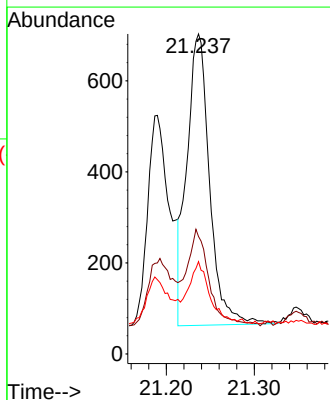
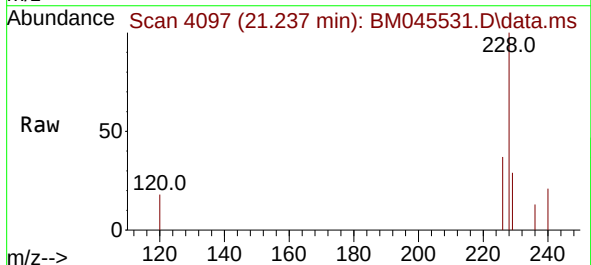
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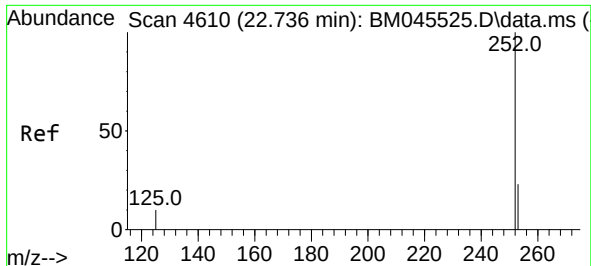
Reviewed By :Yogesh Patel 04/25/2024
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#22
Chrysene
Concen: 0.072 ng/u1
RT: 21.237 min Scan# 4097
Delta R.T. 0.009 min
Lab File: BM045531.D
Acq: 24 Apr 2024 16:56

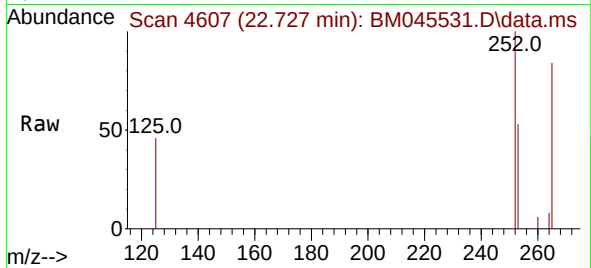
Tgt Ion:228 Resp: 1148
Ion Ratio Lower Upper
228 100
226 36.7 26.3 39.5
229 28.9 17.8 26.8#





#24
Benzo(b)fluoranthene
Concen: 0.131 ng/ul m
RT: 22.727 min Scan# 4610
Delta R.T. -0.003 min
Lab File: BM045531.D
Acq: 24 Apr 2024 16:56

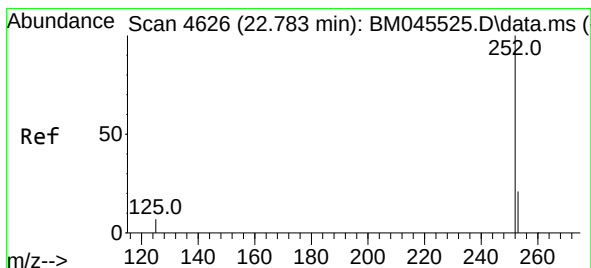
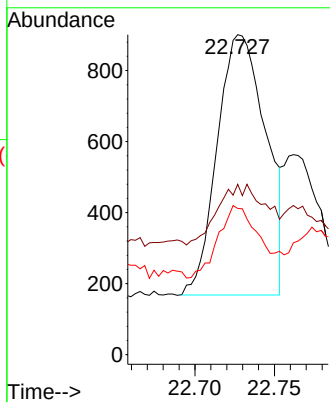
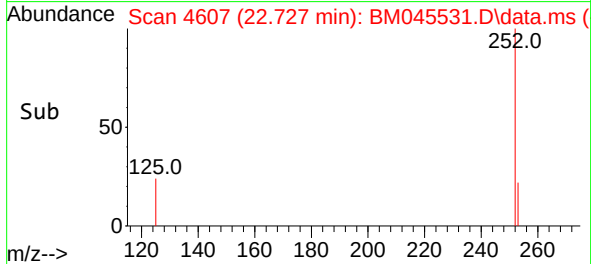
Instrument :
BNA_M
ClientSampleId :
C0SA0



Tgt Ion:252 Resp: 1564
Ion Ratio Lower Upper
252 100
253 53.3 0.0 63.4
125 45.7 0.0 36.8

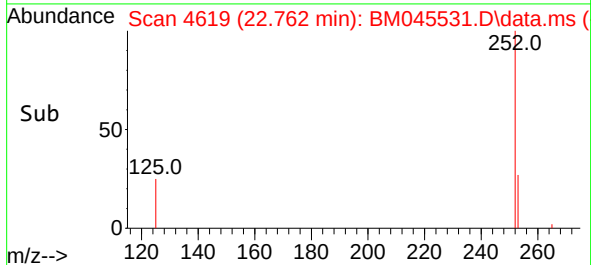
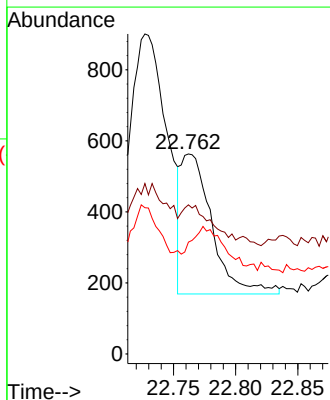
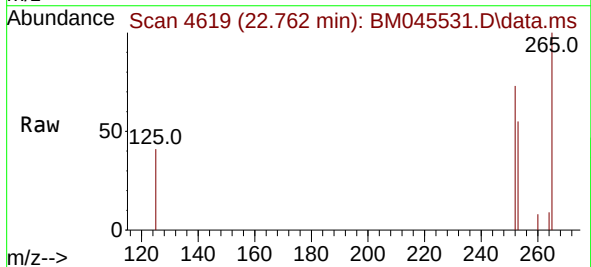
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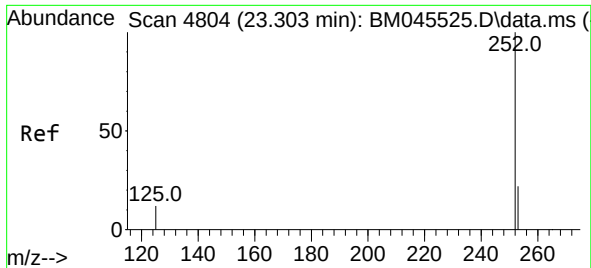
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.045 ng/ul m
RT: 22.762 min Scan# 4619
Delta R.T. -0.009 min
Lab File: BM045531.D
Acq: 24 Apr 2024 16:56

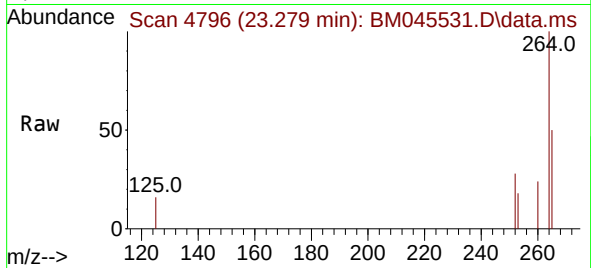
Tgt Ion:252 Resp: 685
Ion Ratio Lower Upper
252 100
253 74.6 25.4 38.0#
125 56.0 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.087 ng/ul
RT: 23.279 min Scan# 4796
Delta R.T. -0.012 min
Lab File: BM045531.D
Acq: 24 Apr 2024 16:56

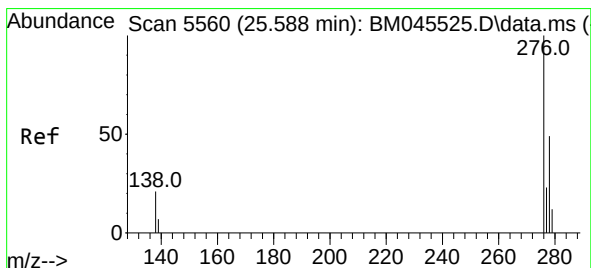
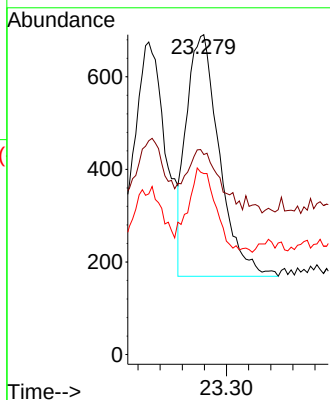
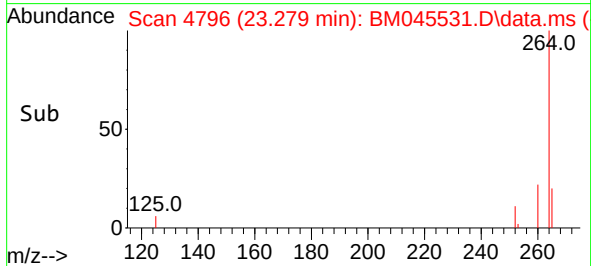
Instrument :
BNA_M
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C0SA0



Tgt Ion:252 Resp: 1078
Ion Ratio Lower Upper
252 100
253 62.5 31.6 47.4#
125 56.6 19.5 29.3#

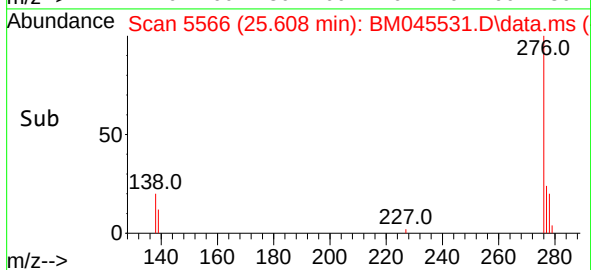
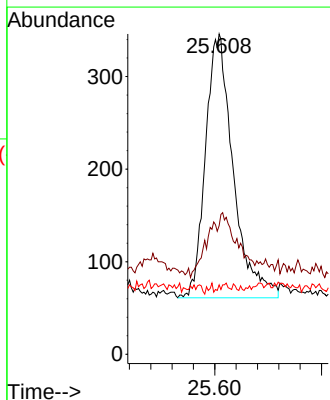
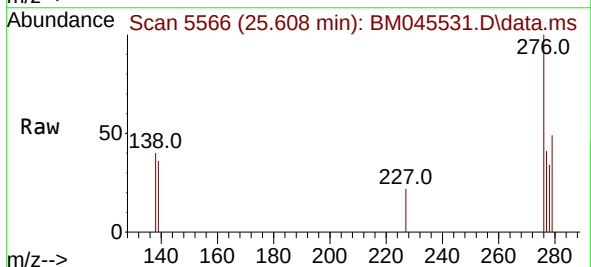
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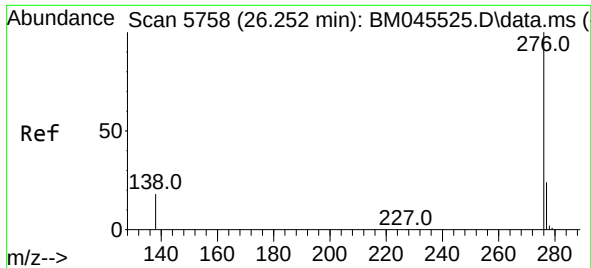
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng/ul
RT: 25.608 min Scan# 5566
Delta R.T. 0.037 min
Lab File: BM045531.D
Acq: 24 Apr 2024 16:56

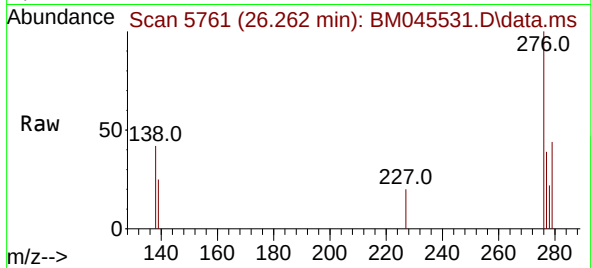
Tgt Ion:276 Resp: 1024
Ion Ratio Lower Upper
276 100
138 17.3 19.8 29.6#
227 0.8 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 26.262 min Scan# 51
Delta R.T. 0.027 min
Lab File: BM045531.D
Acq: 24 Apr 2024 16:56

Instrument :
BNA_M
ClientSampleId :
C0SA0



Tgt Ion:276 Resp: 1070
Ion Ratio Lower Upper
276 100
138 41.7 20.8 31.2
277 38.8 21.8 32.8

Manual Integrations
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