

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045538.D
 Acq On : 24 Apr 2024 21:56
 Operator : MA/JU
 Sample : P2164-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0SB1

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 23:50:36 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	1005	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	2949	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1631	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	3534m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.190	240	2907	0.400	ng/ul	0.00
23) Perylene-d12	23.376	264	4320	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	5097	3.784	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	1021	0.263	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	2243	0.245	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	194	0.024	ng/ul#	51
7) 2-Methylnaphthalene	12.008	142	176	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.222	142	131	0.026	ng/ul	100
15) Phenanthrene	17.005	178	1601	0.156	ng/ul	98
19) Fluoranthene	19.038	202	3926	0.293	ng/ul	94
20) Pyrene	19.401	202	3851m	0.279	ng/ul	
21) Benzo(a)anthracene	21.179	228	1515	0.163	ng/ul	95
22) Chrysene	21.228	228	2078	0.145	ng/ul	96
24) Benzo(b)fluoranthene	22.721	252	3289m	0.226	ng/ul	
25) Benzo(k)fluoranthene	22.756	252	1221m	0.067	ng/ul	
26) Benzo(a)pyrene	23.271	252	2044	0.136	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.578	276	1810	0.083	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.592	278	412	0.024	ng/ul#	4
29) Benzo(g,h,i)perylene	26.249	276	1667	0.085	ng/ul#	84

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

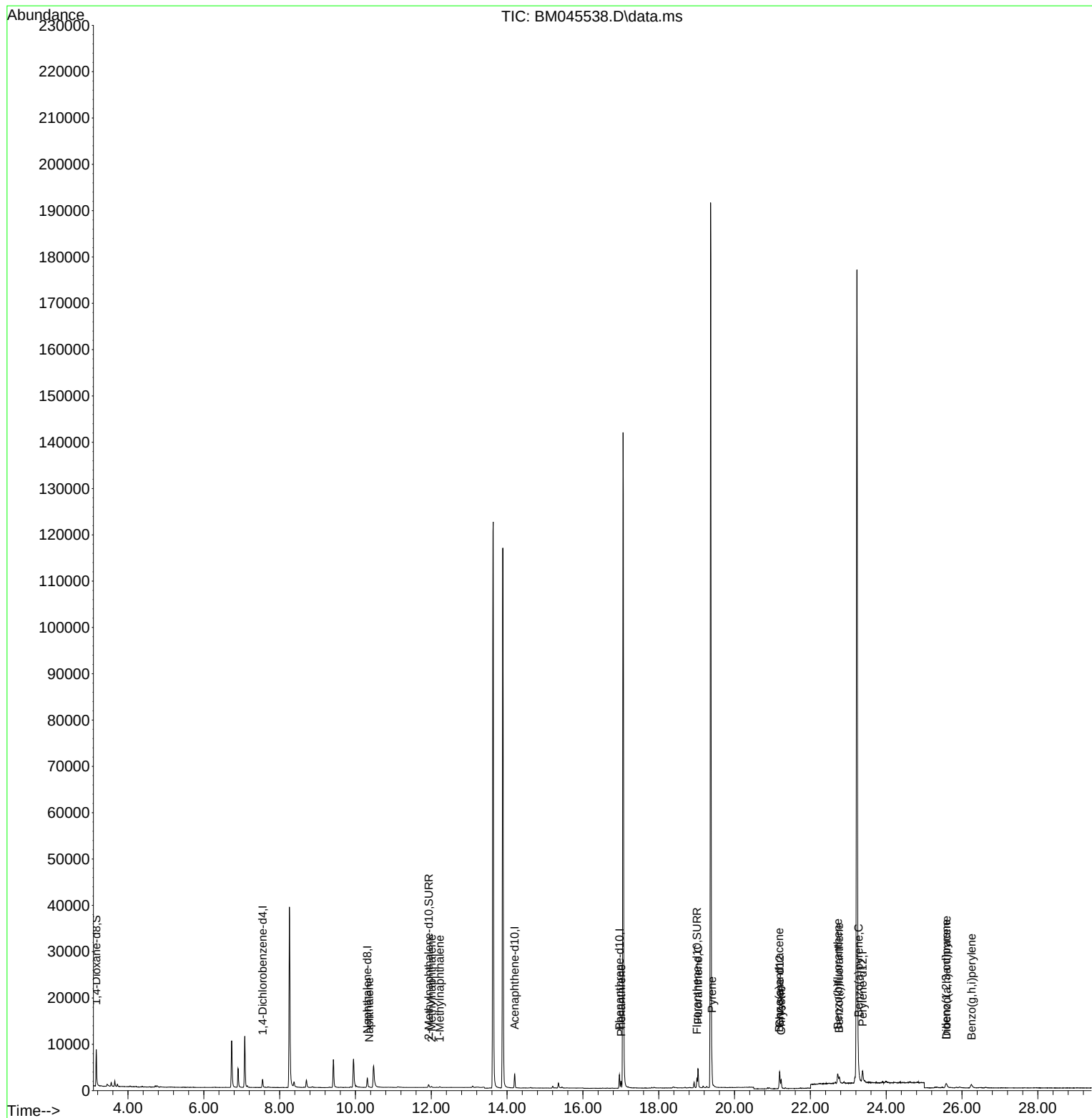
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045538.D
Acq On : 24 Apr 2024 21:56
Operator : MA/JU
Sample : P2164-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

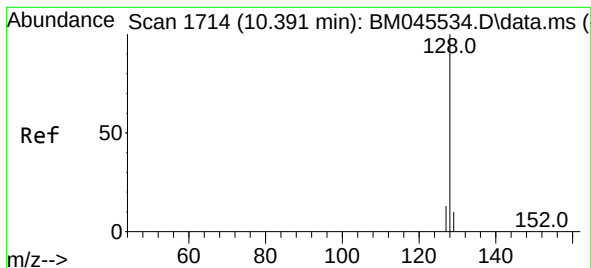
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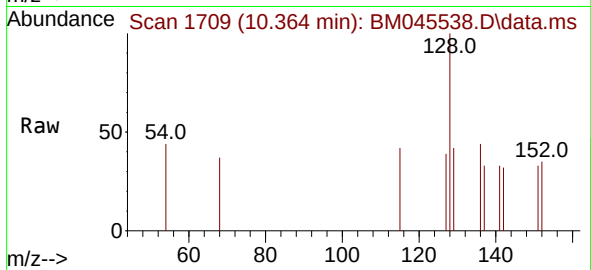
Quant Time: Apr 24 23:50:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.364 min Scan# 1714
Delta R.T. -0.016 min
Lab File: BM045538.D
Acq: 24 Apr 2024 21:56

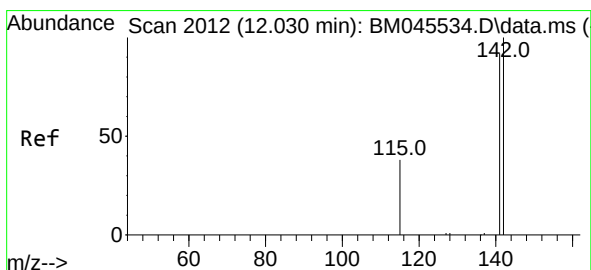
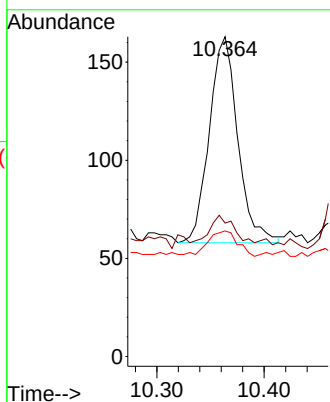
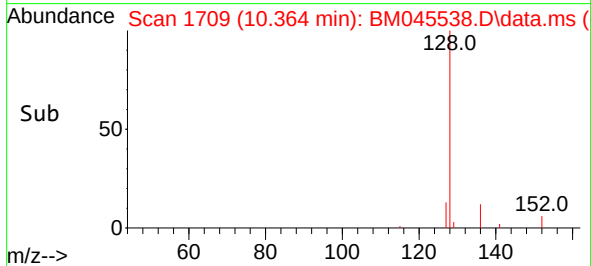
Instrument :
BNA_M
ClientSampleId :
C0SB1



Tgt Ion:128 Resp: 194
Ion Ratio Lower Upper
128 100
129 41.7 14.0 21.0
127 39.3 15.4 23.2

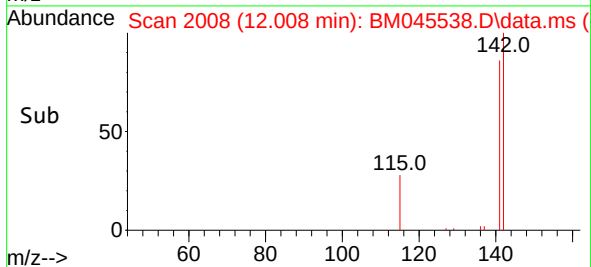
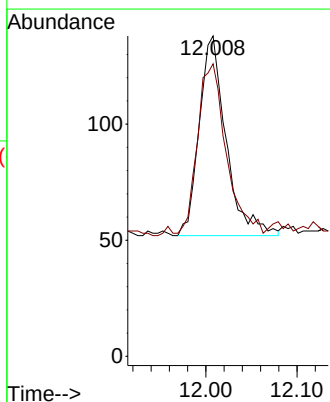
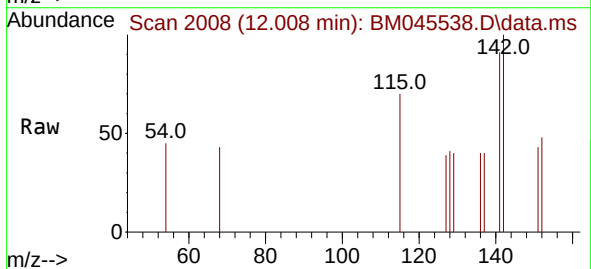
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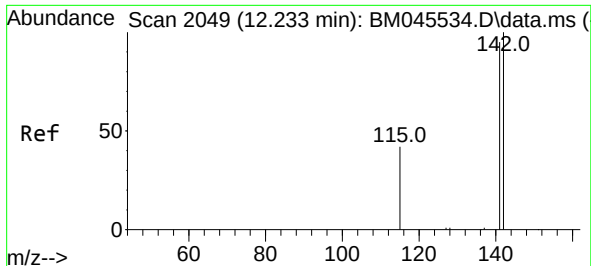
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.008 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM045538.D
Acq: 24 Apr 2024 21:56

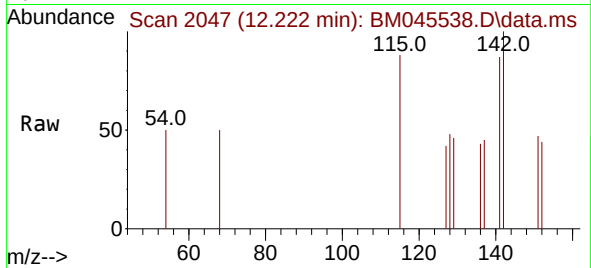
Tgt Ion:142 Resp: 176
Ion Ratio Lower Upper
142 100
141 92.6 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM045538.D
Acq: 24 Apr 2024 21:56

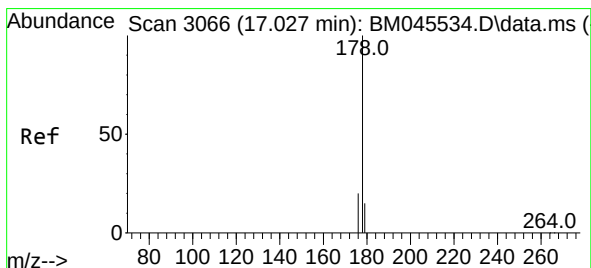
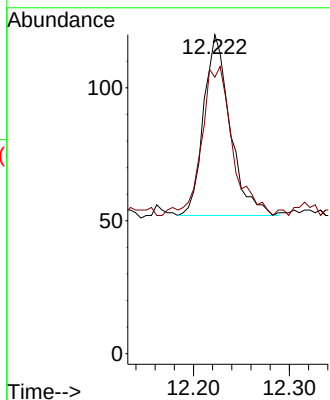
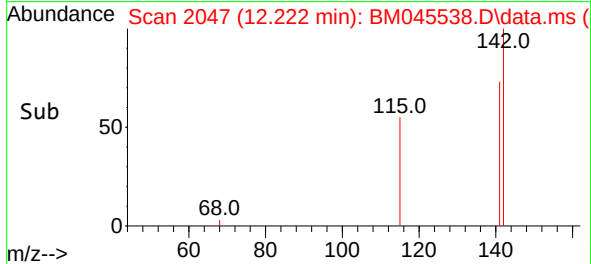
Instrument :
BNA_M
ClientSampleId :
C0SB1



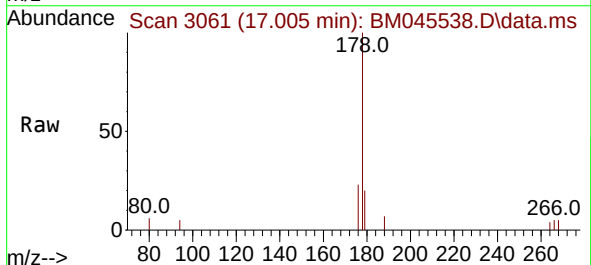
Tgt Ion:142 Resp: 133
Ion Ratio Lower Upper
142 100
141 94.7 76.1 114.1

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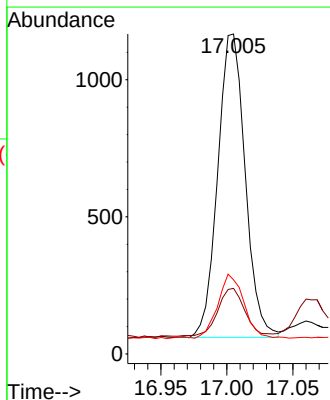
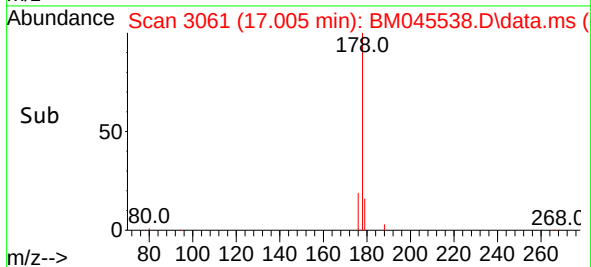
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

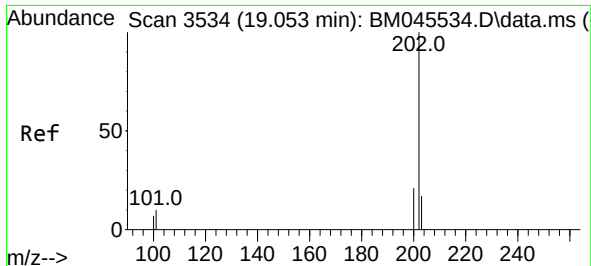


#15
Phenanthrene
Concen: 0.156 ng/ul
RT: 17.005 min Scan# 3061
Delta R.T. -0.017 min
Lab File: BM045538.D
Acq: 24 Apr 2024 21:56



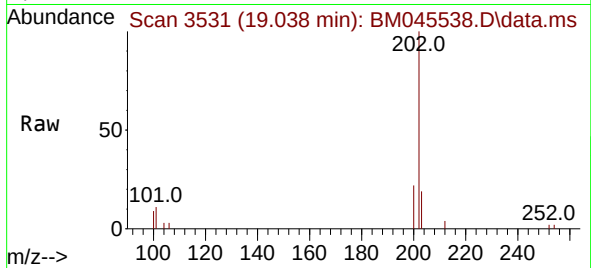
Tgt Ion:178 Resp: 1601
Ion Ratio Lower Upper
178 100
179 20.5 15.4 23.2
176 23.1 19.0 28.4





#19
Fluoranthene
Concen: 0.293 ng/ul
RT: 19.038 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM045538.D
Acq: 24 Apr 2024 21:56

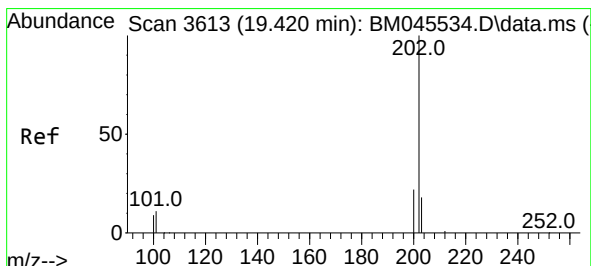
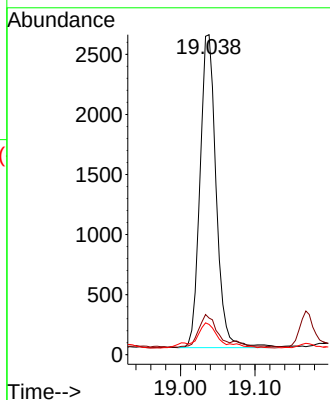
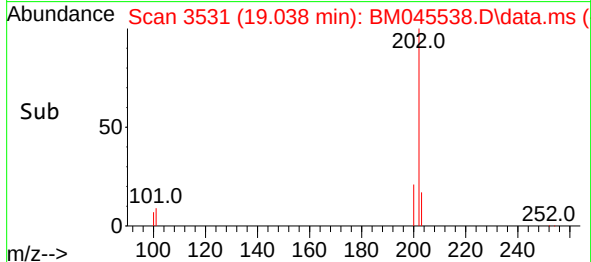
Instrument :
BNA_M
ClientSampleId :
C0SB1



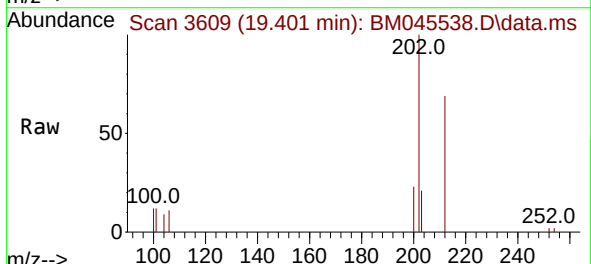
Tgt Ion:202 Resp: 3920
Ion Ratio Lower Upper
202 100
101 11.4 11.2 16.8
100 9.5 9.1 13.7

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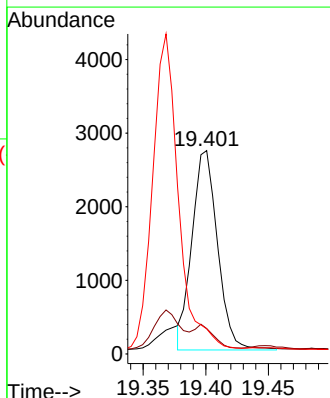
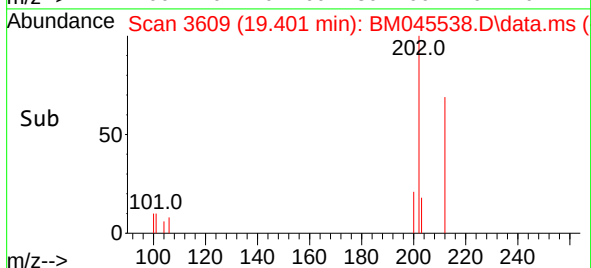
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

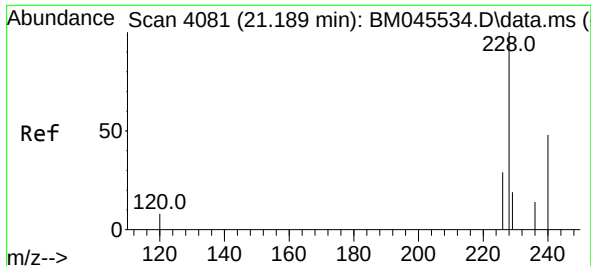


#20
Pyrene
Concen: 0.279 ng/ul m
RT: 19.401 min Scan# 3609
Delta R.T. -0.014 min
Lab File: BM045538.D
Acq: 24 Apr 2024 21:56



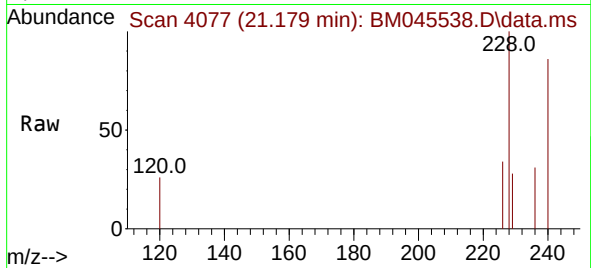
Tgt Ion:202 Resp: 3851
Ion Ratio Lower Upper
202 100
101 12.5 11.5 17.3
100 12.4 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.163 ng/ul
RT: 21.179 min Scan# 4081
Delta R.T. -0.003 min
Lab File: BM045538.D
Acq: 24 Apr 2024 21:56

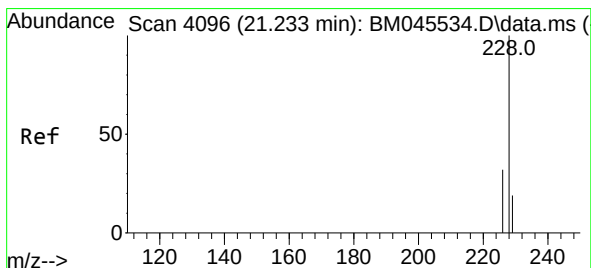
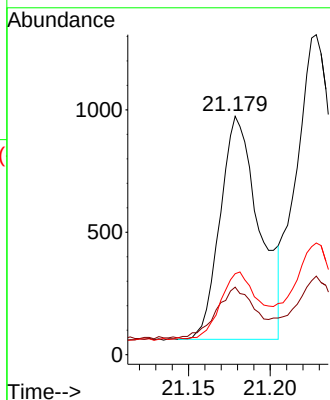
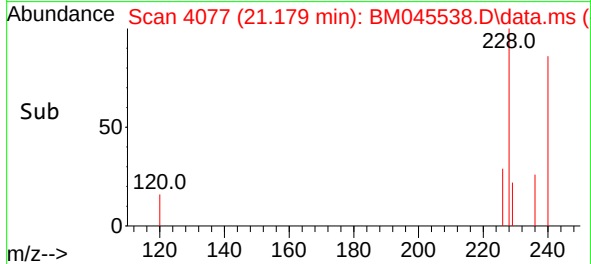
Instrument :
BNA_M
ClientSampleId :
C0SB1



Tgt Ion:228 Resp: 151
Ion Ratio Lower Upper
228 100
229 28.3 19.4 29.2
226 34.0 26.3 39.5

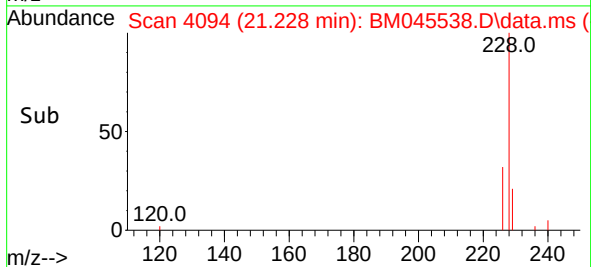
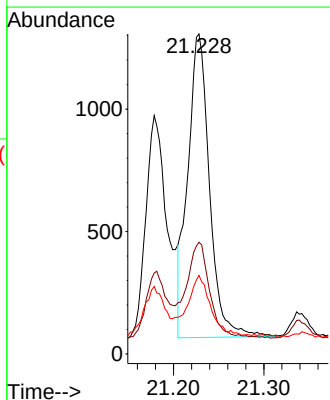
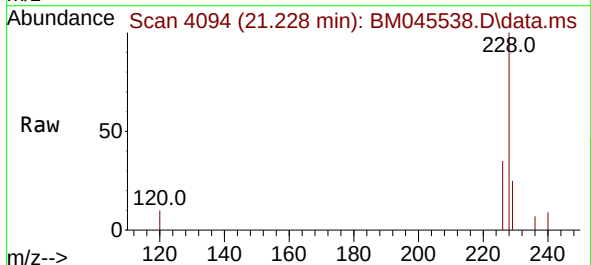
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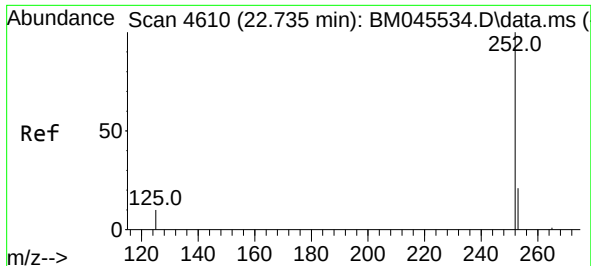
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 0.145 ng/ul
RT: 21.228 min Scan# 4094
Delta R.T. 0.000 min
Lab File: BM045538.D
Acq: 24 Apr 2024 21:56

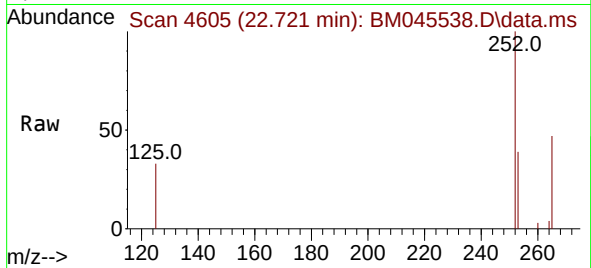
Tgt Ion:228 Resp: 2078
Ion Ratio Lower Upper
228 100
226 34.9 26.3 39.5
229 24.6 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 0.226 ng/ul m
RT: 22.721 min Scan# 4605
Delta R.T. -0.009 min
Lab File: BM045538.D
Acq: 24 Apr 2024 21:56

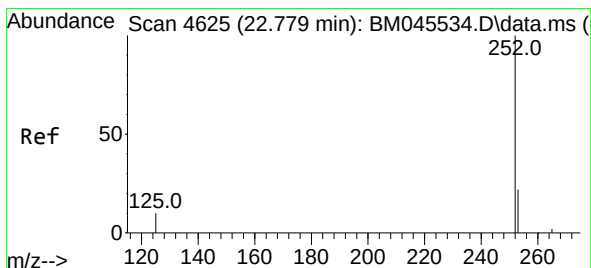
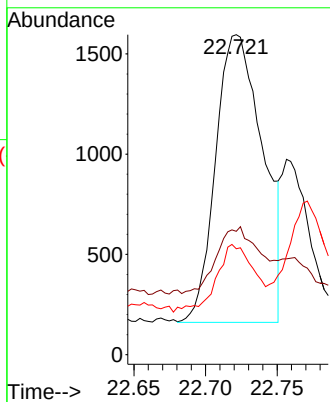
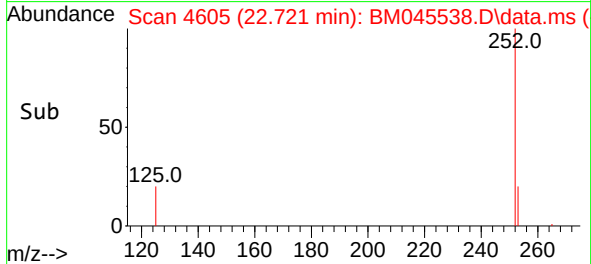
Instrument :
BNA_M
ClientSampleId :
C0SB1



Tgt Ion:252 Resp: 3289
Ion Ratio Lower Upper
252 100
253 38.5 0.0 63.4
125 33.1 0.0 36.8

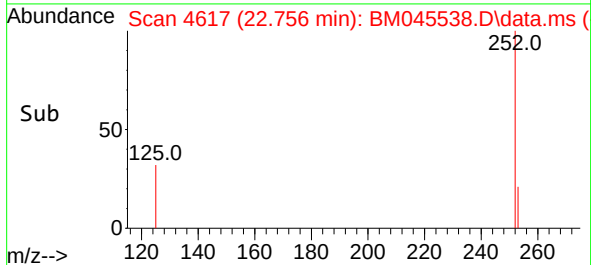
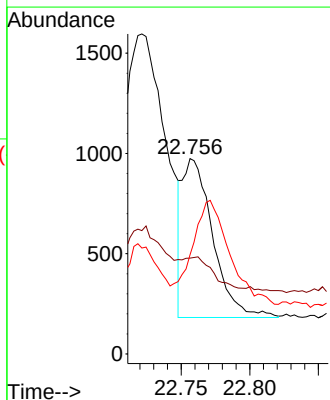
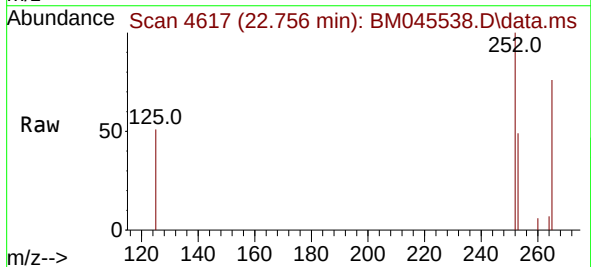
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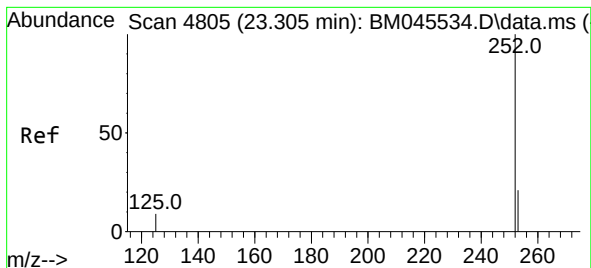
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.067 ng/ul m
RT: 22.756 min Scan# 4617
Delta R.T. -0.014 min
Lab File: BM045538.D
Acq: 24 Apr 2024 21:56

Tgt Ion:252 Resp: 1221
Ion Ratio Lower Upper
252 100
253 49.1 25.4 38.0#
125 50.8 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.136 ng/ul

RT: 23.271 min Scan# 41

Delta R.T. -0.020 min

Lab File: BM045538.D

Acq: 24 Apr 2024 21:56

Instrument :

BNM_M

ClientSampleId :

C0SB1

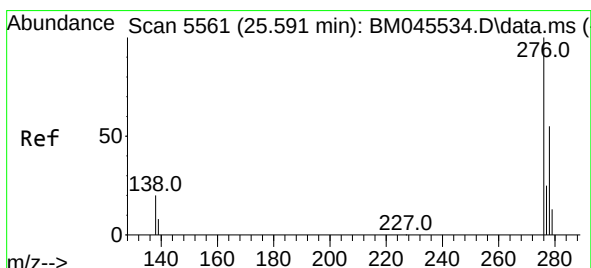
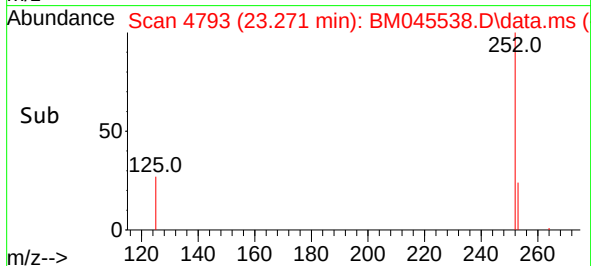
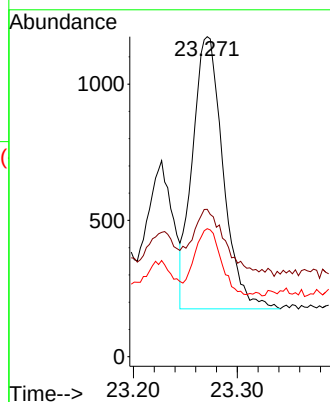
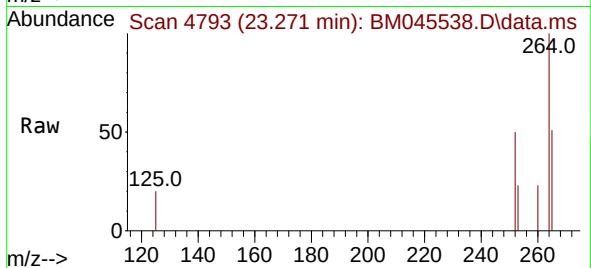
Tgt Ion:252	Resp:	204
Ion Ratio	Lower	Upper
252	100	
253	46.1	31.6 47.4
125	40.0	19.5 29.3

Manual Integrations

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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: 0.083 ng/ul

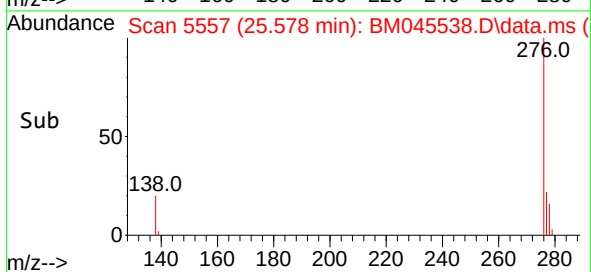
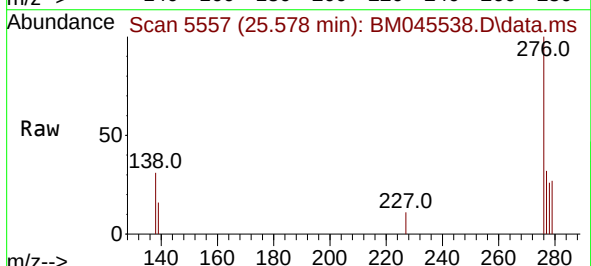
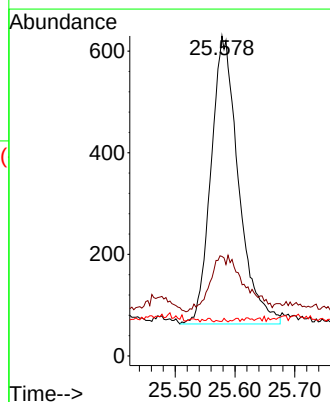
RT: 25.578 min Scan# 5557

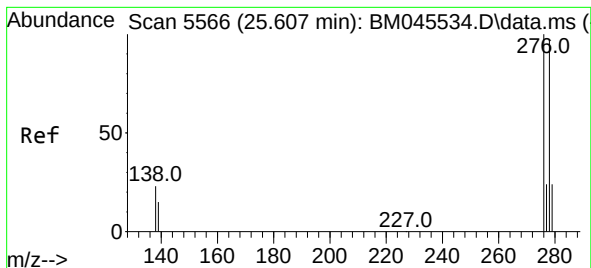
Delta R.T. 0.007 min

Lab File: BM045538.D

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Tgt Ion:276	Resp:	1810
Ion Ratio	Lower	Upper
276	100	
138	24.1	19.8 29.6
227	0.1	0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.024 ng/ul

RT: 25.592 min Scan# 51

Delta R.T. 0.004 min

Lab File: BM045538.D

Acq: 24 Apr 2024 21:56

Instrument :

BNA_M

ClientSampleId :

C0SB1

Tgt Ion:278 Resp: 41

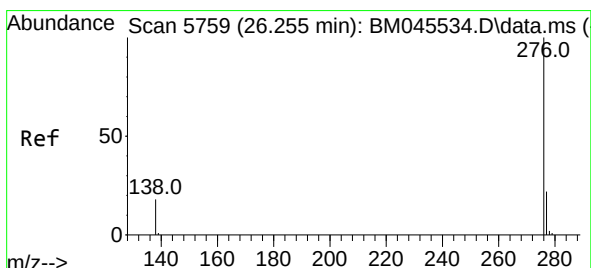
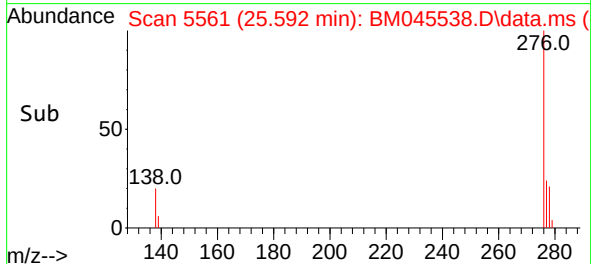
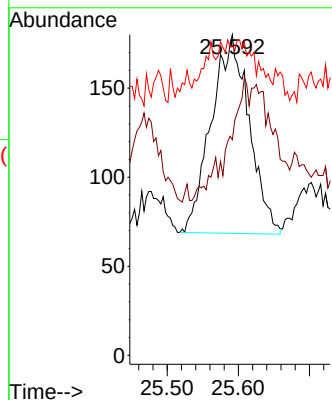
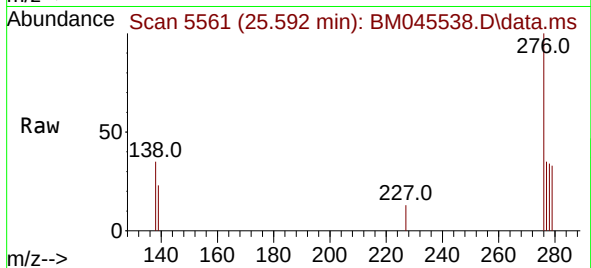
Ion	Ratio	Lower	Upper
278	100		
139	67.2	19.0	28.6
279	96.7	29.4	44.2

Manual Integrations

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Reviewed By :Yogesh Patel 04/25/2024

Supervised By :mohammad ahmed 04/27/2024



#29

Benzo(g,h,i)perylene

Concen: 0.085 ng/ul

RT: 26.249 min Scan# 5757

Delta R.T. 0.014 min

Lab File: BM045538.D

Acq: 24 Apr 2024 21:56

Tgt Ion:276 Resp: 1667

Ion	Ratio	Lower	Upper
276	100		
138	35.4	20.8	31.2#
277	34.0	21.8	32.8#

