

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045600.D
 Acq On : 26 Apr 2024 22:44
 Operator : MA/JU
 Sample : P2203-22MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX4MSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 23:54:05 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 : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	647	0.400	ng/ul	0.00
4) Naphthalene-d8	10.314	136	2042	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1087	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2297	0.400	ng/ul	-0.02
17) Chrysene-d12	21.175	240	2177	0.400	ng/ul	#-0.02
23) Perylene-d12	23.361	264	3479	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	504	0.581	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	821	0.305	ng/ul	-0.01
18) Fluoranthene-d10	18.997	212	1737	0.253	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.196	88	998	1.196	ng/ul#	86
5) Naphthalene	10.363	128	16727	3.050	ng/ul#	87
7) 2-Methylnaphthalene	11.991	142	5467	1.746	ng/ul	100
8) 1-Methylnaphthalene	12.211	142	3179	0.905	ng/ul	98
10) Acenaphthylene	13.914	152	4899	0.914	ng/ul	95
11) Acenaphthene	14.257	153	8990	2.258	ng/ul	96
12) Fluorene	15.260	166	11316	2.657	ng/ul#	97
15) Phenanthrene	17.002	178	67912m	10.152	ng/ul	
16) Anthracene	17.094	178	23132	3.696	ng/ul#	91
19) Fluoranthene	19.030	202	74415	7.407	ng/ul#	89
20) Pyrene	19.397	202	56031	5.426	ng/ul#	90
21) Benzo(a)anthracene	21.160	228	29808	4.284	ng/ul	97
22) Chrysene	21.213	228	29514	2.759	ng/ul	99
24) Benzo(b)fluoranthene	22.712	252	43141m	3.686	ng/ul	
25) Benzo(k)fluoranthene	22.753	252	17518m	1.185	ng/ul	
26) Benzo(a)pyrene	23.264	252	28442	2.343	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.540	276	25904	1.468	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.554	278	9465	0.677	ng/ul	93
29) Benzo(g,h,i)perylene	26.211	276	24132	1.522	ng/ul	93

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

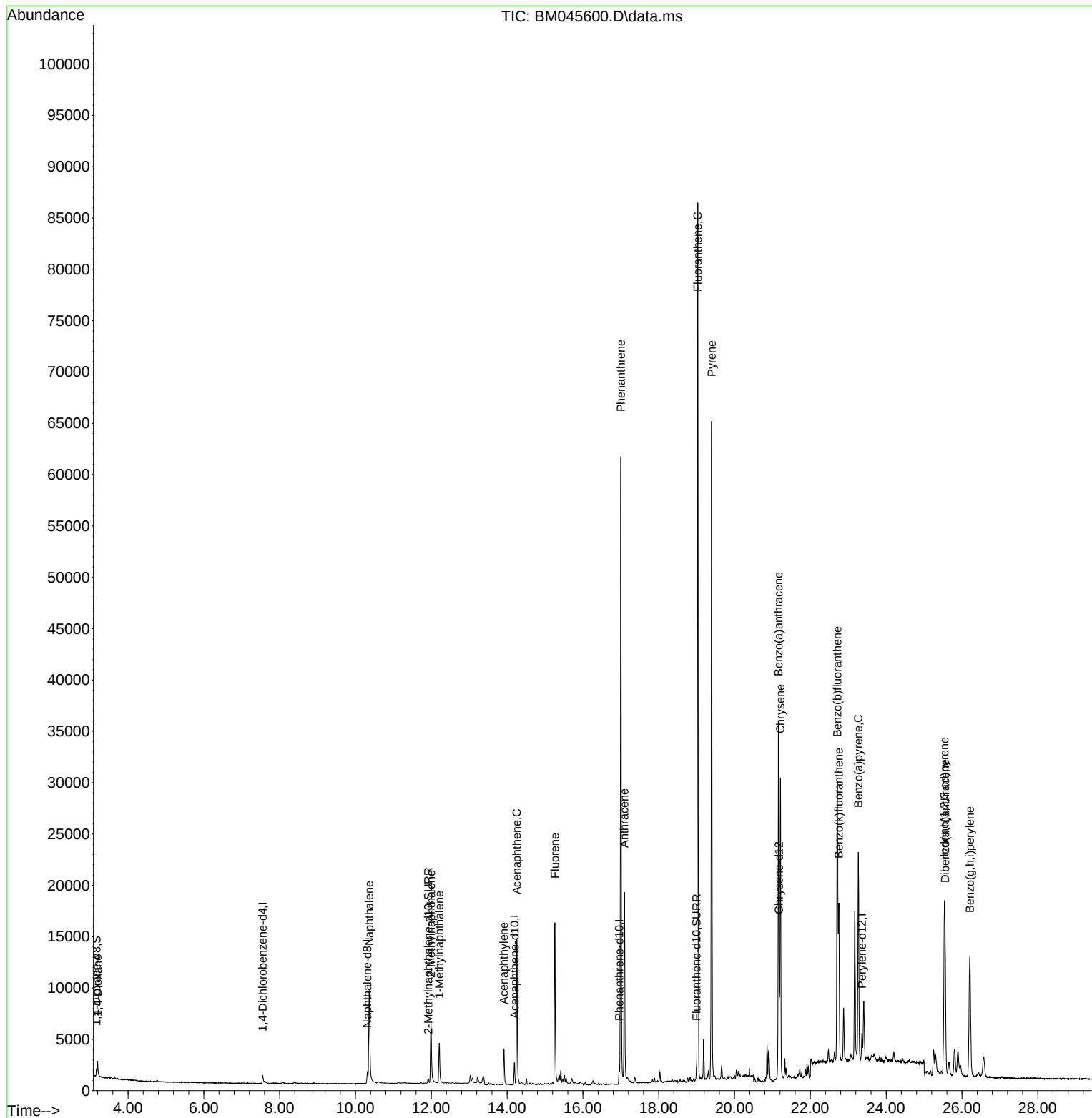
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045600.D
Acq On : 26 Apr 2024 22:44
Operator : MA/JU
Sample : P2203-22MSD
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ALS Vial : 37 Sample Multiplier: 1

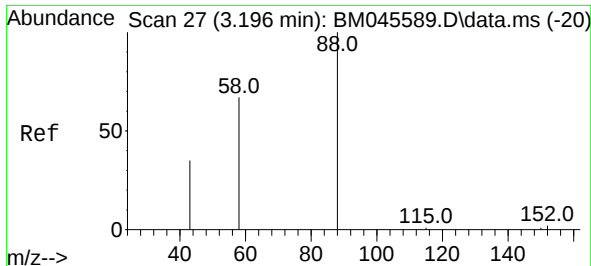
Instrument :
BNA_M
ClientSampleId :
E1CX4MSD

Quant Time: Apr 26 23:54:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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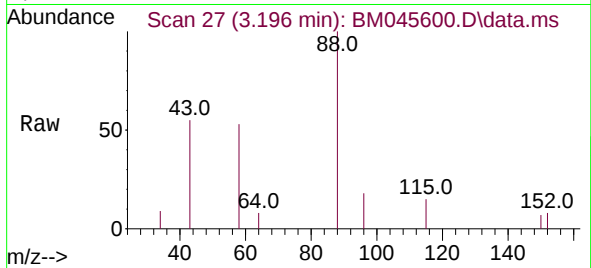
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024





#2
1,4-Dioxane
Concen: 1.196 ng/ul
RT: 3.196 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

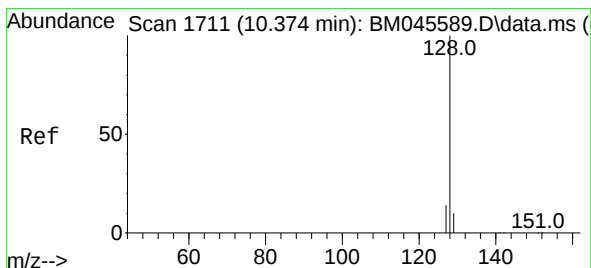
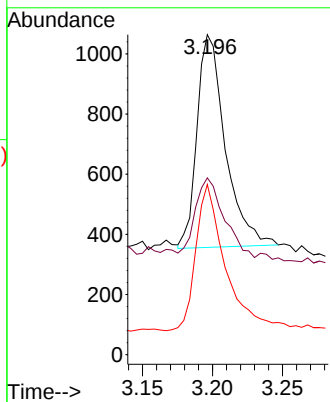
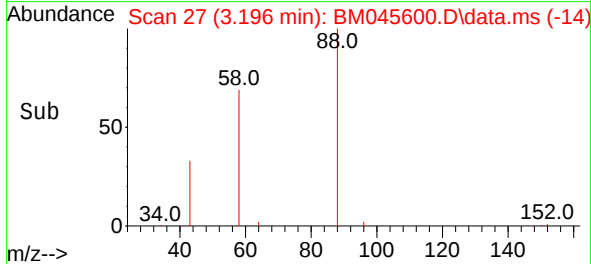
Instrument :
BNA_M
ClientSampleId :
E1CX4MSD



Tgt Ion: 88 Resp: 998
Ion Ratio Lower Upper
88 100
43 55.3 36.8 55.2#
58 53.2 35.4 53.2#

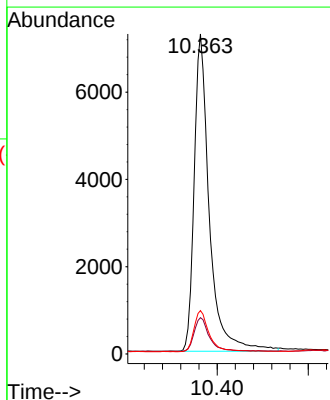
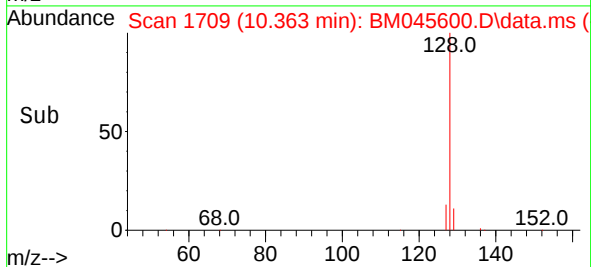
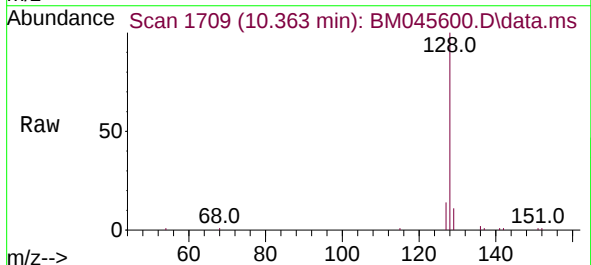
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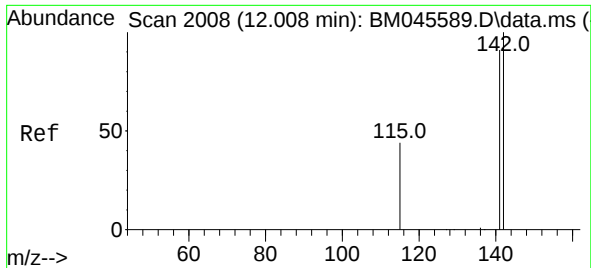
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#5
Naphthalene
Concen: 3.050 ng/ul
RT: 10.363 min Scan# 1709
Delta R.T. -0.016 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

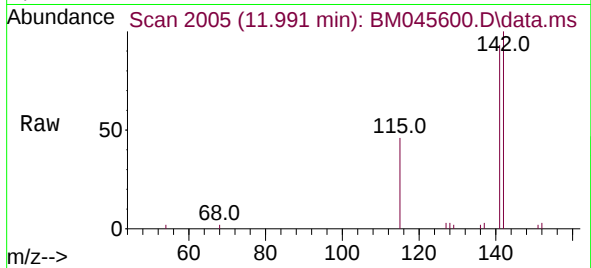
Tgt Ion:128 Resp: 16727
Ion Ratio Lower Upper
128 100
129 11.3 14.0 21.0#
127 13.5 15.4 23.2#





#7
2-Methylnaphthalene
Concen: 1.746 ng/ul
RT: 11.991 min Scan# 2005
Delta R.T. -0.016 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

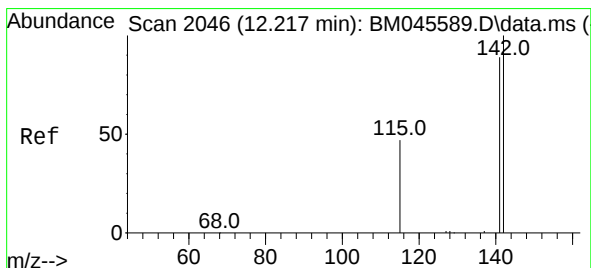
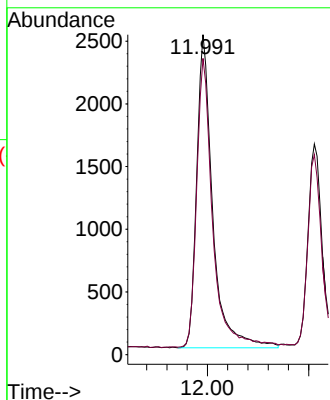
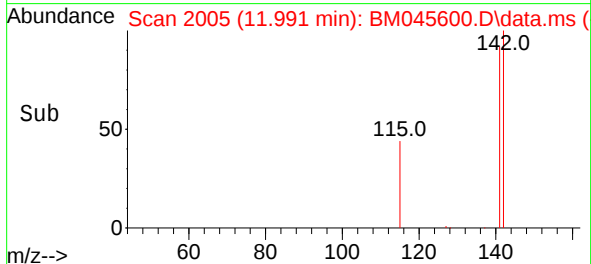
Instrument :
BNA_M
ClientSampleId :
E1CX4MSD



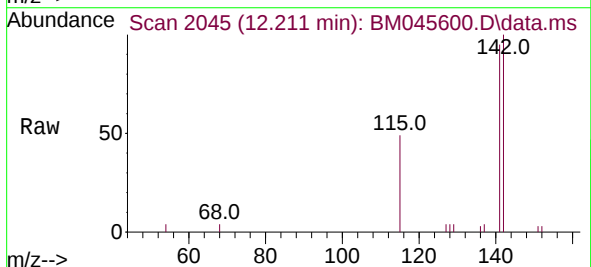
Tgt Ion:142 Resp: 546
Ion Ratio Lower Upper
142 100
141 92.8 74.6 111.8

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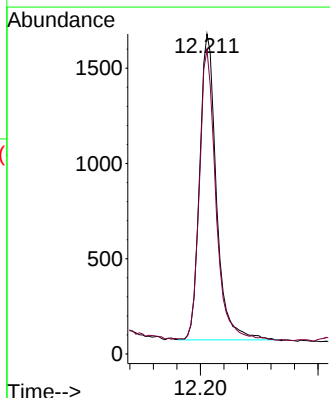
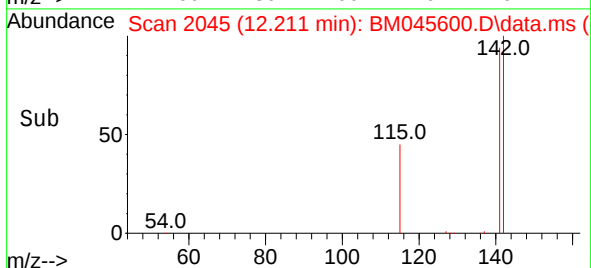
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024

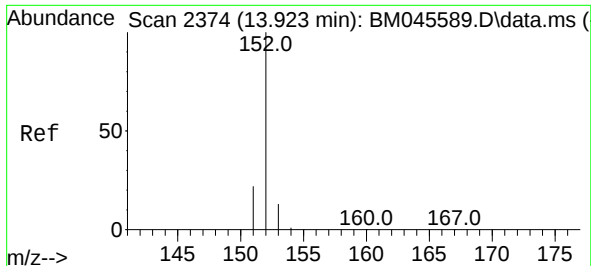


#8
1-Methylnaphthalene
Concen: 0.905 ng/ul
RT: 12.211 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44



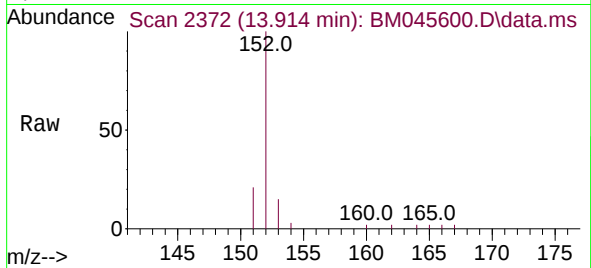
Tgt Ion:142 Resp: 3179
Ion Ratio Lower Upper
142 100
141 93.2 76.1 114.1





#10
Acenaphthylene
Concen: 0.914 ng/ul
RT: 13.914 min Scan# 2446
Delta R.T. -0.013 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

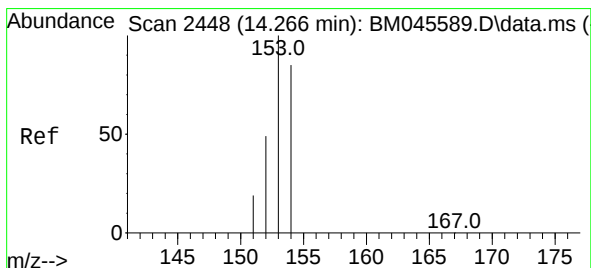
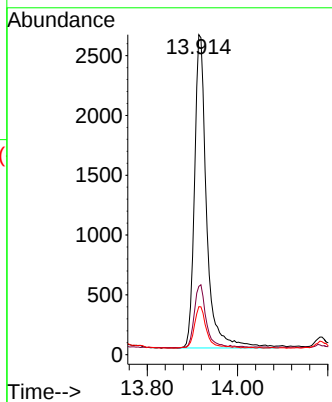
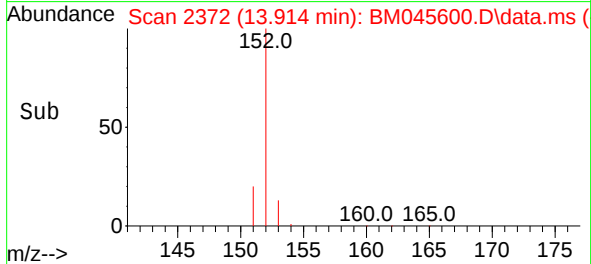
Instrument :
BNA_M
ClientSampleId :
E1CX4MSD



Tgt Ion:152 Resp: 489
Ion Ratio Lower Upper
152 100
151 21.4 18.6 28.0
153 15.0 14.1 21.1

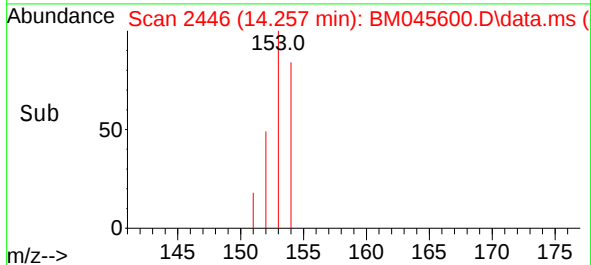
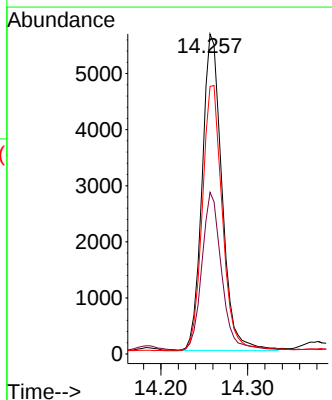
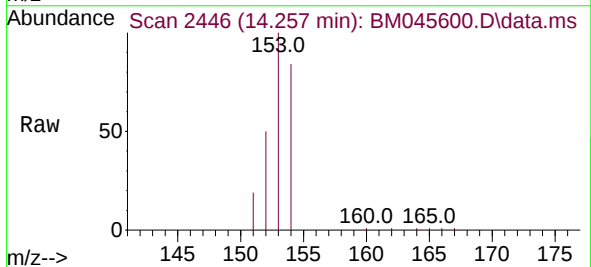
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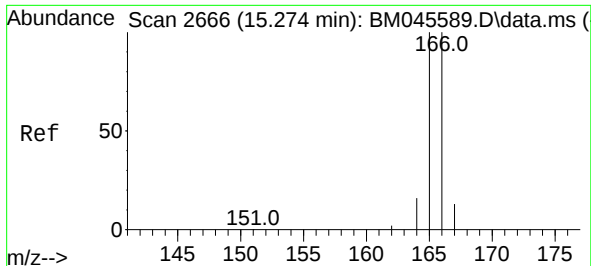
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#11
Acenaphthene
Concen: 2.258 ng/ul
RT: 14.257 min Scan# 2446
Delta R.T. -0.013 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

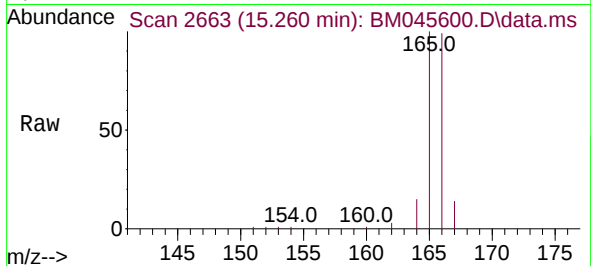
Tgt Ion:153 Resp: 8990
Ion Ratio Lower Upper
153 100
152 50.5 43.4 65.2
154 83.6 69.0 103.6





#12
Fluorene
Concen: 2.657 ng/ul
RT: 15.260 min Scan# 2063
Delta R.T. -0.018 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

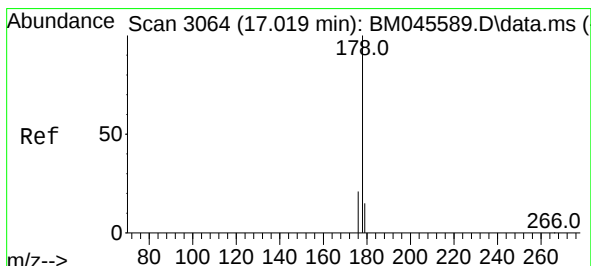
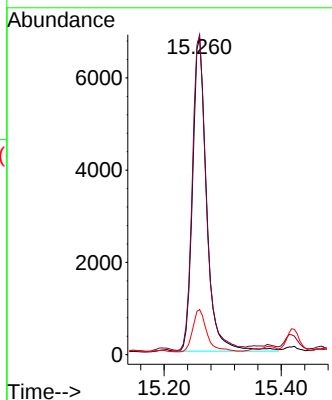
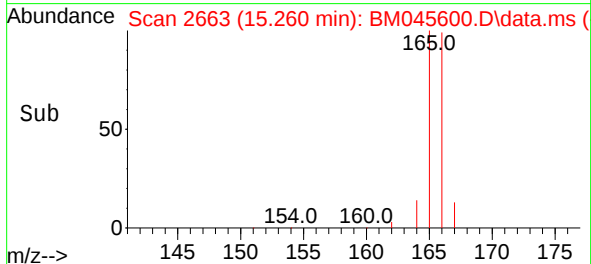
Instrument :
BNA_M
ClientSampleId :
E1CX4MSD



Tgt Ion:166 Resp: 11310
Ion Ratio Lower Upper
166 100
165 101.2 82.2 123.2
167 14.3 14.8 22.2

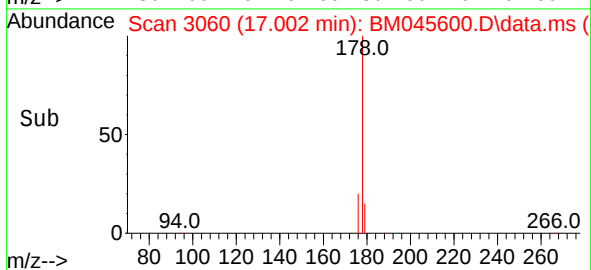
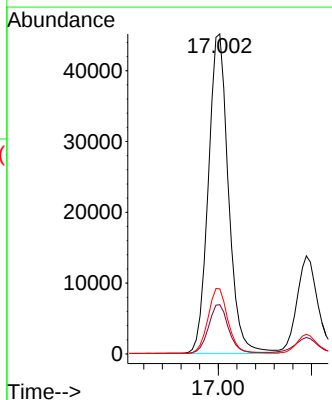
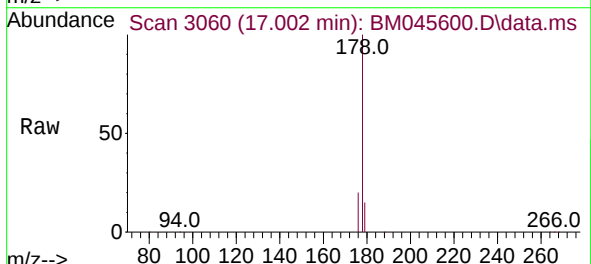
Manual Integrations
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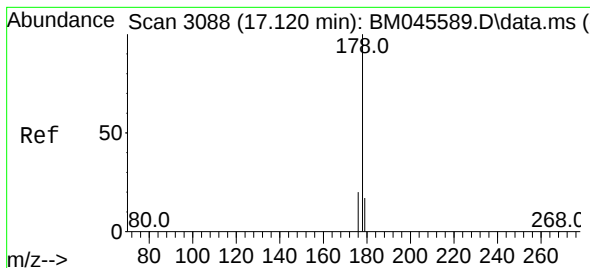
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#15
Phenanthrene
Concen: 10.152 ng/ul m
RT: 17.002 min Scan# 3060
Delta R.T. -0.020 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

Tgt Ion:178 Resp: 67912
Ion Ratio Lower Upper
178 100
179 15.4 15.4 23.2#
176 20.3 19.0 28.4





#16

Anthracene

Concen: 3.696 ng/ul

RT: 17.094 min Scan# 3088

Delta R.T. -0.024 min

Lab File: BM045600.D

Acq: 26 Apr 2024 22:44

Instrument :

BNA_M

ClientSampleId :

E1CX4MSD

Tgt Ion:178 Resp: 2313

Ion Ratio Lower Upper

178 100

179 16.7 17.8 26.6

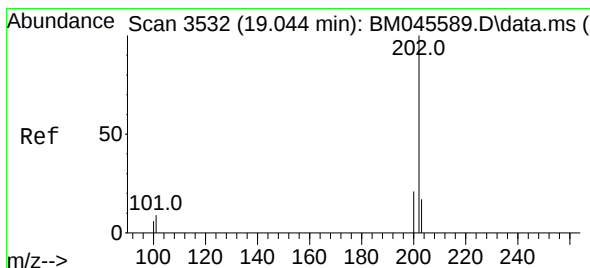
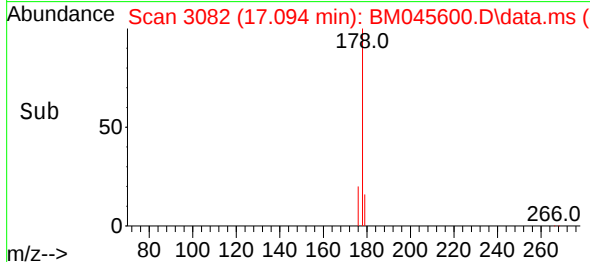
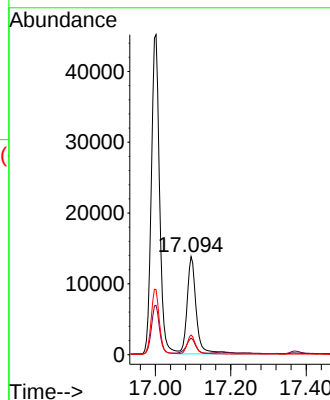
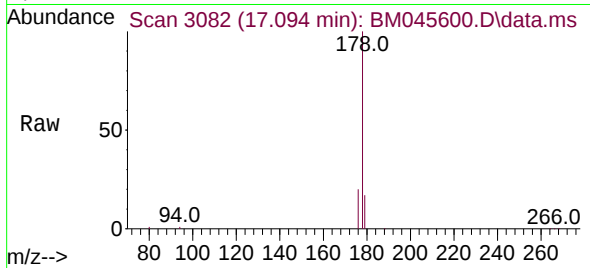
176 20.0 18.7 28.1

Manual Integrations

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Supervised By :mohammad ahmed 04/27/2024



#19

Fluoranthene

Concen: 7.407 ng/ul

RT: 19.030 min Scan# 3529

Delta R.T. -0.018 min

Lab File: BM045600.D

Acq: 26 Apr 2024 22:44

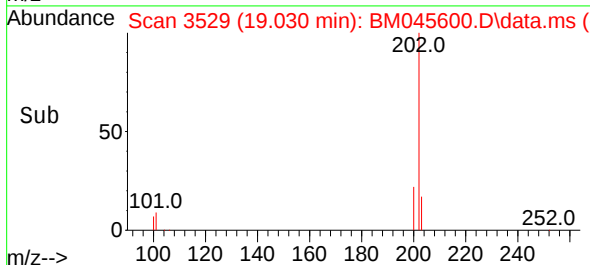
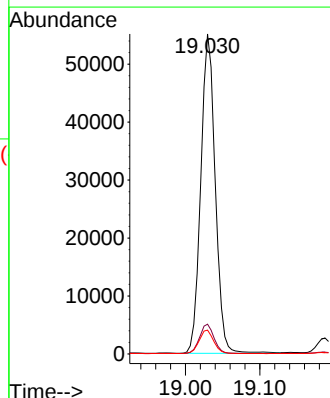
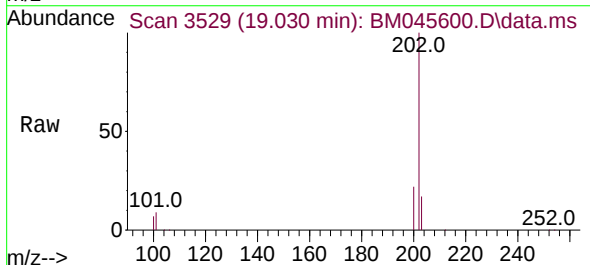
Tgt Ion:202 Resp: 74415

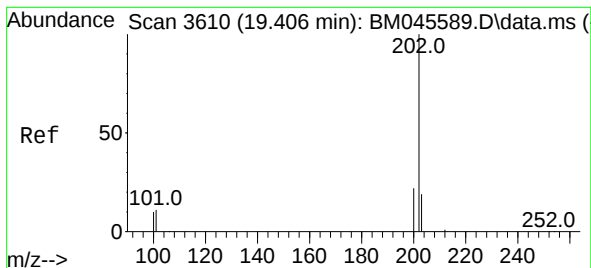
Ion Ratio Lower Upper

202 100

101 9.3 11.2 16.8

100 7.5 9.1 13.7





#20

Pyrene

Concen: 5.426 ng/ul

RT: 19.397 min Scan# 3610

Delta R.T. -0.018 min

Lab File: BM045600.D

Acq: 26 Apr 2024 22:44

Instrument :

BNA_M

ClientSampleId :

E1CX4MSD

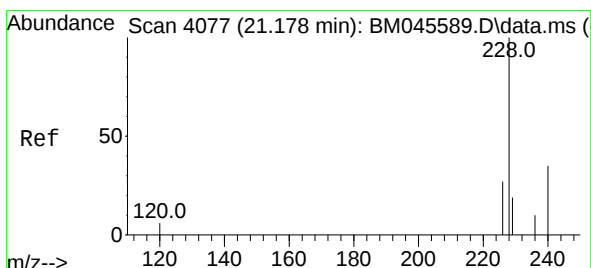
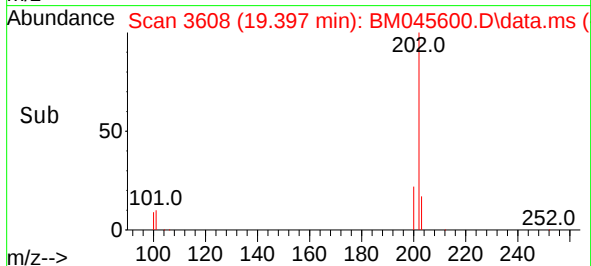
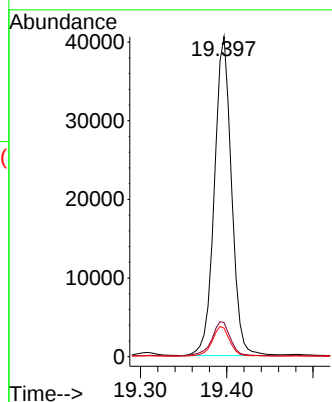
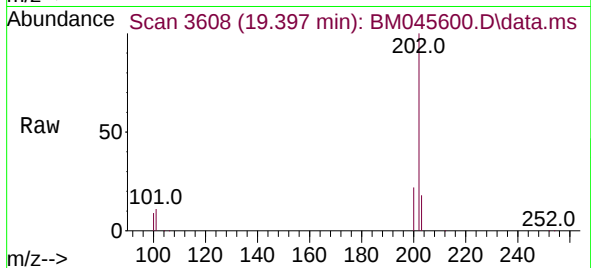
Tgt Ion:202	Resp:	5603
Ion Ratio	Lower	Upper
202	100	
101	10.6	11.5 17.3
100	9.0	10.6 15.8

Manual Integrations

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Supervised By :mohammad ahmed 04/27/2024



#21

Benzo(a)anthracene

Concen: 4.284 ng/ul

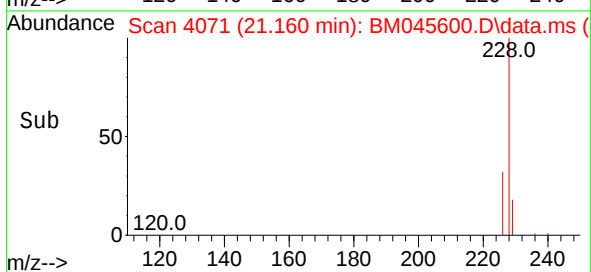
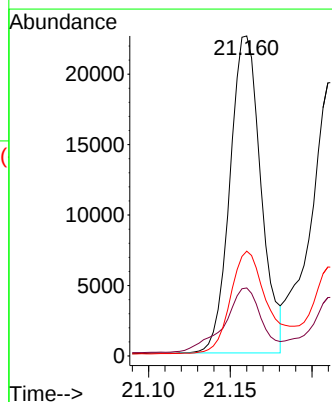
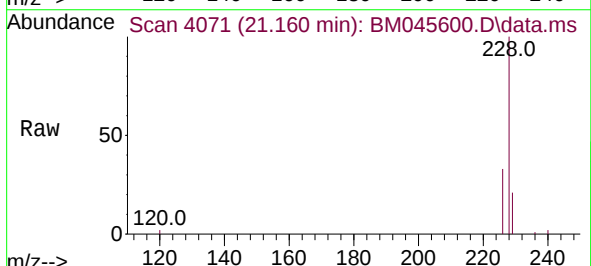
RT: 21.160 min Scan# 4071

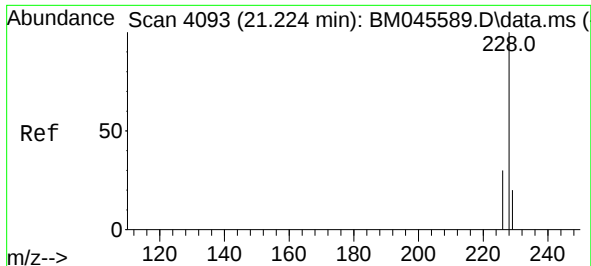
Delta R.T. -0.021 min

Lab File: BM045600.D

Acq: 26 Apr 2024 22:44

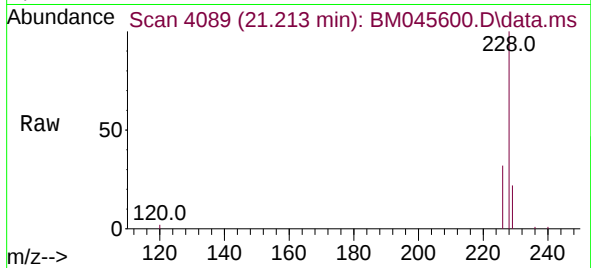
Tgt Ion:228	Resp:	29808
Ion Ratio	Lower	Upper
228	100	
229	21.2	19.4 29.2
226	32.8	26.3 39.5





#22
Chrysene
Concen: 2.759 ng/ul
RT: 21.213 min Scan# 4089
Delta R.T. -0.015 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

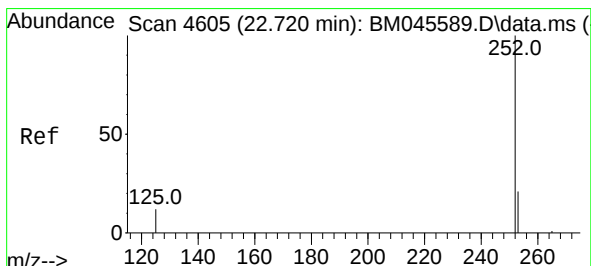
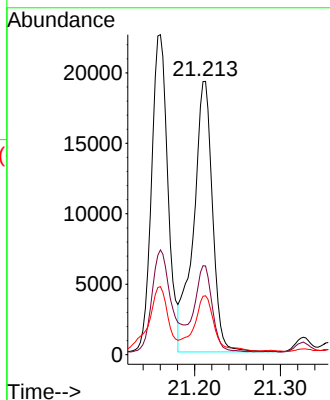
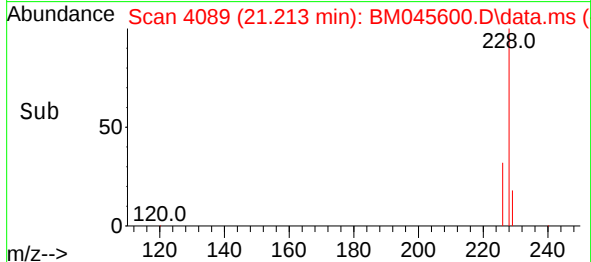
Instrument :
BNA_M
ClientSampleId :
E1CX4MSD



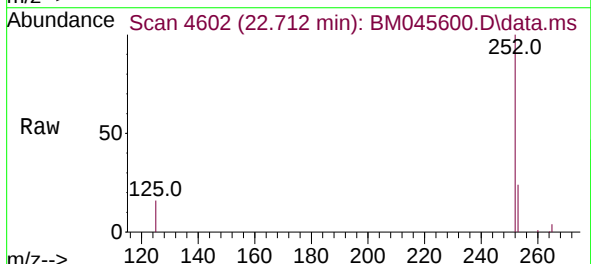
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Ion Ratio Lower Upper
228 100
226 32.4 26.3 39.5
229 21.5 17.8 26.8

Manual Integrations
APPROVED

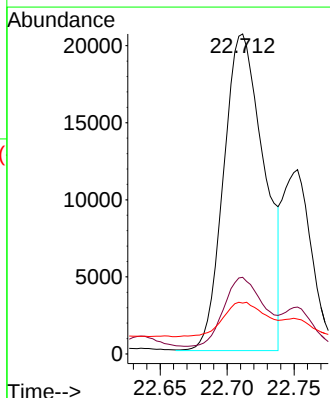
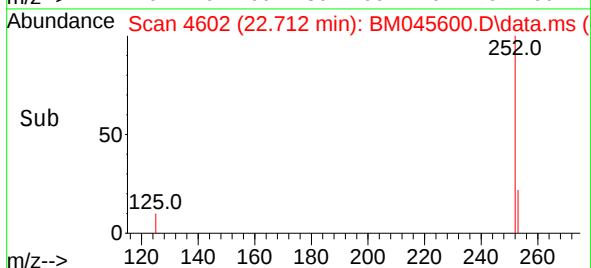
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024

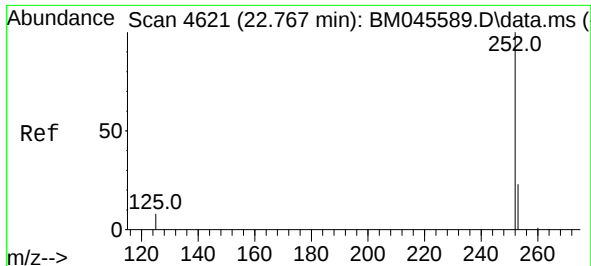


#24
Benzo(b)fluoranthene
Concen: 3.686 ng/ul m
RT: 22.712 min Scan# 4602
Delta R.T. -0.018 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44



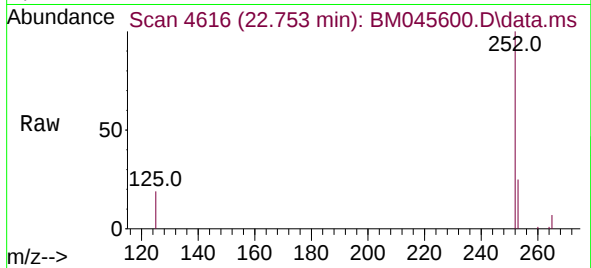
Tgt Ion:252 Resp: 43141
Ion Ratio Lower Upper
252 100
253 24.0 0.0 63.4
125 15.9 0.0 36.8





#25
Benzo(k)fluoranthene
Concen: 1.185 ng/ul m
RT: 22.753 min Scan# 4616
Delta R.T. -0.018 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

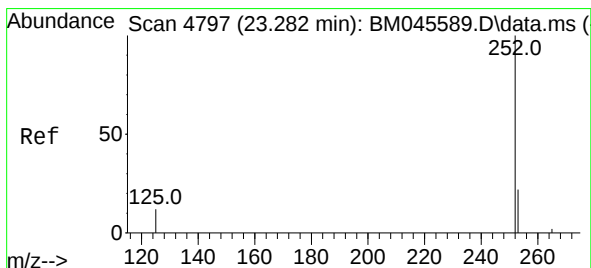
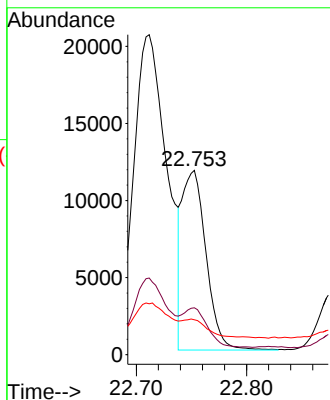
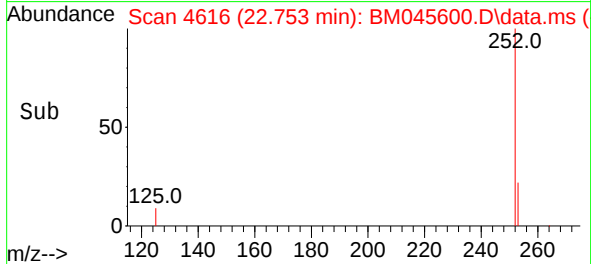
Instrument :
BNA_M
ClientSampleId :
E1CX4MSD



Tgt Ion:252 Resp: 17518
Ion Ratio Lower Upper
252 100
253 25.5 25.4 38.0
125 18.9 14.8 22.2

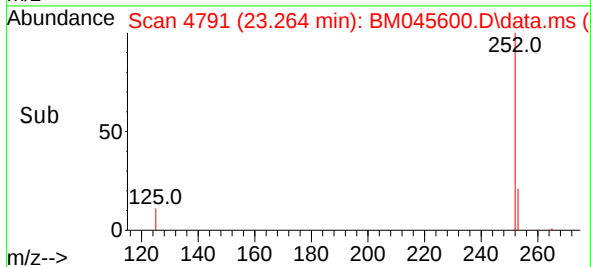
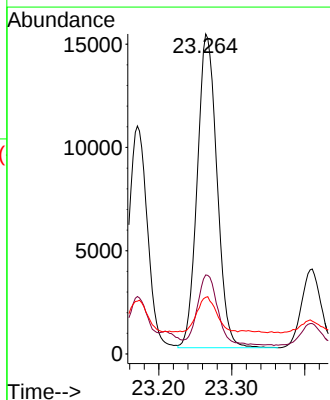
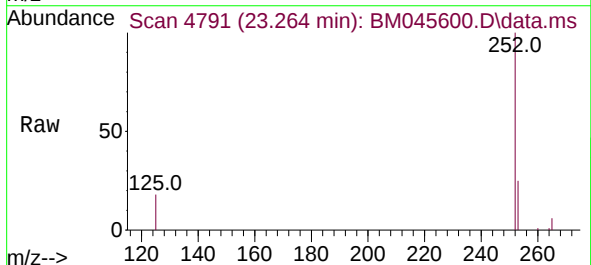
Manual Integrations
APPROVED

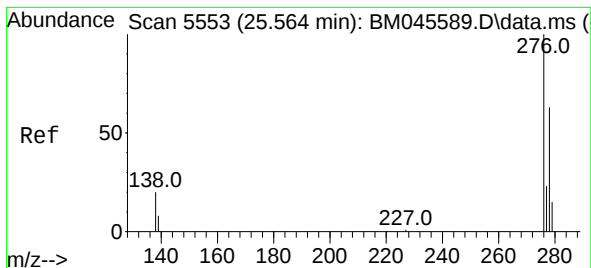
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#26
Benzo(a)pyrene
Concen: 2.343 ng/ul
RT: 23.264 min Scan# 4791
Delta R.T. -0.027 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

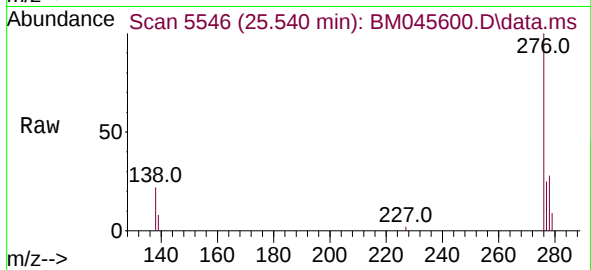
Tgt Ion:252 Resp: 28442
Ion Ratio Lower Upper
252 100
253 24.7 31.6 47.4#
125 17.7 19.5 29.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.468 ng/ul
RT: 25.540 min Scan# 5546
Delta R.T. -0.031 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

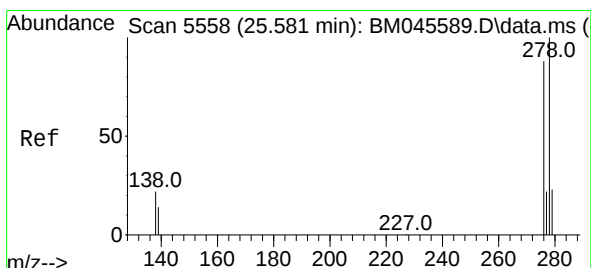
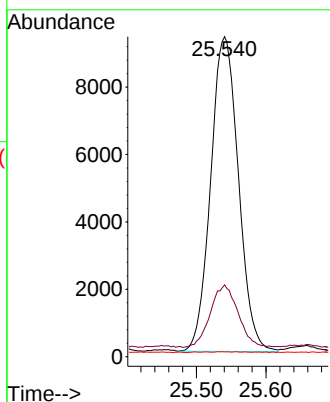
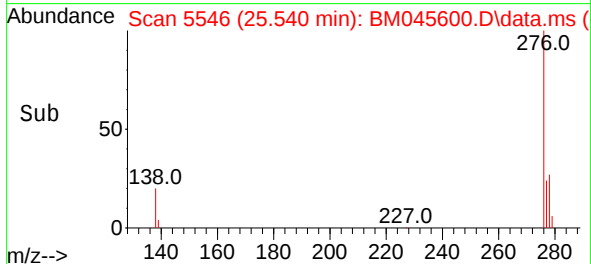
Instrument :
BNA_M
ClientSampleId :
E1CX4MSD



Tgt Ion:276 Resp: 25904
Ion Ratio Lower Upper
276 100
138 19.8 19.8 29.6
227 0.1 0.2 0.2

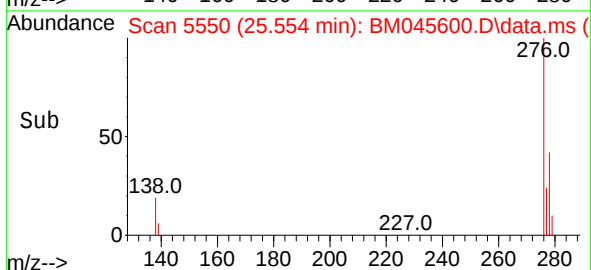
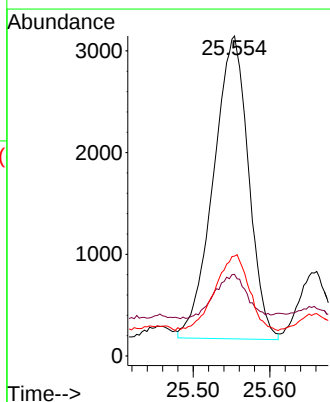
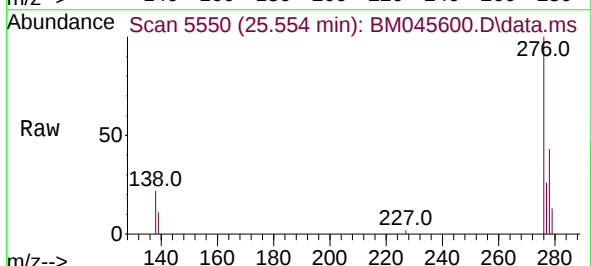
Manual Integrations
APPROVED

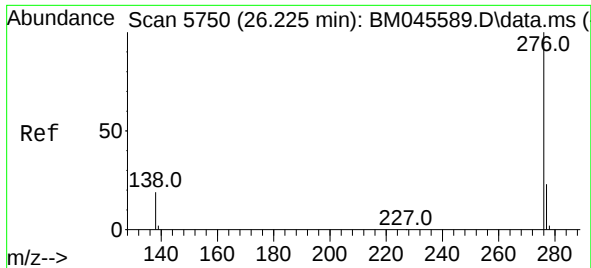
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.677 ng/ul
RT: 25.554 min Scan# 5550
Delta R.T. -0.034 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

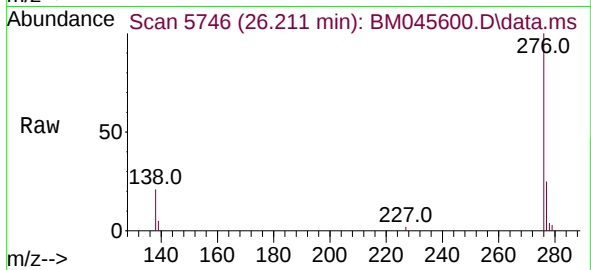
Tgt Ion:278 Resp: 9465
Ion Ratio Lower Upper
278 100
139 25.5 19.0 28.6
279 31.2 29.4 44.2





#29
Benzo(g,h,i)perylene
Concen: 1.522 ng/ul
RT: 26.211 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM045600.D
Acq: 26 Apr 2024 22:44

Instrument :
BNA_M
ClientSampleId :
E1CX4MSD



Tgt Ion:276 Resp: 2413
Ion Ratio Lower Upper
276 100
138 21.4 20.8 31.2
277 25.2 21.8 32.8

Manual Integrations
APPROVED

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

