

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045598.D
 Acq On : 26 Apr 2024 21:30
 Operator : MA/JU
 Sample : P2203-20
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX4

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 23:53:41 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	7.547	152	1015	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	2876	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1425	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.954	188	2656m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	2344	0.400	ng/ul	#-0.02
23) Perylene-d12	23.364	264	2850m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	7616	5.598	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.909	152	1248	0.329	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212	2074	0.281	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.352	128	37253	4.823	ng/ul#	86
7) 2-Methylnaphthalene	11.986	142	10666	2.418	ng/ul	97
8) 1-Methylnaphthalene	12.206	142	4993	1.009	ng/ul	99
10) Acenaphthylene	13.913	152	4681	0.666	ng/ul	97
11) Acenaphthene	14.256	153	18045	3.458	ng/ul	96
12) Fluorene	15.255	166	23064	4.132	ng/ul#	97
15) Phenanthrene	16.997	178	125254m	16.193	ng/ul	
16) Anthracene	17.094	178	35298	4.877	ng/ul#	90
19) Fluoranthene	19.029	202	111657	10.322	ng/ul#	90
20) Pyrene	19.396	202	80088	7.203	ng/ul#	91
21) Benzo(a)anthracene	21.158	228	37900	5.058	ng/ul	95
22) Chrysene	21.211	228	37049	3.216	ng/ul	99
24) Benzo(b)fluoranthene	22.710	252	50581m	5.276	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	18176m	1.501	ng/ul	
26) Benzo(a)pyrene	23.265	252	30782	3.096	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.541	276	25336	1.753	ng/ul	91
28) Dibenzo(a,h)anthracene	25.545	278	6959	0.607	ng/ul#	82
29) Benzo(g,h,i)perylene	26.209	276	23967	1.846	ng/ul	98

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

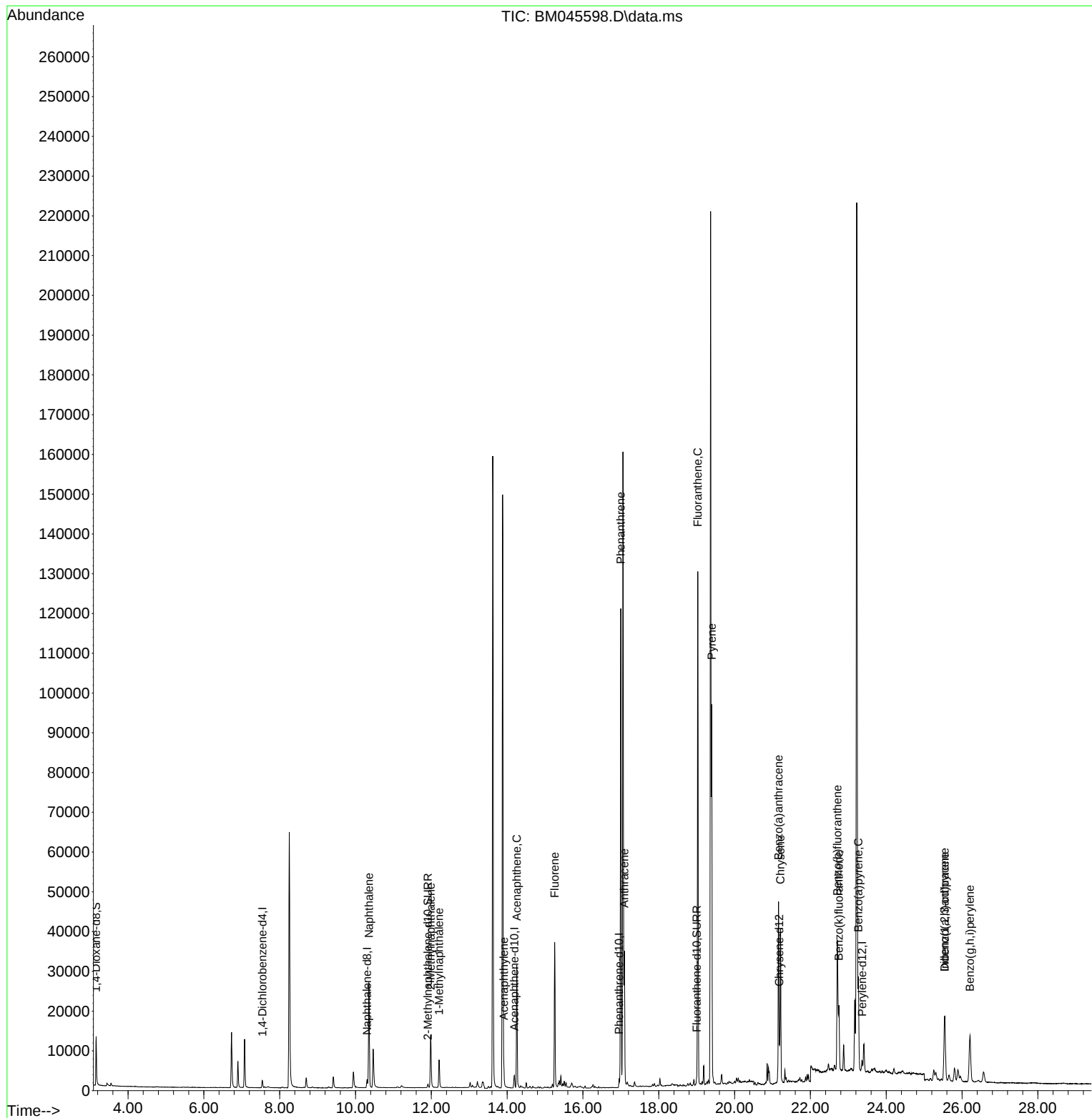
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045598.D
Acq On : 26 Apr 2024 21:30
Operator : MA/JU
Sample : P2203-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

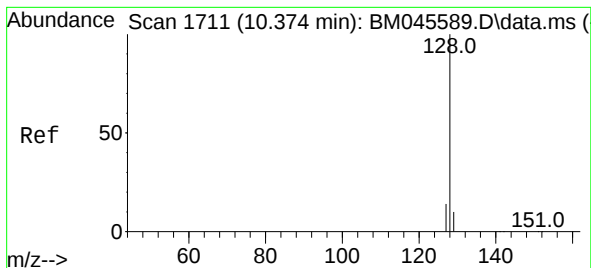
Instrument :
BNA_M
ClientSampleId :
E1CX4

Manual Integrations
APPROVED

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

Quant Time: Apr 26 23:53:41 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





#5

Naphthalene

Concen: 4.823 ng/ul

RT: 10.352 min Scan# 1707

Delta R.T. -0.027 min

Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

Instrument :

BNA_M

ClientSampleId :

E1CX4

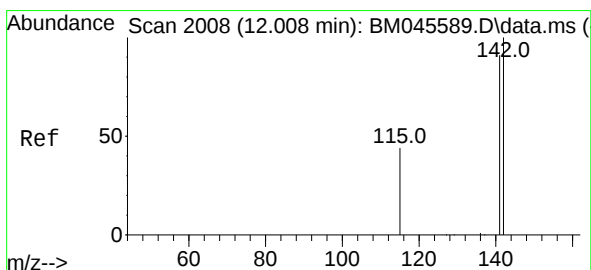
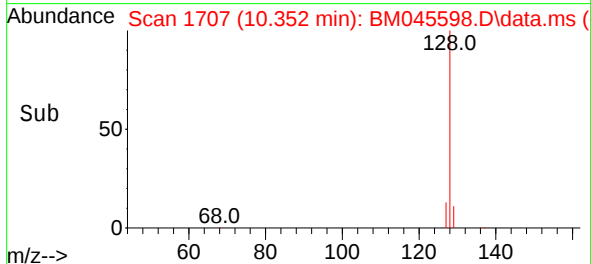
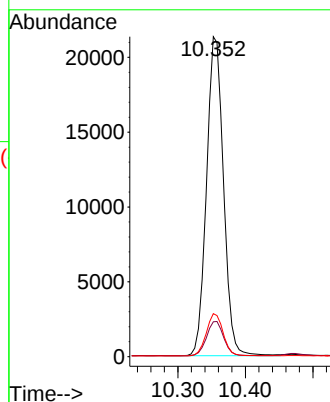
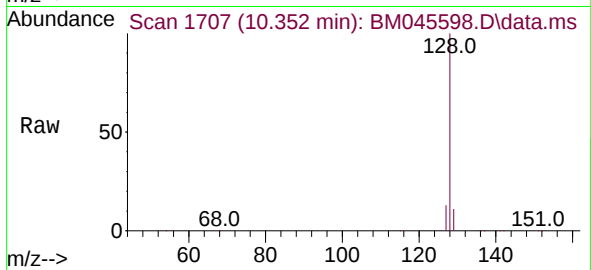
Tgt Ion:128	Resp:	3725
Ion Ratio	Lower	Upper
128	100	
129	10.9	14.0 21.0
127	13.5	15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/27/2024

Supervised By :mohammad ahmed 04/27/2024



#7

2-Methylnaphthalene

Concen: 2.418 ng/ul

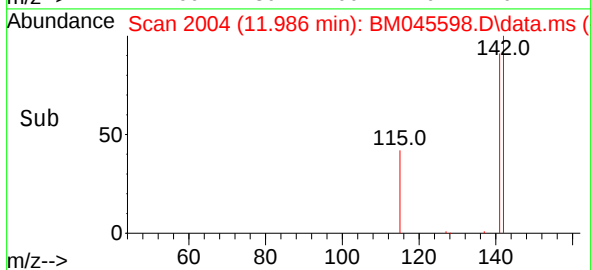
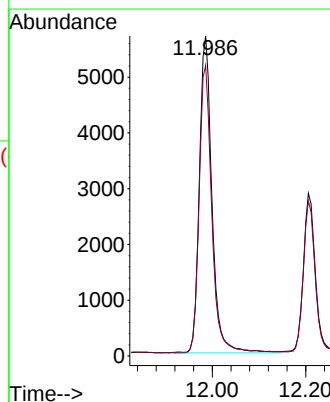
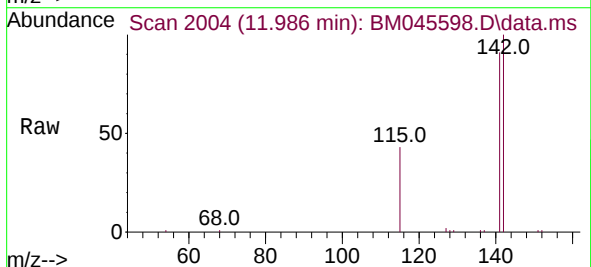
RT: 11.986 min Scan# 2004

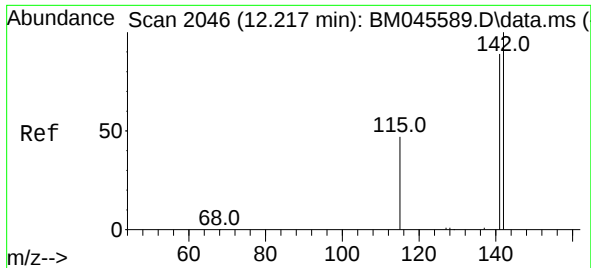
Delta R.T. -0.022 min

Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

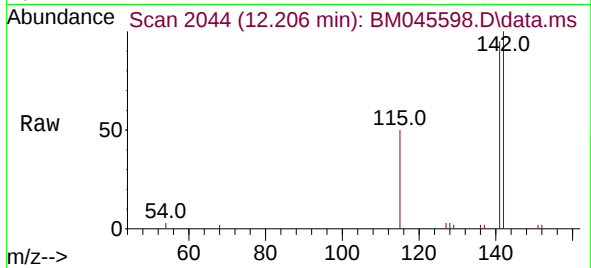
Tgt Ion:142	Resp:	10666
Ion Ratio	Lower	Upper
142	100	
141	90.2	74.6 111.8





#8
1-Methylnaphthalene
Concen: 1.009 ng/ul
RT: 12.206 min Scan# 2044
Delta R.T. -0.016 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

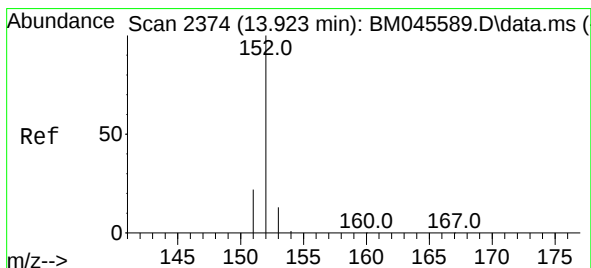
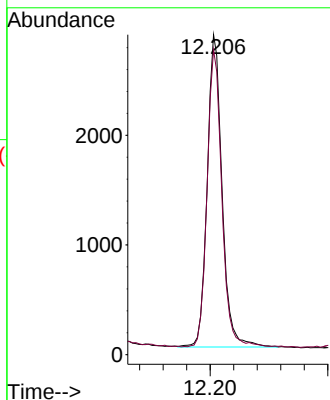
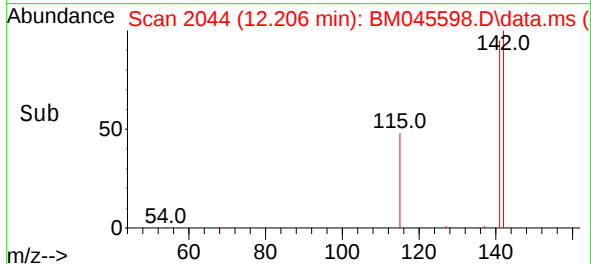
Instrument :
BNA_M
ClientSampleId :
E1CX4



Tgt Ion:142 Resp: 499
Ion Ratio Lower Upper
142 100
141 94.2 76.1 114.1

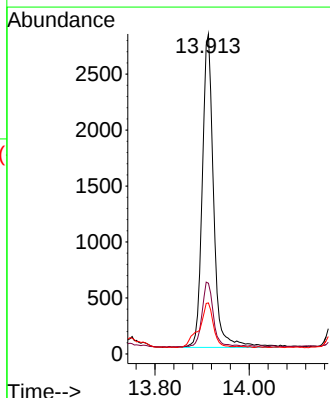
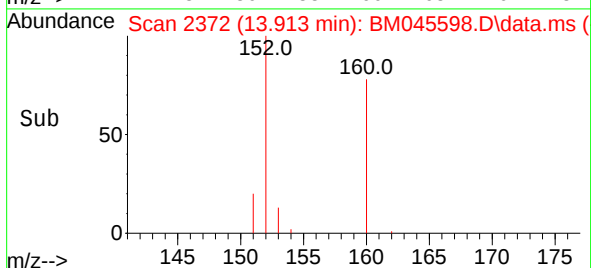
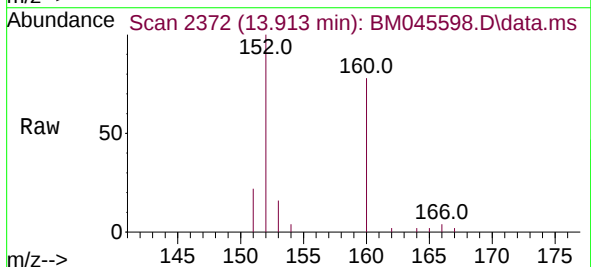
Manual Integrations
APPROVED

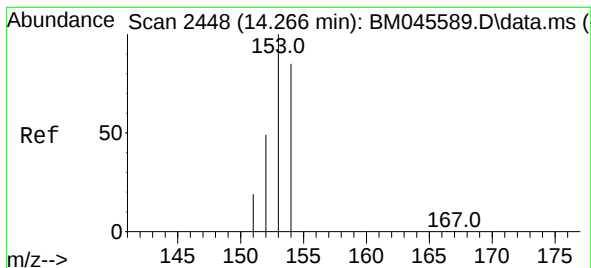
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Acenaphthylene
Concen: 0.666 ng/ul
RT: 13.913 min Scan# 2372
Delta R.T. -0.014 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

Tgt Ion:152 Resp: 4681
Ion Ratio Lower Upper
152 100
151 22.1 18.6 28.0
153 15.9 14.1 21.1





#11

Acenaphthene

Concen: 3.458 ng/ul

RT: 14.256 min Scan# 2446

Delta R.T. -0.014 min

Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

Instrument :

BNA_M

ClientSampleId :

E1CX4

Tgt Ion:153 Resp: 1804

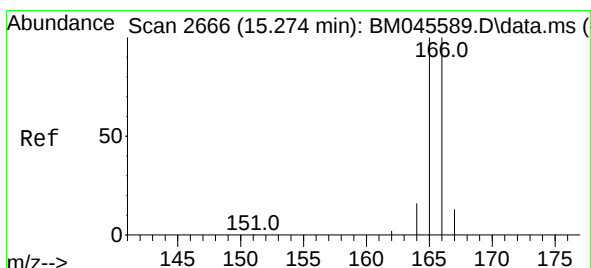
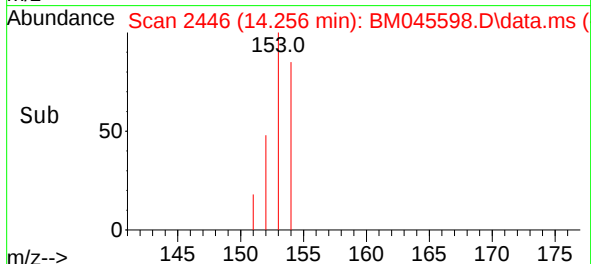
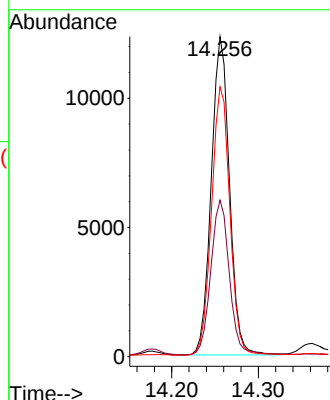
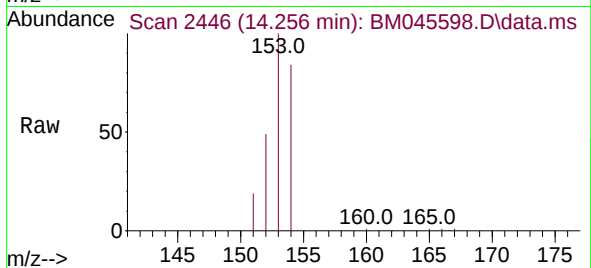
Ion	Ratio	Lower	Upper
153	100		
152	48.9	43.4	65.2
154	84.3	69.0	103.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/27/2024

Supervised By :mohammad ahmed 04/27/2024



#12

Fluorene

Concen: 4.132 ng/ul

RT: 15.255 min Scan# 2662

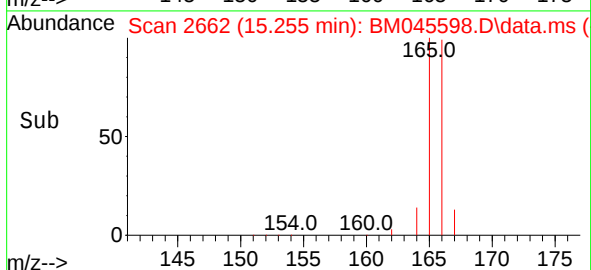
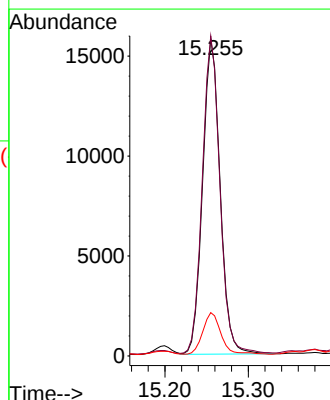
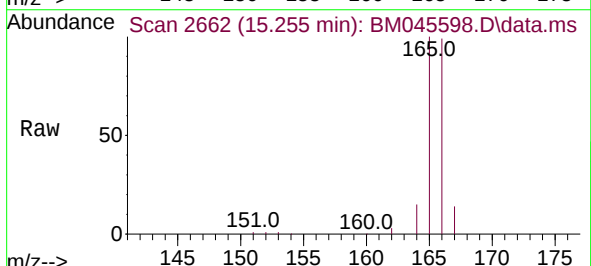
Delta R.T. -0.023 min

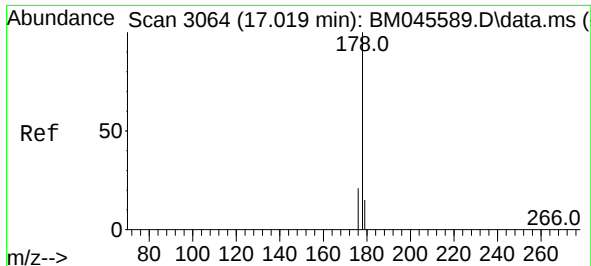
Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

Tgt Ion:166 Resp: 23064

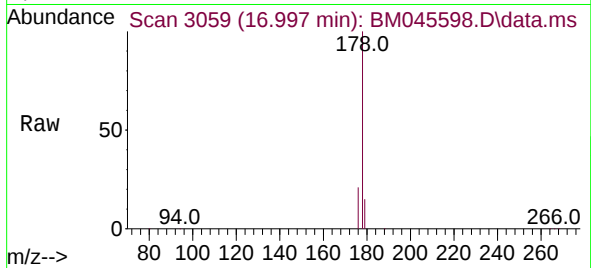
Ion	Ratio	Lower	Upper
166	100		
165	100.9	82.2	123.2
167	13.7	14.8	22.2#





#15
Phenanthrene
Concen: 16.193 ng/ul m
RT: 16.997 min Scan# 3059
Delta R.T. -0.025 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

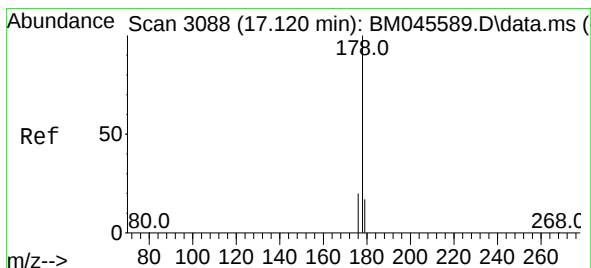
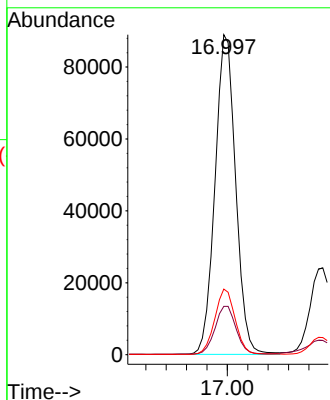
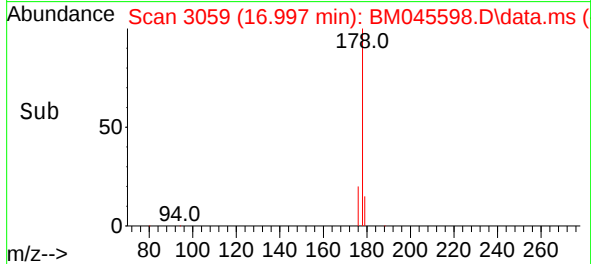
Instrument :
BNA_M
ClientSampleId :
E1CX4



Tgt Ion:178 Resp: 125254
Ion Ratio Lower Upper
178 100
179 15.1 15.4 23.2
176 20.5 19.0 28.4

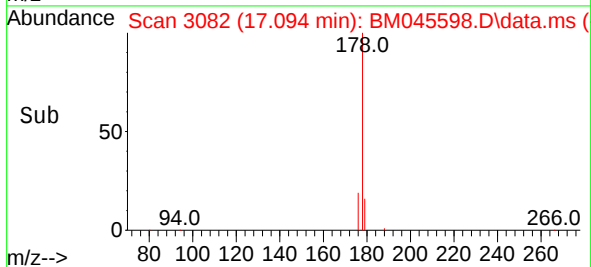
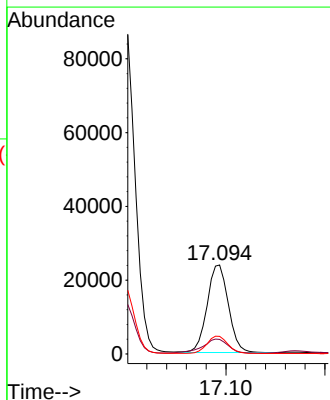
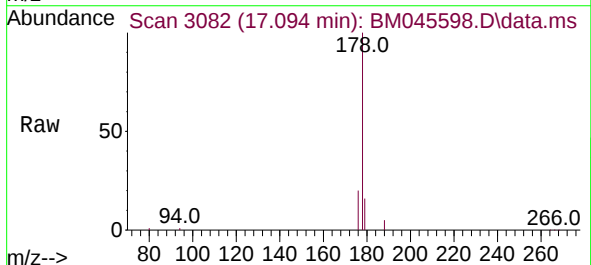
Manual Integrations
APPROVED

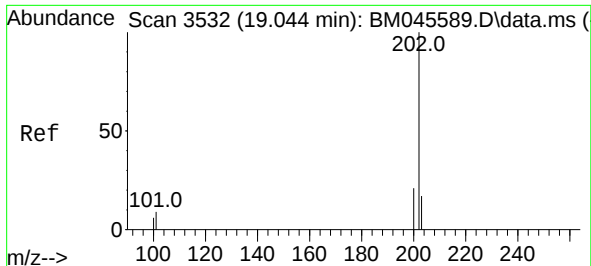
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 4.877 ng/ul
RT: 17.094 min Scan# 3082
Delta R.T. -0.025 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

Tgt Ion:178 Resp: 35298
Ion Ratio Lower Upper
178 100
179 16.4 17.8 26.6
176 19.8 18.7 28.1





#19

Fluoranthene

Concen: 10.322 ng/ul

RT: 19.029 min Scan# 3529

Delta R.T. -0.019 min

Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

Instrument :

BNA_M

ClientSampleId :

E1CX4

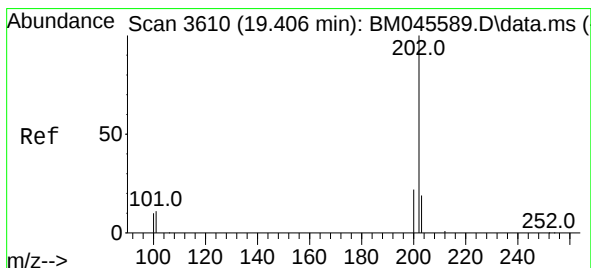
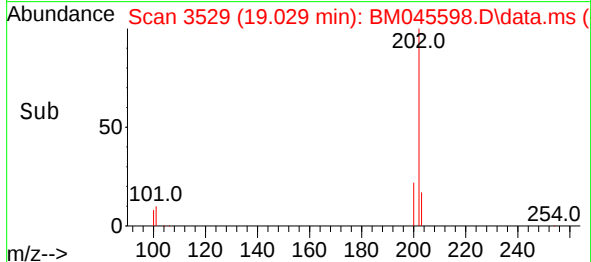
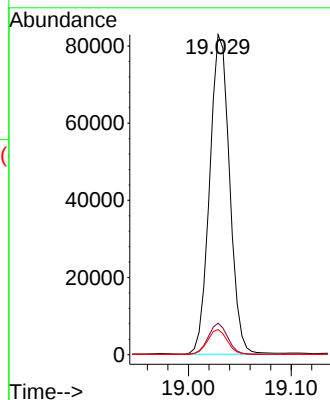
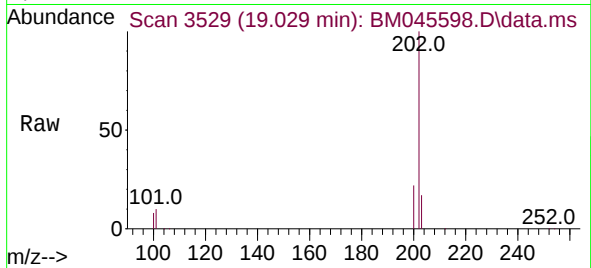
Tgt Ion:202	Resp:	11165
Ion Ratio	Lower	Upper
202	100	
101	9.9	11.2 16.8#
100	7.9	9.1 13.7#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/27/2024

Supervised By :mohammad ahmed 04/27/2024



#20

Pyrene

Concen: 7.203 ng/ul

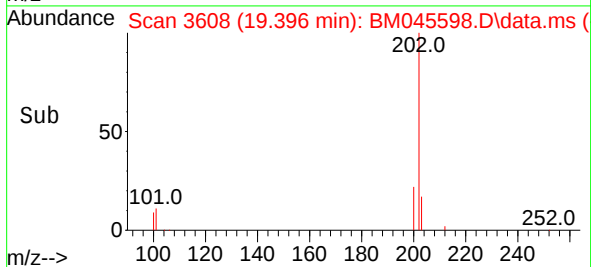
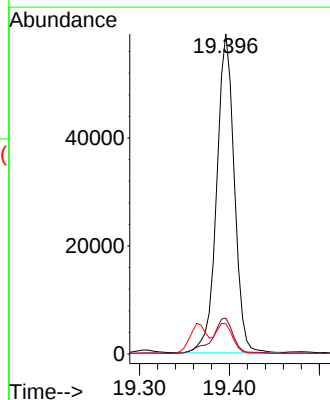
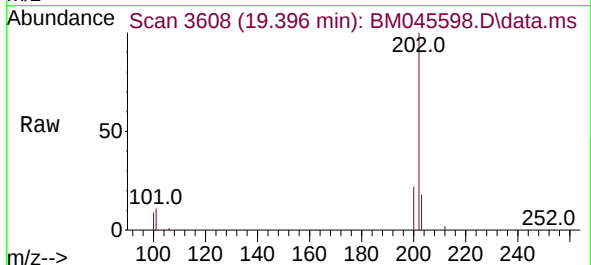
RT: 19.396 min Scan# 3608

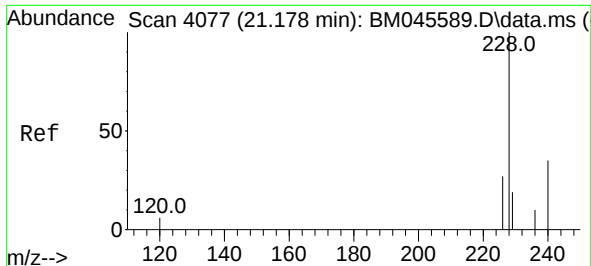
Delta R.T. -0.019 min

Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

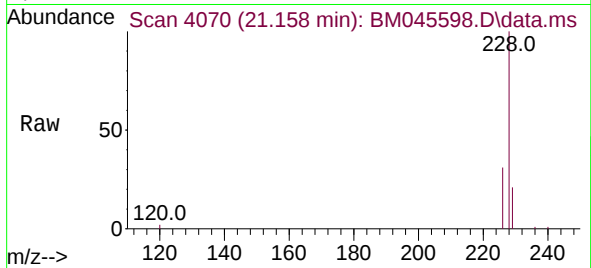
Tgt Ion:202	Resp:	80088
Ion Ratio	Lower	Upper
202	100	
101	11.2	11.5 17.3#
100	9.5	10.6 15.8#





#21
Benzo(a)anthracene
Concen: 5.058 ng/ul
RT: 21.158 min Scan# 4070
Delta R.T. -0.023 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

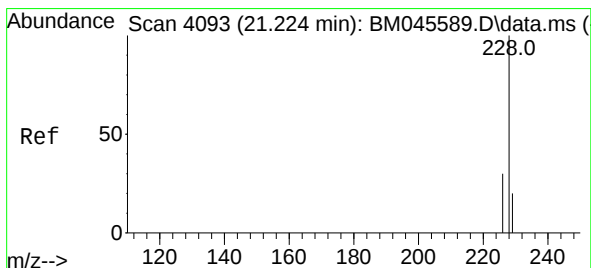
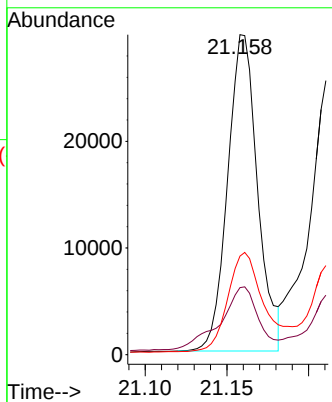
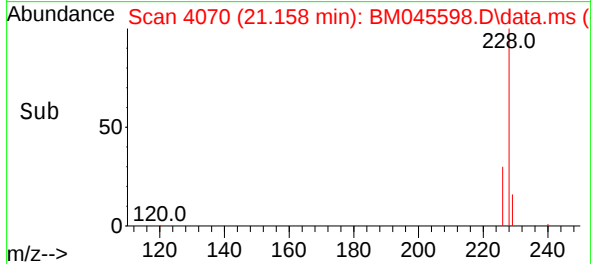
Instrument :
BNA_M
ClientSampleId :
E1CX4



Tgt Ion:228 Resp: 37900
Ion Ratio Lower Upper
228 100
229 21.0 19.4 29.2
226 30.8 26.3 39.5

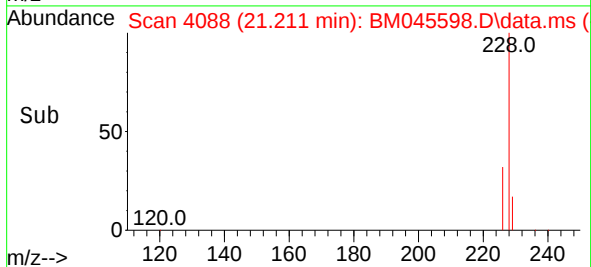
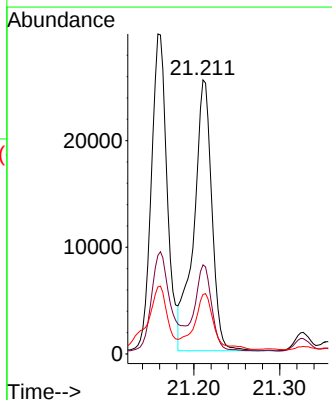
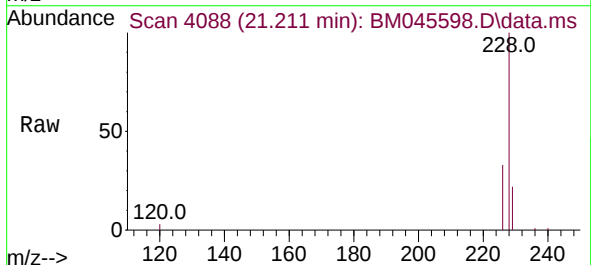
Manual Integrations
APPROVED

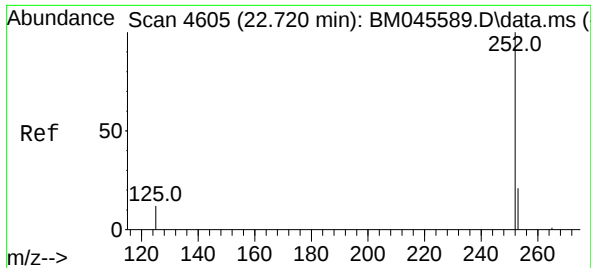
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 3.216 ng/ul
RT: 21.211 min Scan# 4088
Delta R.T. -0.017 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

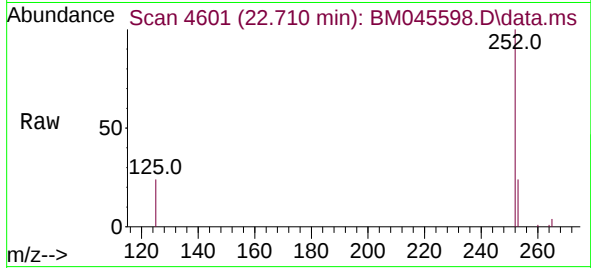
Tgt Ion:228 Resp: 37049
Ion Ratio Lower Upper
228 100
226 32.5 26.3 39.5
229 21.7 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 5.276 ng/ul m
RT: 22.710 min Scan# 4601
Delta R.T. -0.020 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

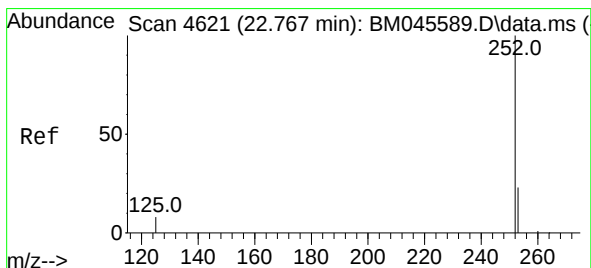
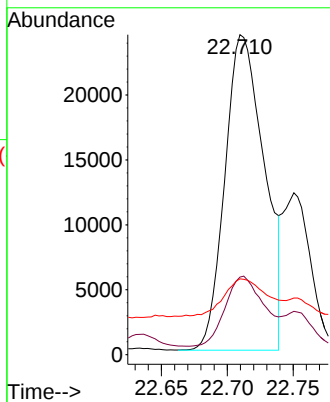
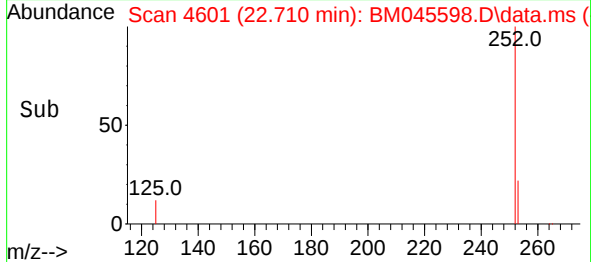
Instrument :
BNA_M
ClientSampleId :
E1CX4



Tgt Ion:252 Resp: 5058
Ion Ratio Lower Upper
252 100
253 24.2 0.0 63.4
125 23.7 0.0 36.8

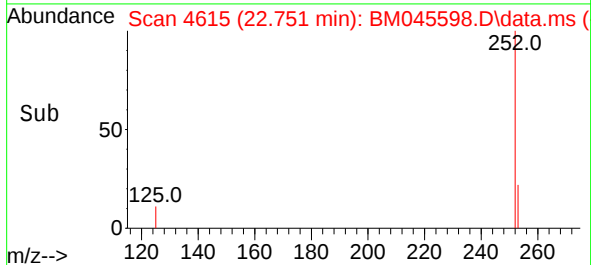
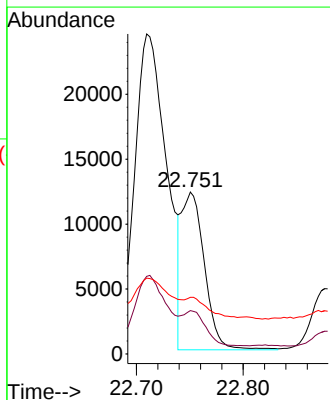
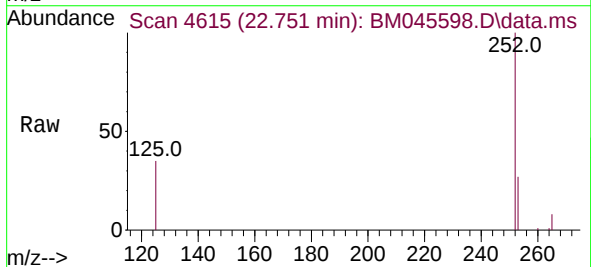
Manual Integrations
APPROVED

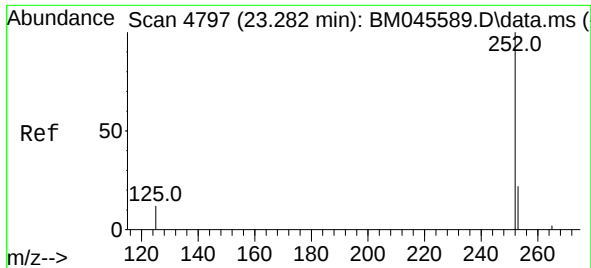
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 1.501 ng/ul m
RT: 22.751 min Scan# 4615
Delta R.T. -0.020 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

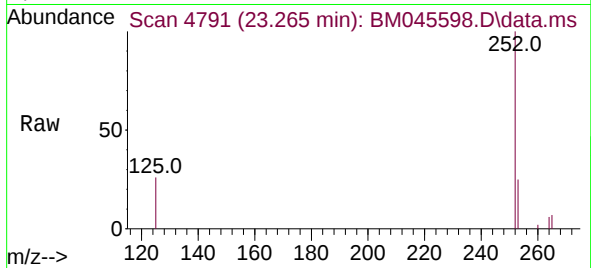
Tgt Ion:252 Resp: 18176
Ion Ratio Lower Upper
252 100
253 26.8 25.4 38.0
125 35.0 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 3.096 ng/ul
RT: 23.265 min Scan# 4791
Delta R.T. -0.026 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

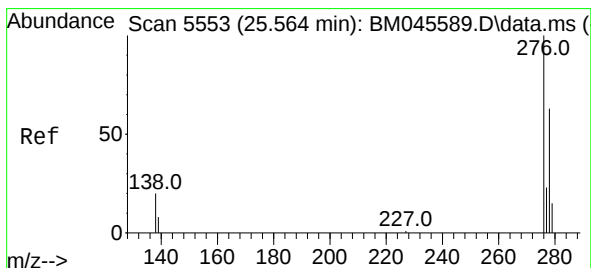
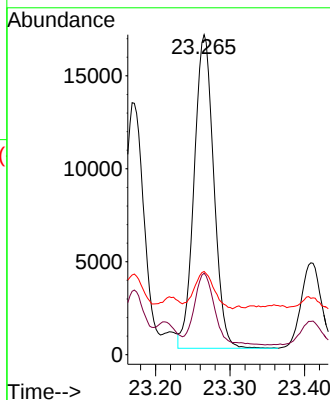
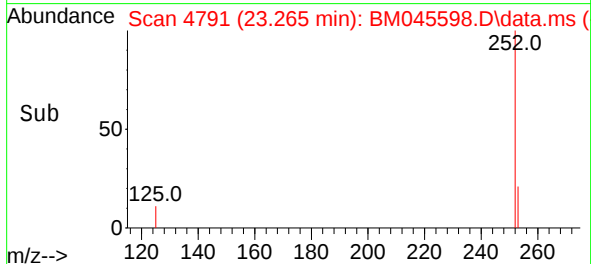
Instrument :
BNA_M
ClientSampleId :
E1CX4



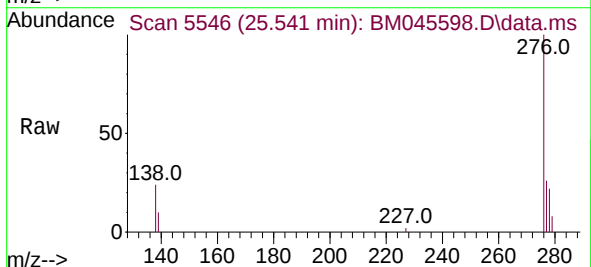
Tgt Ion:252 Resp: 3078
Ion Ratio Lower Upper
252 100
253 25.5 31.6 47.4
125 26.0 19.5 29.3

Manual Integrations
APPROVED

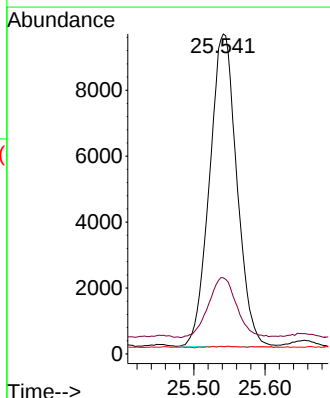
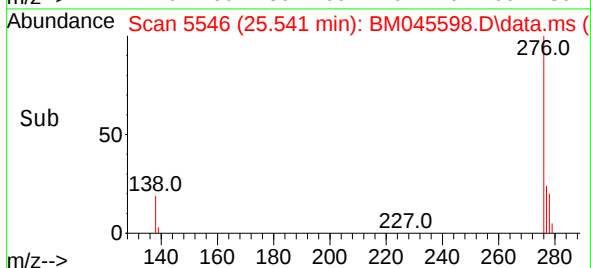
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024

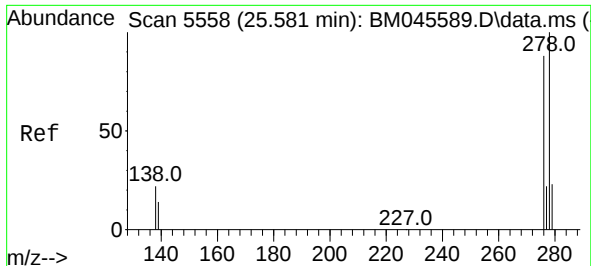


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.753 ng/ul
RT: 25.541 min Scan# 5546
Delta R.T. -0.030 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30



Tgt Ion:276 Resp: 25336
Ion Ratio Lower Upper
276 100
138 20.4 19.8 29.6
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.607 ng/ul

RT: 25.545 min Scan# 5547

Delta R.T. -0.044 min

Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

Instrument :

BNA_M

ClientSampleId :

E1CX4

Tgt Ion:278 Resp: 695

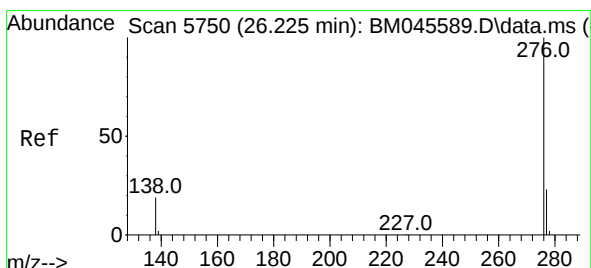
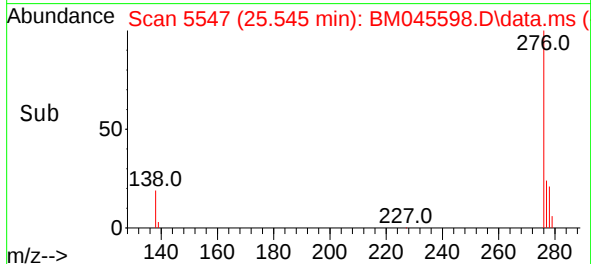
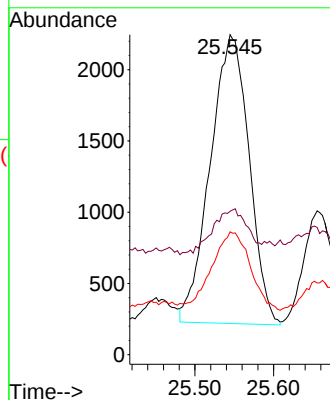
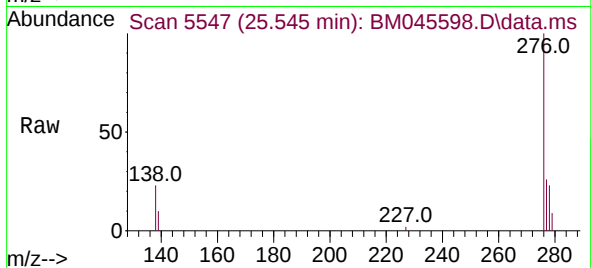
Ion	Ratio	Lower	Upper
278	100		
139	44.8	19.0	28.6
279	38.4	29.4	44.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/27/2024

Supervised By :mohammad ahmed 04/27/2024



#29

Benzo(g,h,i)perylene

Concen: 1.846 ng/ul

RT: 26.209 min Scan# 5745

Delta R.T. -0.027 min

Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

Tgt Ion:276 Resp: 23967

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.8	31.2
277	26.3	21.8	32.8

