

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045897.D
 Acq On : 08 Jun 2024 01:22
 Operator : MA/JU
 Sample : P2586-10DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D21DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 08 01:51:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	6737	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.243	136	23172	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.113	164	12409	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188	23877	0.400	ng/ul	-0.01
17) Chrysene-d12	21.046	240	17109	0.400	ng/ul	0.00
23) Perylene-d12	23.156	264	18510m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	6541	0.852	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.844	152	1925	0.058	ng/ul	0.00
18) Fluoranthene-d10	18.886	212	3460	0.068	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.287	128	9569	0.158	ng/ul	98
7) 2-Methylnaphthalene	11.915	142	7828	0.203	ng/ul	99
8) 1-Methylnaphthalene	12.135	142	8298	0.198	ng/ul	99
10) Acenaphthylene	13.831	152	11740	0.208	ng/ul	98
11) Acenaphthene	14.173	153	3760	0.091	ng/ul	96
12) Fluorene	15.168	166	4844	0.104	ng/ul#	96
15) Phenanthrene	16.896	178	118359	1.766	ng/ul	100
16) Anthracene	16.985	178	20928	0.366	ng/ul	98
19) Fluoranthene	18.918	202	241325	3.537	ng/ul	97
20) Pyrene	19.281	202	206454	2.901	ng/ul	96
21) Benzo(a)anthracene	21.029	228	99699	1.588	ng/ul	97
22) Chrysene	21.081	228	119392	1.746	ng/ul	98
24) Benzo(b)fluoranthene	22.533	252	150944m	2.459	ng/ul	
25) Benzo(k)fluoranthene	22.571	252	48276m	0.716	ng/ul	
26) Benzo(a)pyrene	23.066	252	95235	1.560	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.222	276	71189	0.902	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.225	278	17661	0.280	ng/ul#	89
29) Benzo(g,h,i)perylene	25.856	276	72431	1.064	ng/ul	96

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

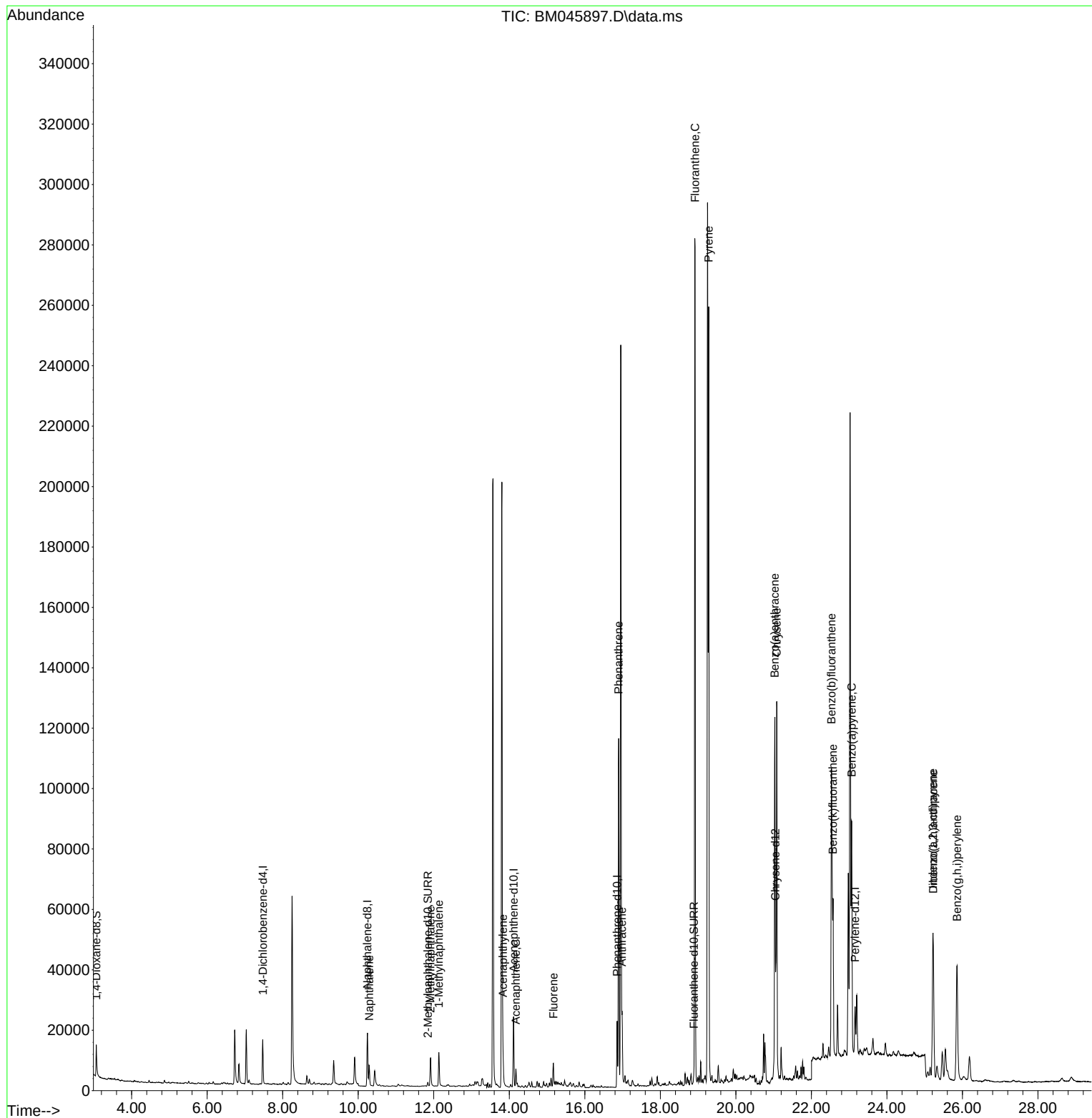
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045897.D
Acq On : 08 Jun 2024 01:22
Operator : MA/JU
Sample : P2586-10DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

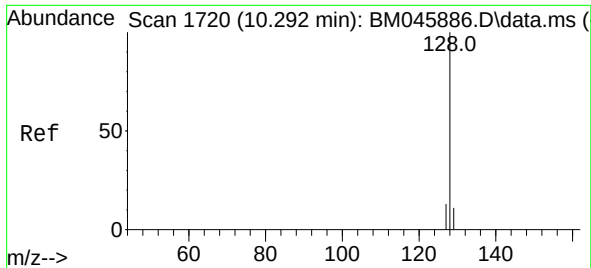
Instrument :
BNA_M
ClientSampleId :
A4D21DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

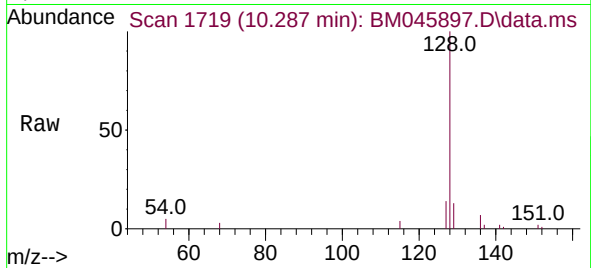
Quant Time: Jun 08 01:51:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.158 ng/ul
RT: 10.287 min Scan# 1719
Delta R.T. -0.015 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

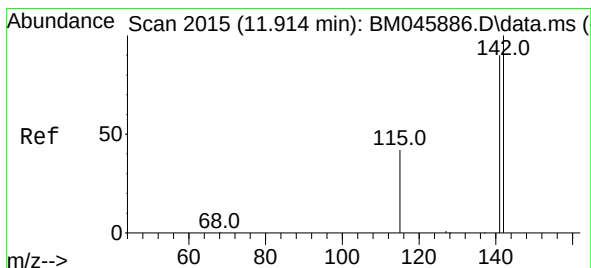
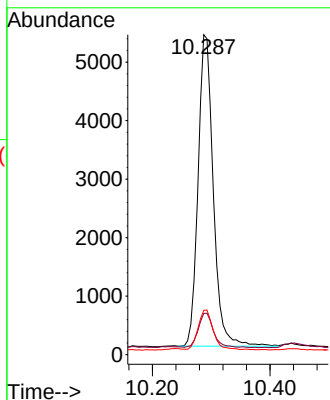
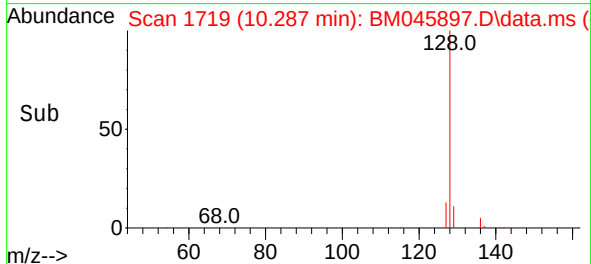
Instrument :
BNA_M
ClientSampleId :
A4D21DL



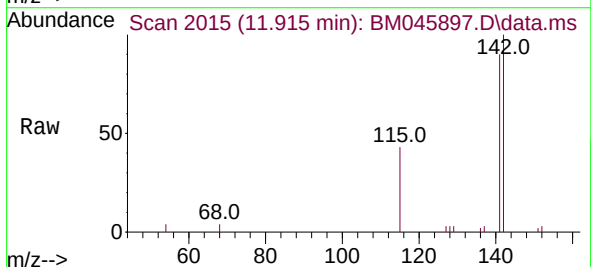
Tgt Ion:128 Resp: 9569
Ion Ratio Lower Upper
128 100
129 12.9 9.4 14.0
127 13.9 10.6 15.8

Manual Integrations
APPROVED

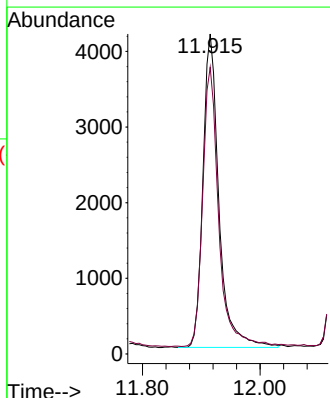
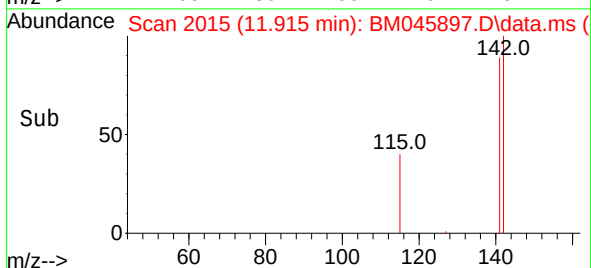
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

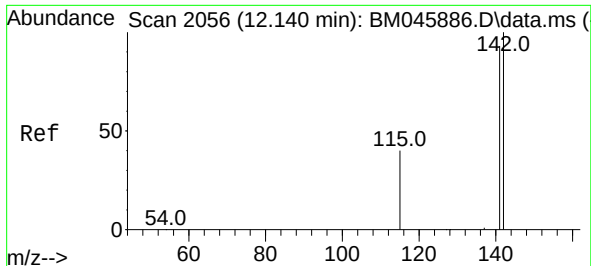


#7
2-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 11.915 min Scan# 2015
Delta R.T. -0.004 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22



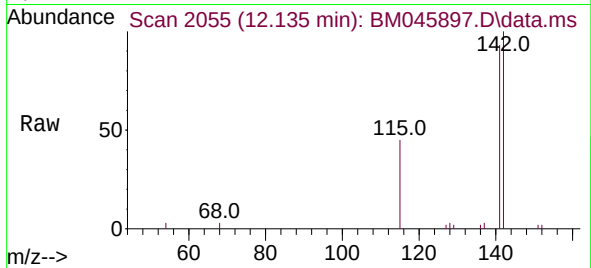
Tgt Ion:142 Resp: 7828
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.198 ng/ul
RT: 12.135 min Scan# 2055
Delta R.T. -0.010 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

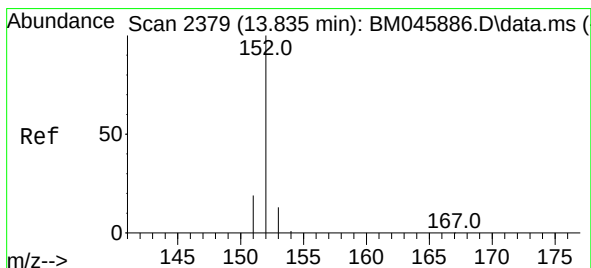
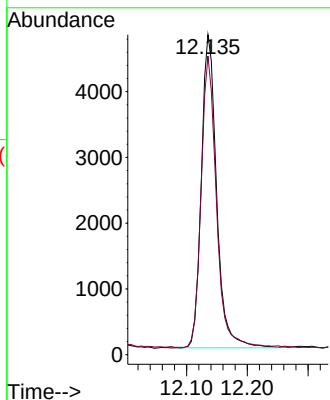
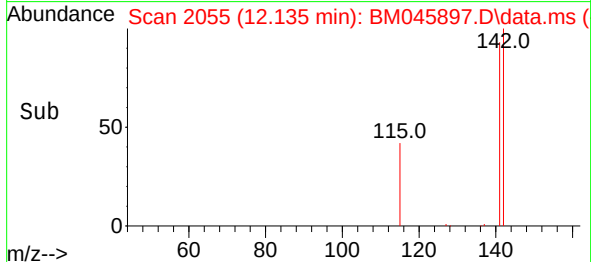
Instrument :
BNA_M
ClientSampleId :
A4D21DL



Tgt Ion:142 Resp: 8298
Ion Ratio Lower Upper
142 100
141 93.0 73.5 110.3

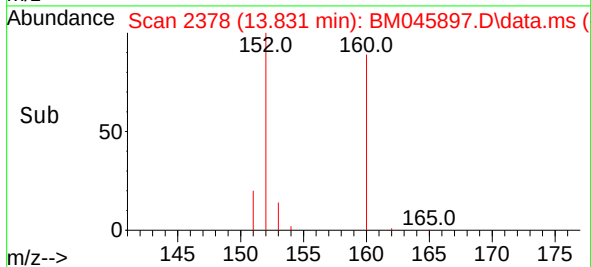
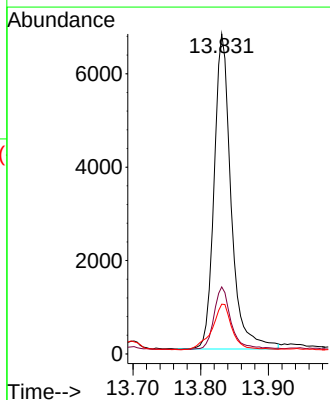
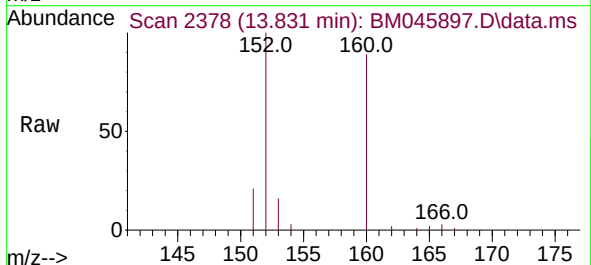
Manual Integrations
APPROVED

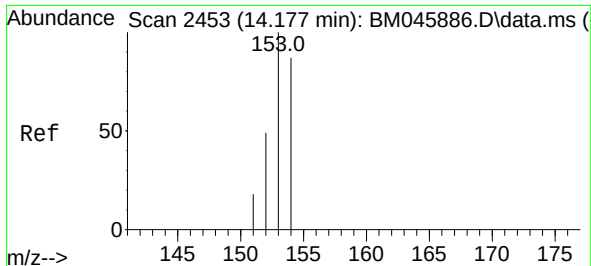
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.208 ng/ul
RT: 13.831 min Scan# 2378
Delta R.T. -0.008 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

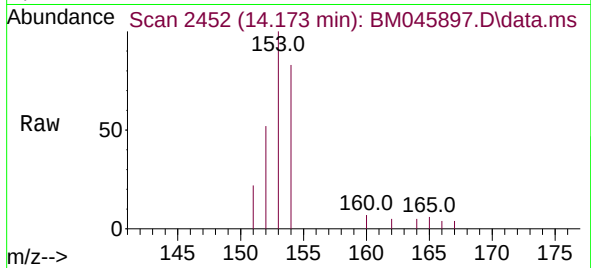
Tgt Ion:152 Resp: 11740
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 15.6 11.1 16.7





#11
Acenaphthene
Concen: 0.091 ng/ul
RT: 14.173 min Scan# 2452
Delta R.T. -0.008 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

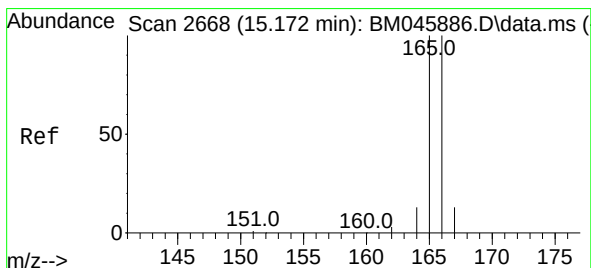
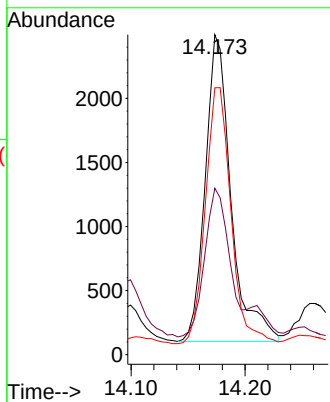
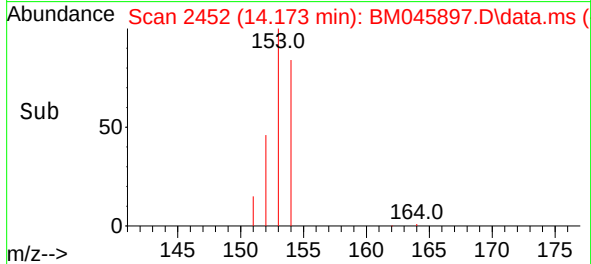
Instrument :
BNA_M
ClientSampleId :
A4D21DL



Tgt Ion:153 Resp: 3760
Ion Ratio Lower Upper
153 100
152 52.0 39.0 58.4
154 83.4 69.4 104.2

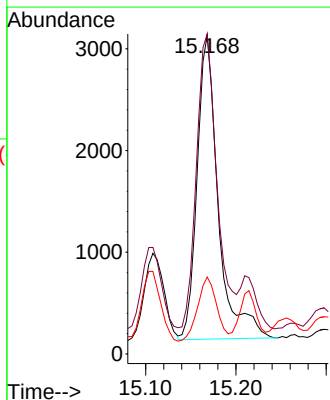
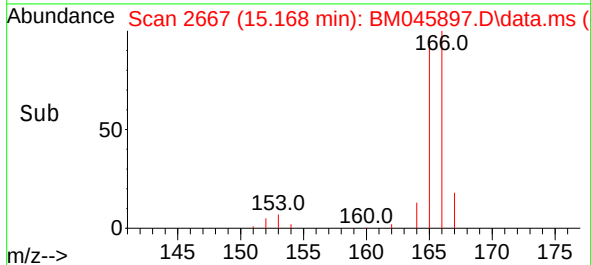
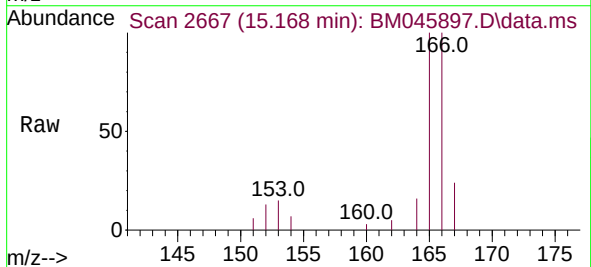
Manual Integrations
APPROVED

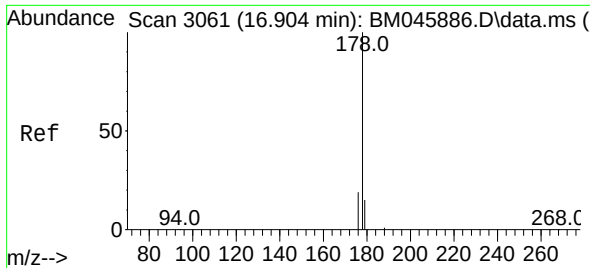
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.104 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.008 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

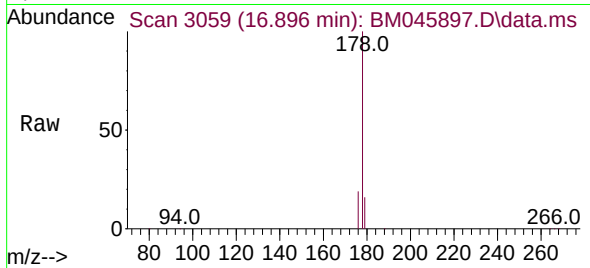
Tgt Ion:166 Resp: 4844
Ion Ratio Lower Upper
166 100
165 100.4 79.7 119.5
167 24.2 11.3 16.9#





#15
Phenanthrene
Concen: 1.766 ng/ul
RT: 16.896 min Scan# 3059
Delta R.T. -0.007 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

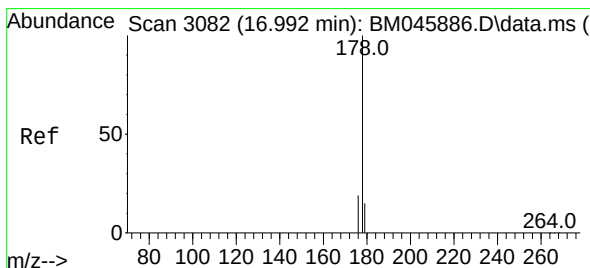
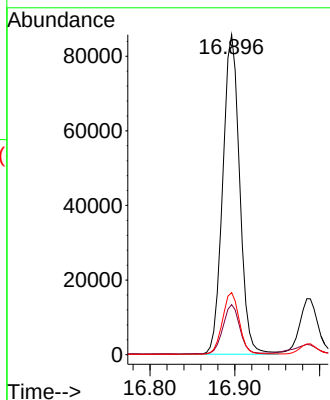
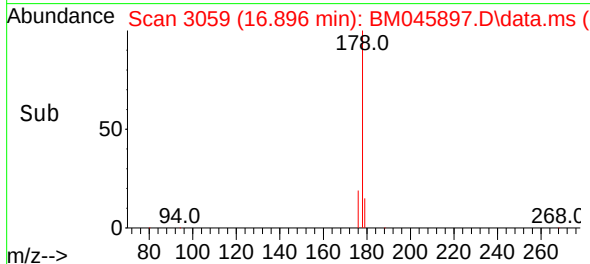
Instrument :
BNA_M
ClientSampleId :
A4D21DL



Tgt Ion:178 Resp: 11835
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.4 15.6 23.4

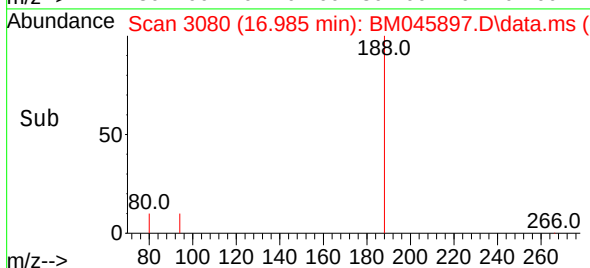
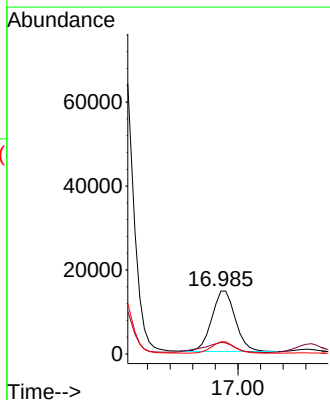
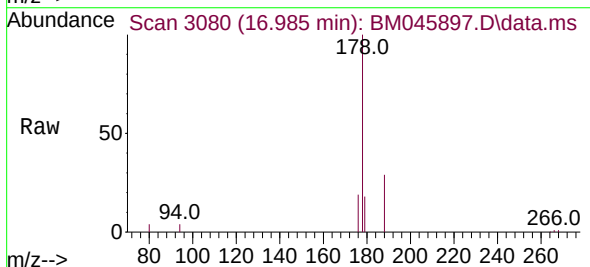
Manual Integrations
APPROVED

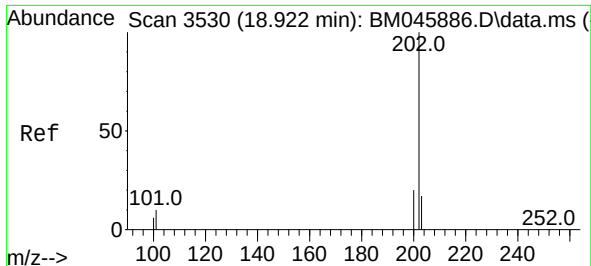
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.366 ng/ul
RT: 16.985 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

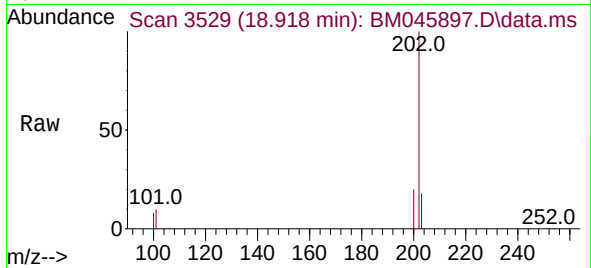
Tgt Ion:178 Resp: 20928
Ion Ratio Lower Upper
178 100
179 18.2 13.1 19.7
176 19.3 15.5 23.3





#19
Fluoranthene
Concen: 3.537 ng/ul
RT: 18.918 min Scan# 3529
Delta R.T. -0.004 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

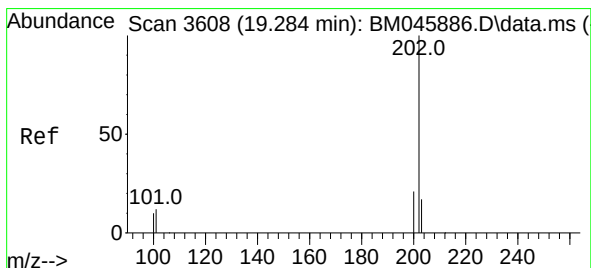
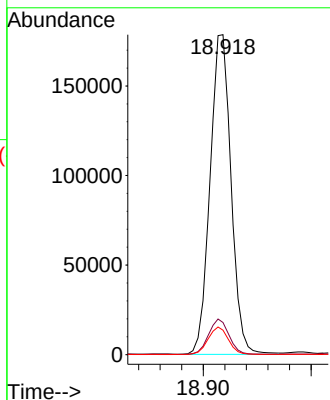
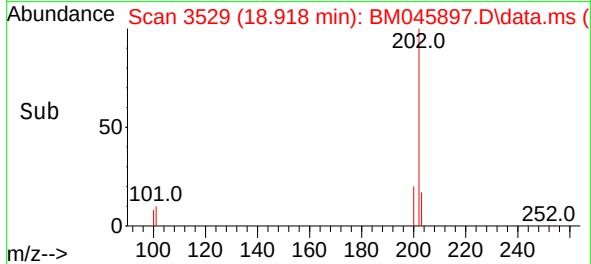
Instrument :
BNA_M
ClientSampleId :
A4D21DL



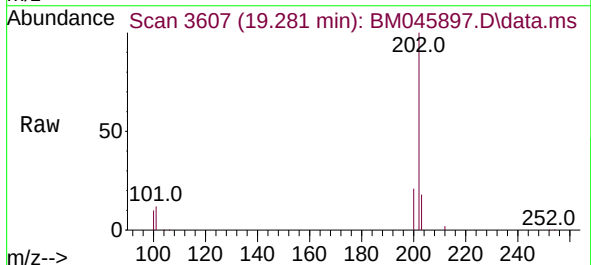
Tgt Ion:202 Resp: 241324
Ion Ratio Lower Upper
202 100
101 10.1 9.0 13.6
100 7.7 7.0 10.6

Manual Integrations
APPROVED

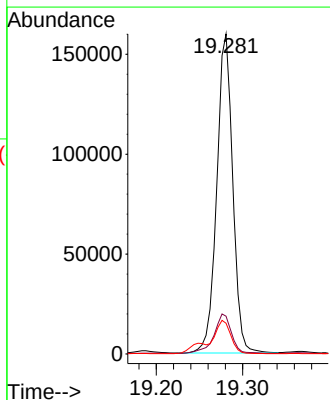
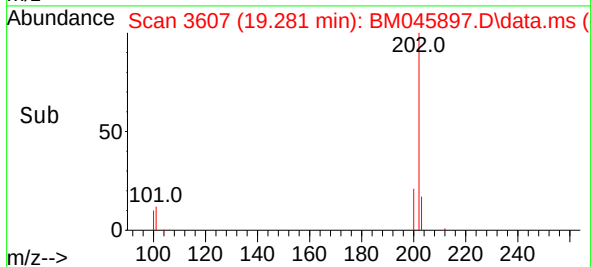
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

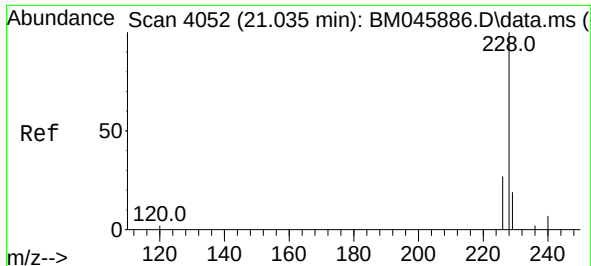


#20
Pyrene
Concen: 2.901 ng/ul
RT: 19.281 min Scan# 3607
Delta R.T. -0.004 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22



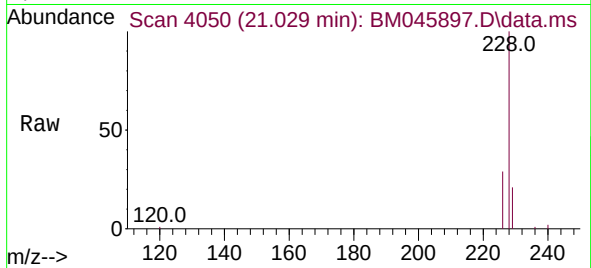
Tgt Ion:202 Resp: 206454
Ion Ratio Lower Upper
202 100
101 11.8 10.6 16.0
100 9.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.588 ng/ul
RT: 21.029 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

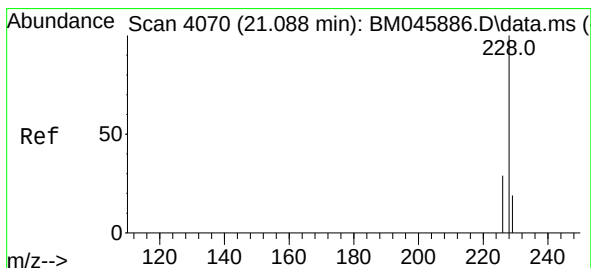
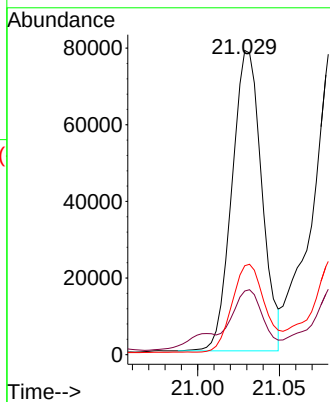
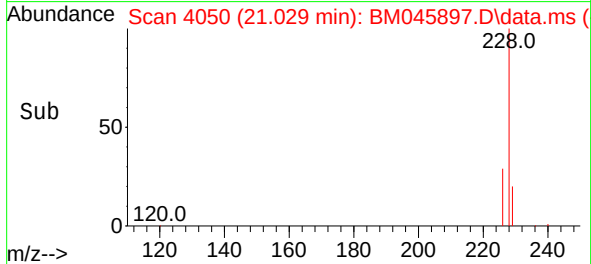
Instrument :
BNA_M
ClientSampleId :
A4D21DL



Tgt Ion:228 Resp: 99699
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 29.3 22.0 33.0

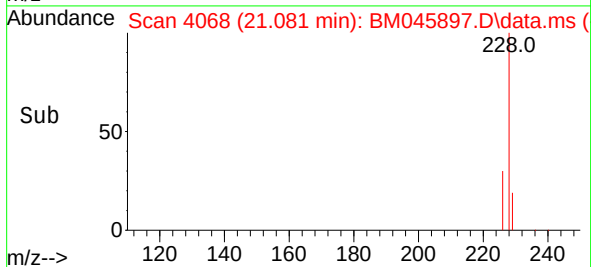
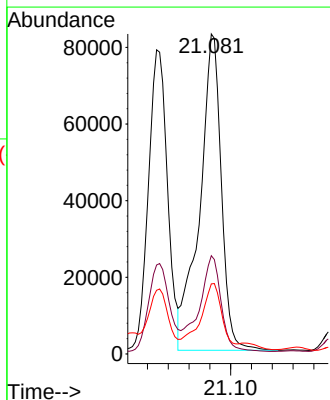
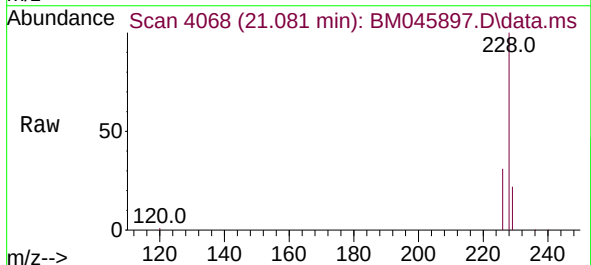
Manual Integrations
APPROVED

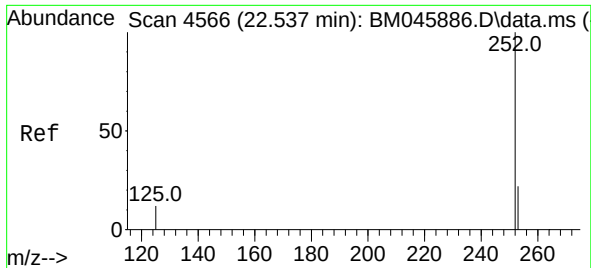
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 1.746 ng/ul
RT: 21.081 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

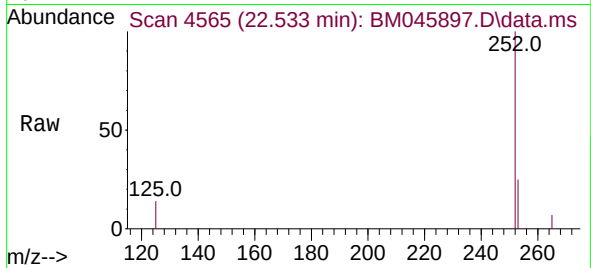
Tgt Ion:228 Resp: 119392
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 21.9 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 2.459 ng/ul m
RT: 22.533 min Scan# 4565
Delta R.T. -0.004 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

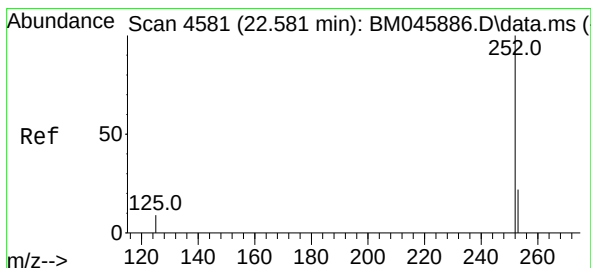
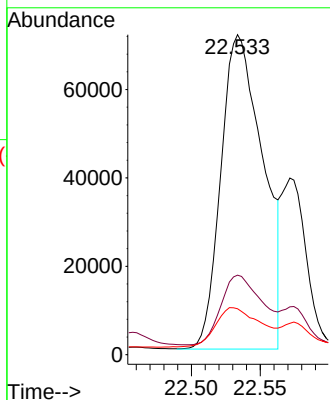
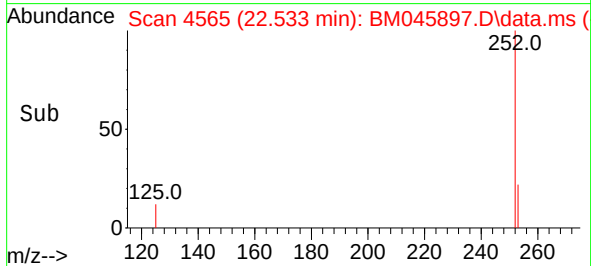
Instrument :
BNA_M
ClientSampleId :
A4D21DL



Tgt Ion:252 Resp: 150944
Ion Ratio Lower Upper
252 100
253 24.8 0.0 63.6
125 14.4 0.0 35.8

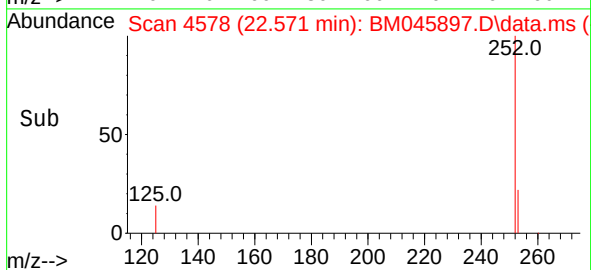
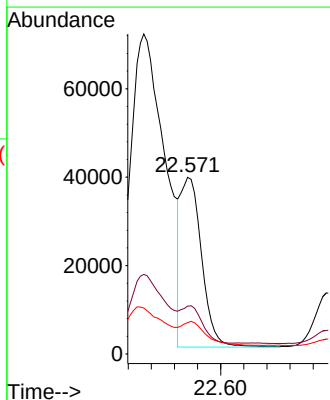
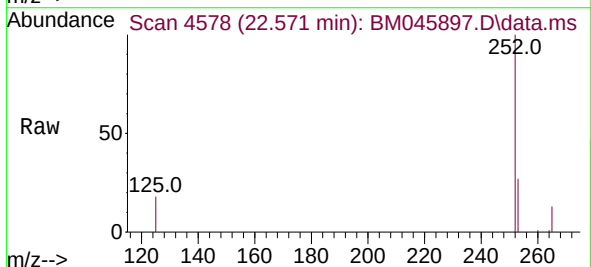
Manual Integrations
APPROVED

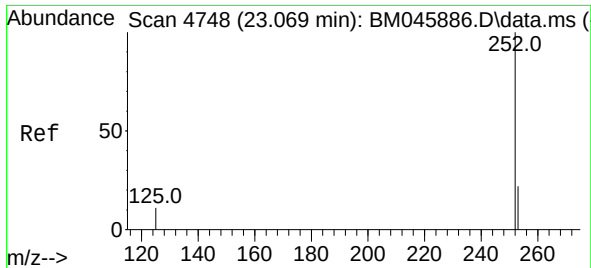
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.716 ng/ul m
RT: 22.571 min Scan# 4578
Delta R.T. -0.009 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

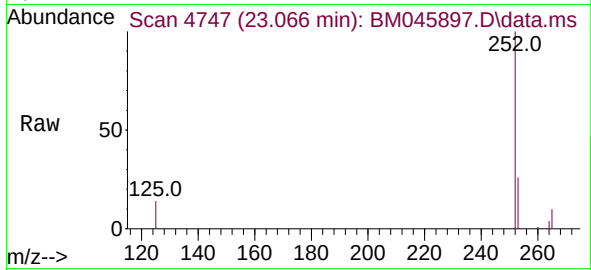
Tgt Ion:252 Resp: 48276
Ion Ratio Lower Upper
252 100
253 27.1 25.0 37.6
125 17.8 14.2 21.2





#26
Benzo(a)pyrene
Concen: 1.560 ng/ul
RT: 23.066 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

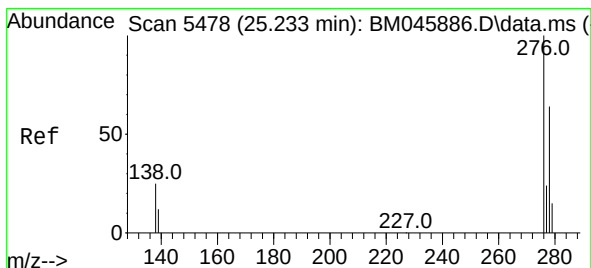
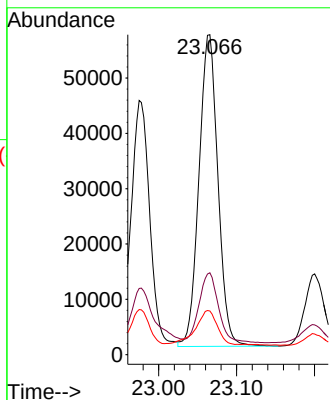
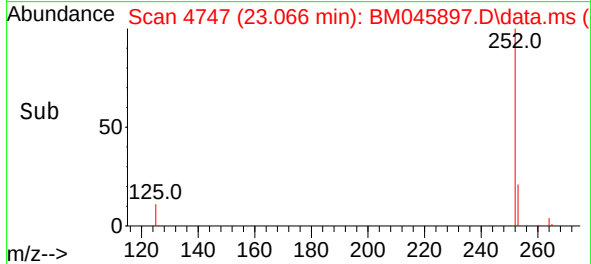
Instrument :
BNA_M
ClientSampleId :
A4D21DL



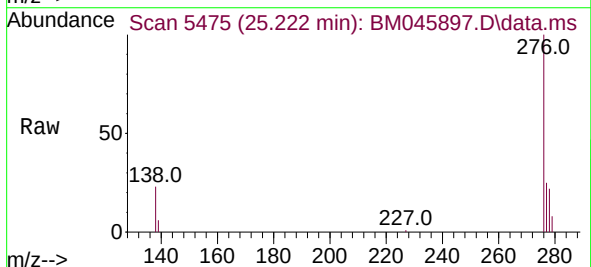
Tgt Ion:252 Resp: 95235
Ion Ratio Lower Upper
252 100
253 25.6 28.8 43.2
125 13.7 17.3 25.9

Manual Integrations
APPROVED

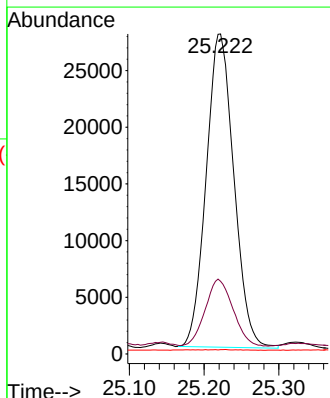
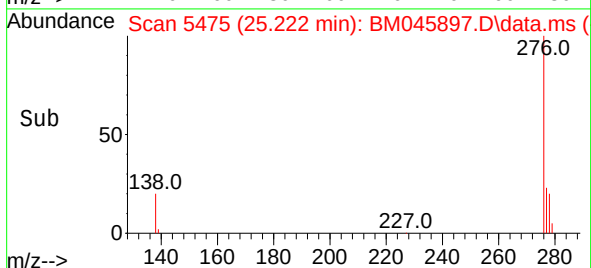
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

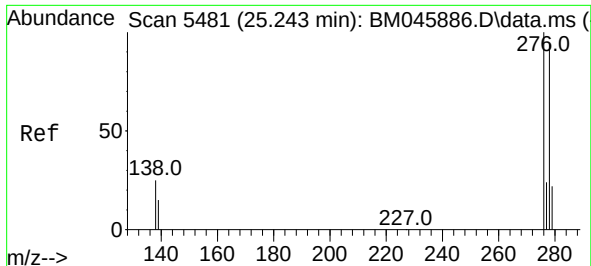


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.902 ng/ul
RT: 25.222 min Scan# 5475
Delta R.T. -0.010 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22



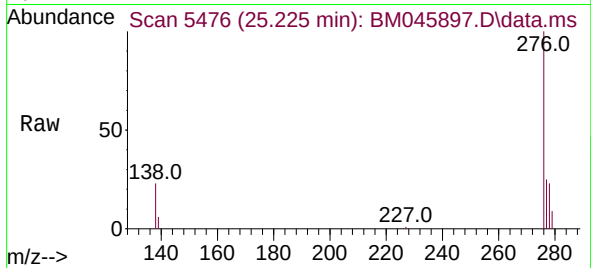
Tgt Ion:276 Resp: 71189
Ion Ratio Lower Upper
276 100
138 21.4 20.7 31.1
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.280 ng/ul
RT: 25.225 min Scan# 5481
Delta R.T. -0.024 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22

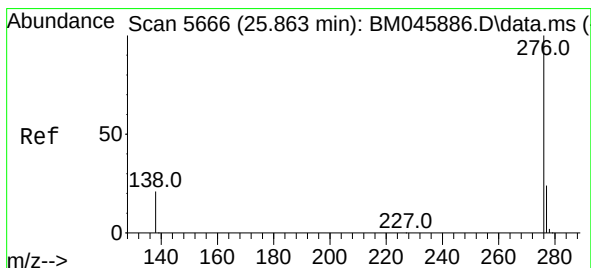
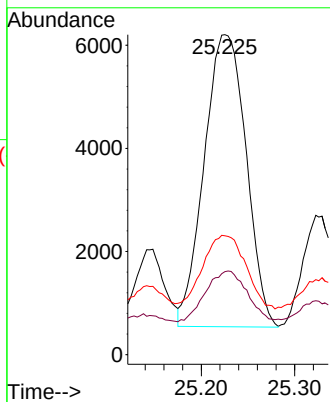
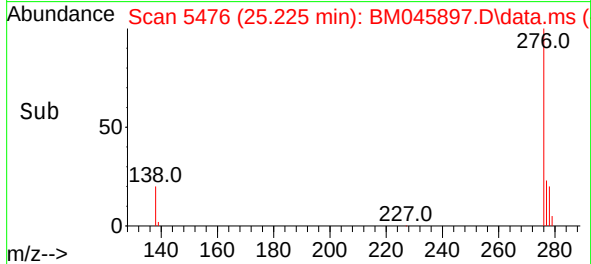
Instrument :
BNA_M
ClientSampleId :
A4D21DL



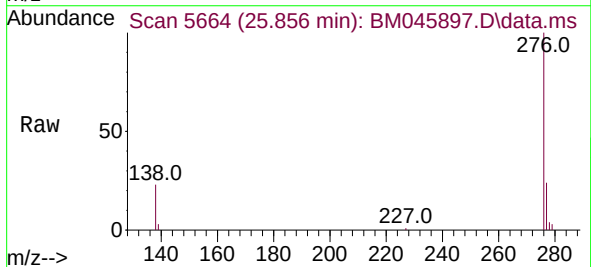
Tgt Ion:278 Resp: 1766
Ion Ratio Lower Upper
278 100
139 25.9 16.6 25.0
279 37.2 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 1.064 ng/ul
RT: 25.856 min Scan# 5664
Delta R.T. -0.007 min
Lab File: BM045897.D
Acq: 08 Jun 2024 01:22



Tgt Ion:276 Resp: 72431
Ion Ratio Lower Upper
276 100
138 23.4 21.0 31.4
277 24.4 20.5 30.7

