

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046873.D
 Acq On : 27 Jul 2024 18:18
 Operator : MA/JU
 Sample : P3263-16
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CK4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 28 23:31:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	5042	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	12516	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.109	164	7601	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.867	188	13764	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.090	240	10576	0.400	ng/ul	# 0.00
23) Perylene-d12	23.229	264	14708	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	9245	2.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	4826	0.243	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	7281	0.211	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	72366	2.286	ng/ul	96
7) 2-Methylnaphthalene	11.893	142	39534	1.815	ng/ul	100
8) 1-Methylnaphthalene	12.119	142	28471	1.265	ng/ul	100
10) Acenaphthylene	13.827	152	143301	4.116	ng/ul	98
11) Acenaphthene	14.174	153	63490	2.687	ng/ul	100
12) Fluorene	15.168	166	83562	2.829	ng/ul	99
14) Pentachlorophenol	16.529	266	3425	0.550	ng/ul	99
15) Phenanthrene	16.909	178	1368002	34.580	ng/ul	98
16) Anthracene	17.002	178	301240	8.180	ng/ul	99
19) Fluoranthene	18.946	202	2053841	44.218	ng/ul	99
20) Pyrene	19.309	202	1511477	31.458	ng/ul	100
21) Benzo(a)anthracene	21.073	228	1201480	27.262	ng/ul	96
22) Chrysene	21.125	228	1310808	29.279	ng/ul	97
24) Benzo(b)fluoranthene	22.601	252	1669410m	25.853	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	553401m	8.505	ng/ul	
26) Benzo(a)pyrene	23.139	252	600535	12.955	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.353	276	609675	8.545	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.360	278	206923	3.962	ng/ul#	95
29) Benzo(g,h,i)perylene	25.993	276	93067	1.481	ng/ul#	86

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

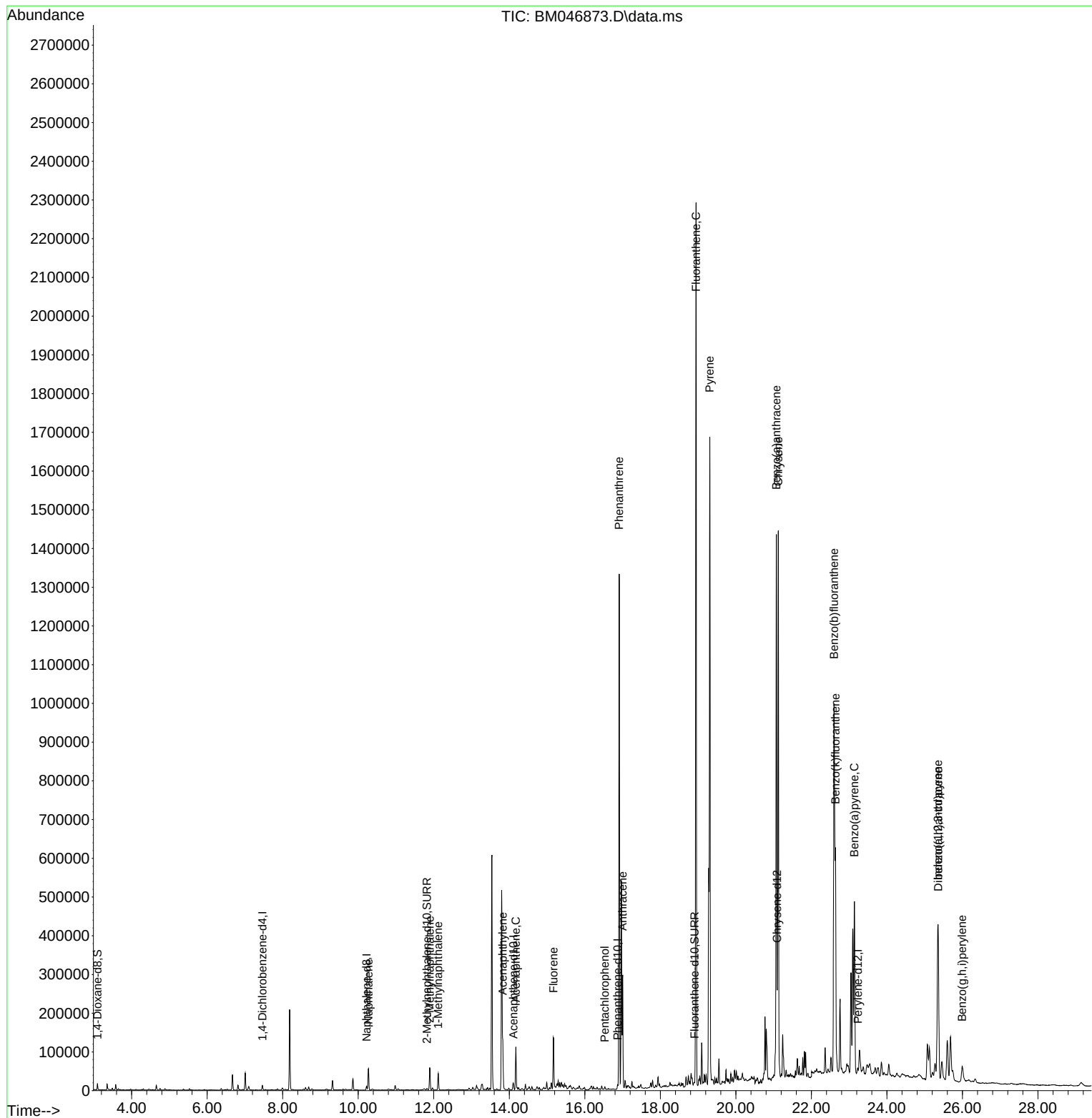
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046873.D
Acq On : 27 Jul 2024 18:18
Operator : MA/JU
Sample : P3263-16
Misc :
ALS Vial : 55 Sample Multiplier: 1

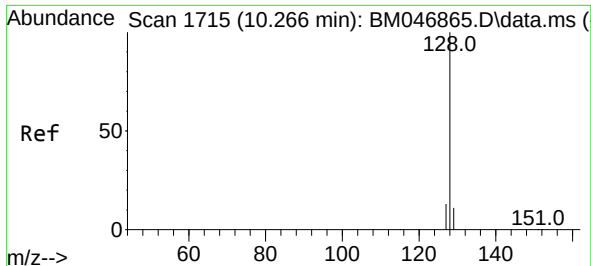
Instrument :
BNA_M
ClientSampleId :
A4CK4

Quant Time: Jul 28 23:31:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

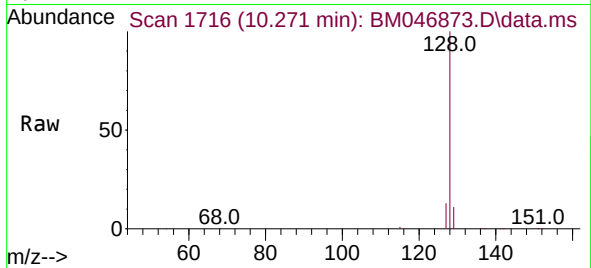
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024





#5
Naphthalene
Concen: 2.286 ng/ul
RT: 10.271 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

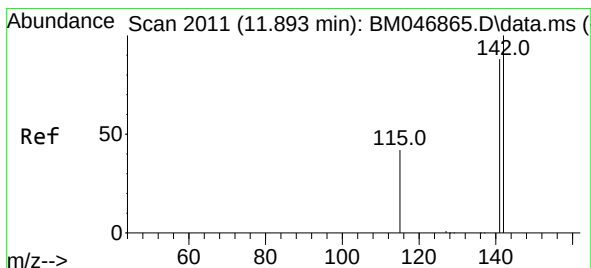
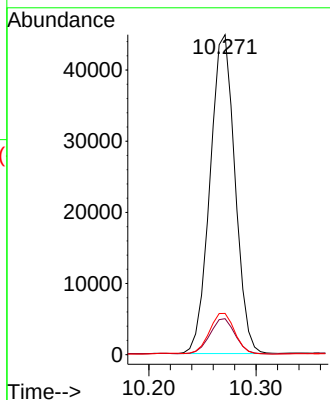
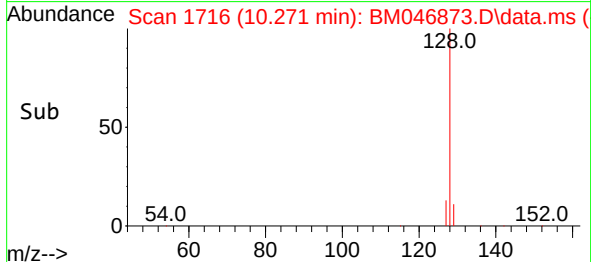
Instrument :
BNA_M
ClientSampleId :
A4CK4



Tgt Ion:128 Resp: 72360
Ion Ratio Lower Upper
128 100
129 11.2 10.1 15.1
127 12.9 11.5 17.3

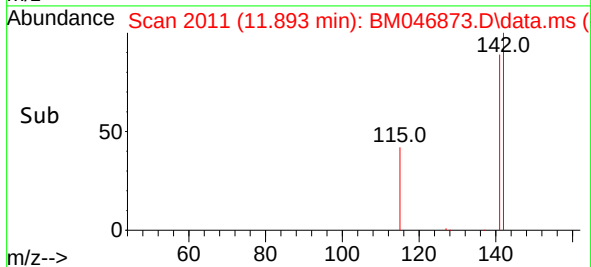
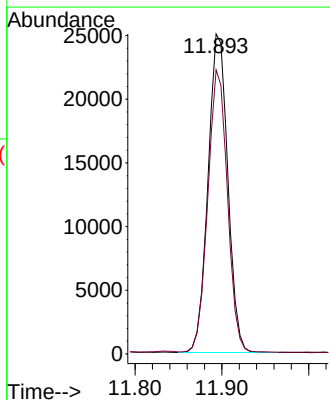
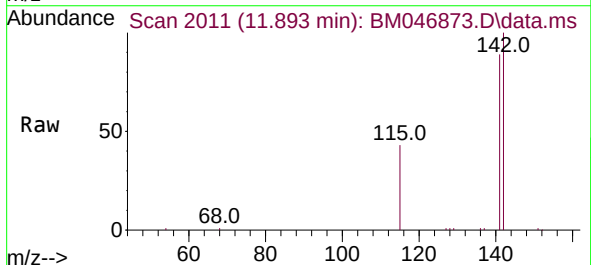
Manual Integrations
APPROVED

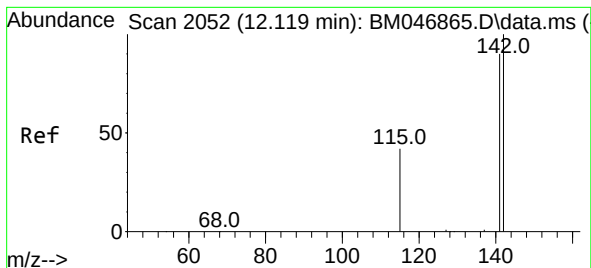
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 1.815 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.011 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

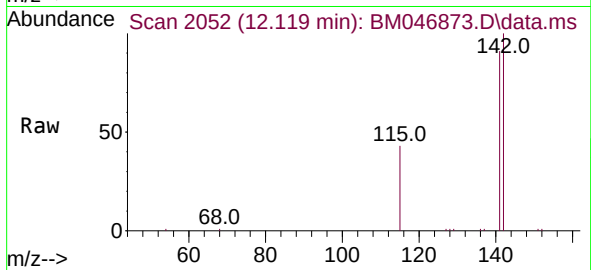
Tgt Ion:142 Resp: 39534
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7





#8
1-Methylnaphthalene
Concen: 1.265 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.011 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

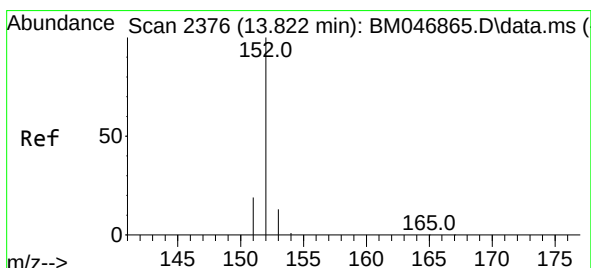
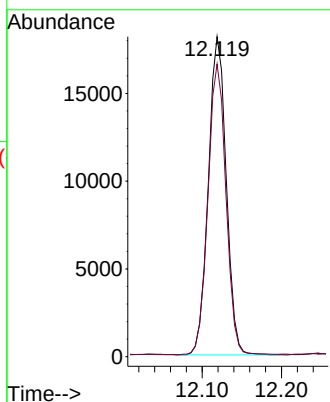
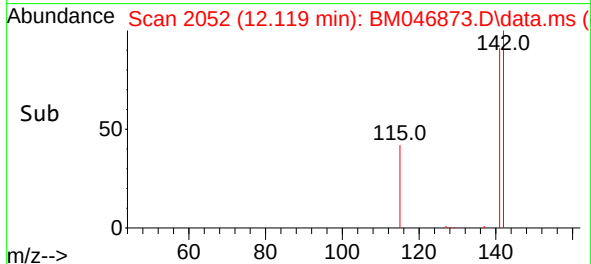
Instrument :
BNA_M
ClientSampleId :
A4CK4



Tgt Ion:142 Resp: 2847
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7

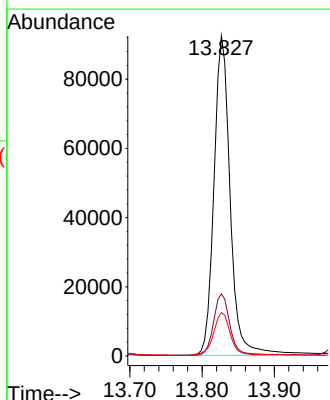
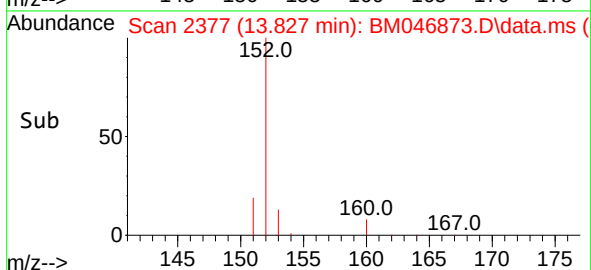
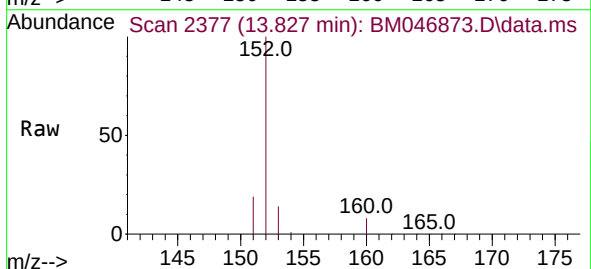
Manual Integrations
APPROVED

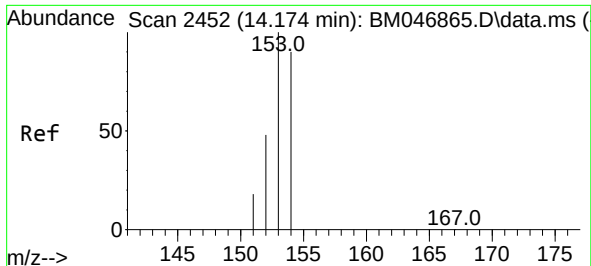
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Acenaphthylene
Concen: 4.116 ng/ul
RT: 13.827 min Scan# 2377
Delta R.T. -0.005 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

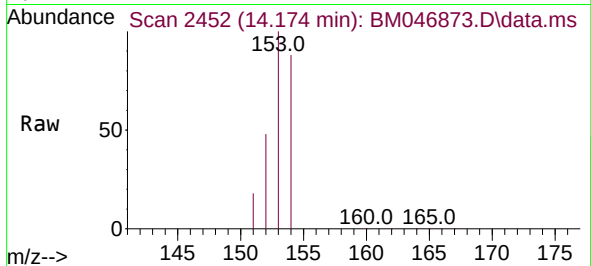
Tgt Ion:152 Resp: 143301
Ion Ratio Lower Upper
152 100
151 19.4 16.8 25.2
153 13.6 11.0 16.6





#11
Acenaphthene
Concen: 2.687 ng/u1
RT: 14.174 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

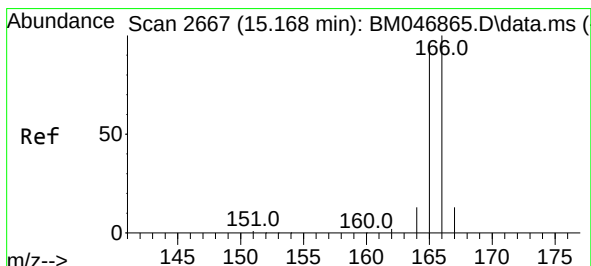
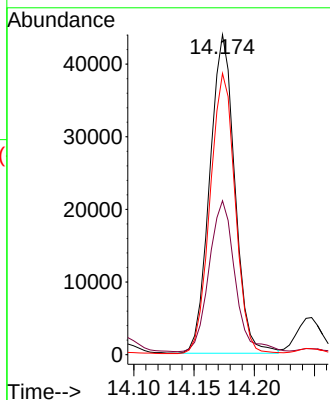
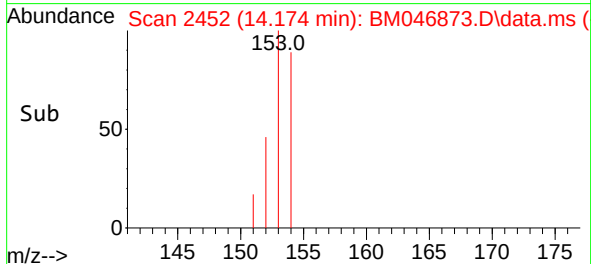
Instrument :
BNA_M
ClientSampleId :
A4CK4



Tgt Ion:153 Resp: 63490
Ion Ratio Lower Upper
153 100
152 48.1 38.6 57.8
154 87.9 70.8 106.2

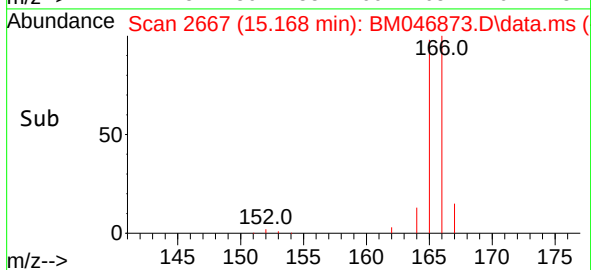
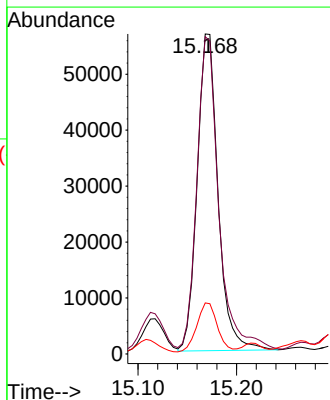
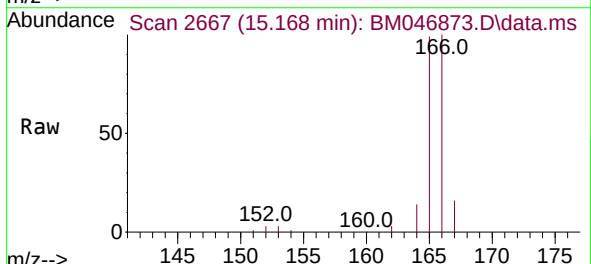
Manual Integrations
APPROVED

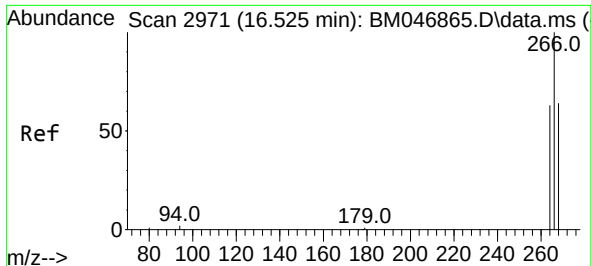
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 2.829 ng/u1
RT: 15.168 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

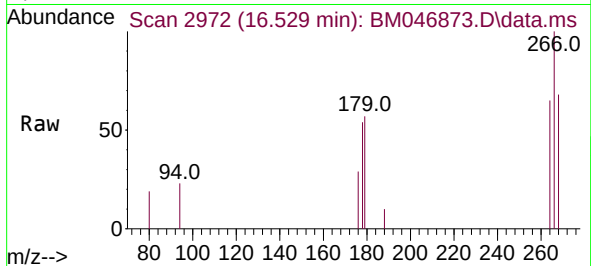
Tgt Ion:166 Resp: 83562
Ion Ratio Lower Upper
166 100
165 99.1 79.8 119.6
167 16.0 12.3 18.5





#14
Pentachlorophenol
Concen: 0.550 ng/ul
RT: 16.529 min Scan# 2971
Delta R.T. -0.004 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

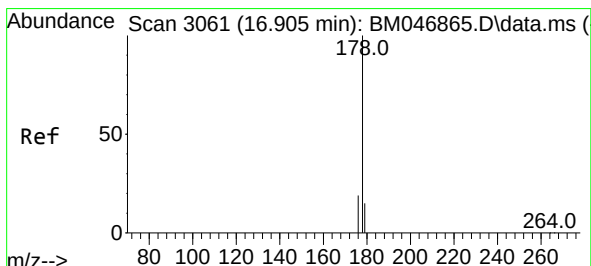
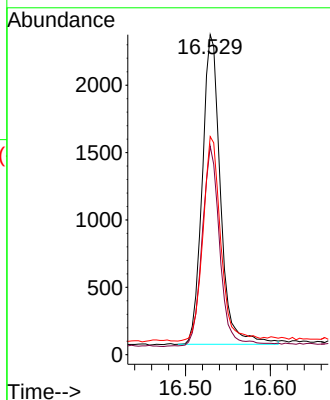
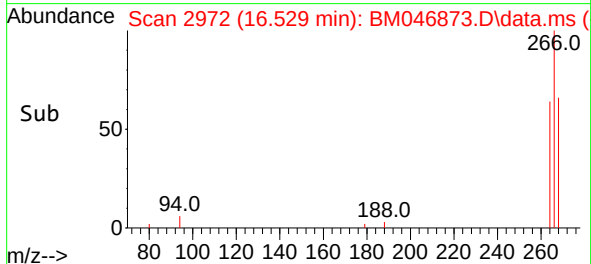
Instrument :
BNA_M
ClientSampleId :
A4CK4



Tgt Ion:266 Resp: 3425
Ion Ratio Lower Upper
266 100
264 63.9 51.1 76.7
268 65.5 51.8 77.6

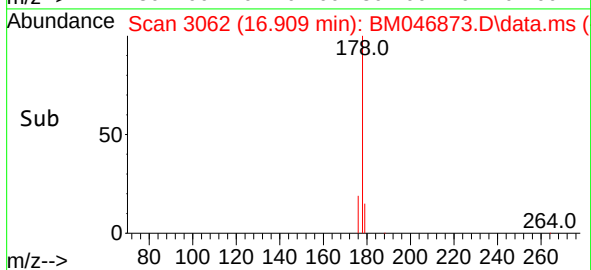
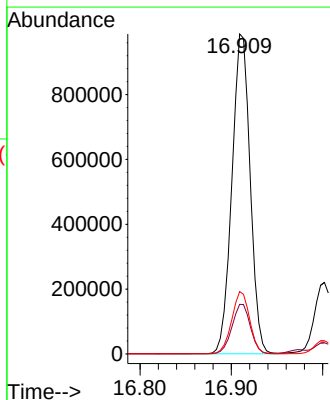
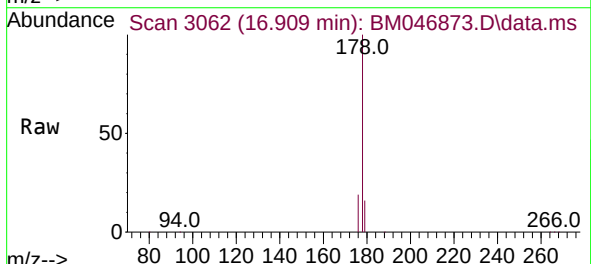
Manual Integrations
APPROVED

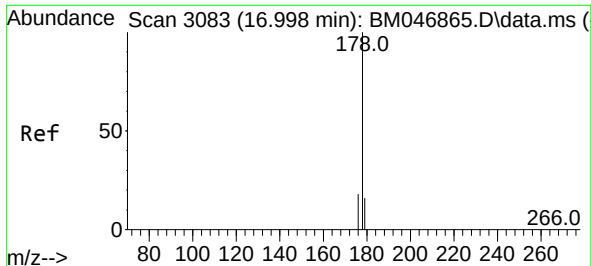
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#15
Phenanthrene
Concen: 34.580 ng/ul
RT: 16.909 min Scan# 3062
Delta R.T. -0.004 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

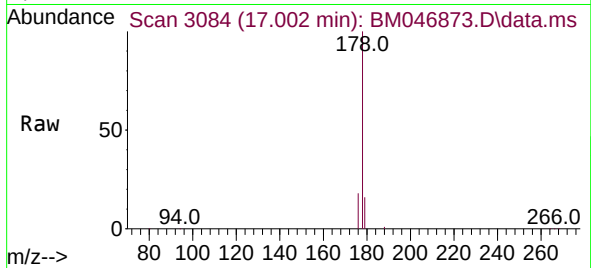
Tgt Ion:178 Resp: 1368002
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 19.5 16.1 24.1





#16
 Anthracene
 Concen: 8.180 ng/ul
 RT: 17.002 min Scan# 3084
 Delta R.T. -0.004 min
 Lab File: BM046873.D
 Acq: 27 Jul 2024 18:18

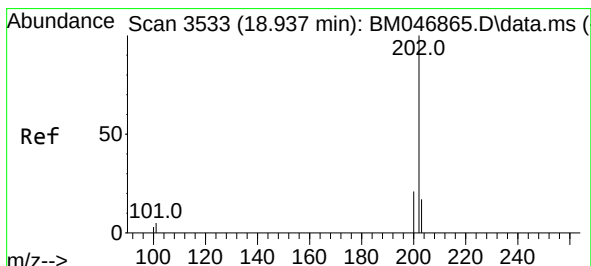
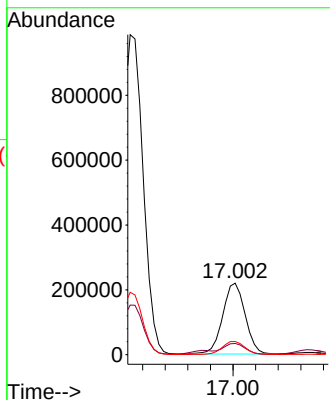
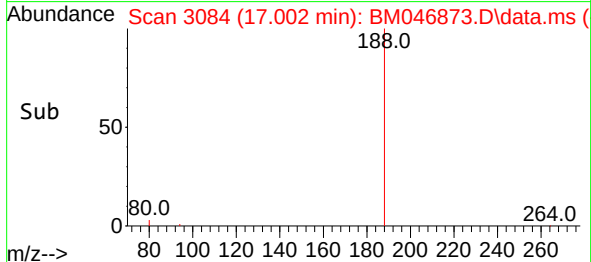
Instrument :
 BNA_M
 ClientSampleId :
 A4CK4



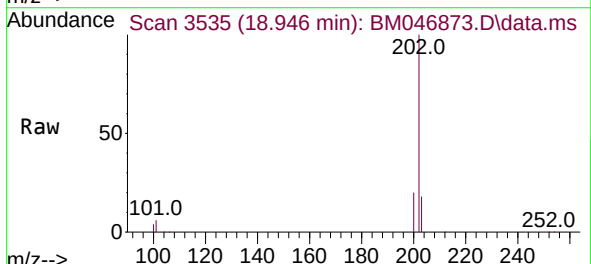
Tgt Ion:178 Resp: 301240
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.1 19.7
 176 18.4 15.0 22.6

Manual Integrations
 APPROVED

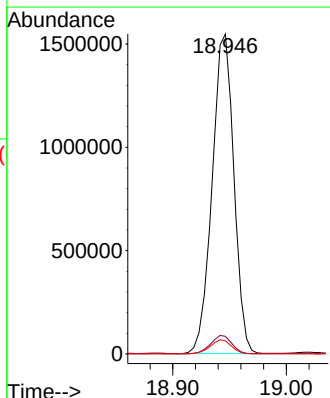
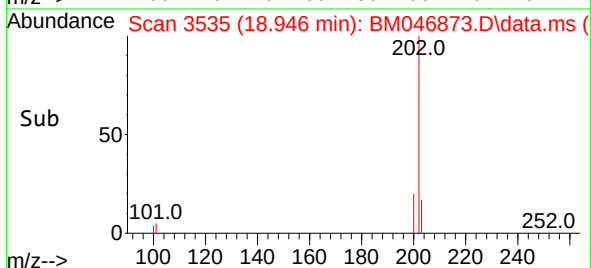
Reviewed By :Yogesh Patel 07/29/2024
 Supervised By :mohammad ahmed 08/05/2024

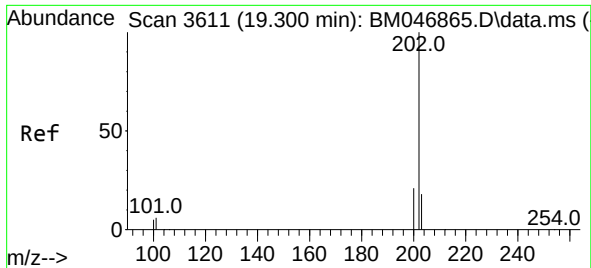


#19
 Fluoranthene
 Concen: 44.218 ng/ul
 RT: 18.946 min Scan# 3535
 Delta R.T. 0.005 min
 Lab File: BM046873.D
 Acq: 27 Jul 2024 18:18



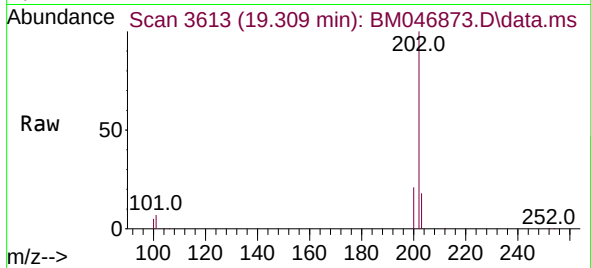
Tgt Ion:202 Resp: 2053841
 Ion Ratio Lower Upper
 202 100
 101 5.5 4.7 7.1
 100 4.1 3.4 5.2





#20
Pyrene
Concen: 31.458 ng/ul
RT: 19.309 min Scan# 3611
Delta R.T. 0.005 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

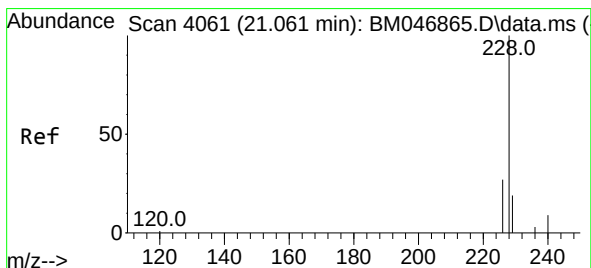
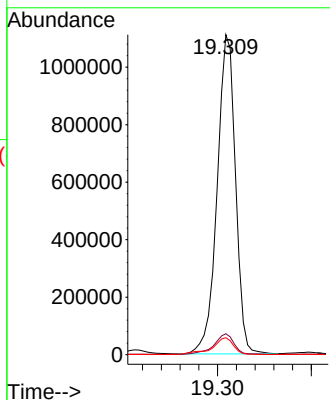
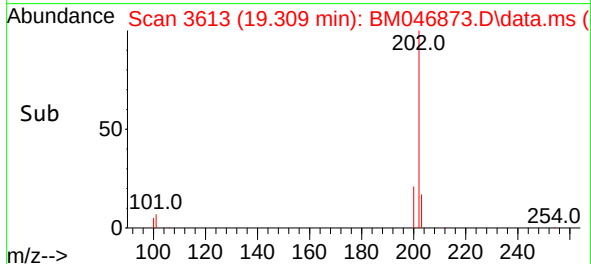
Instrument :
BNA_M
ClientSampleId :
A4CK4



Tgt Ion:202 Resp: 151147
Ion Ratio Lower Upper
202 100
101 6.6 5.2 7.8
100 5.3 4.3 6.5

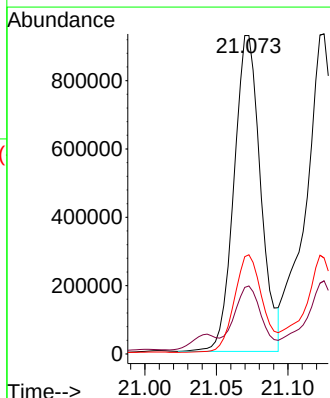
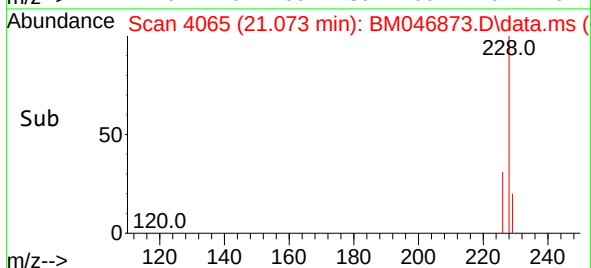
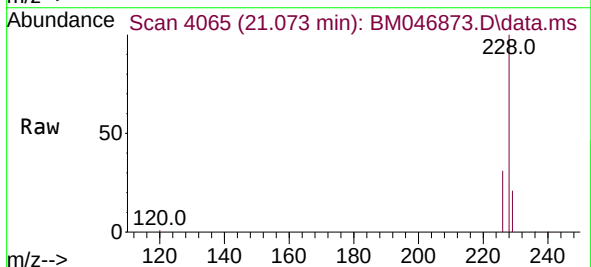
Manual Integrations
APPROVED

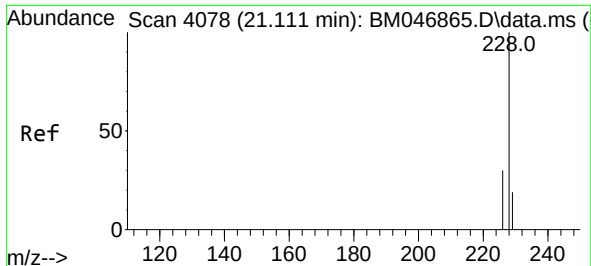
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#21
Benzo(a)anthracene
Concen: 27.262 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. 0.009 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

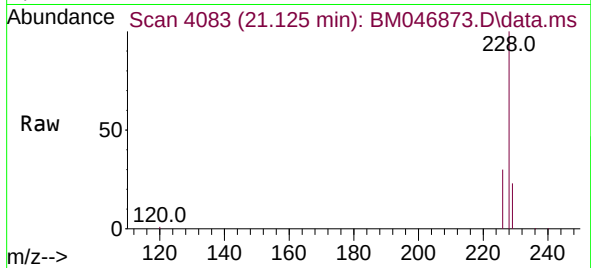
Tgt Ion:228 Resp: 1201480
Ion Ratio Lower Upper
228 100
229 21.4 16.3 24.5
226 31.1 22.3 33.5





#22
Chrysene
Concen: 29.279 ng/ul
RT: 21.125 min Scan# 4078
Delta R.T. 0.009 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

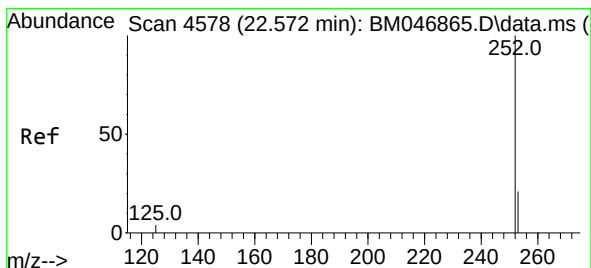
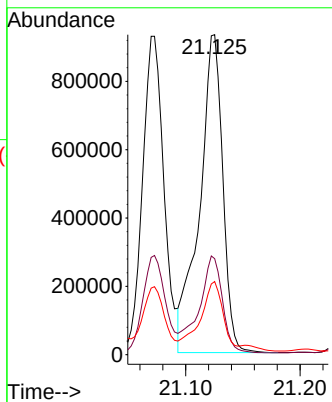
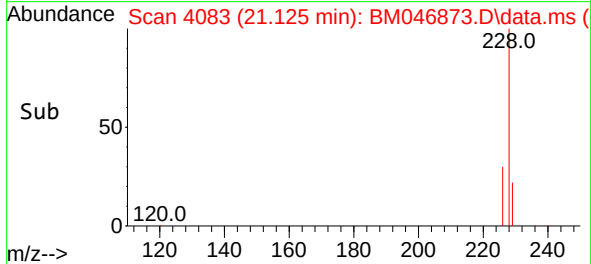
Instrument :
BNA_M
ClientSampleId :
A4CK4



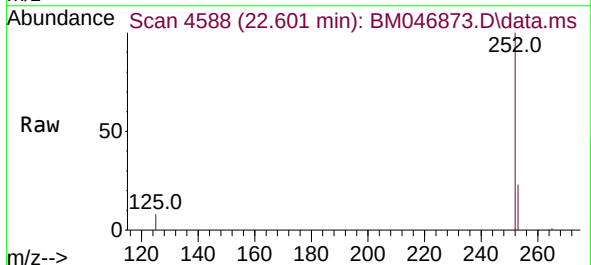
Tgt Ion:228 Resp: 1310808
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 22.9 16.2 24.2

Manual Integrations
APPROVED

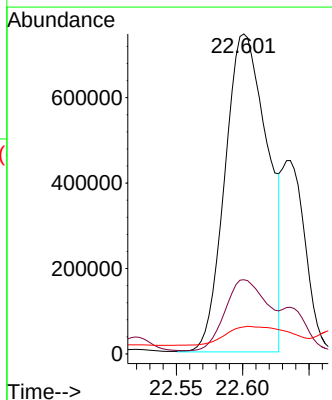
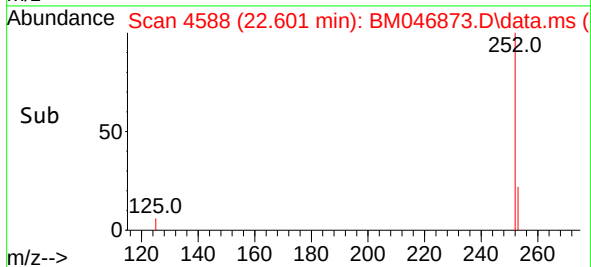
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024

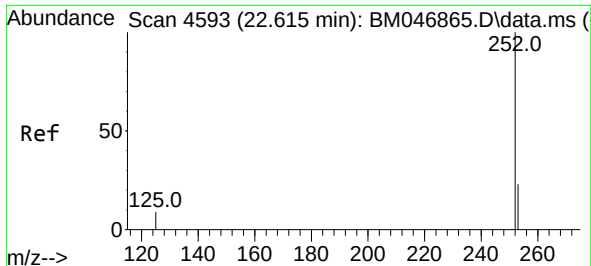


#24
Benzo(b)fluoranthene
Concen: 25.853 ng/ul m
RT: 22.601 min Scan# 4588
Delta R.T. 0.020 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18



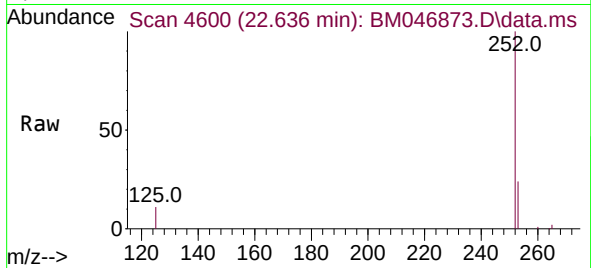
Tgt Ion:252 Resp: 1669410
Ion Ratio Lower Upper
252 100
253 23.2 0.0 56.4
125 8.5 0.0 15.8





#25
Benzo(k)fluoranthene
Concen: 8.505 ng/ul m
RT: 22.636 min Scan# 4
Delta R.T. 0.015 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

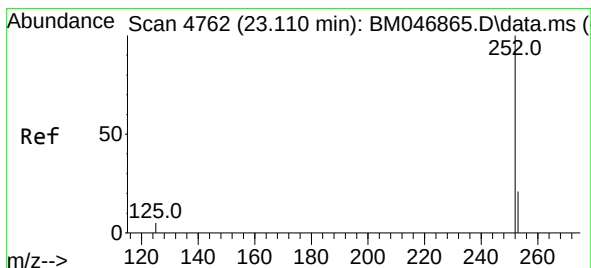
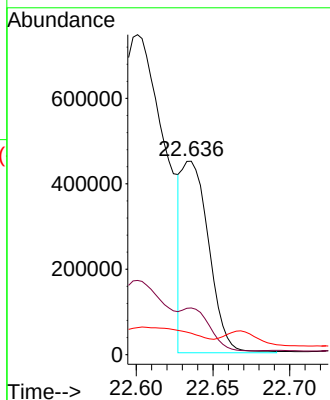
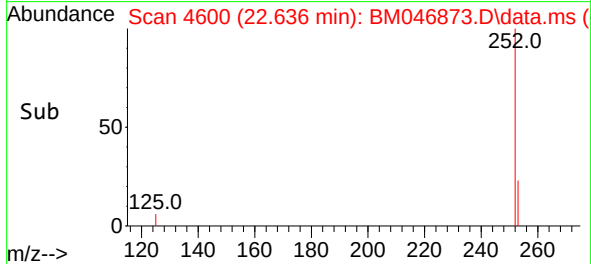
Instrument :
BNA_M
ClientSampleId :
A4CK4



Tgt Ion:252 Resp: 55340
Ion Ratio Lower Upper
252 100
253 24.1 23.5 35.3
125 11.1 8.6 13.0

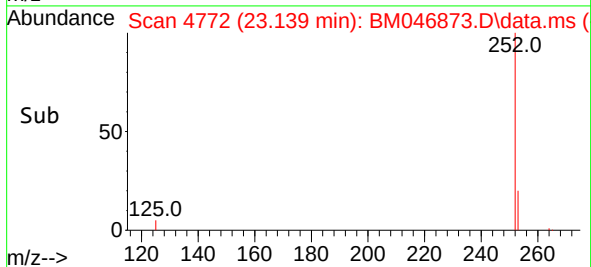
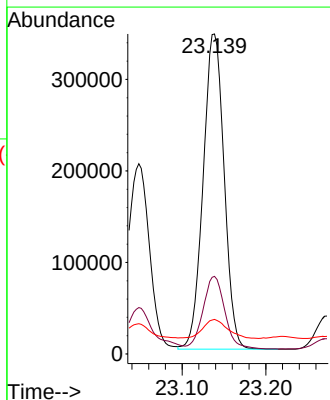
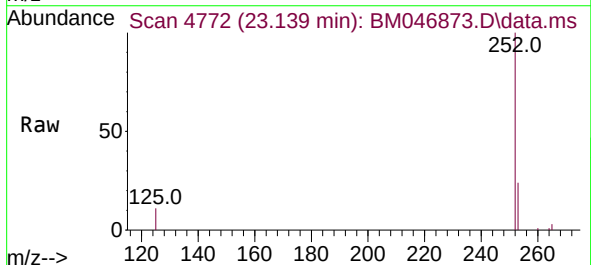
Manual Integrations
APPROVED

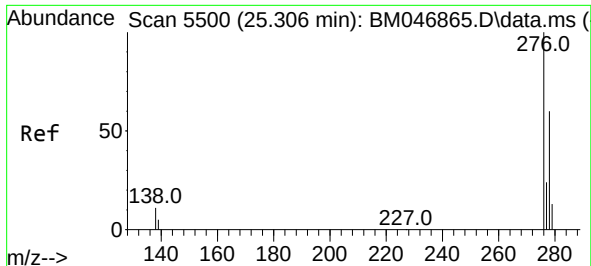
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#26
Benzo(a)pyrene
Concen: 12.955 ng/ul
RT: 23.139 min Scan# 4772
Delta R.T. 0.020 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

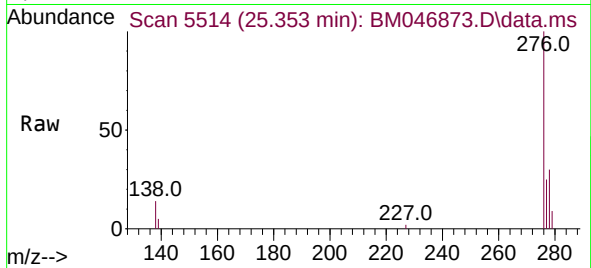
Tgt Ion:252 Resp: 600535
Ion Ratio Lower Upper
252 100
253 24.3 26.0 39.0#
125 10.8 7.8 11.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 8.545 ng/ul
RT: 25.353 min Scan# 5514
Delta R.T. 0.037 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

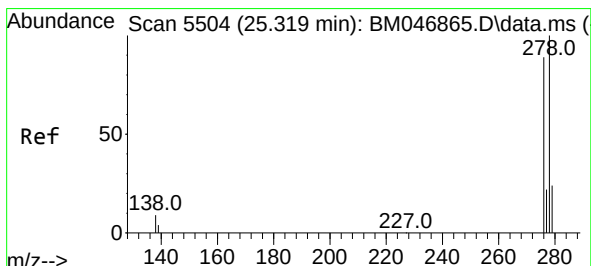
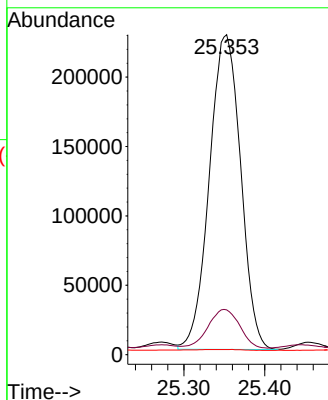
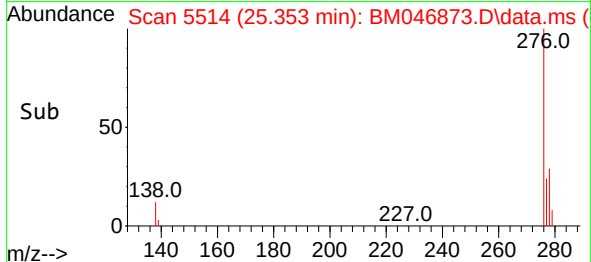
Instrument :
BNA_M
ClientSampleId :
A4CK4



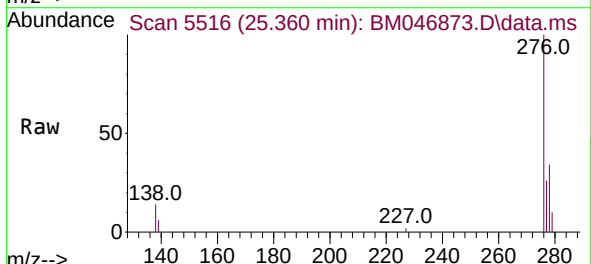
Tgt Ion:276 Resp: 609679
Ion Ratio Lower Upper
276 100
138 12.3 9.7 14.5
227 0.5 0.2 0.2

Manual Integrations
APPROVED

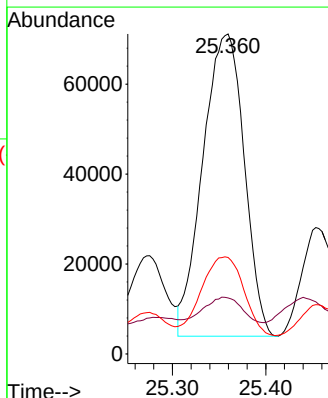
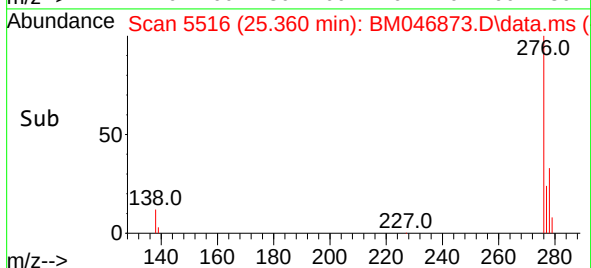
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024

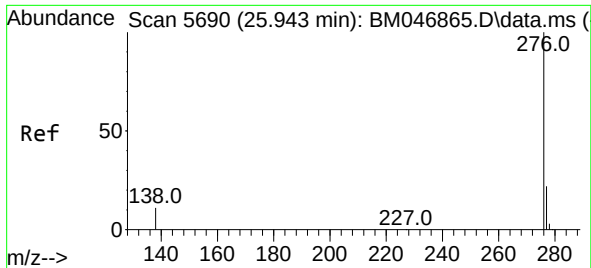


#28
Dibenzo(a,h)anthracene
Concen: 3.962 ng/ul
RT: 25.360 min Scan# 5516
Delta R.T. 0.027 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18



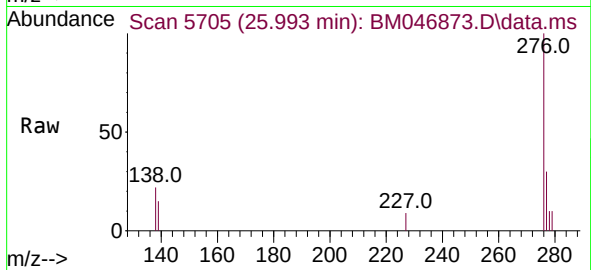
Tgt Ion:278 Resp: 206923
Ion Ratio Lower Upper
278 100
139 17.5 9.8 14.8#
279 30.2 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 1.481 ng/ul
RT: 25.993 min Scan# 51
Delta R.T. 0.040 min
Lab File: BM046873.D
Acq: 27 Jul 2024 18:18

Instrument :
BNA_M
ClientSampleId :
A4CK4



Tgt Ion:276 Resp: 9306
Ion Ratio Lower Upper
276 100
138 22.2 9.5 14.3
277 30.4 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024

