

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046157.D
 Acq On : 21 Jun 2024 13:18
 Operator : MA/JU
 Sample : P2754-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP6MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 14:27:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	2290	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.211	136	6730	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.072	164	3772	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.812	188	7880	0.400	ng/ul	-0.05
17) Chrysene-d12	21.008	240	6313m	0.400	ng/ul	-0.04
23) Perylene-d12	23.107	264	8966	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	1586	0.505	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.811	152	3278	0.363	ng/ul	-0.05
18) Fluoranthene-d10	18.844	212	7760	0.410	ng/ul	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.067	88	4234	1.202	ng/ul#	88
5) Naphthalene	10.260	128	15683	0.836	ng/ul	95
7) 2-Methylnaphthalene	11.882	142	6720	0.636	ng/ul	98
8) 1-Methylnaphthalene	12.097	142	6404	0.552	ng/ul	99
10) Acenaphthylene	13.794	152	22745	1.271	ng/ul	97
11) Acenaphthene	14.136	153	14097	1.091	ng/ul	99
12) Fluorene	15.131	166	15613	1.127	ng/ul	99
14) Pentachlorophenol	16.495	266	1454	0.616	ng/ul	98
15) Phenanthrene	16.854	178	247185	11.165	ng/ul	96
16) Anthracene	16.947	178	52668	3.194	ng/ul	96
19) Fluoranthene	18.872	202	600761	21.978	ng/ul	97
20) Pyrene	19.239	202	437713	14.807	ng/ul#	94
21) Benzo(a)anthracene	20.991	228	264064	10.829	ng/ul	100
22) Chrysene	21.043	228	290469m	9.334	ng/ul	
24) Benzo(b)fluoranthene	22.487	252	426460m	13.202	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	165385m	4.307	ng/ul	
26) Benzo(a)pyrene	23.013	252	162752	5.437	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.148	276	170147	3.473	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.152	278	62021	1.700	ng/ul	94
29) Benzo(g,h,i)perylene	25.772	276	23686	0.564	ng/ul	94

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

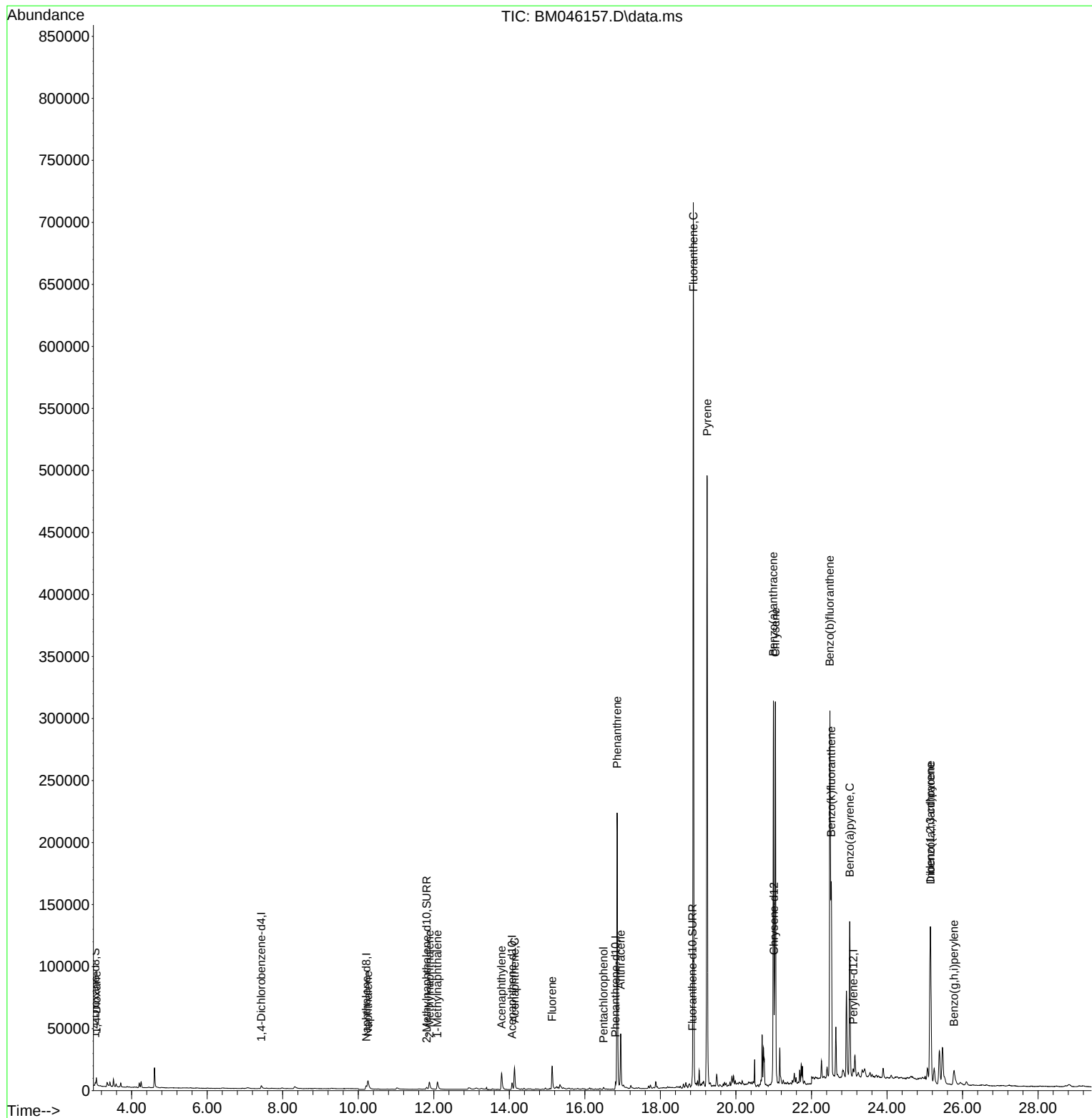
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046157.D
Acq On : 21 Jun 2024 13:18
Operator : MA/JU
Sample : P2754-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

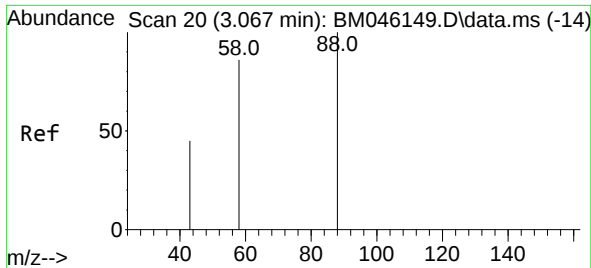
Instrument :
BNA_M
ClientSampleId :
A4BP6MSD

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

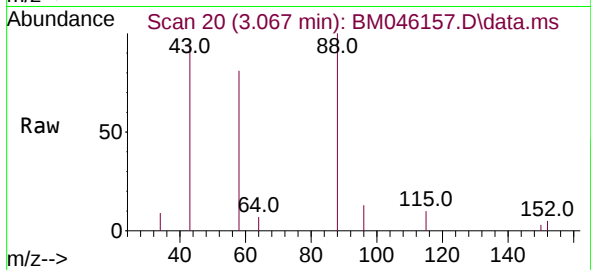
Quant Time: Jun 21 14:27:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.202 ng/ul
RT: 3.067 min Scan# 20
Delta R.T. -0.009 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

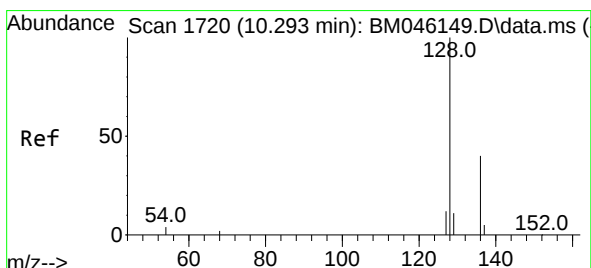
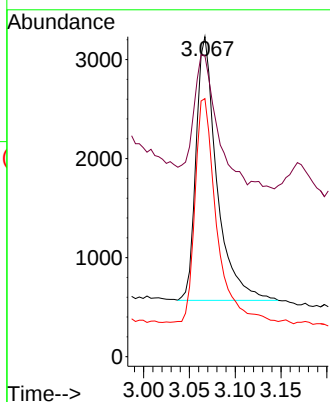
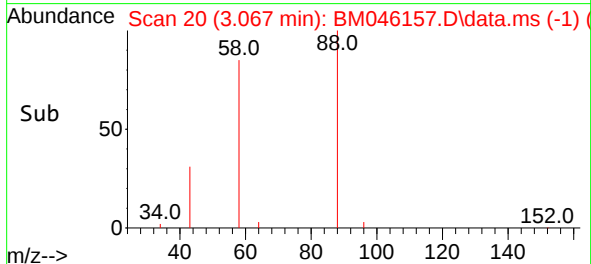
Instrument :
BNA_M
ClientSampleId :
A4BP6MSD



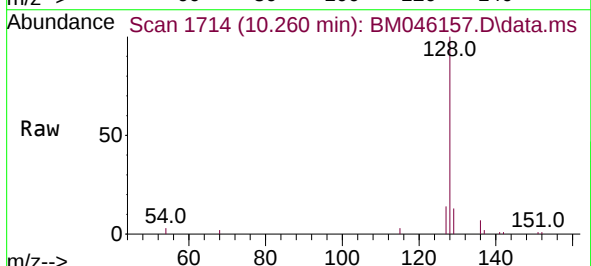
Tgt Ion: 88 Resp: 4234
Ion Ratio Lower Upper
88 100
43 94.1 69.8 104.8
58 80.7 53.2 79.8

Manual Integrations
APPROVED

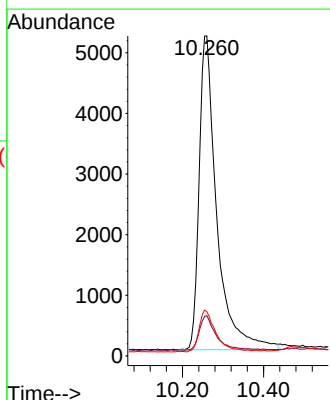
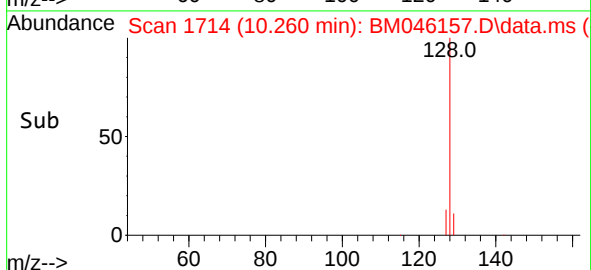
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

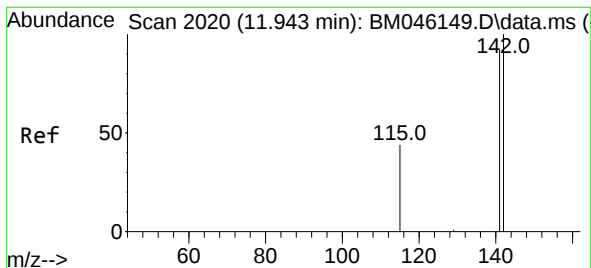


#5
Naphthalene
Concen: 0.836 ng/ul
RT: 10.260 min Scan# 1714
Delta R.T. -0.043 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18



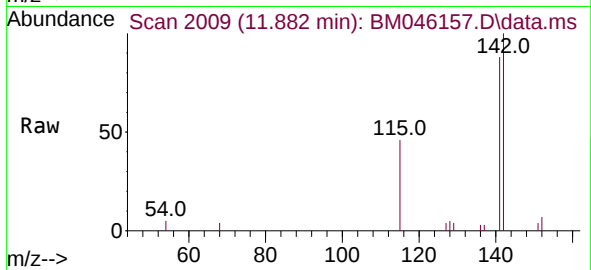
Tgt Ion:128 Resp: 15683
Ion Ratio Lower Upper
128 100
129 12.6 11.8 17.6
127 13.8 12.8 19.2





#7
2-Methylnaphthalene
Concen: 0.636 ng/ul
RT: 11.882 min Scan# 2009
Delta R.T. -0.065 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

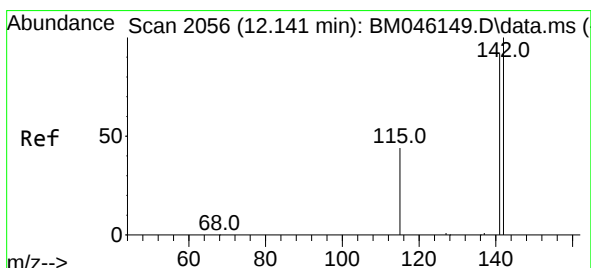
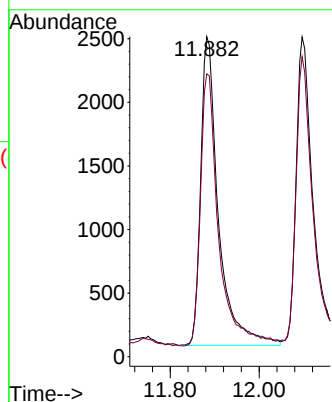
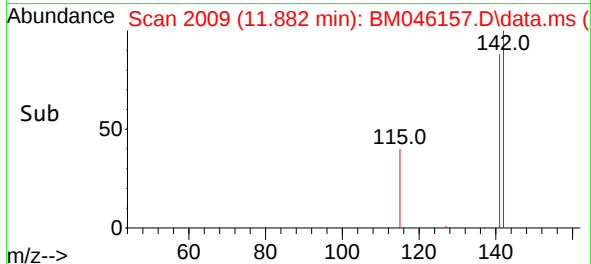
Instrument :
BNA_M
ClientSampleId :
A4BP6MSD



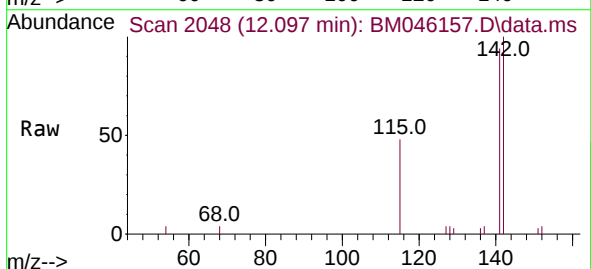
Tgt Ion:142 Resp: 6720
Ion Ratio Lower Upper
142 100
141 91.0 74.6 111.8

Manual Integrations
APPROVED

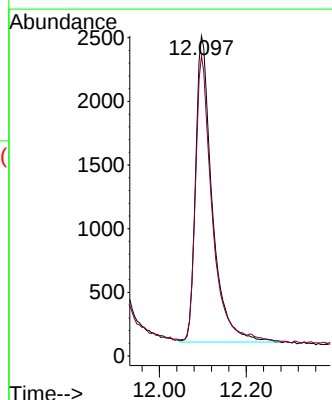
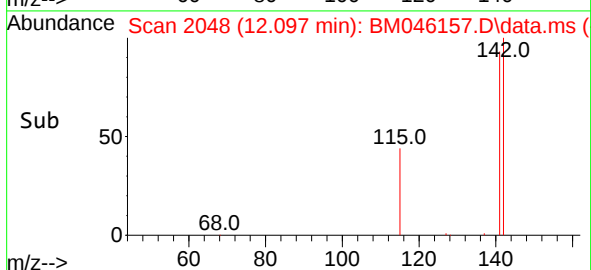
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

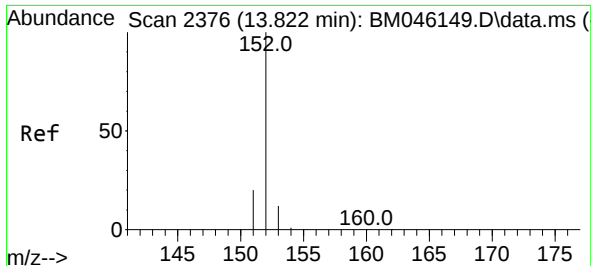


#8
1-Methylnaphthalene
Concen: 0.552 ng/ul
RT: 12.097 min Scan# 2048
Delta R.T. -0.054 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18



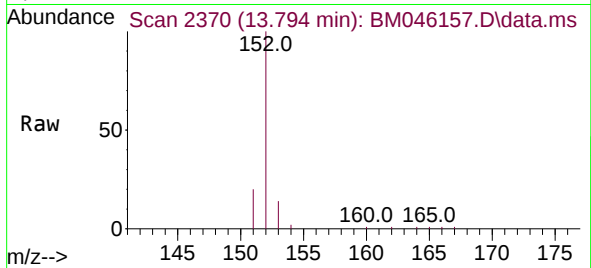
Tgt Ion:142 Resp: 6404
Ion Ratio Lower Upper
142 100
141 93.0 75.2 112.8





#10
Acenaphthylene
Concen: 1.271 ng/ul
RT: 13.794 min Scan# 21
Delta R.T. -0.040 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

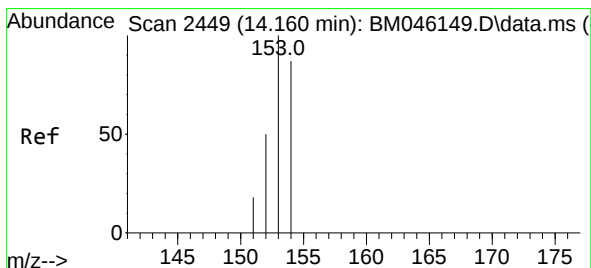
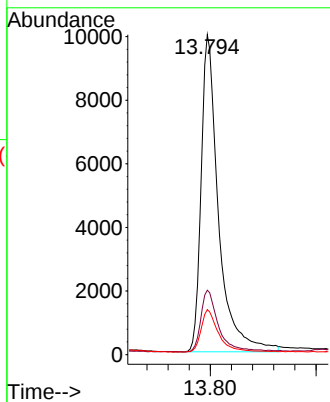
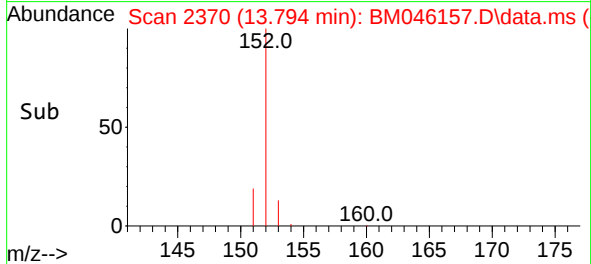
Instrument :
BNA_M
ClientSampleId :
A4BP6MSD



Tgt Ion:152 Resp: 22749
Ion Ratio Lower Upper
152 100
151 20.1 17.4 26.2
153 14.1 11.8 17.8

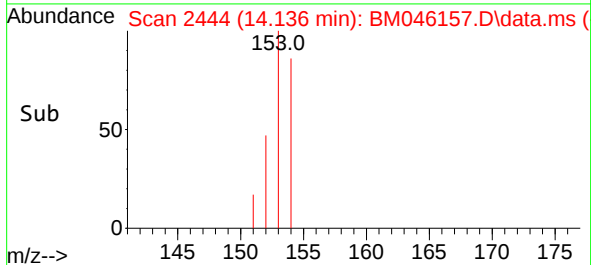
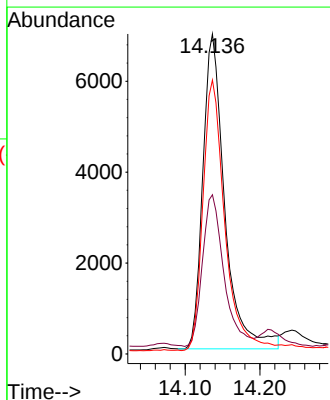
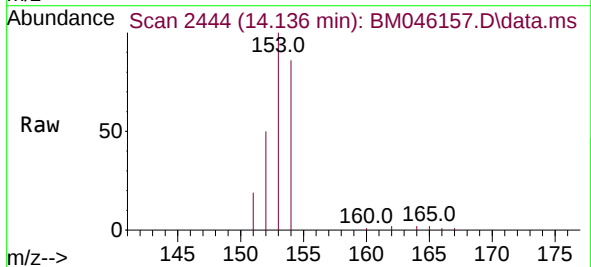
Manual Integrations
APPROVED

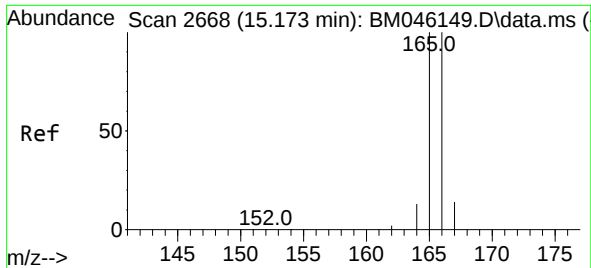
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#11
Acenaphthene
Concen: 1.091 ng/ul
RT: 14.136 min Scan# 2444
Delta R.T. -0.036 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

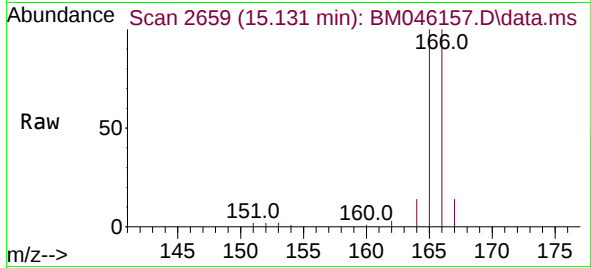
Tgt Ion:153 Resp: 14097
Ion Ratio Lower Upper
153 100
152 49.7 41.3 61.9
154 85.6 68.2 102.4





#12
Fluorene
Concen: 1.127 ng/ul
RT: 15.131 min Scan# 20659
Delta R.T. -0.050 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

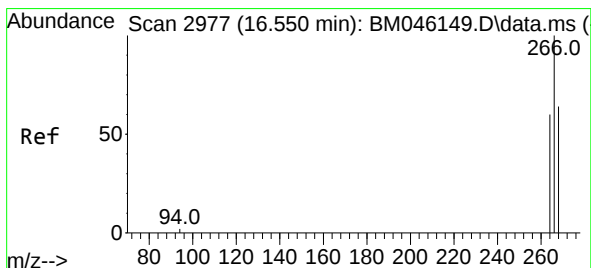
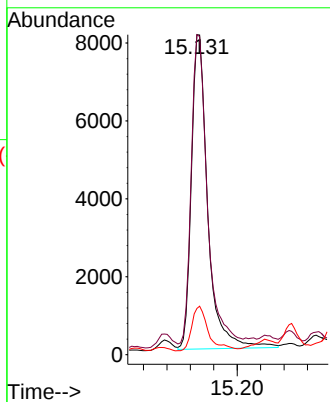
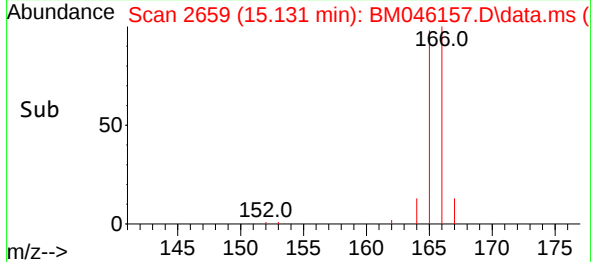
Instrument :
BNA_M
ClientSampleId :
A4BP6MSD



Tgt Ion:166 Resp: 1561
Ion Ratio Lower Upper
166 100
165 100.0 80.4 120.6
167 14.5 12.4 18.6

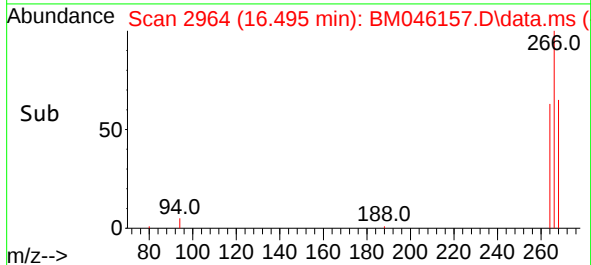
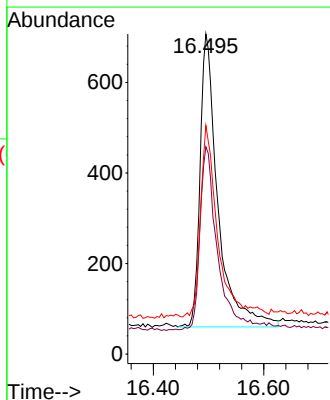
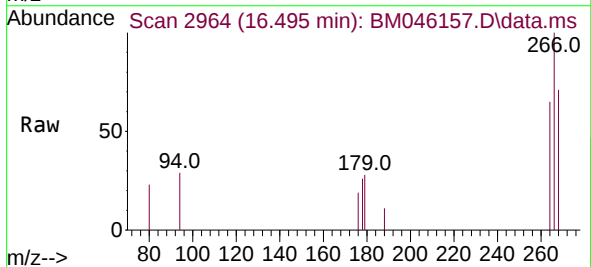
Manual Integrations
APPROVED

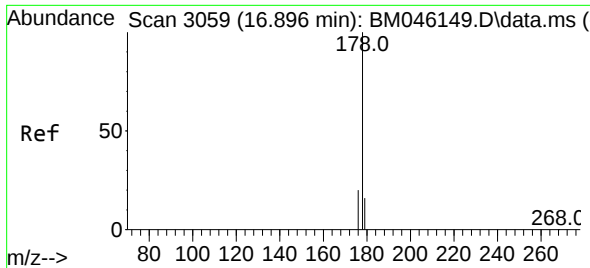
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#14
Pentachlorophenol
Concen: 0.616 ng/ul
RT: 16.495 min Scan# 2964
Delta R.T. -0.071 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

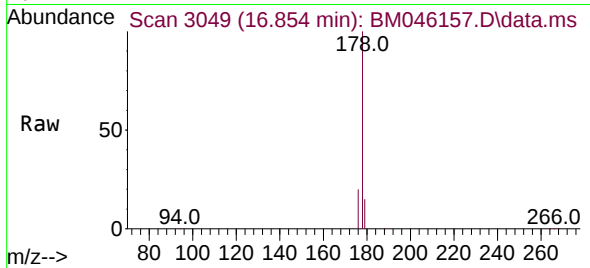
Tgt Ion:266 Resp: 1454
Ion Ratio Lower Upper
266 100
264 62.4 50.9 76.3
268 63.0 52.3 78.5





#15
Phenanthrene
Concen: 11.165 ng/ul
RT: 16.854 min Scan# 3071
Delta R.T. -0.049 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

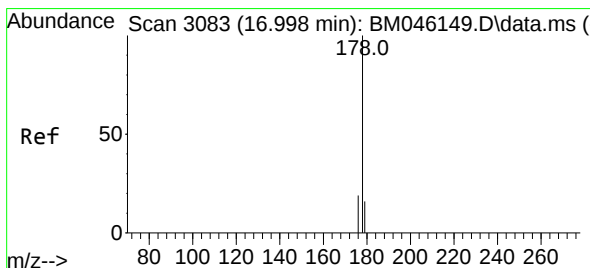
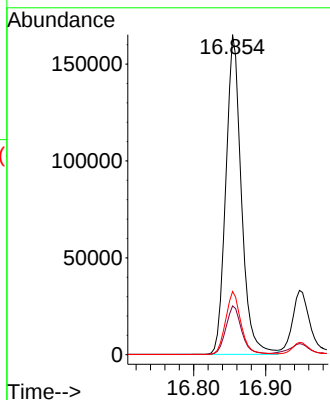
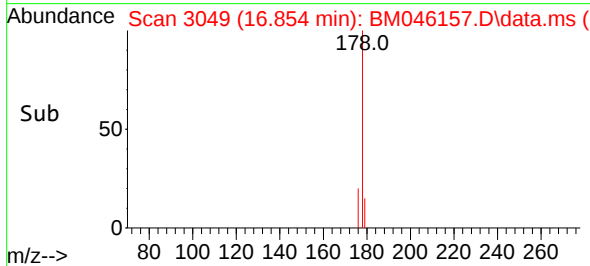
Instrument :
BNA_M
ClientSampleId :
A4BP6MSD



Tgt Ion:178 Resp: 247185
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.7 17.1 25.7

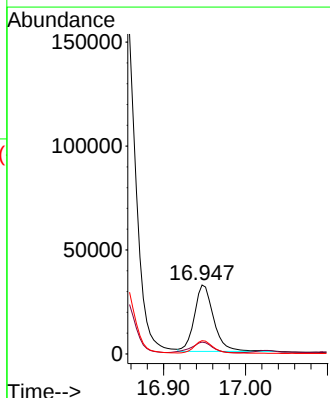
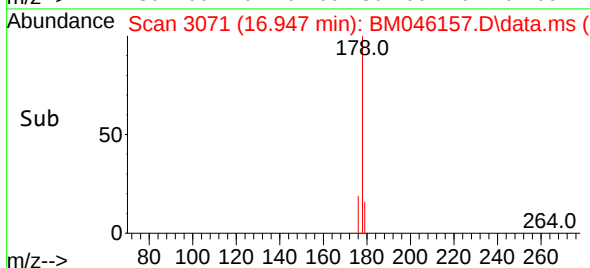
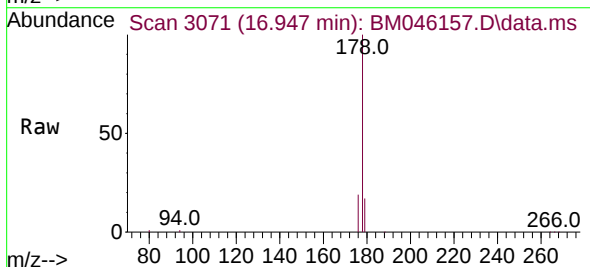
Manual Integrations
APPROVED

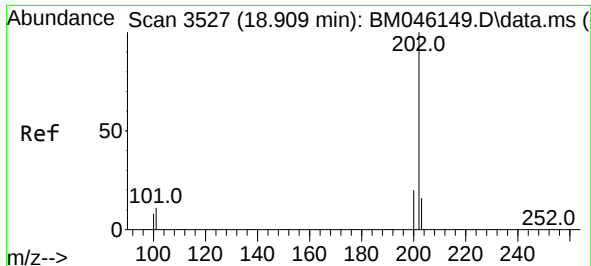
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 3.194 ng/ul
RT: 16.947 min Scan# 3071
Delta R.T. -0.058 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

Tgt Ion:178 Resp: 52668
Ion Ratio Lower Upper
178 100
179 17.1 14.9 22.3
176 19.2 17.0 25.4





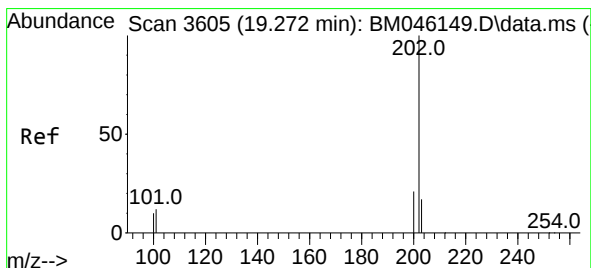
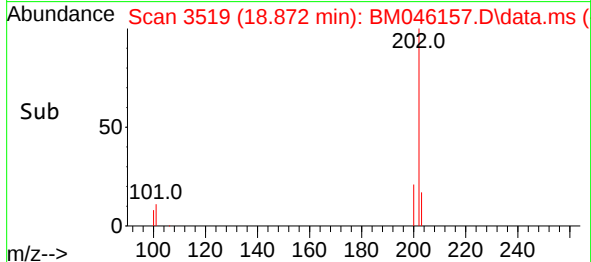
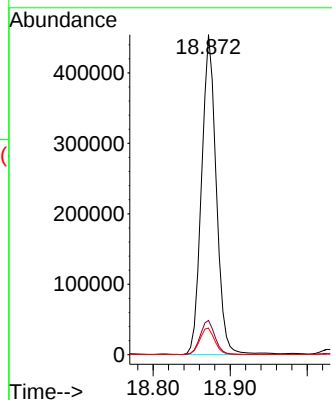
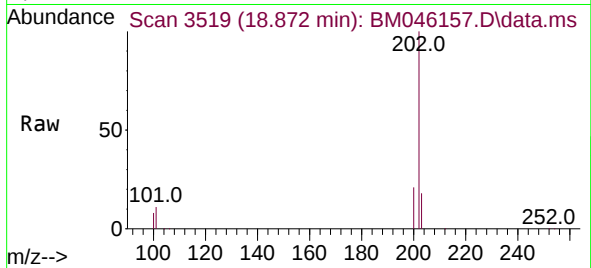
#19
Fluoranthene
Concen: 21.978 ng/ul
RT: 18.872 min Scan# 3519
Delta R.T. -0.045 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

Instrument :
BNA_M
ClientSampleId :
A4BP6MSD

Tgt Ion:202 Resp: 60076
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
100 8.3 7.6 11.4

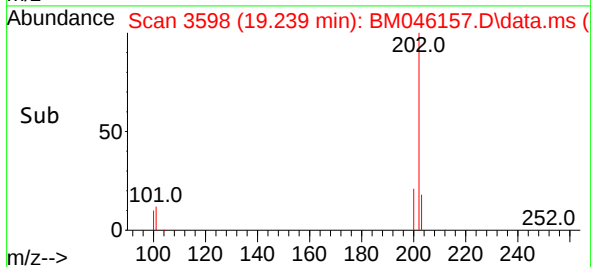
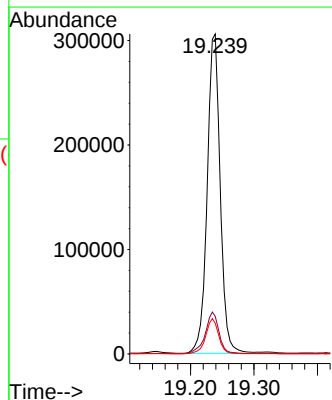
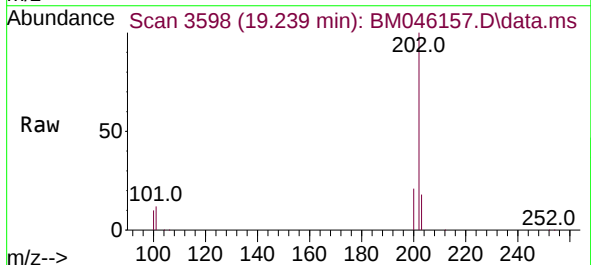
Manual Integrations
APPROVED

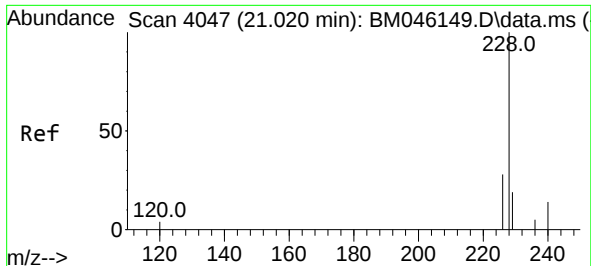
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 14.807 ng/ul
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

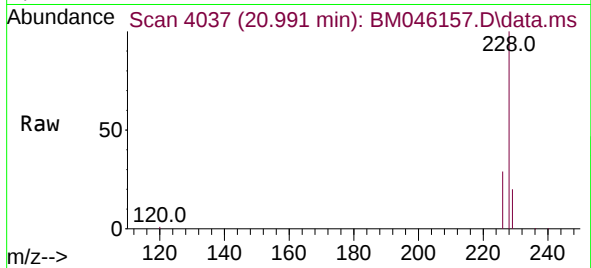
Tgt Ion:202 Resp: 437713
Ion Ratio Lower Upper
202 100
101 11.7 11.3 16.9
100 9.6 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 10.829 ng/ul
RT: 20.991 min Scan# 4037
Delta R.T. -0.038 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

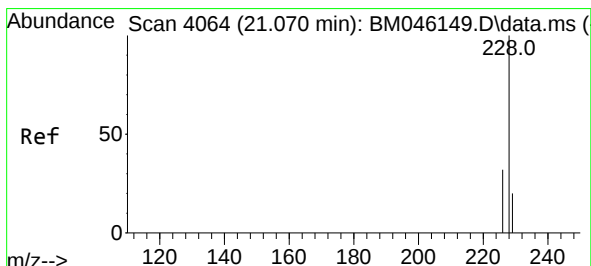
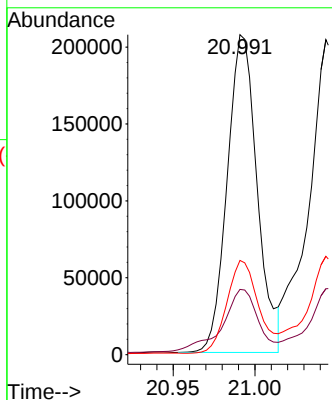
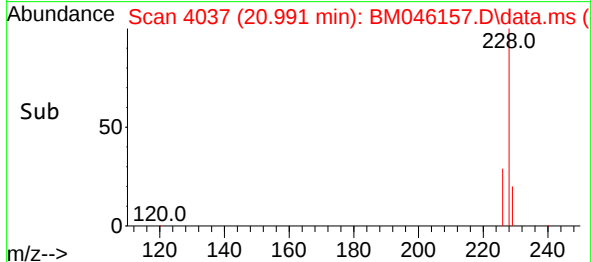
Instrument :
BNA_M
ClientSampleId :
A4BP6MSD



Tgt Ion:228 Resp: 264064
Ion Ratio Lower Upper
228 100
229 20.4 16.4 24.6
226 29.4 23.4 35.2

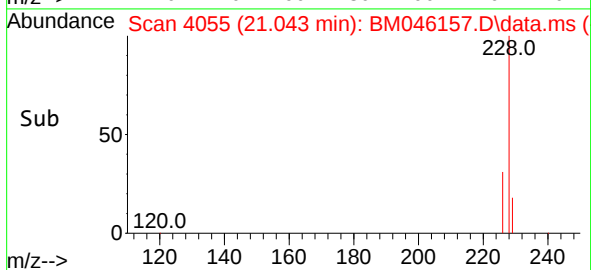
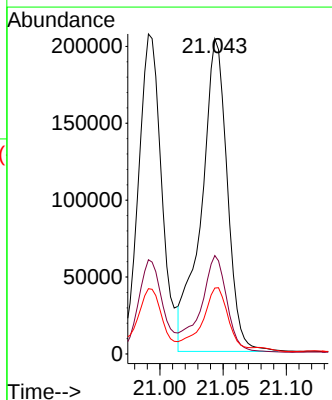
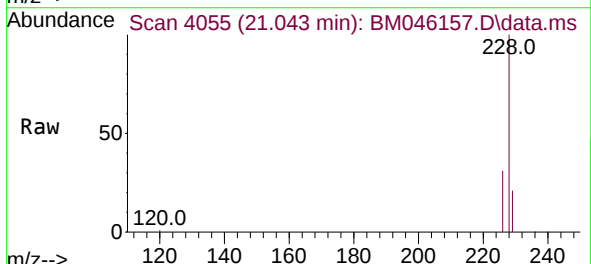
Manual Integrations
APPROVED

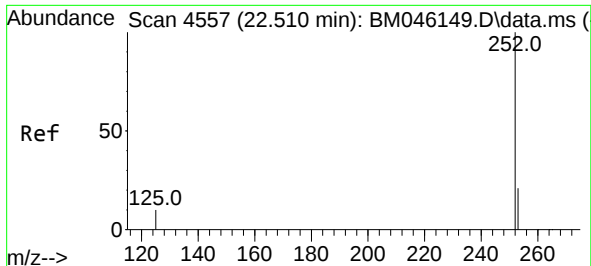
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 9.334 ng/ul m
RT: 21.043 min Scan# 4055
Delta R.T. -0.033 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

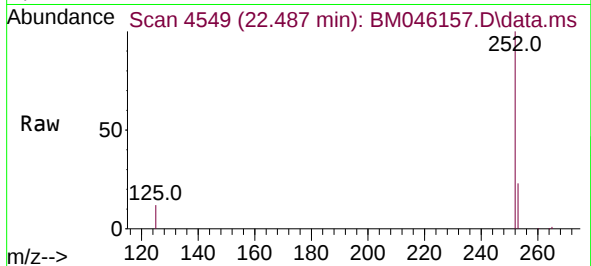
Tgt Ion:228 Resp: 290469
Ion Ratio Lower Upper
228 100
226 31.2 25.2 37.8
229 20.9 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 13.202 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.033 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

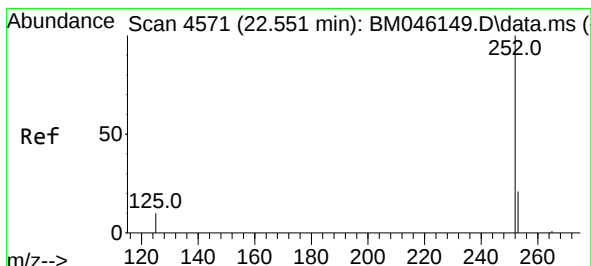
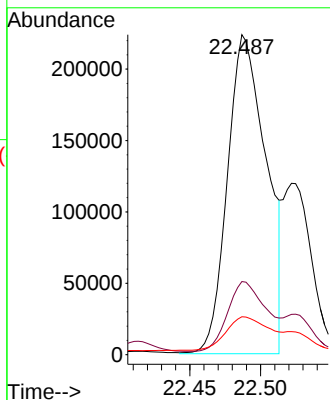
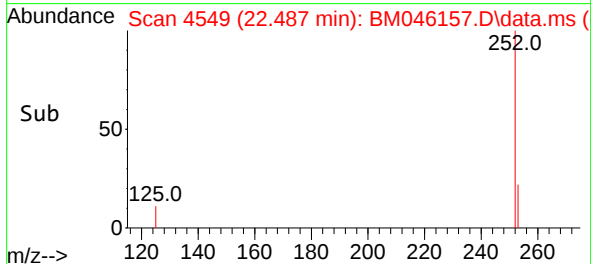
Instrument :
BNA_M
ClientSampleId :
A4BP6MSD



Tgt Ion:252 Resp: 426460
Ion Ratio Lower Upper
252 100
253 22.9 0.0 65.8
125 11.8 0.0 40.2

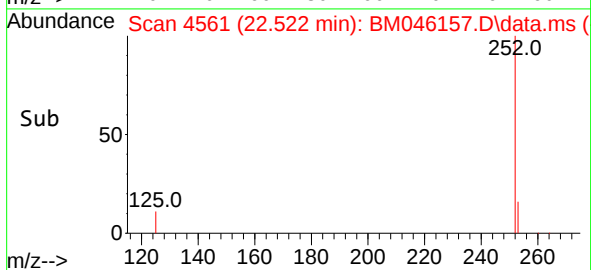
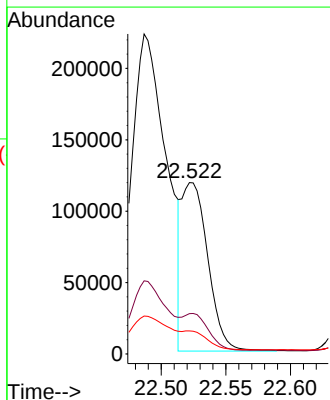
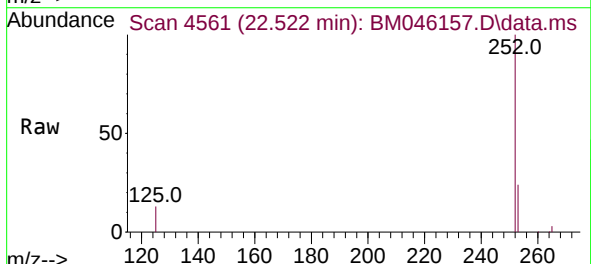
Manual Integrations
APPROVED

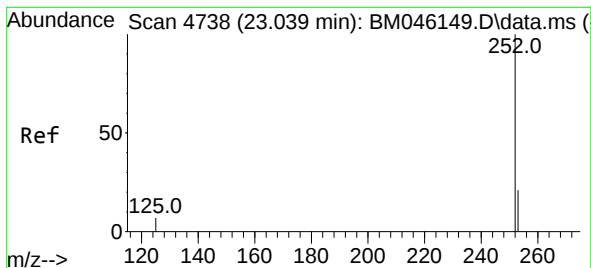
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 4.307 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.041 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

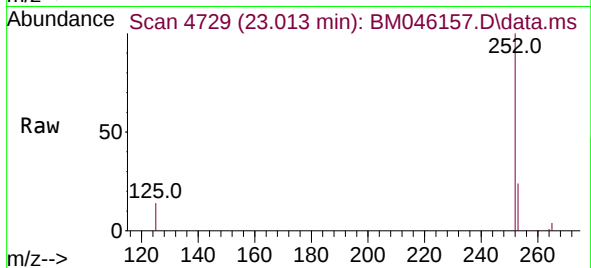
Tgt Ion:252 Resp: 165385
Ion Ratio Lower Upper
252 100
253 23.6 27.2 40.8#
125 13.5 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 5.437 ng/ul
RT: 23.013 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

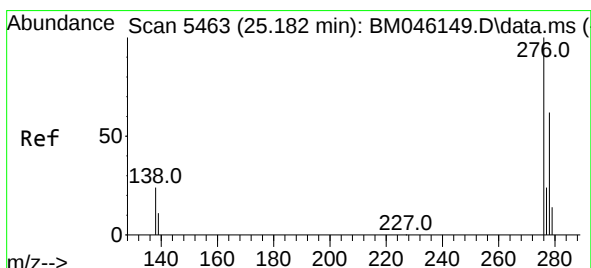
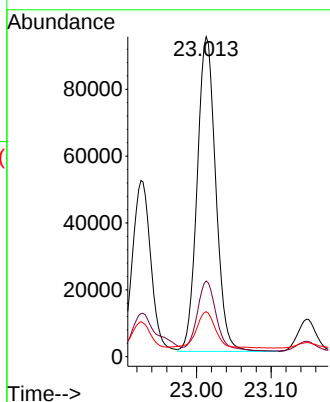
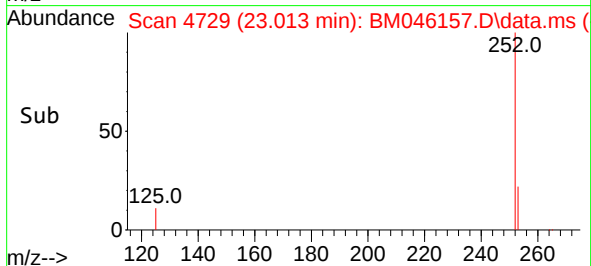
Instrument :
BNA_M
ClientSampleId :
A4BP6MSD



Tgt Ion:252 Resp: 162752
Ion Ratio Lower Upper
252 100
253 23.7 32.1 48.1
125 14.1 21.2 31.8

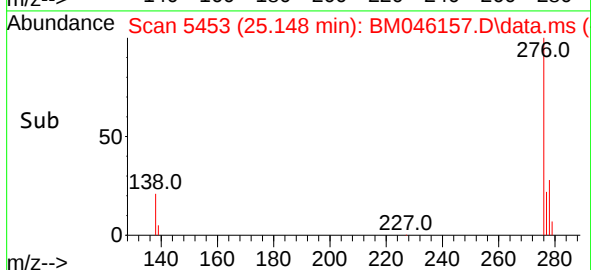
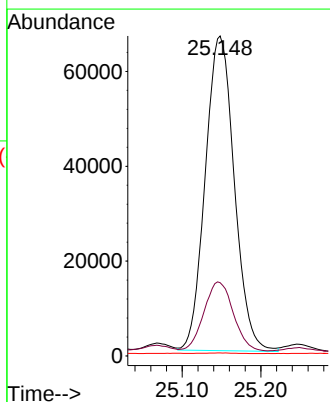
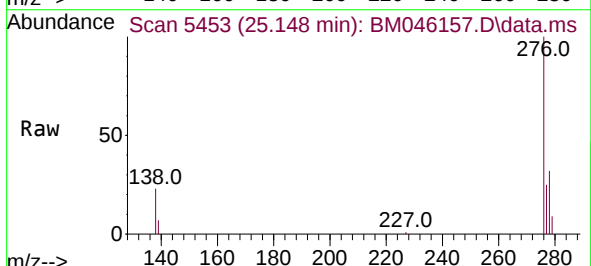
Manual Integrations
APPROVED

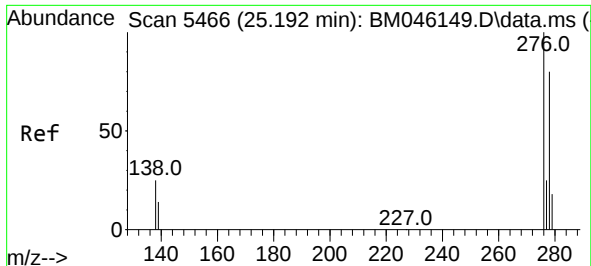
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.473 ng/ul
RT: 25.148 min Scan# 5453
Delta R.T. -0.054 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

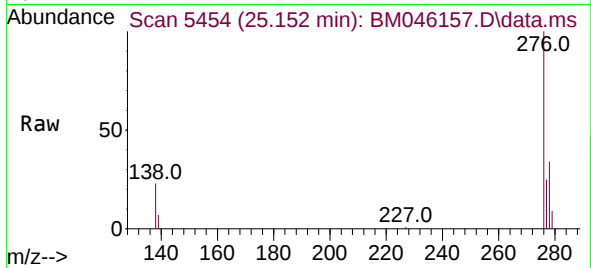
Tgt Ion:276 Resp: 170147
Ion Ratio Lower Upper
276 100
138 22.2 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.700 ng/ul
RT: 25.152 min Scan# 5466
Delta R.T. -0.064 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18

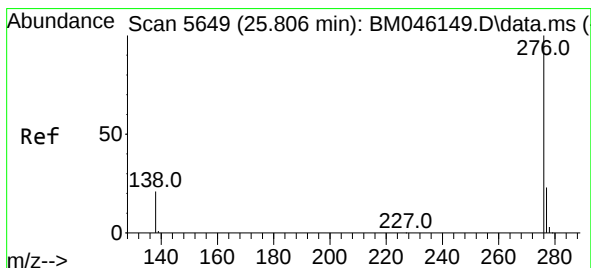
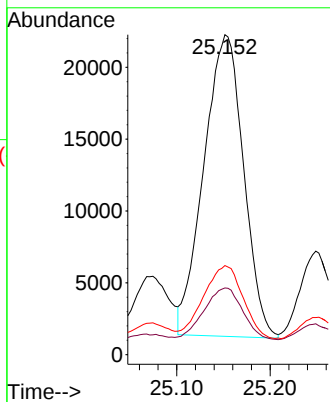
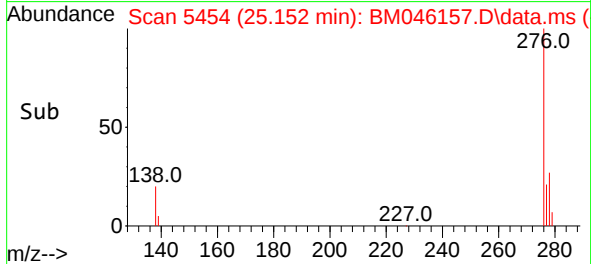
Instrument :
BNA_M
ClientSampleId :
A4BP6MSD



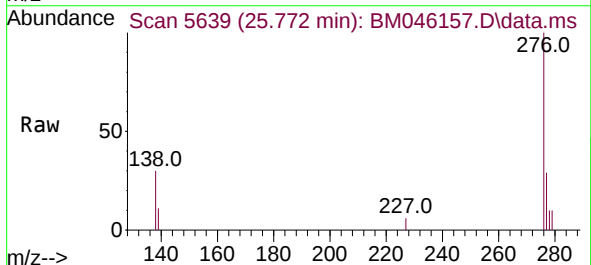
Tgt Ion:278 Resp: 6202
Ion Ratio Lower Upper
278 100
139 20.9 17.6 26.4
279 27.9 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.564 ng/ul
RT: 25.772 min Scan# 5639
Delta R.T. -0.058 min
Lab File: BM046157.D
Acq: 21 Jun 2024 13:18



Tgt Ion:276 Resp: 23686
Ion Ratio Lower Upper
276 100
138 29.6 21.7 32.5
277 29.1 20.4 30.6

