

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045560.D
 Acq On : 25 Apr 2024 12:00
 Operator : MA/JU
 Sample : P2104-10DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 12:45:45 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	7.547	152	1079	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.325	136	2911	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.205	164	1331	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188	2590	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.184	240	2371	0.400	ng/ul	0.00
23) Perylene-d12	23.367	264	3604	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	979	0.677	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.947	152	143	0.037	ng/ul	0.02
18) Fluoranthene-d10	19.006	212	278	0.037	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.375	128	347	0.044	ng/ul#	62
7) 2-Methylnaphthalene	12.030	142	124	0.028	ng/ul	95
8) 1-Methylnaphthalene	12.233	142	114	0.023	ng/ul	95
10) Acenaphthylene	13.918	152	175	0.027	ng/ul#	35
11) Acenaphthene	14.265	153	146	0.030	ng/ul	94
12) Fluorene	15.269	166	228	0.044	ng/ul#	89
15) Phenanthrene	17.009	178	4707	0.624	ng/ul	96
16) Anthracene	17.102	178	1023	0.145	ng/ul#	93
19) Fluoranthene	19.038	202	7423	0.678	ng/ul#	90
20) Pyrene	19.401	202	6224	0.553	ng/ul#	94
21) Benzo(a)anthracene	21.170	228	3323	0.438	ng/ul	98
22) Chrysene	21.219	228	3100	0.266	ng/ul	96
24) Benzo(b)fluoranthene	22.718	252	5214	0.430	ng/ul	94
25) Benzo(k)fluoranthene	22.756	252	1966m	0.128	ng/ul	
26) Benzo(a)pyrene	23.271	252	3806	0.303	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.555	276	3216	0.176	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.565	278	784	0.054	ng/ul#	30
29) Benzo(g,h,i)perylene	26.226	276	2869	0.175	ng/ul#	87

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

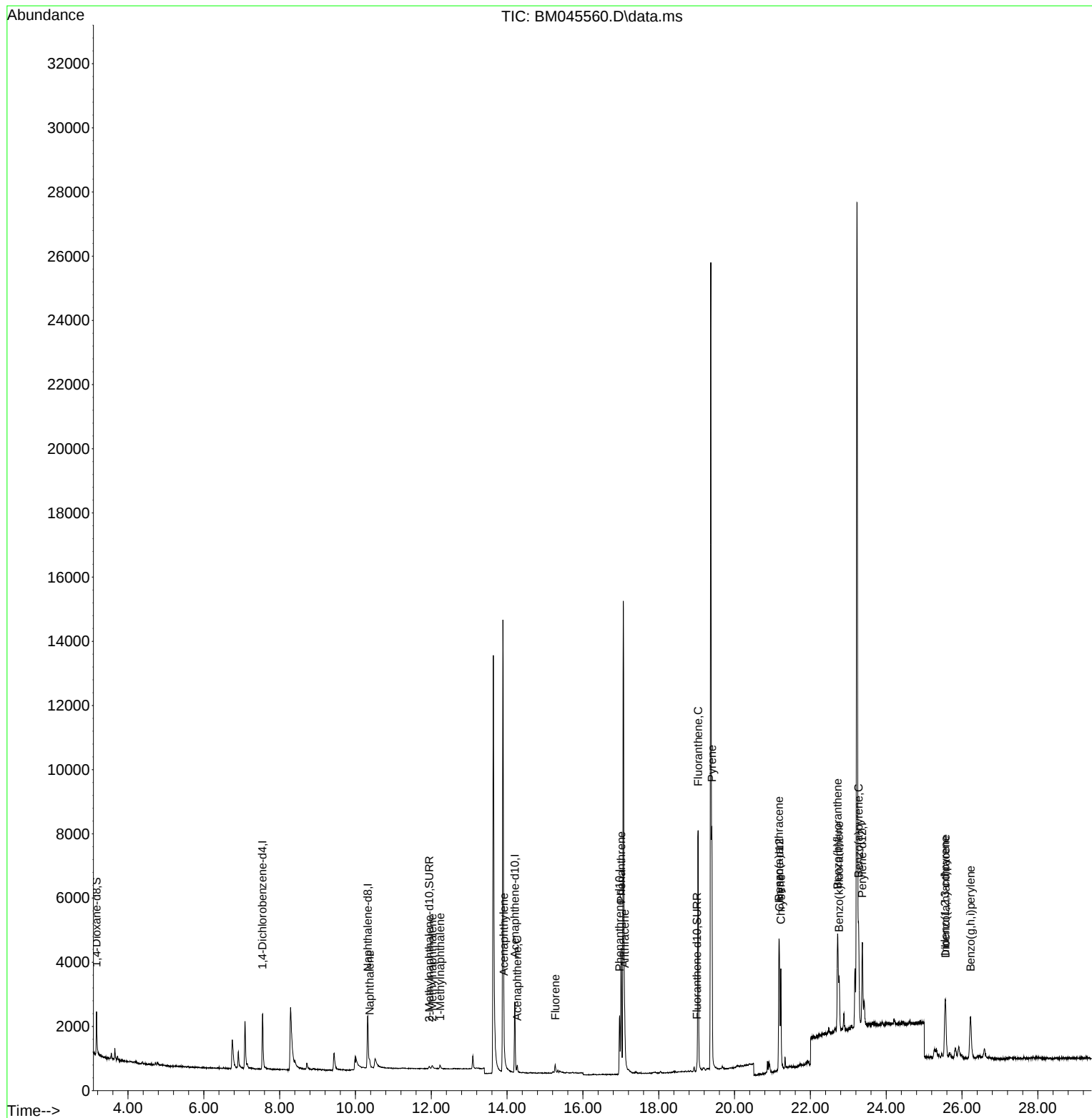
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045560.D
Acq On : 25 Apr 2024 12:00
Operator : MA/JU
Sample : P2104-10DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

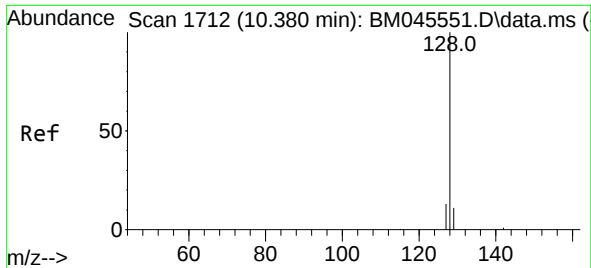
Instrument :
BNA_M
ClientSampleId :
C0AB0DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

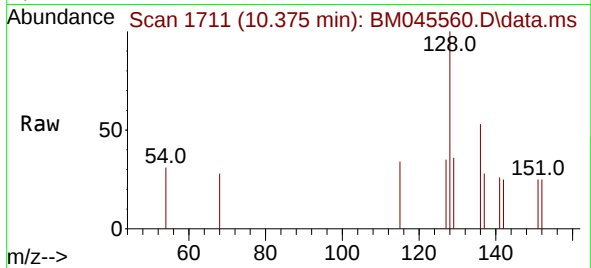
Quant Time: Apr 25 12:45:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.375 min Scan# 1711
Delta R.T. -0.005 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

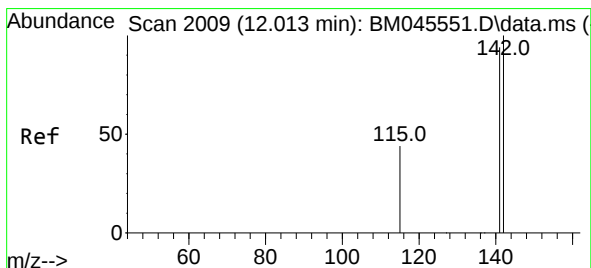
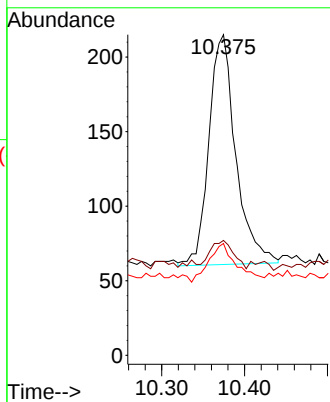
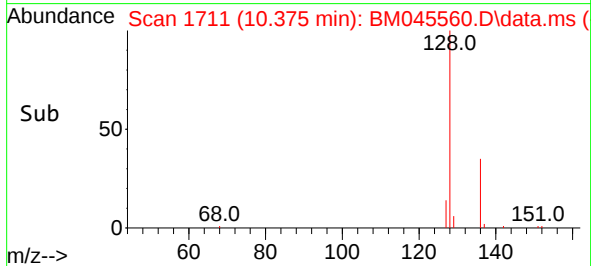
Instrument :
BNA_M
ClientSampleId :
C0AB0DL



Tgt Ion:128 Resp: 34.9
Ion Ratio Lower Upper
128 100
129 35.8 14.0 21.0
127 34.9 15.4 23.2

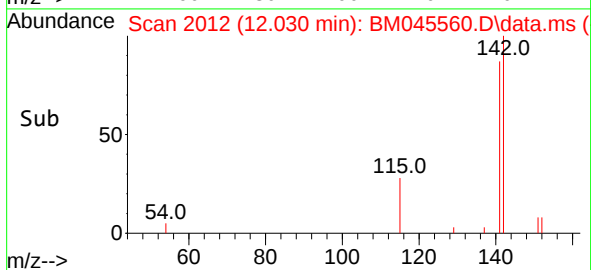
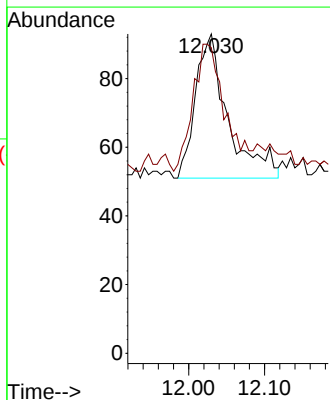
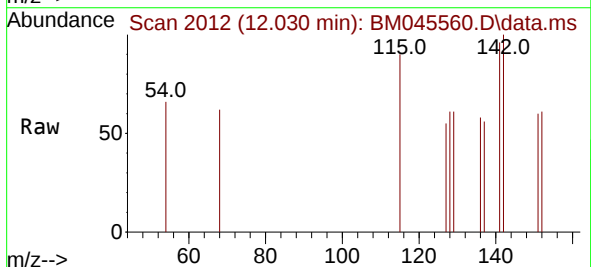
Manual Integrations
APPROVED

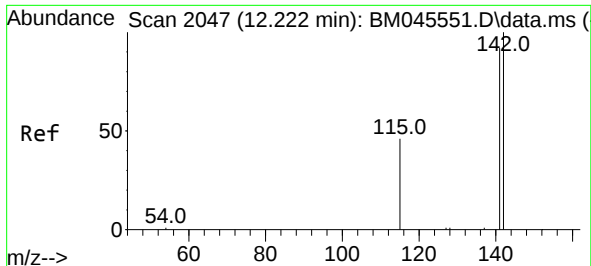
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.030 min Scan# 2012
Delta R.T. 0.022 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

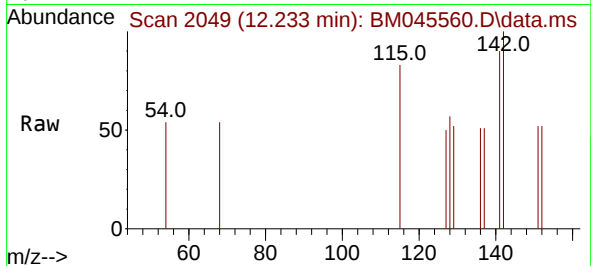
Tgt Ion:142 Resp: 124
Ion Ratio Lower Upper
142 100
141 88.7 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.233 min Scan# 2049
Delta R.T. 0.011 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

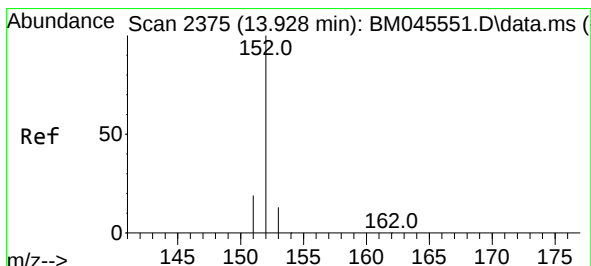
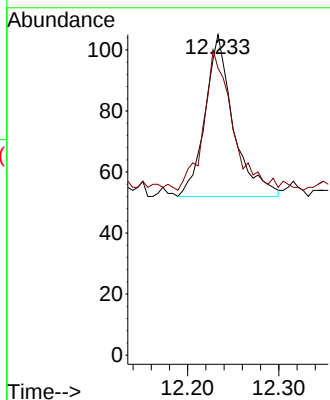
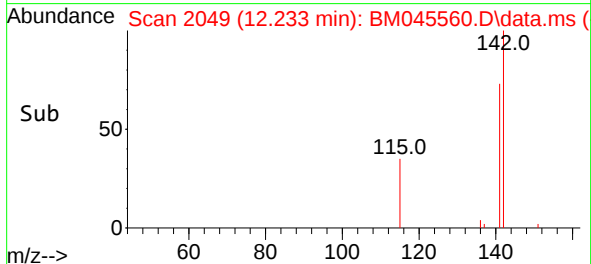
Instrument :
BNA_M
ClientSampleId :
C0AB0DL



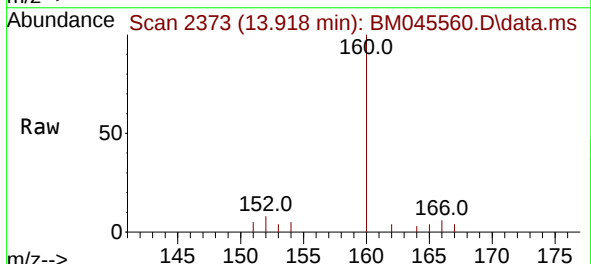
Tgt Ion:142 Resp: 114
Ion Ratio Lower Upper
142 100
141 90.4 76.1 114.1

Manual Integrations
APPROVED

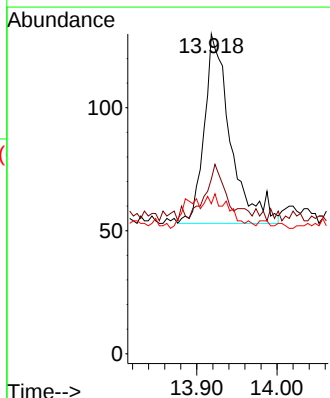
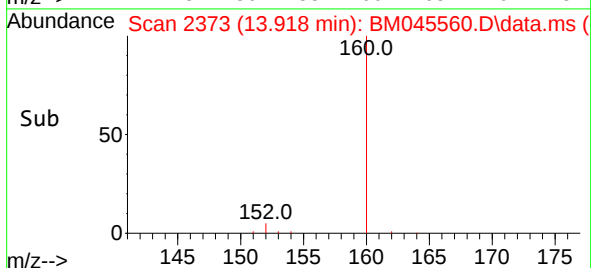
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

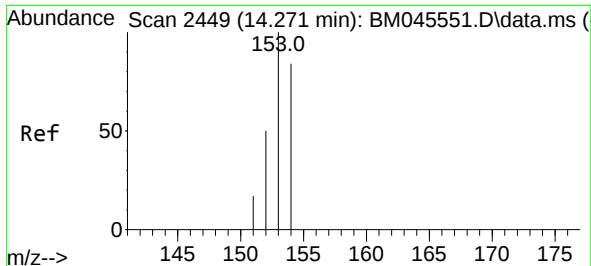


#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.918 min Scan# 2373
Delta R.T. -0.009 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00



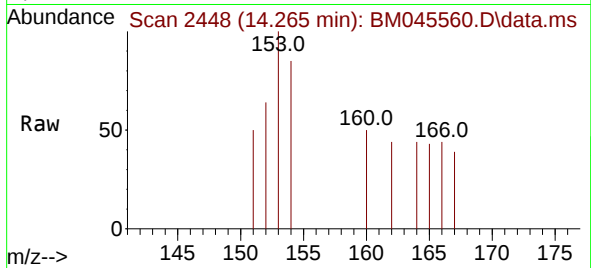
Tgt Ion:152 Resp: 175
Ion Ratio Lower Upper
152 100
151 54.6 18.6 28.0#
153 46.9 14.1 21.1#





#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

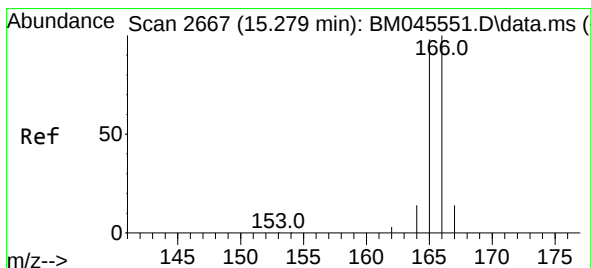
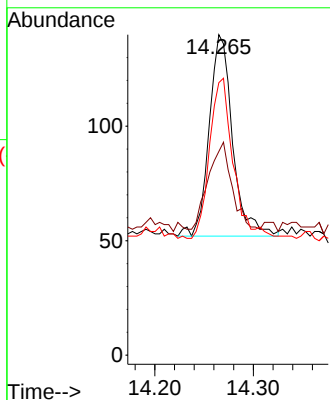
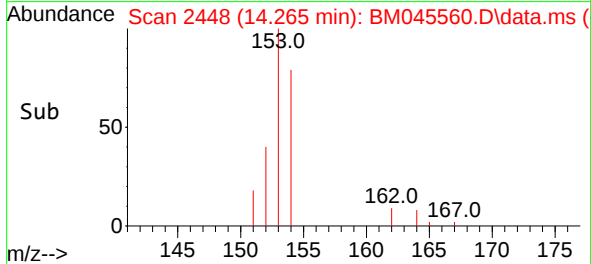
Instrument :
BNA_M
ClientSampleId :
C0AB0DL



Tgt Ion:153 Resp: 140
Ion Ratio Lower Upper
153 100
152 63.6 43.4 65.2
154 85.0 69.0 103.6

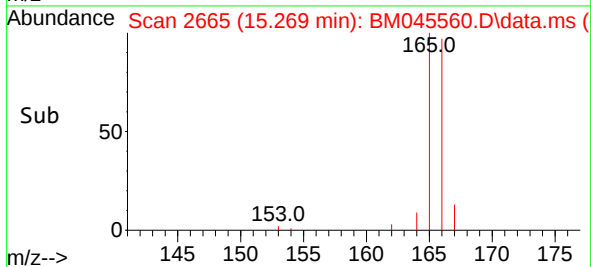
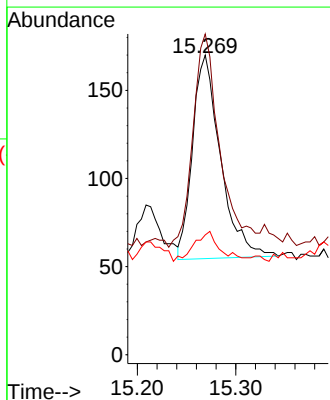
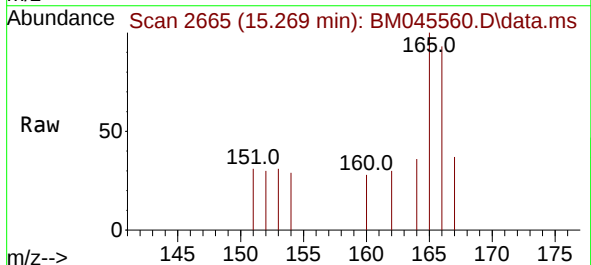
Manual Integrations
APPROVED

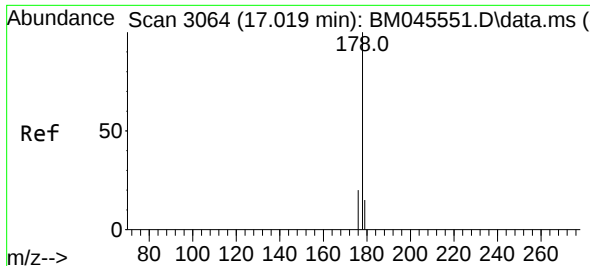
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 0.044 ng/ul
RT: 15.269 min Scan# 2665
Delta R.T. -0.009 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

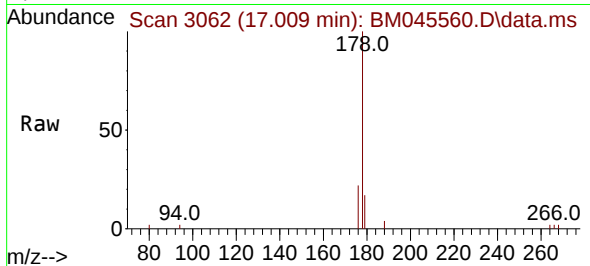
Tgt Ion:166 Resp: 228
Ion Ratio Lower Upper
166 100
165 107.1 82.2 123.2
167 40.0 14.8 22.2#





#15
Phenanthrene
Concen: 0.624 ng/u1
RT: 17.009 min Scan# 3062
Delta R.T. -0.013 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

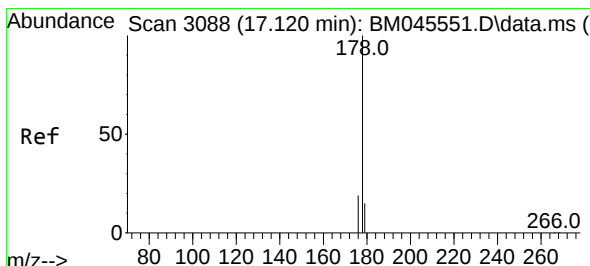
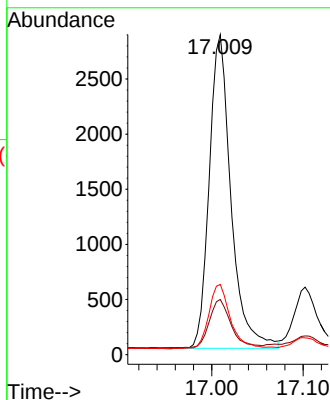
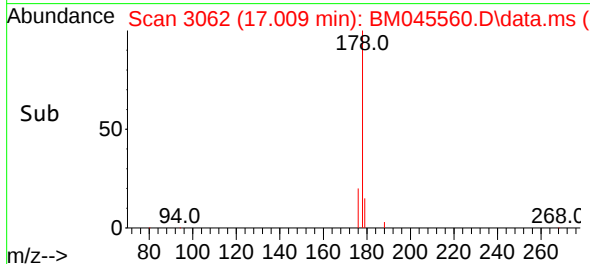
Instrument :
BNA_M
ClientSampleId :
C0AB0DL



Tgt Ion:178 Resp: 470
Ion Ratio Lower Upper
178 100
179 17.3 15.4 23.2
176 22.0 19.0 28.4

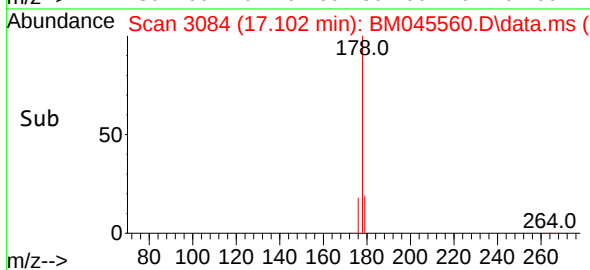
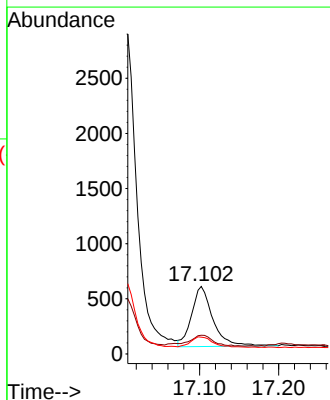
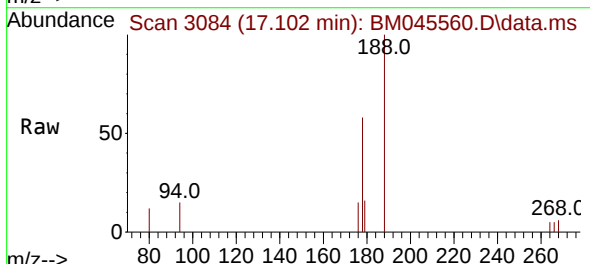
Manual Integrations
APPROVED

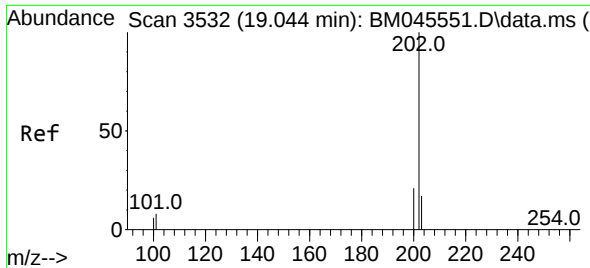
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 0.145 ng/u1
RT: 17.102 min Scan# 3084
Delta R.T. -0.017 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

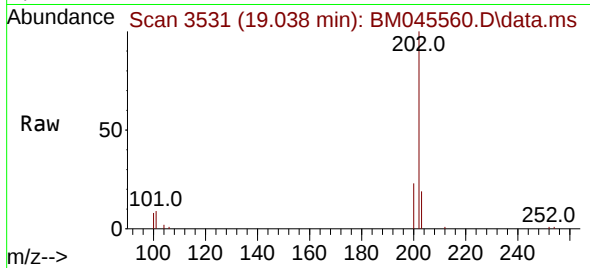
Tgt Ion:178 Resp: 1023
Ion Ratio Lower Upper
178 100
179 27.7 17.8 26.6#
176 25.0 18.7 28.1





#19
Fluoranthene
Concen: 0.678 ng/ul
RT: 19.038 min Scan# 3532
Delta R.T. -0.009 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

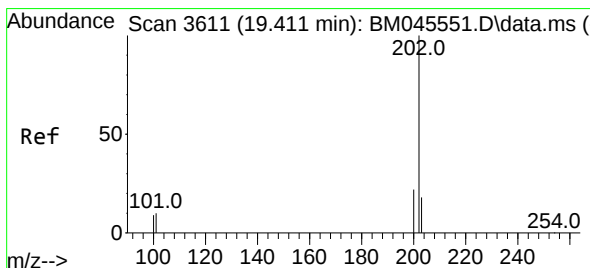
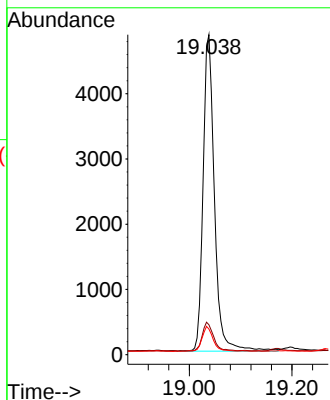
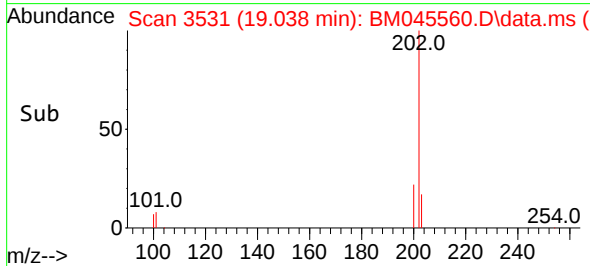
Instrument :
BNA_M
ClientSampleId :
C0AB0DL



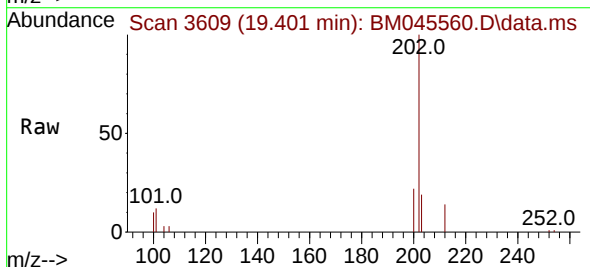
Tgt Ion:202 Resp: 742
Ion Ratio Lower Upper
202 100
101 9.4 11.2 16.8
100 8.0 9.1 13.7

Manual Integrations
APPROVED

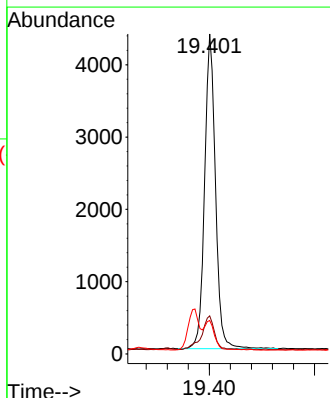
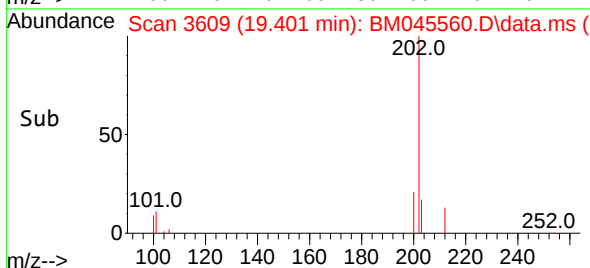
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

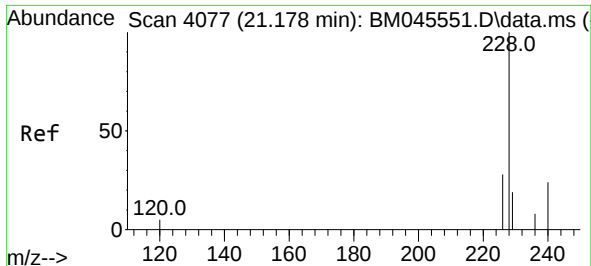


#20
Pyrene
Concen: 0.553 ng/ul
RT: 19.401 min Scan# 3609
Delta R.T. -0.014 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00



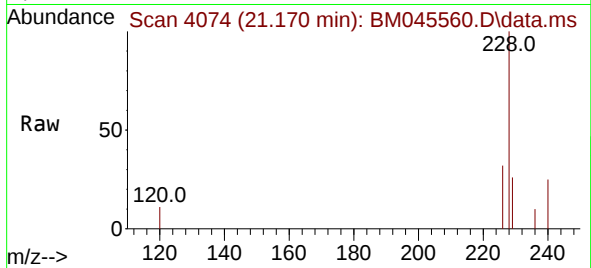
Tgt Ion:202 Resp: 6224
Ion Ratio Lower Upper
202 100
101 11.9 11.5 17.3
100 10.5 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.438 ng/ul
RT: 21.170 min Scan# 4077
Delta R.T. -0.012 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

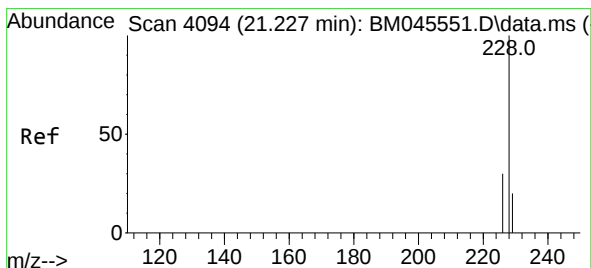
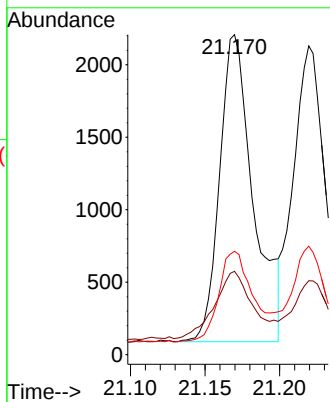
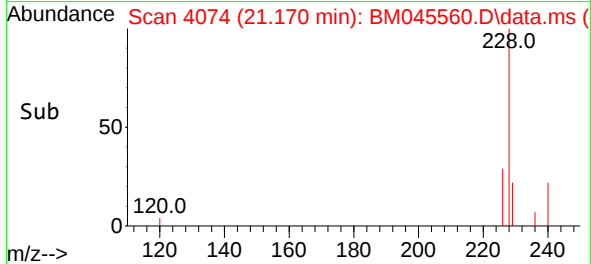
Instrument :
BNA_M
ClientSampleId :
C0AB0DL



Tgt Ion:228 Resp: 332
Ion Ratio Lower Upper
228 100
229 26.0 19.4 29.2
226 32.3 26.3 39.5

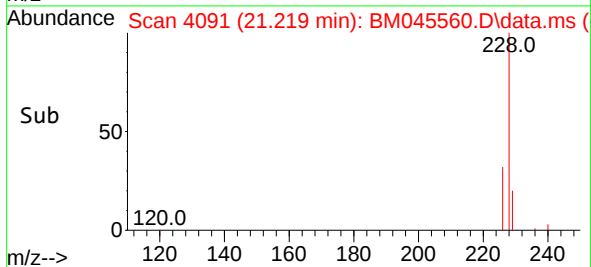
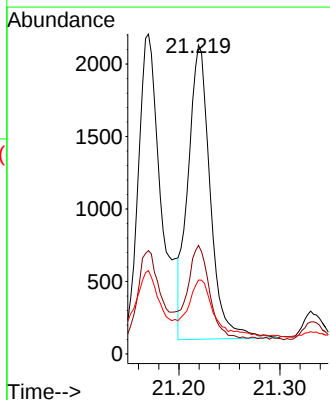
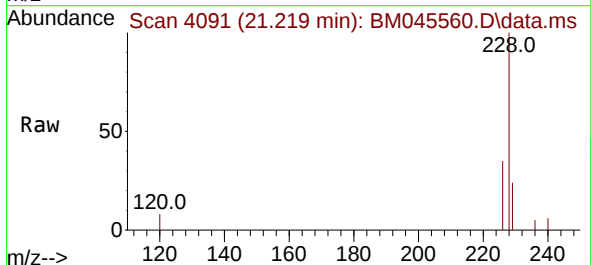
Manual Integrations
APPROVED

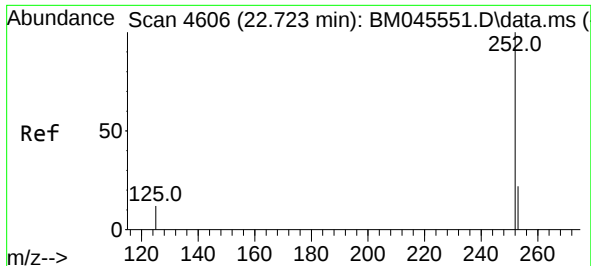
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 0.266 ng/ul
RT: 21.219 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

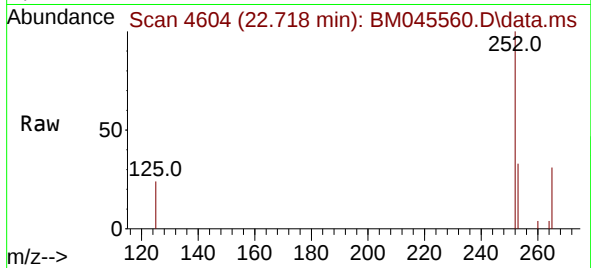
Tgt Ion:228 Resp: 3100
Ion Ratio Lower Upper
228 100
226 35.1 26.3 39.5
229 23.9 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 22.718 min Scan# 4604
Delta R.T. -0.012 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

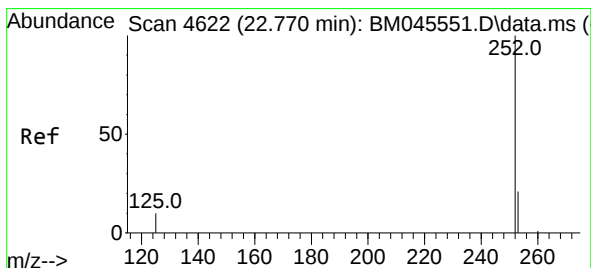
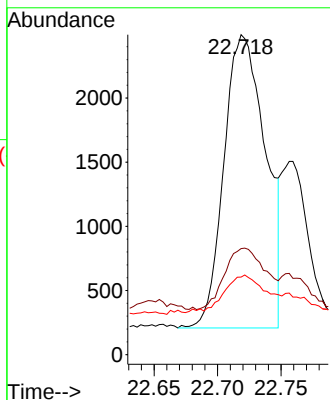
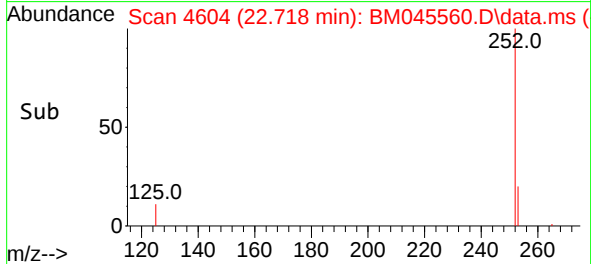
Instrument :
BNA_M
ClientSampleId :
C0AB0DL



Tgt Ion:252 Resp: 5214
Ion Ratio Lower Upper
252 100
253 33.2 0.0 63.4
125 24.3 0.0 36.8

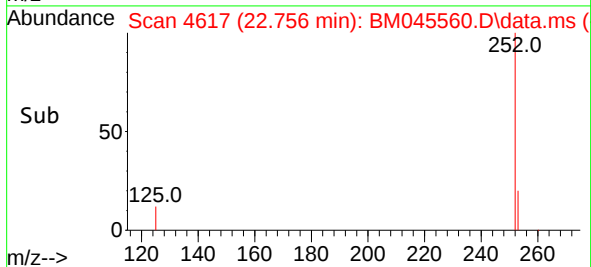
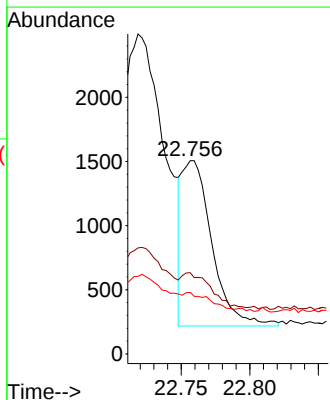
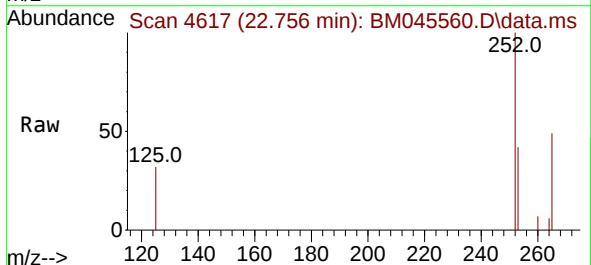
Manual Integrations
APPROVED

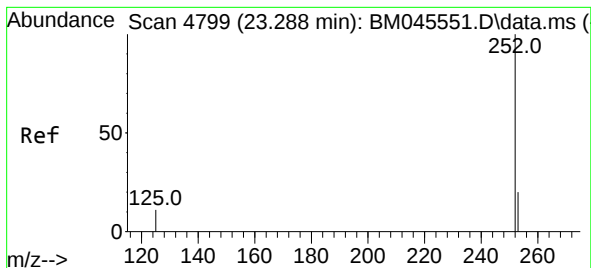
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.128 ng/ul m
RT: 22.756 min Scan# 4617
Delta R.T. -0.014 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

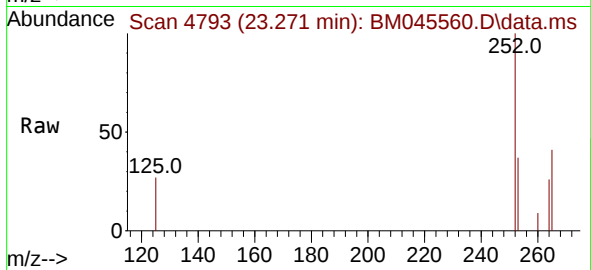
Tgt Ion:252 Resp: 1966
Ion Ratio Lower Upper
252 100
253 42.1 25.4 38.0#
125 31.9 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.303 ng/ul
RT: 23.271 min Scan# 4793
Delta R.T. -0.020 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

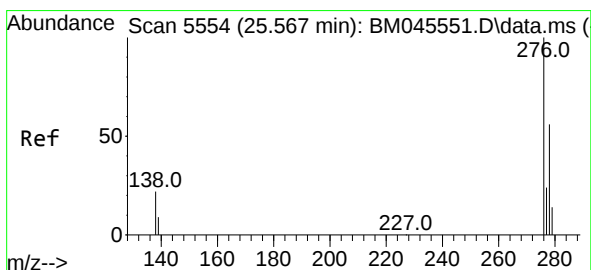
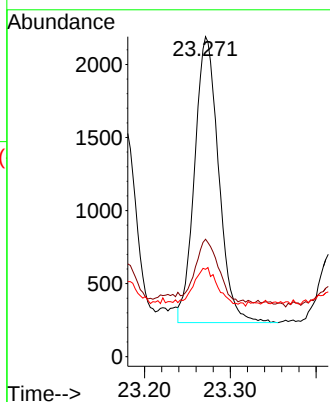
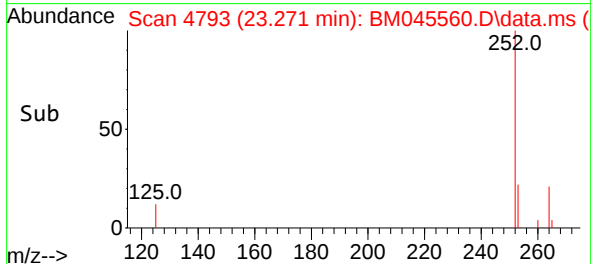
Instrument :
BNA_M
ClientSampleId :
C0AB0DL



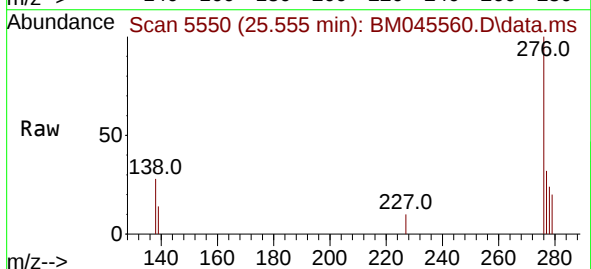
Tgt Ion:252 Resp: 3800
Ion Ratio Lower Upper
252 100
253 36.7 31.6 47.4
125 27.3 19.5 29.3

Manual Integrations
APPROVED

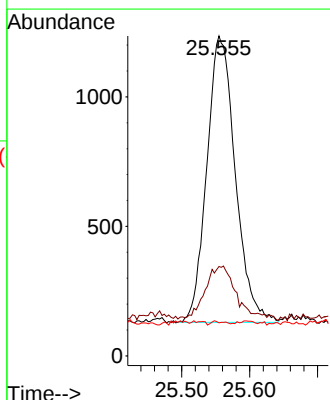
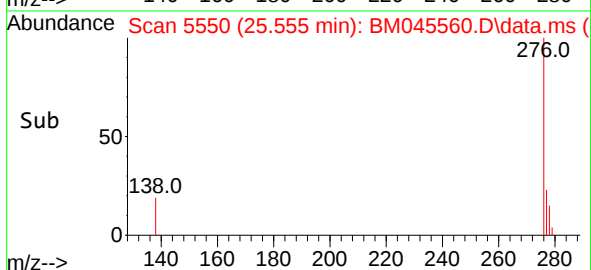
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

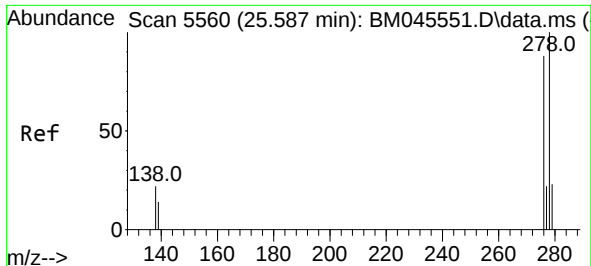


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.176 ng/ul
RT: 25.555 min Scan# 5550
Delta R.T. -0.017 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00



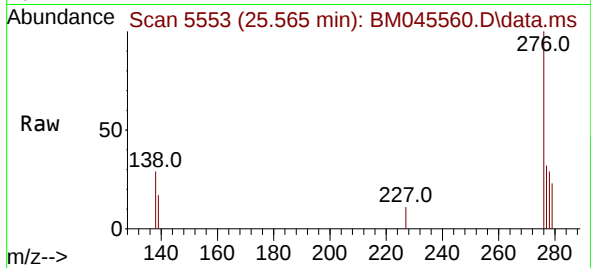
Tgt Ion:276 Resp: 3216
Ion Ratio Lower Upper
276 100
138 21.5 19.8 29.6
227 0.7 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.054 ng/ul
RT: 25.565 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00

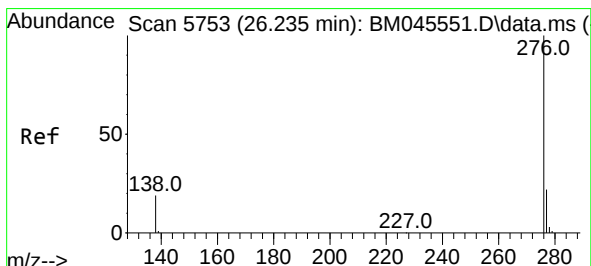
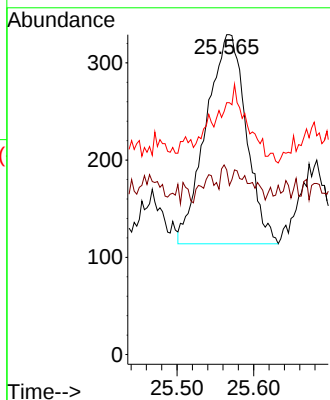
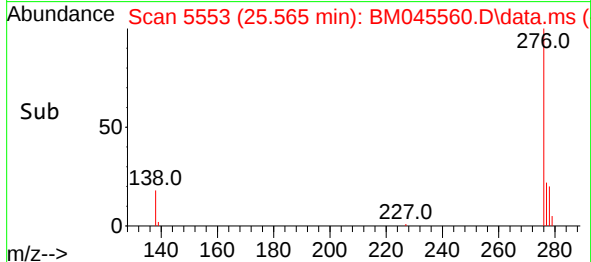
Instrument :
BNA_M
ClientSampleId :
C0AB0DL



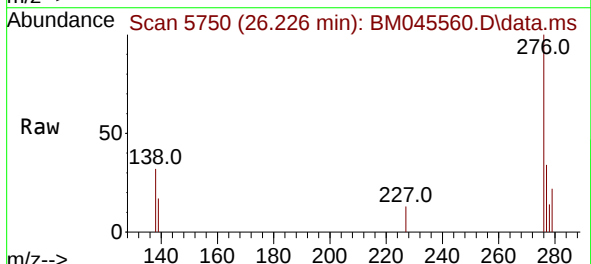
Tgt Ion:278 Resp: 784
Ion Ratio Lower Upper
278 100
139 57.8 19.0 28.6
279 78.7 29.4 44.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.175 ng/ul
RT: 26.226 min Scan# 5750
Delta R.T. -0.010 min
Lab File: BM045560.D
Acq: 25 Apr 2024 12:00



Tgt Ion:276 Resp: 2869
Ion Ratio Lower Upper
276 100
138 31.9 20.8 31.2#
277 34.3 21.8 32.8#

