

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045702.D
 Acq On : 03 May 2024 18:54
 Operator : MA/JU
 Sample : P2238-01DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/06/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 23:27:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 03 03:27:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	263	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.314	136	807	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.178	164	550	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.947	188	1203	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.172	240	1333	0.400	ng/ul	-0.01
23) Perylene-d12	23.346	264	1777m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.150	96	171	0.574	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	44	0.035	ng/ul	-0.02
18) Fluoranthene-d10	18.983	212	145	0.043	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	169	0.082	ng/ul#	64
7) 2-Methylnaphthalene	12.008	142	61	0.049	ng/ul	84
8) 1-Methylnaphthalene	12.217	142	38	0.028	ng/ul	97
10) Acenaphthylene	13.900	152	66	0.029	ng/ul#	24
11) Acenaphthene	14.243	153	258	0.151	ng/ul	92
12) Fluorene	15.247	166	146	0.074	ng/ul#	87
15) Phenanthrene	16.989	178	3022	1.011	ng/ul#	90
16) Anthracene	17.086	178	589	0.203	ng/ul	93
19) Fluoranthene	19.016	202	2582	0.610	ng/ul#	91
20) Pyrene	19.383	202	1978	0.439	ng/ul#	95
21) Benzo(a)anthracene	21.160	228	819	0.211	ng/ul	92
22) Chrysene	21.207	228	824	0.150	ng/ul	94
24) Benzo(b)fluoranthene	22.694	252	1209m	0.244	ng/ul	
25) Benzo(k)fluoranthene	22.732	252	489m	0.080	ng/ul	
26) Benzo(a)pyrene	23.247	252	819	0.149	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.537	276	570	0.075	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.557	278	147	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	26.191	276	607	0.091	ng/ul#	76

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

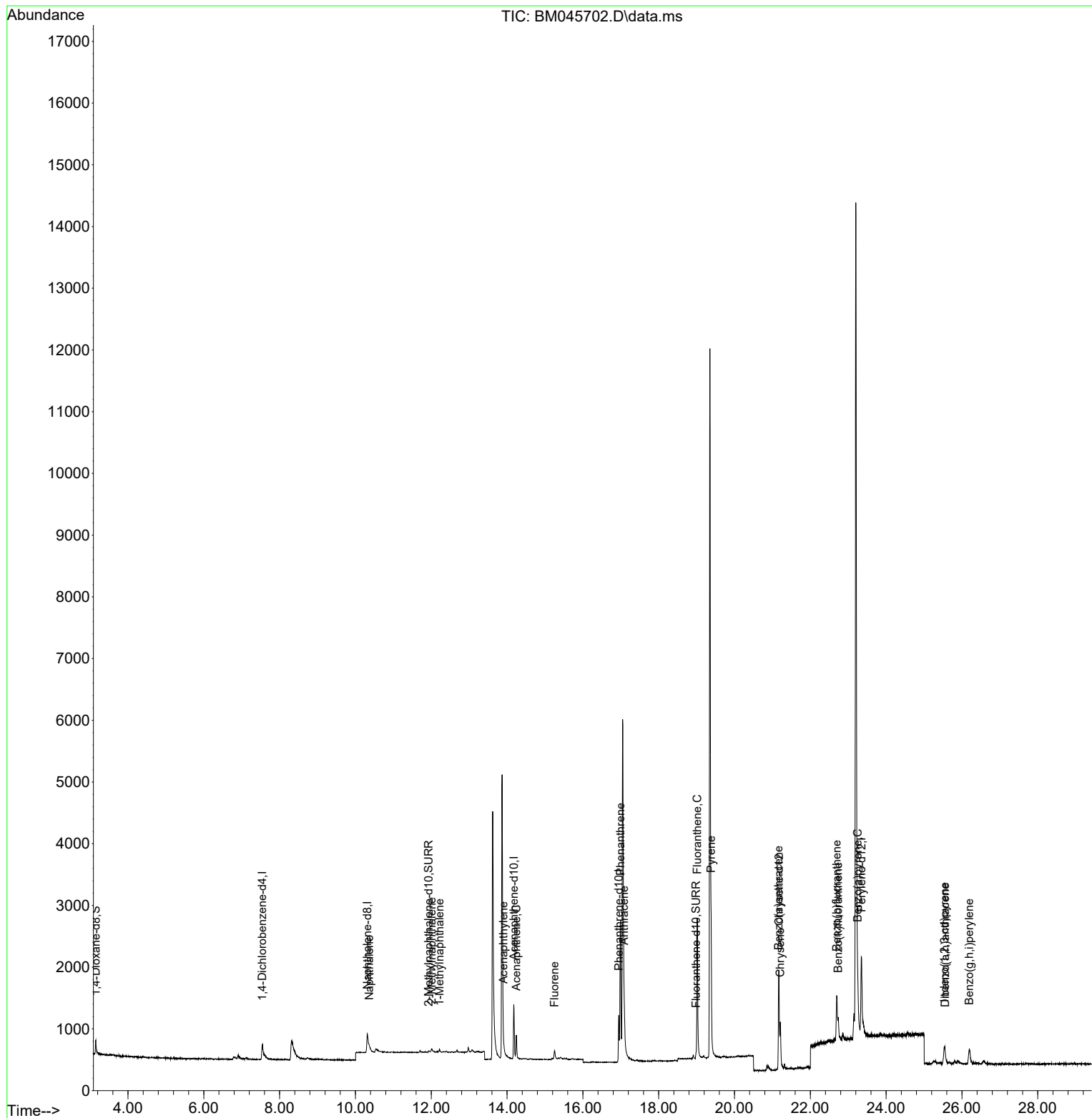
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045702.D
Acq On : 03 May 2024 18:54
Operator : MA/JU
Sample : P2238-01DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

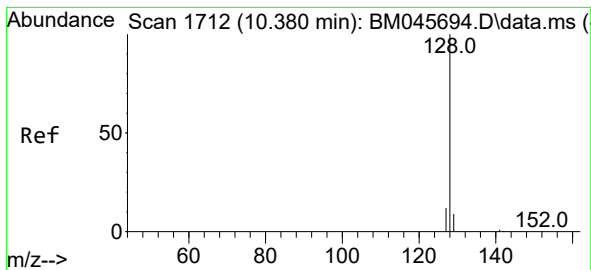
Instrument :
BNA_M
ClientSampleId :
E1CX5DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024

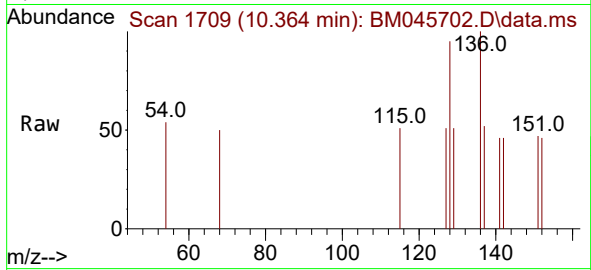
Quant Time: May 03 23:27:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:27:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.364 min Scan# 1712
Delta R.T. -0.027 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54

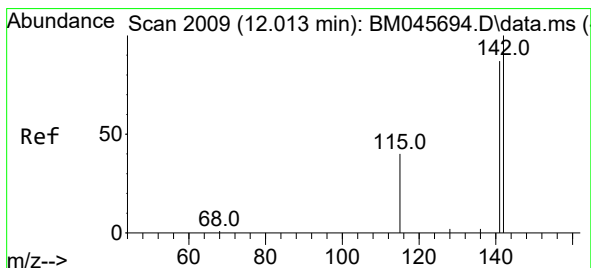
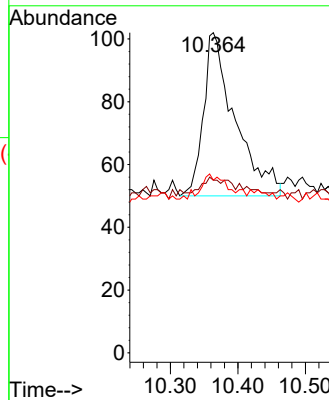
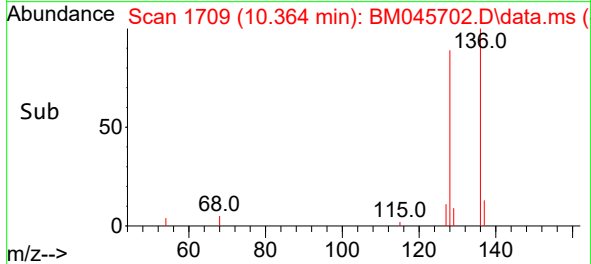
Instrument :
BNA_M
ClientSampleId :
E1CX5DL



Tgt Ion:128 Resp: 169
Ion Ratio Lower Upper
128 100
129 53.9 26.2 39.4
127 53.9 27.4 41.2

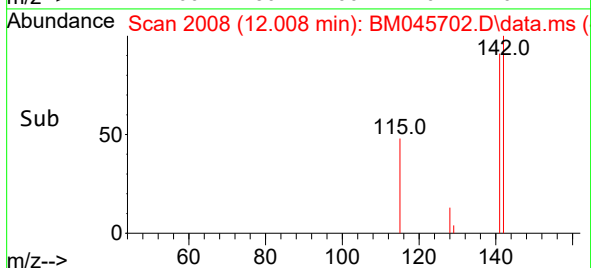
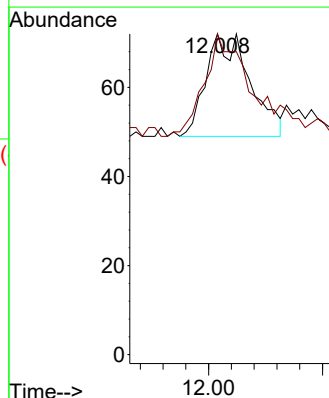
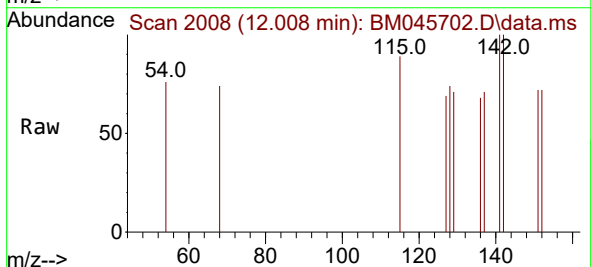
Manual Integrations
APPROVED

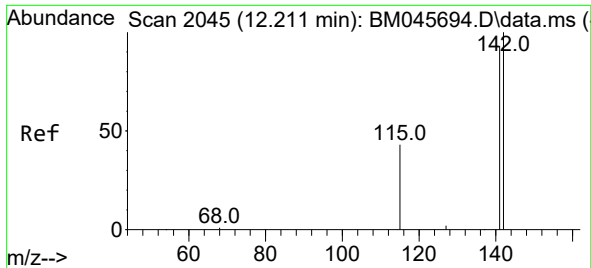
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#7
2-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.008 min Scan# 2008
Delta R.T. -0.022 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54

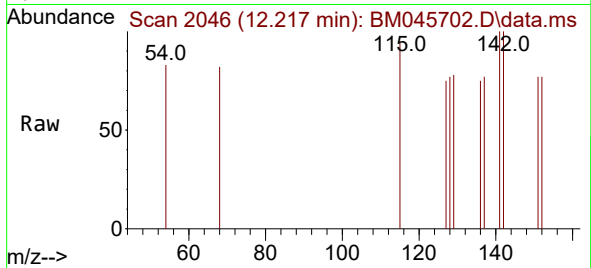
Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
141 111.5 76.9 115.3





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.217 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54

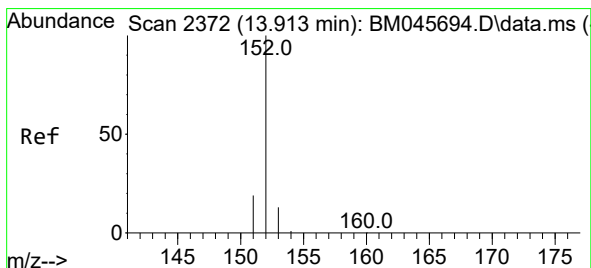
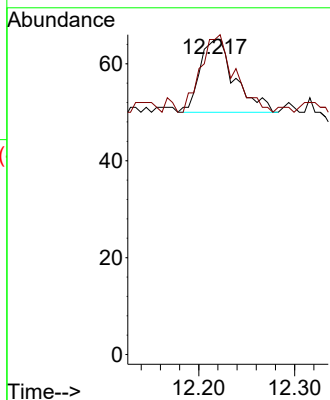
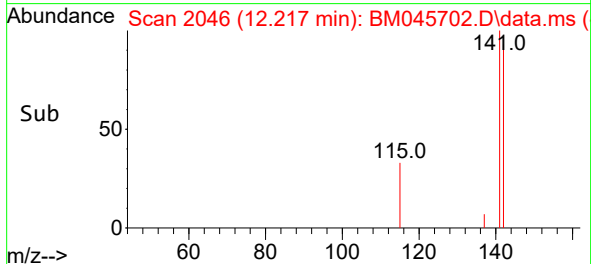
Instrument :
BNA_M
ClientSampleId :
E1CX5DL



Tgt Ion:142 Resp: 38
Ion Ratio Lower Upper
142 100
141 102.6 79.4 119.2

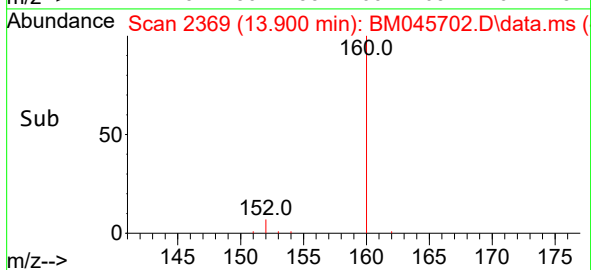
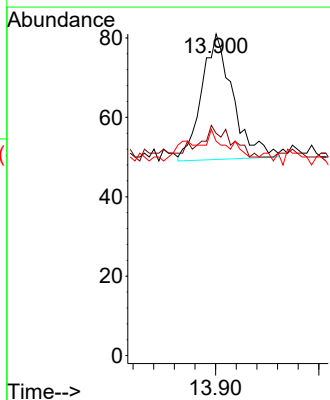
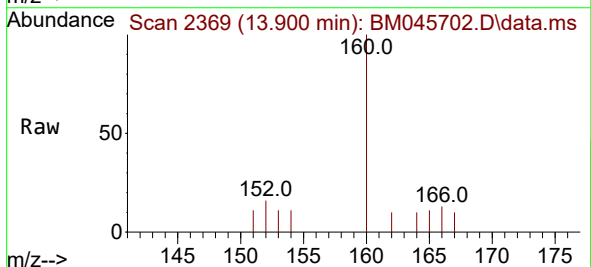
Manual Integrations
APPROVED

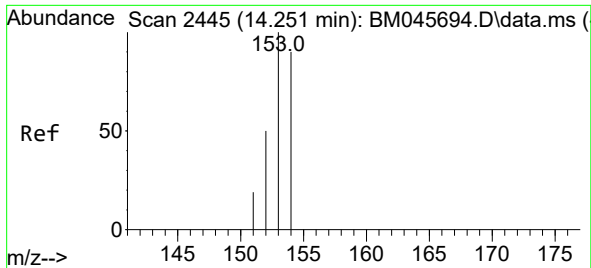
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 13.900 min Scan# 2369
Delta R.T. -0.028 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54

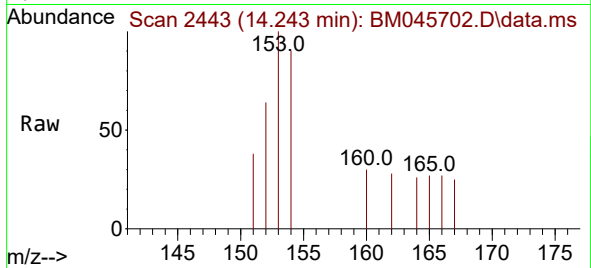
Tgt Ion:152 Resp: 66
Ion Ratio Lower Upper
152 100
151 69.1 25.0 37.4#
153 66.7 19.6 29.4#





#11
Acenaphthene
Concen: 0.151 ng/ul
RT: 14.243 min Scan# 2443
Delta R.T. -0.018 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54

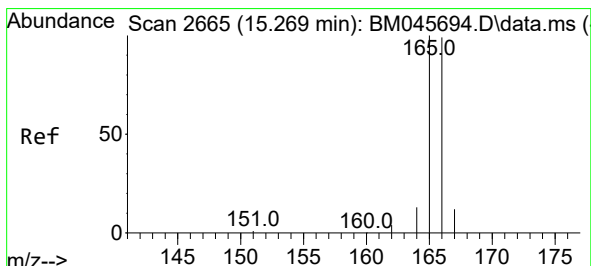
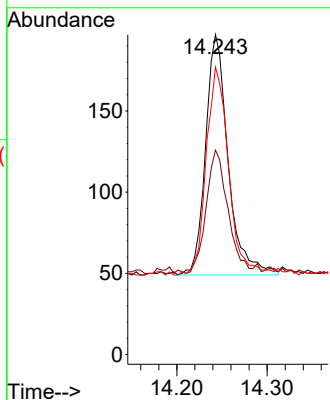
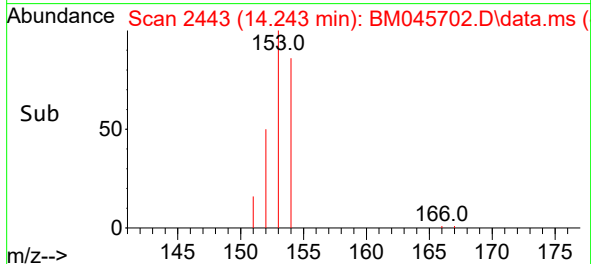
Instrument :
BNA_M
ClientSampleId :
E1CX5DL



Tgt Ion:153 Resp: 258
Ion Ratio Lower Upper
153 100
152 64.0 45.1 67.7
154 89.8 67.6 101.4

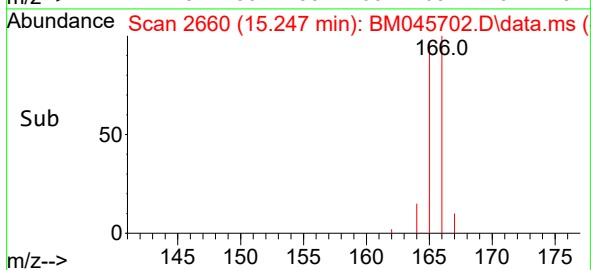
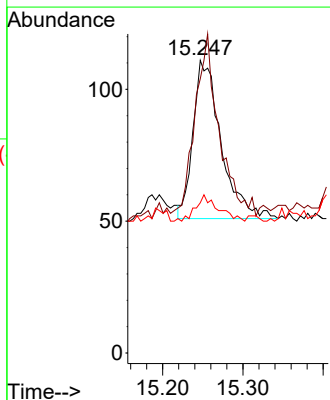
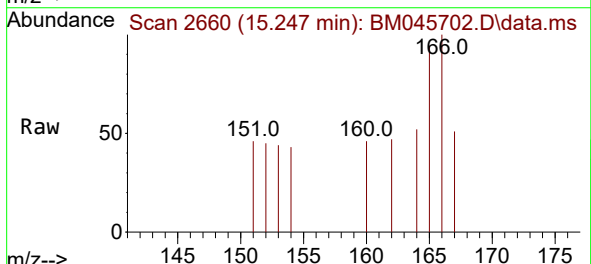
Manual Integrations
APPROVED

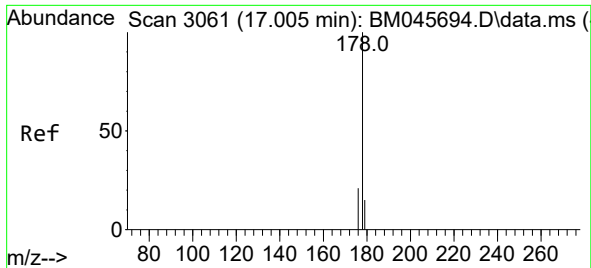
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#12
Fluorene
Concen: 0.074 ng/ul
RT: 15.247 min Scan# 2660
Delta R.T. -0.037 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54

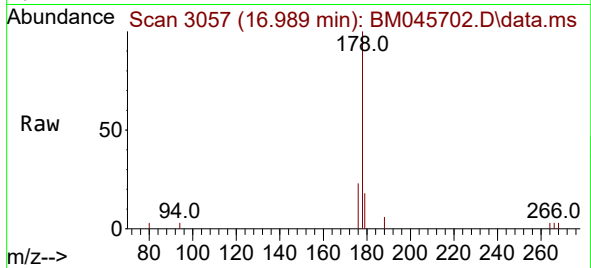
Tgt Ion:166 Resp: 146
Ion Ratio Lower Upper
166 100
165 93.7 77.5 116.3
167 51.4 21.8 32.6#





#15
Phenanthrene
Concen: 1.011 ng/ul
RT: 16.989 min Scan# 302
Delta R.T. -0.034 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54

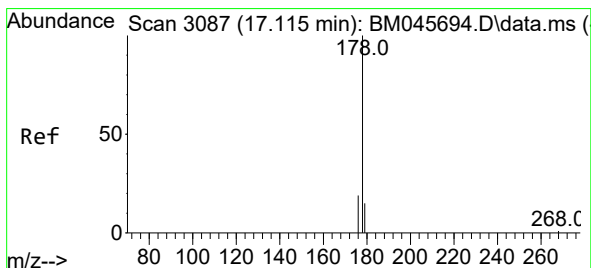
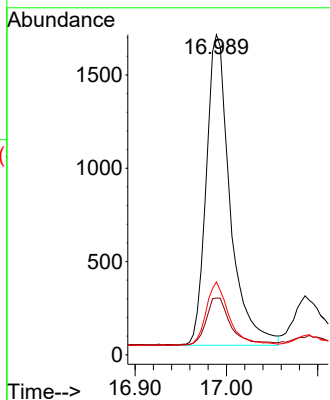
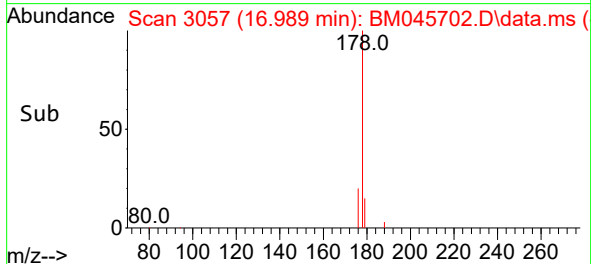
Instrument :
BNA_M
ClientSampleId :
E1CX5DL



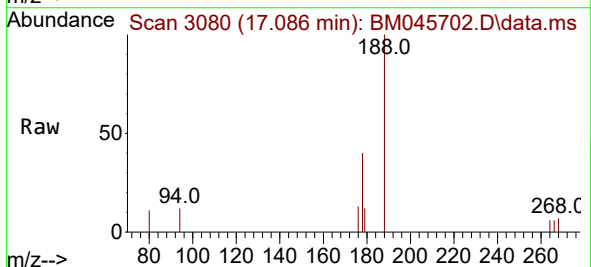
Tgt Ion:178 Resp: 302
Ion Ratio Lower Upper
178 100
179 17.7 18.3 27.5
176 22.8 21.8 32.6

Manual Integrations
APPROVED

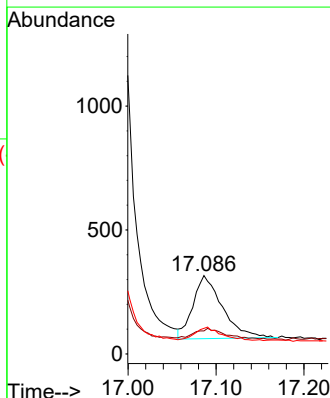
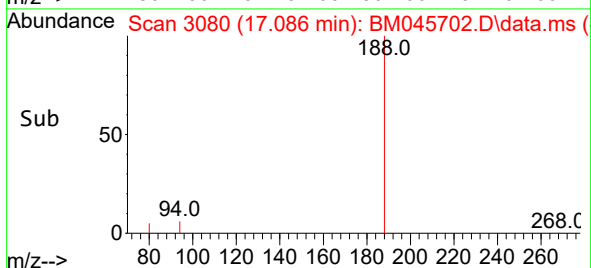
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024

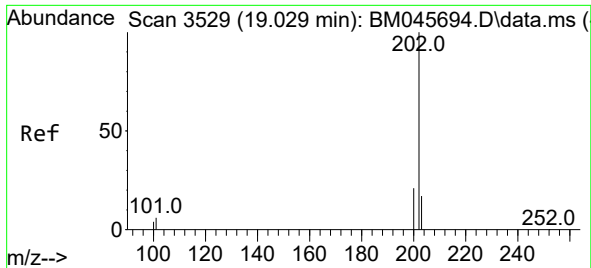


#16
Anthracene
Concen: 0.203 ng/ul
RT: 17.086 min Scan# 3080
Delta R.T. -0.042 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54



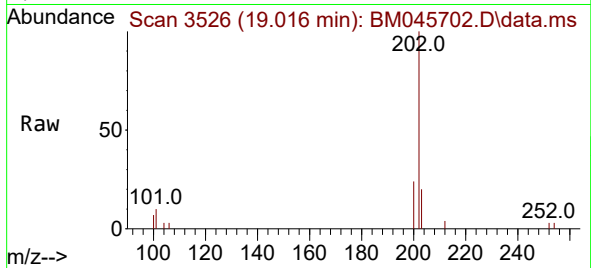
Tgt Ion:178 Resp: 589
Ion Ratio Lower Upper
178 100
179 29.4 20.9 31.3
176 32.6 22.9 34.3





#19
Fluoranthene
Concen: 0.610 ng/ul
RT: 19.016 min Scan# 3529
Delta R.T. -0.028 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54

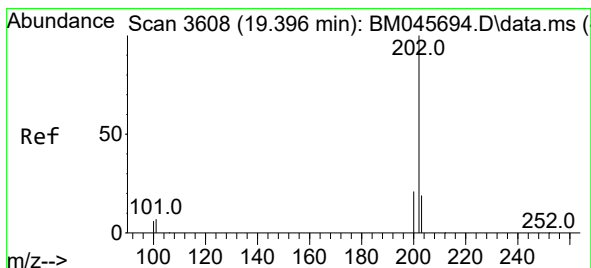
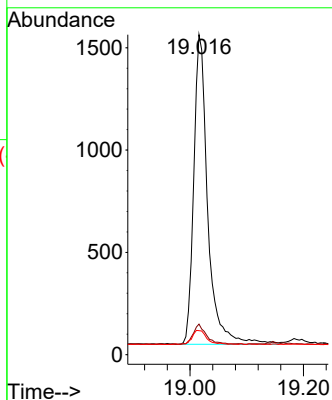
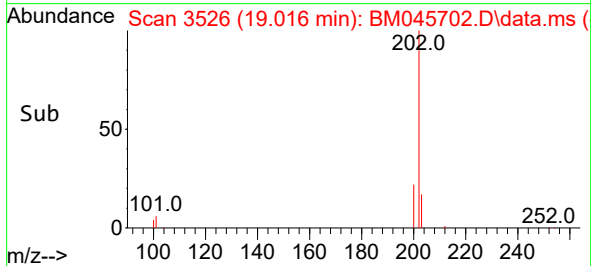
Instrument :
BNA_M
ClientSampleId :
E1CX5DL



Tgt Ion:202 Resp: 2582
Ion Ratio Lower Upper
202 100
101 9.5 10.1 15.1
100 7.5 9.4 14.0

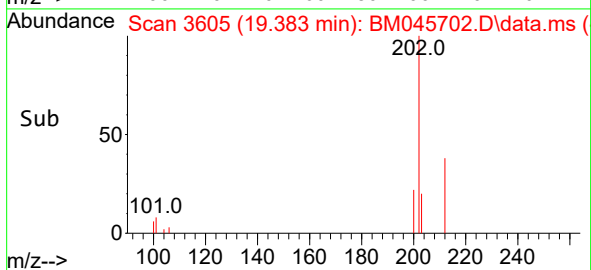
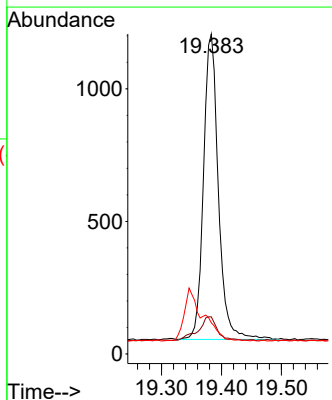
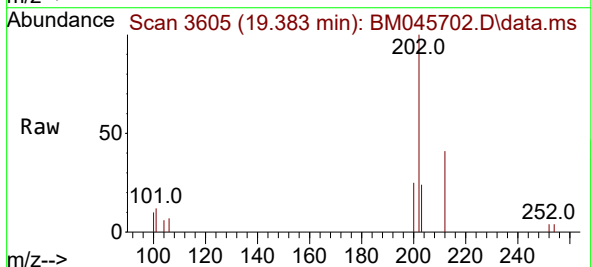
Manual Integrations
APPROVED

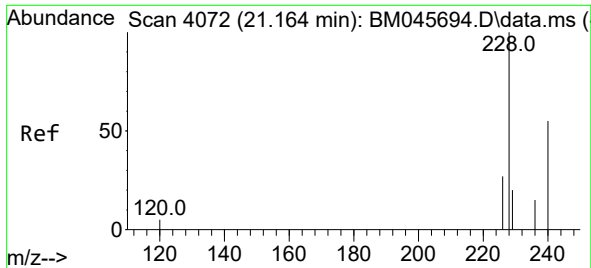
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#20
Pyrene
Concen: 0.439 ng/ul
RT: 19.383 min Scan# 3605
Delta R.T. -0.028 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54

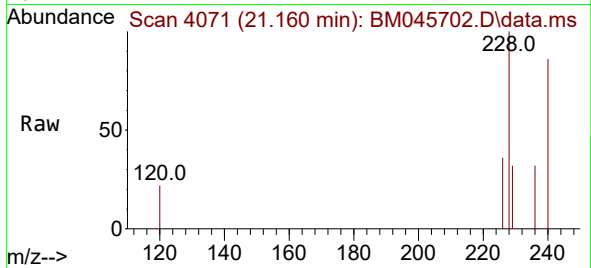
Tgt Ion:202 Resp: 1978
Ion Ratio Lower Upper
202 100
101 11.6 10.7 16.1
100 9.8 9.8 14.8





#21
Benzo(a)anthracene
Concen: 0.211 ng/ul
RT: 21.160 min Scan# 4072
Delta R.T. -0.017 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54

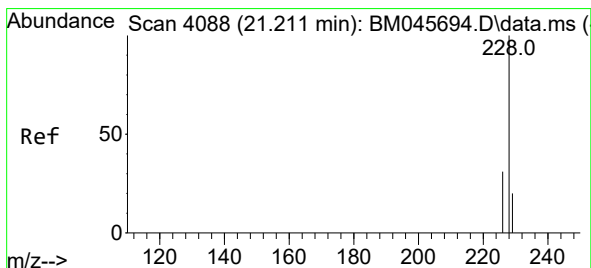
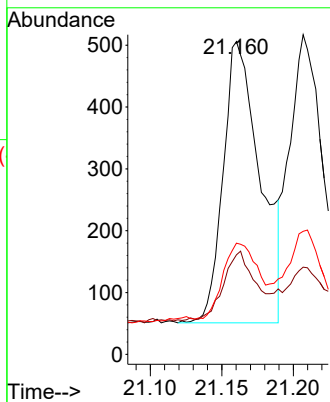
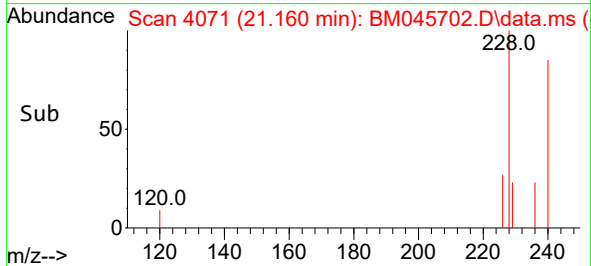
Instrument :
BNA_M
ClientSampleId :
E1CX5DL



Tgt Ion:228 Resp: 819
Ion Ratio Lower Upper
228 100
229 31.8 21.3 31.9
226 35.6 25.5 38.3

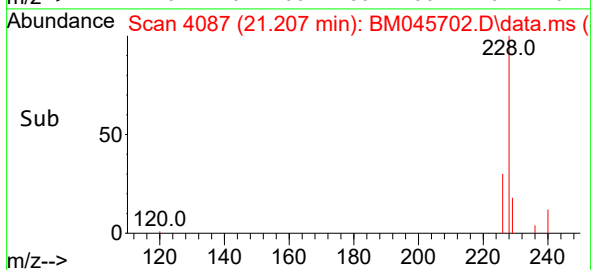
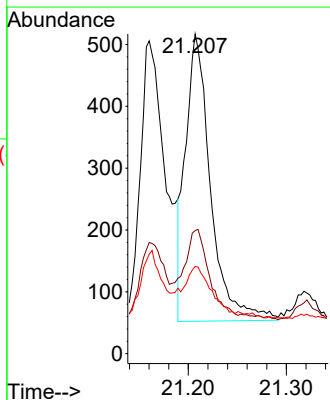
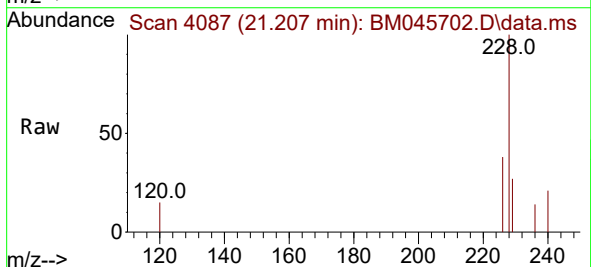
Manual Integrations
APPROVED

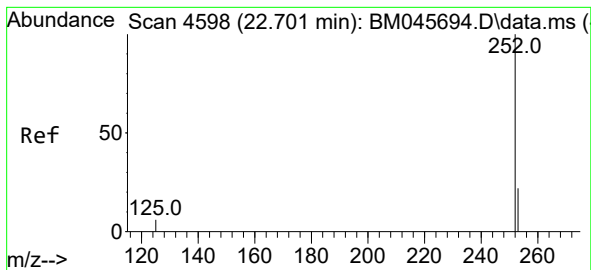
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#22
Chrysene
Concen: 0.150 ng/ul
RT: 21.207 min Scan# 4087
Delta R.T. -0.017 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54

Tgt Ion:228 Resp: 824
Ion Ratio Lower Upper
228 100
226 38.5 27.7 41.5
229 27.3 19.7 29.5





#24

Benzo(b)fluoranthene

Concen: 0.244 ng/ul m

RT: 22.694 min Scan# 4

Delta R.T. -0.026 min

Lab File: BM045702.D

Acq: 03 May 2024 18:54

Instrument :

BNA_M

ClientSampleId :

E1CX5DL

Tgt Ion:252 Resp: 1209

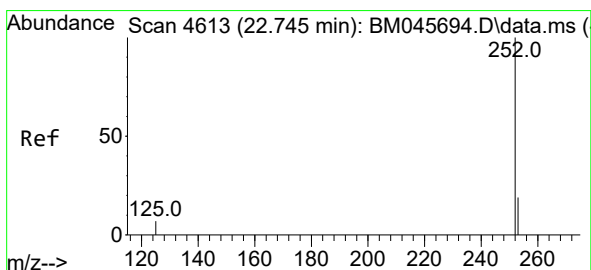
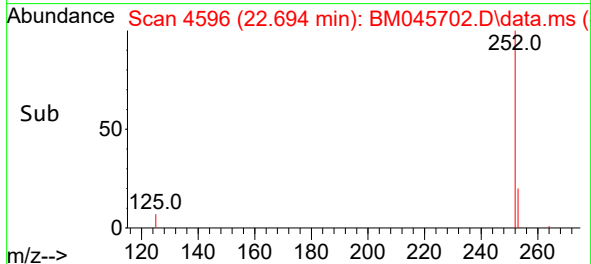
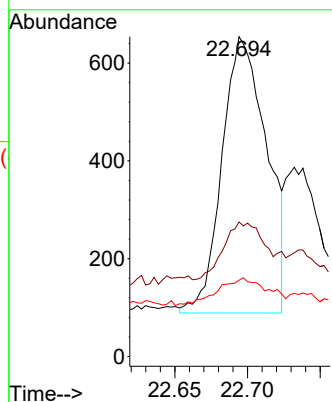
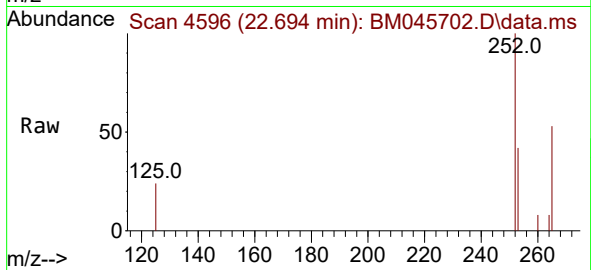
Ion	Ratio	Lower	Upper
252	100		
253	42.0	0.0	67.2
125	23.9	0.0	28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/06/2024

Supervised By :mohammad ahmed 05/06/2024



#25

Benzo(k)fluoranthene

Concen: 0.080 ng/ul m

RT: 22.732 min Scan# 4609

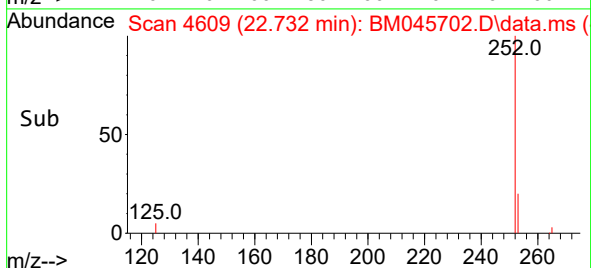
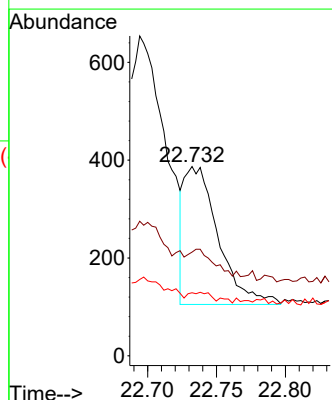
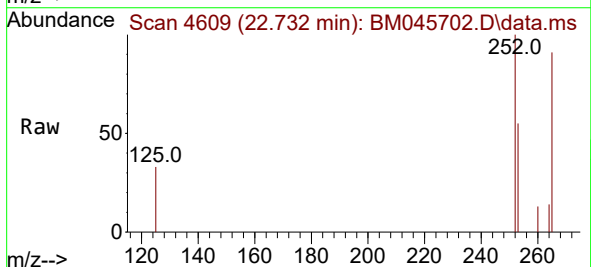
Delta R.T. -0.032 min

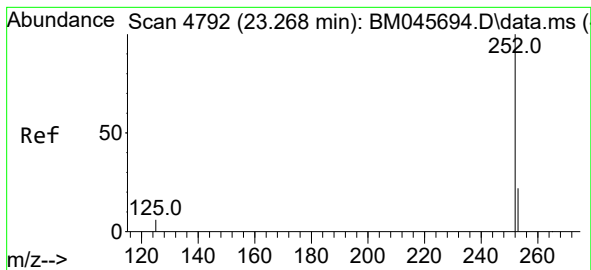
Lab File: BM045702.D

Acq: 03 May 2024 18:54

Tgt Ion:252 Resp: 489

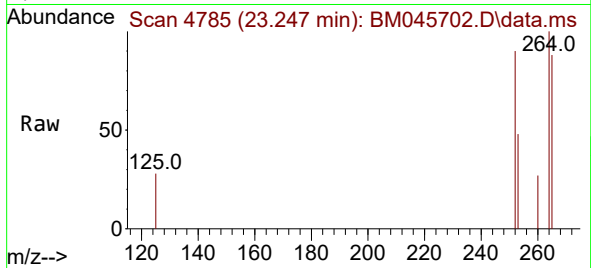
Ion	Ratio	Lower	Upper
252	100		
253	54.8	27.8	41.6#
125	33.3	11.9	17.9#





#26
Benzo(a)pyrene
Concen: 0.149 ng/ul
RT: 23.247 min Scan# 4785
Delta R.T. -0.041 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54

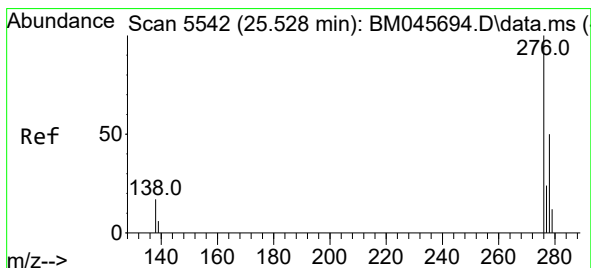
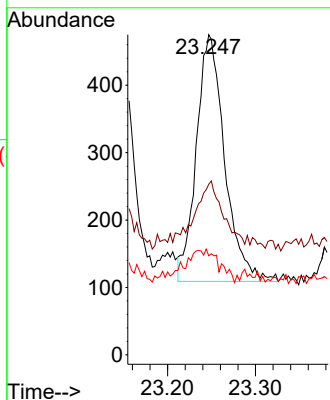
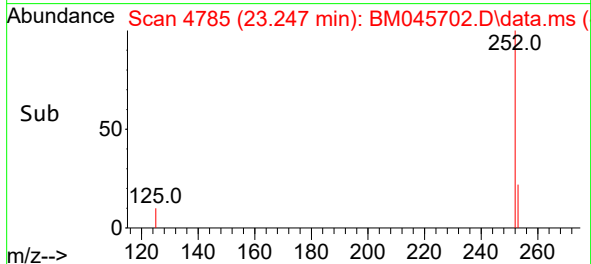
Instrument :
BNA_M
ClientSampleId :
E1CX5DL



Tgt Ion:252 Resp: 819
Ion Ratio Lower Upper
252 100
253 53.3 31.7 47.5
125 30.9 15.8 23.6

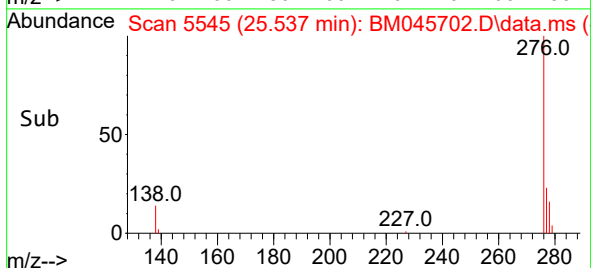
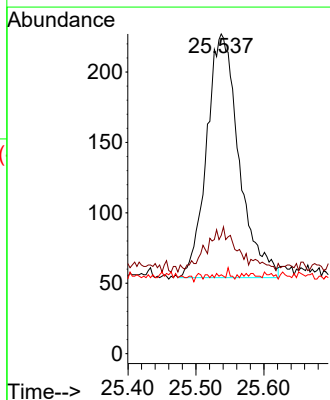
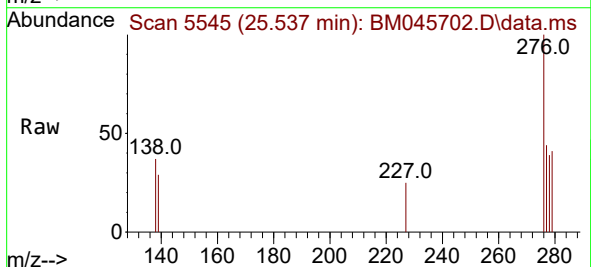
Manual Integrations
APPROVED

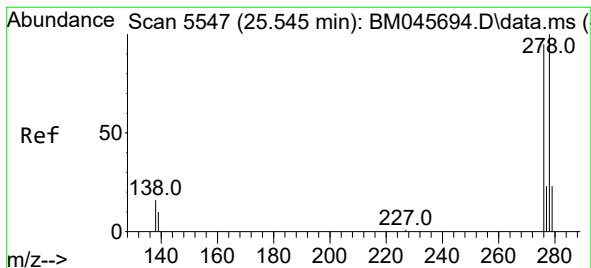
Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.075 ng/ul
RT: 25.537 min Scan# 5545
Delta R.T. -0.030 min
Lab File: BM045702.D
Acq: 03 May 2024 18:54

Tgt Ion:276 Resp: 570
Ion Ratio Lower Upper
276 100
138 18.2 13.1 19.7
227 0.4 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.024 ng/ul

RT: 25.557 min Scan# 51

Delta R.T. -0.030 min

Lab File: BM045702.D

Acq: 03 May 2024 18:54

Instrument :

BNA_M

ClientSampleId :

E1CX5DL

Tgt Ion:278 Resp: 14

Ion Ratio Lower Upper

278 100

139 69.9 16.9 25.3

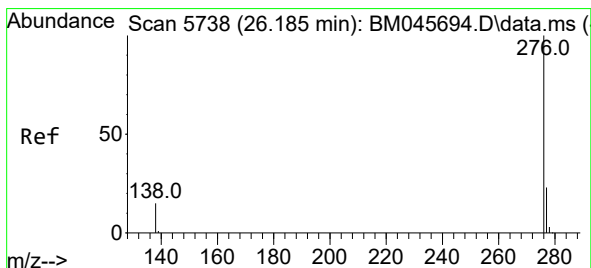
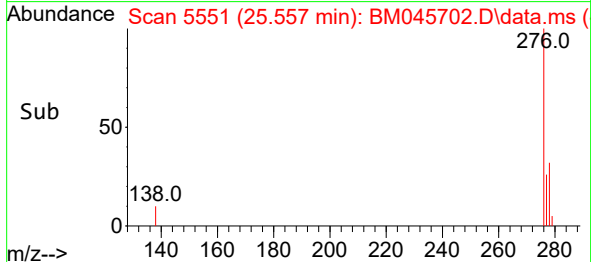
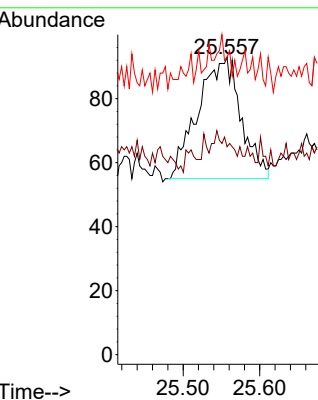
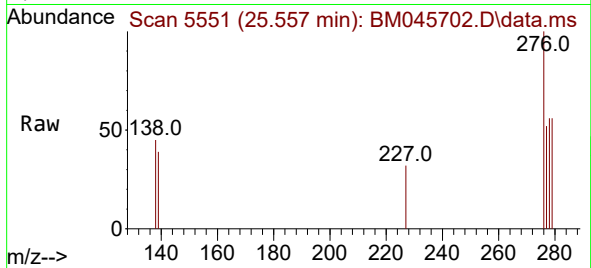
279 100.0 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/06/2024

Supervised By :mohammad ahmed 05/06/2024



#29

Benzo(g,h,i)perylene

Concen: 0.091 ng/ul

RT: 26.191 min Scan# 5740

Delta R.T. -0.033 min

Lab File: BM045702.D

Acq: 03 May 2024 18:54

Tgt Ion:276 Resp: 607

Ion Ratio Lower Upper

276 100

138 40.1 18.8 28.2#

277 44.1 27.1 40.7#

