

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035736.D
 Acq On : 28 Jun 2022 22:31
 Operator : CG/JU
 Sample : PB145714BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS714

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 29 04:28:08 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 04:24:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1532m	0.400	ng/ul	0.05
4) Naphthalene-d8	10.617	136	5874	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.432	164	3202m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	5485	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	6034	0.400	ng/ul	# 0.00
23) Perylene-d12	23.695	264	5914	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1772	0.852	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	2979	0.324	ng/ul	0.02
18) Fluoranthene-d10	19.215	212	6063	0.298	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.247	88	4573m	2.224	ng/ul	
5) Naphthalene	10.672	128	5704	0.318	ng/ul	95
7) 2-Methylnaphthalene	12.299	142	3110	0.276	ng/ul	98
8) 1-Methylnaphthalene	12.492	142	3427	0.322	ng/ul	99
10) Acenaphthylene	14.164	152	5485	0.327	ng/ul	97
11) Acenaphthene	14.497	153	3993	0.309	ng/ul	99
12) Fluorene	15.505	166	4370	0.293	ng/ul	96
14) Pentachlorophenol	16.887	266	873	1.008	ng/ul	99
15) Phenanthrene	17.233	178	6502	0.327	ng/ul	96
16) Anthracene	17.343	178	5406	0.327	ng/ul#	95
19) Fluoranthene	19.248	202	8141	0.269	ng/ul	99
20) Pyrene	19.610	202	9511	0.281	ng/ul	100
21) Benzo(a)anthracene	21.363	228	7286	0.349	ng/ul	96
22) Chrysene	21.412	228	9064	0.338	ng/ul	98
24) Benzo(b)fluoranthene	22.991	252	9142	0.361	ng/ul	87
25) Benzo(k)fluoranthene	23.040	252	9180	0.354	ng/ul#	89
26) Benzo(a)pyrene	23.599	252	9628	0.372	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.108	276	11945	0.423	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.122	278	9606	0.430	ng/ul#	86
29) Benzo(g,h,i)perylene	26.843	276	11034	0.424	ng/ul	95

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

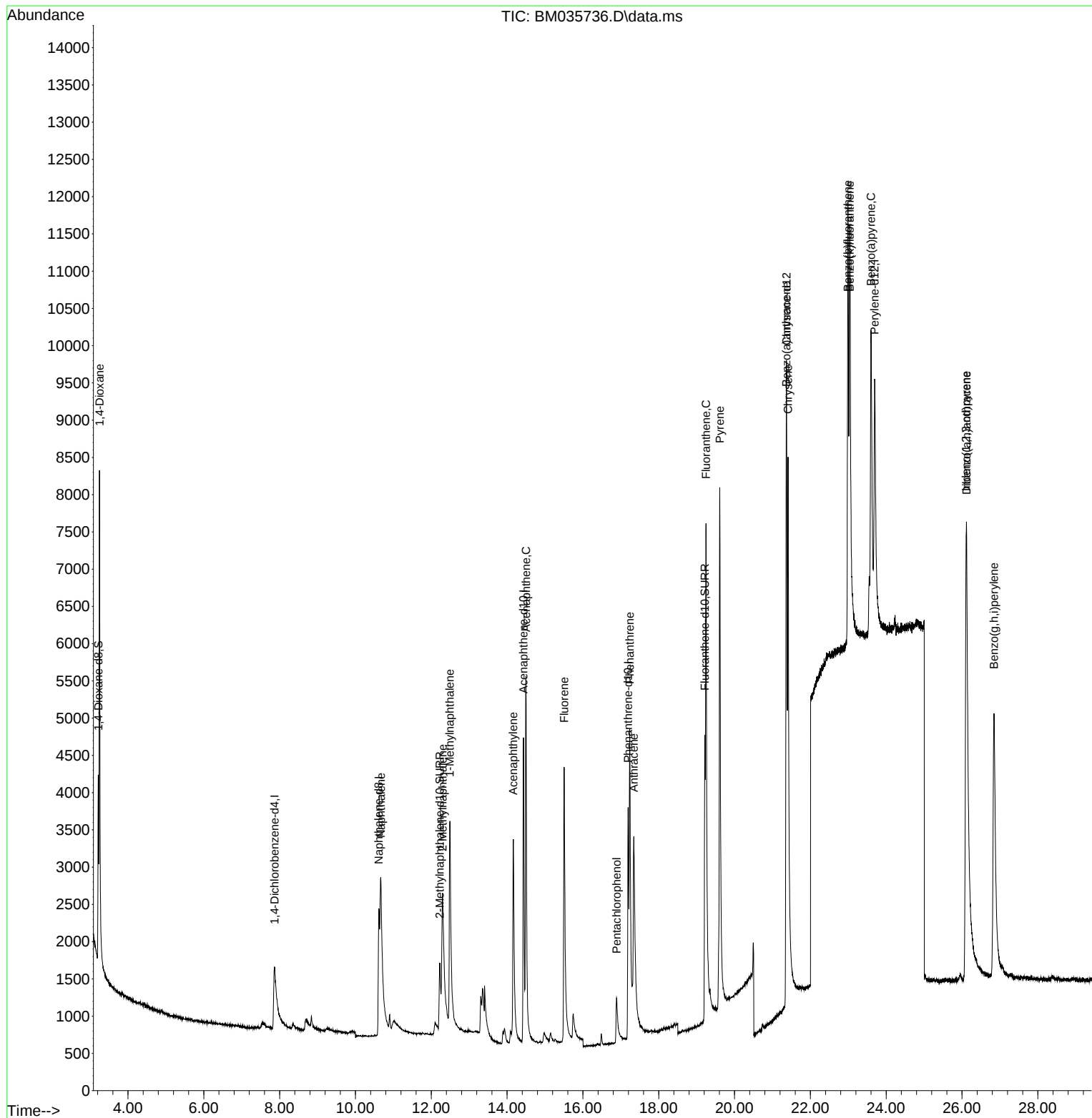
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035736.D
Acq On : 28 Jun 2022 22:31
Operator : CG/JU
Sample : PB145714BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

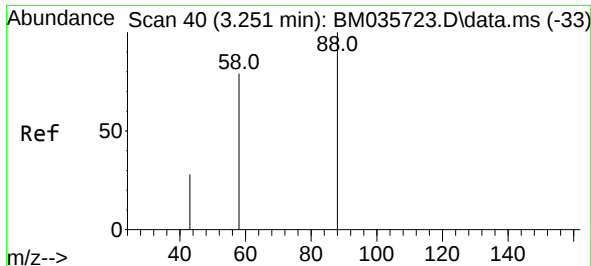
Instrument :
BNA_M
ClientSampleId :
SLCS714

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

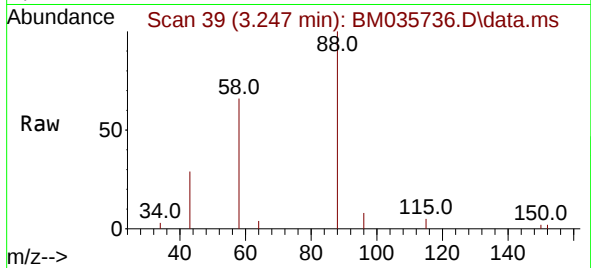
Quant Time: Jun 29 04:28:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 04:24:18 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.224 ng/ul m
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

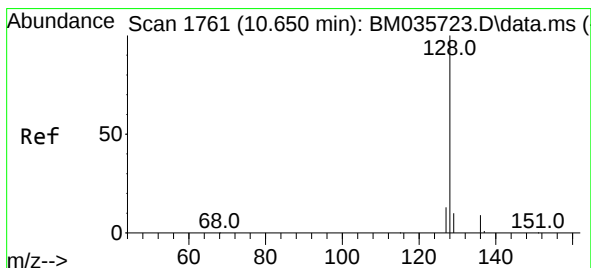
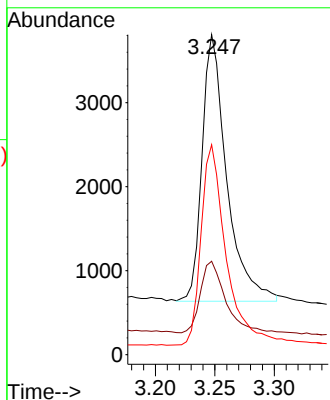
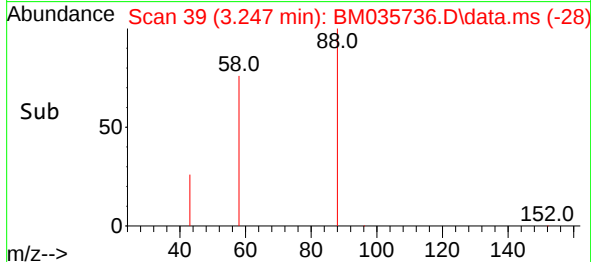
Instrument :
BNA_M
ClientSampleId :
SLCS714



Tgt Ion: 88 Resp: 457
Ion Ratio Lower Upper
88 100
43 29.2 37.8 56.6
58 65.6 42.6 63.8

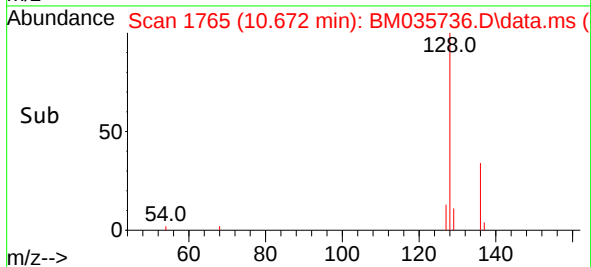
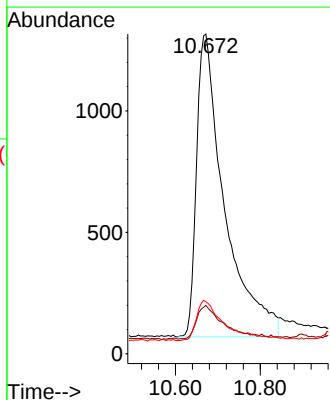
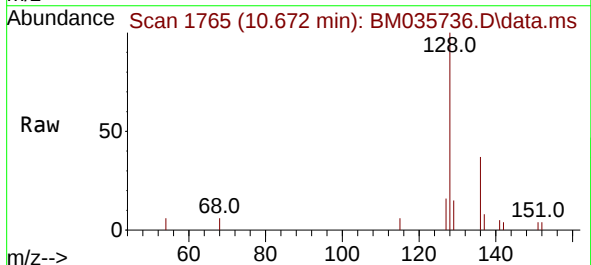
Manual Integrations
APPROVED

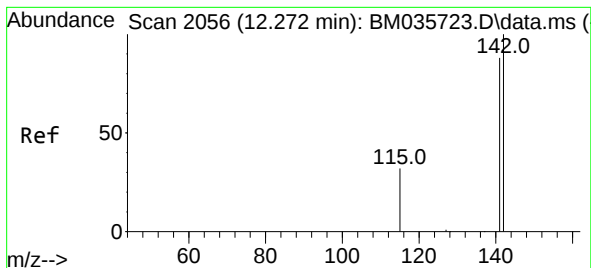
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022



#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. 0.022 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

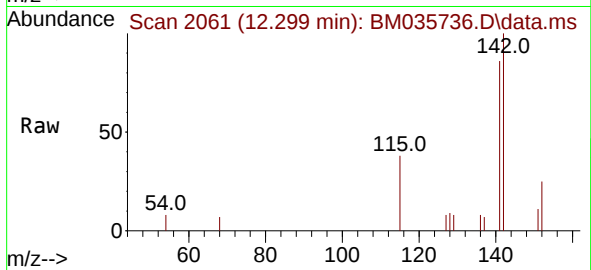
Tgt Ion:128 Resp: 5704
Ion Ratio Lower Upper
128 100
129 15.1 10.2 15.2
127 16.3 11.7 17.5





#7
2-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. 0.028 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

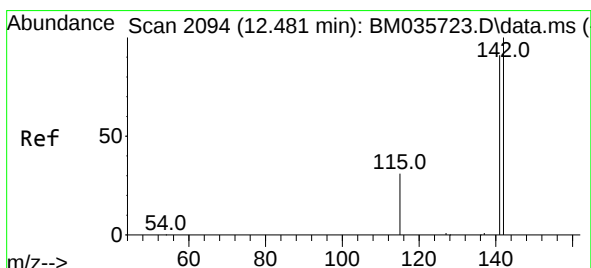
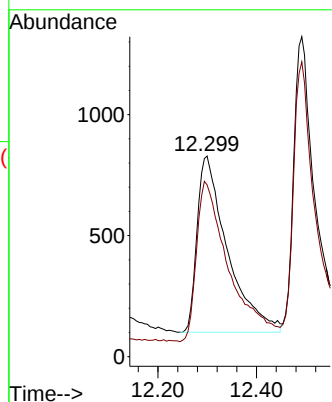
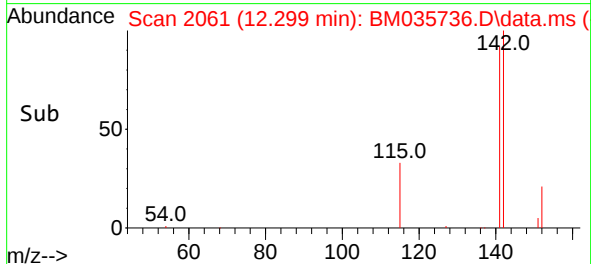
Instrument :
BNA_M
ClientSampleId :
SLCS714



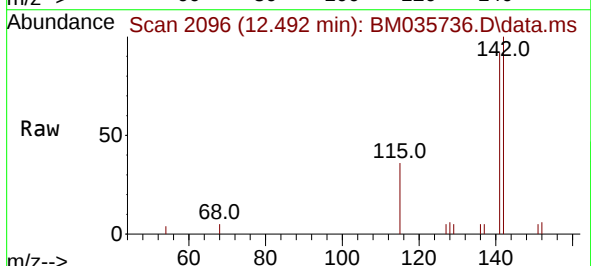
Tgt Ion:142 Resp: 3110
Ion Ratio Lower Upper
142 100
141 98.7 77.4 116.0

Manual Integrations
APPROVED

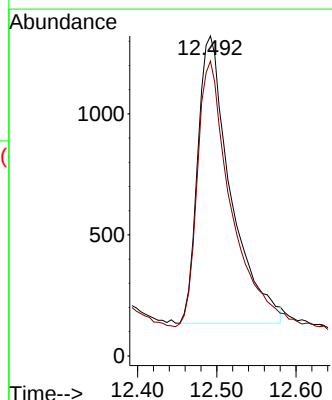
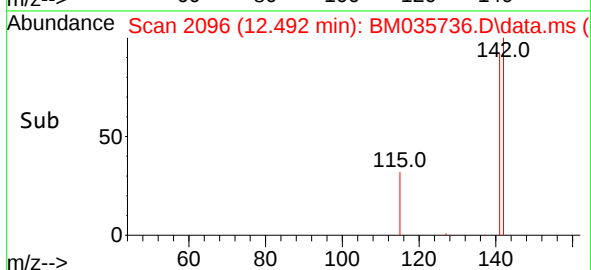
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

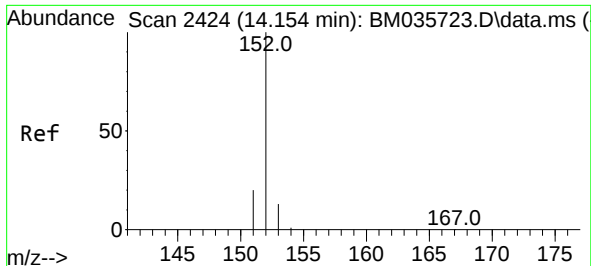


#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.492 min Scan# 2096
Delta R.T. 0.011 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31



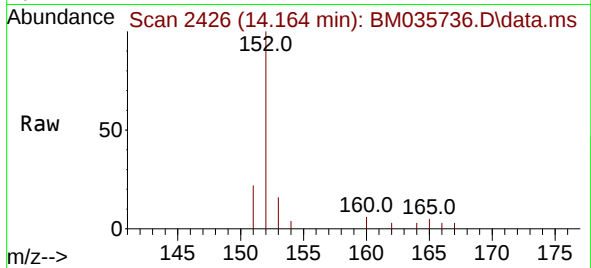
Tgt Ion:142 Resp: 3427
Ion Ratio Lower Upper
142 100
141 93.7 74.1 111.1





#10
Acenaphthylene
Concen: 0.327 ng/u1
RT: 14.164 min Scan# 2426
Delta R.T. 0.009 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

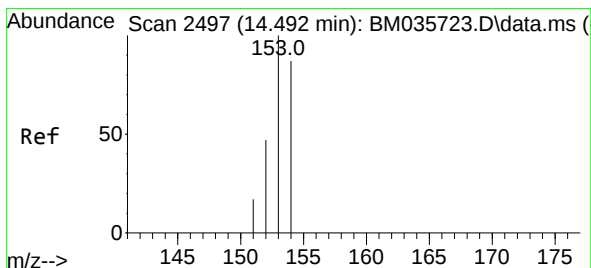
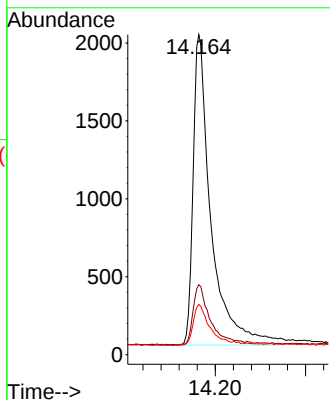
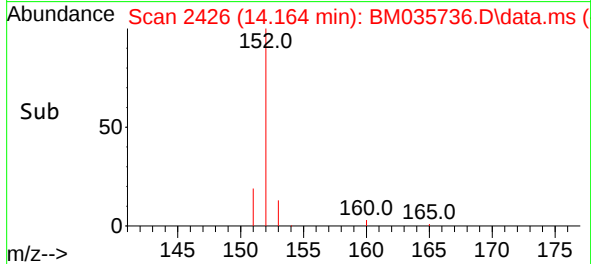
Instrument :
BNA_M
ClientSampleId :
SLCS714



Tgt Ion:152 Resp: 5485
Ion Ratio Lower Upper
152 100
151 21.8 16.6 24.8
153 15.7 11.4 17.0

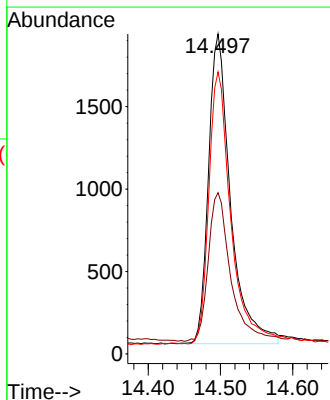
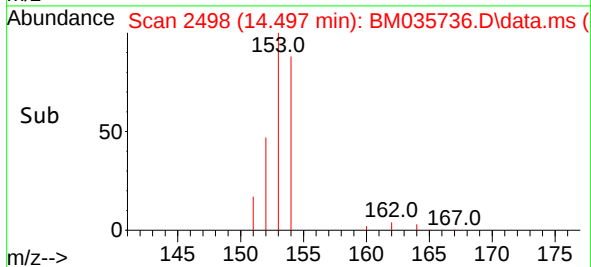
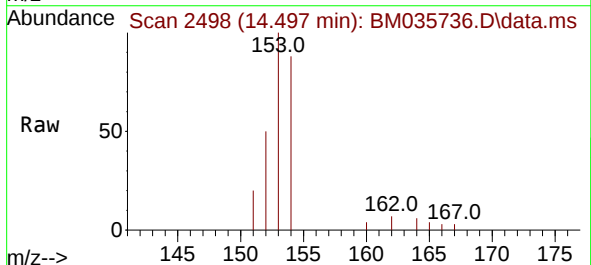
Manual Integrations
APPROVED

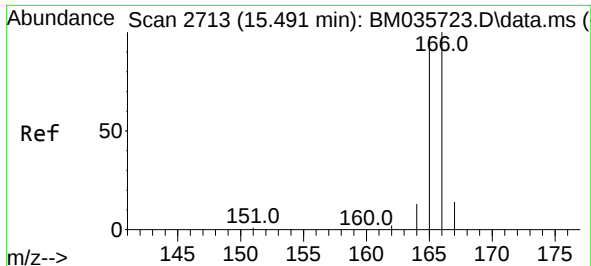
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022



#11
Acenaphthene
Concen: 0.309 ng/u1
RT: 14.497 min Scan# 2498
Delta R.T. 0.005 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

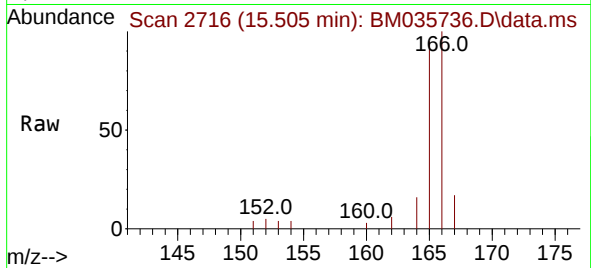
Tgt Ion:153 Resp: 3993
Ion Ratio Lower Upper
153 100
152 50.4 40.2 60.4
154 88.2 69.7 104.5





#12
Fluorene
Concen: 0.293 ng/ul
RT: 15.505 min Scan# 2716
Delta R.T. 0.014 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

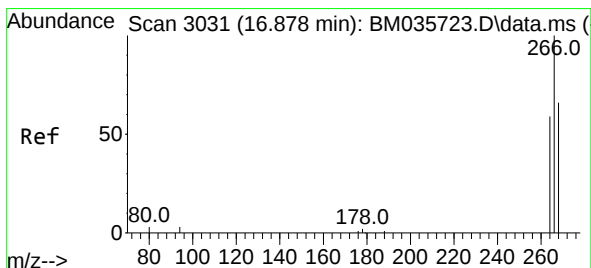
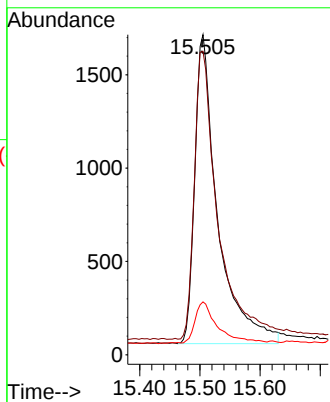
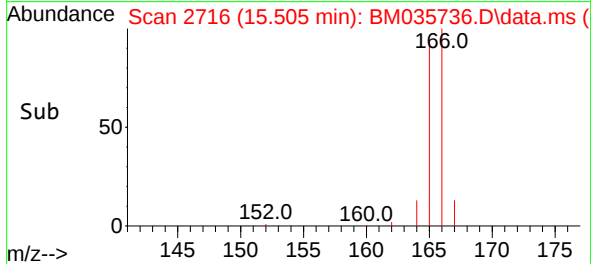
Instrument :
BNA_M
ClientSampleId :
SLCS714



Tgt Ion:166 Resp: 4370
Ion Ratio Lower Upper
166 100
165 94.8 78.9 118.3
167 16.5 11.3 16.9

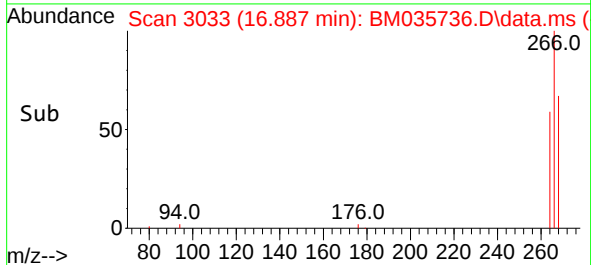
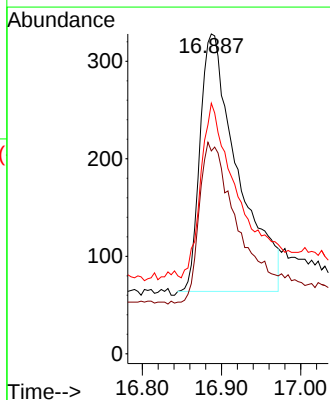
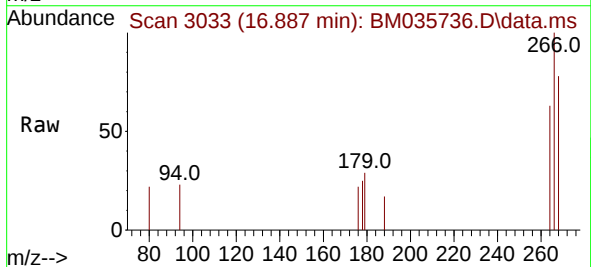
Manual Integrations
APPROVED

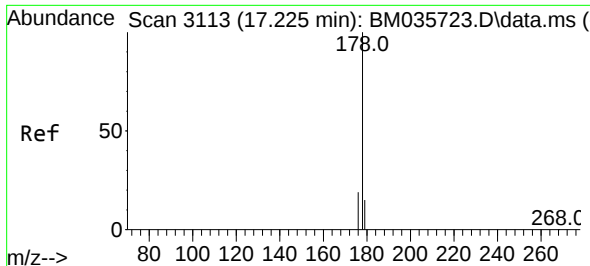
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022



#14
Pentachlorophenol
Concen: 1.008 ng/ul
RT: 16.887 min Scan# 3033
Delta R.T. 0.009 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

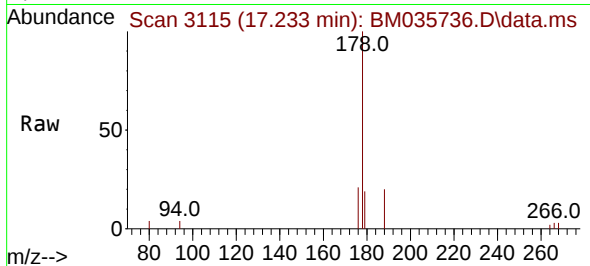
Tgt Ion:266 Resp: 873
Ion Ratio Lower Upper
266 100
264 63.8 50.3 75.5
268 66.8 53.5 80.3





#15
Phenanthrene
Concen: 0.327 ng/u1
RT: 17.233 min Scan# 3115
Delta R.T. 0.009 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

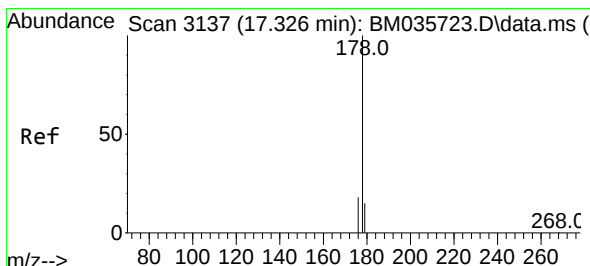
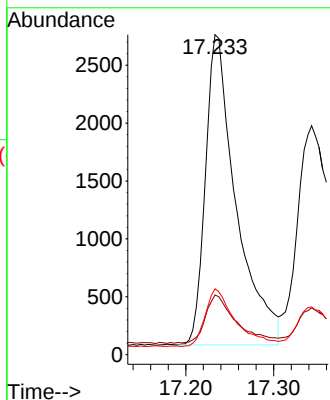
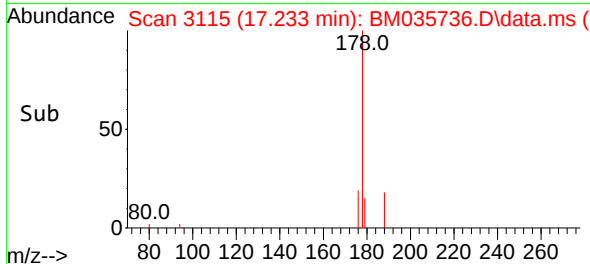
Instrument :
BNA_M
ClientSampleId :
SLCS714



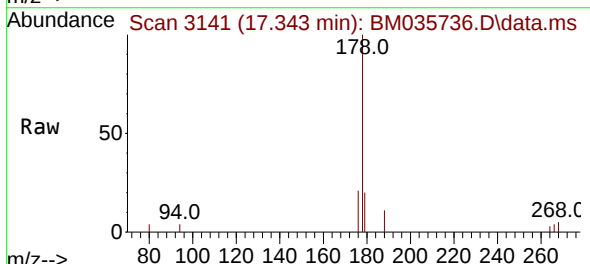
Tgt Ion:178 Resp: 6502
Ion Ratio Lower Upper
178 100
179 18.7 13.0 19.6
176 20.6 15.6 23.4

Manual Integrations
APPROVED

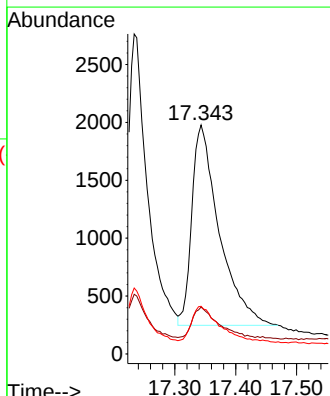
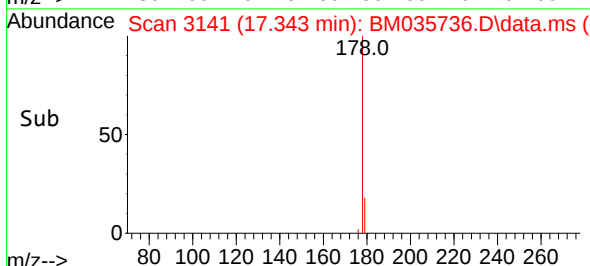
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

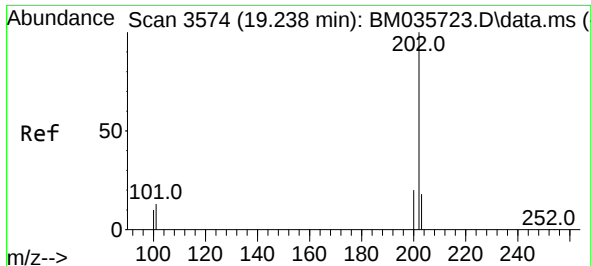


#16
Anthracene
Concen: 0.327 ng/u1
RT: 17.343 min Scan# 3141
Delta R.T. 0.017 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31



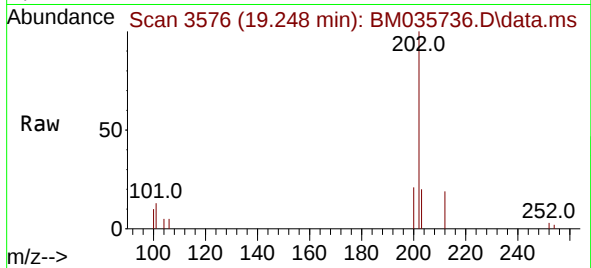
Tgt Ion:178 Resp: 5406
Ion Ratio Lower Upper
178 100
179 20.5 13.6 20.4#
176 20.8 15.6 23.4





#19
Fluoranthene
Concen: 0.269 ng/u1
RT: 19.248 min Scan# 3576
Delta R.T. 0.009 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

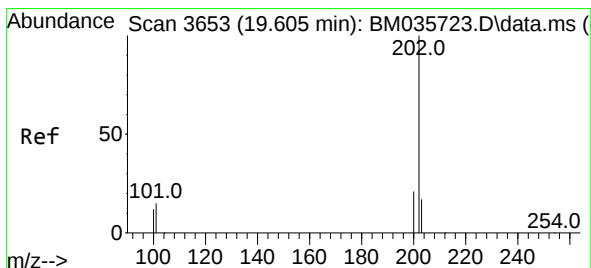
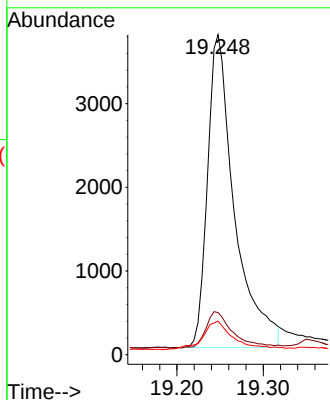
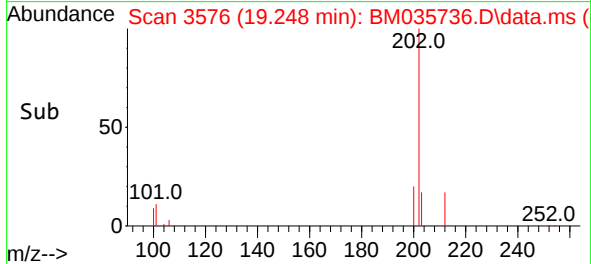
Instrument :
BNA_M
ClientSampleId :
SLCS714



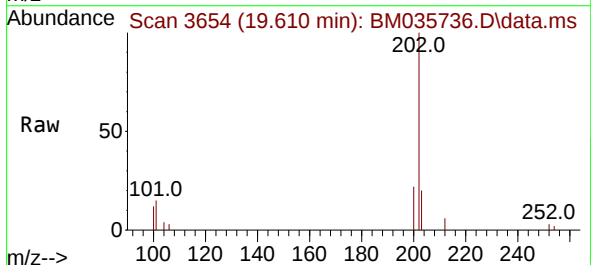
Tgt Ion:202 Resp: 814
Ion Ratio Lower Upper
202 100
101 13.2 10.1 15.1
100 10.5 7.9 11.9

Manual Integrations
APPROVED

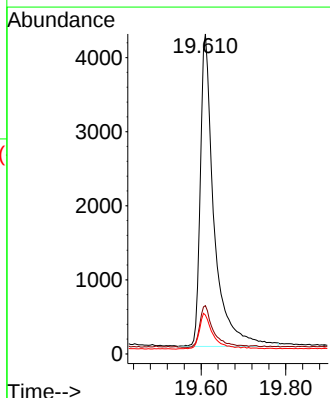
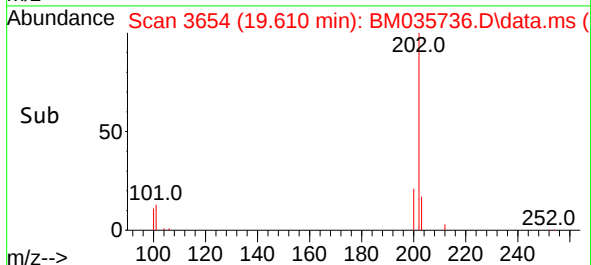
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

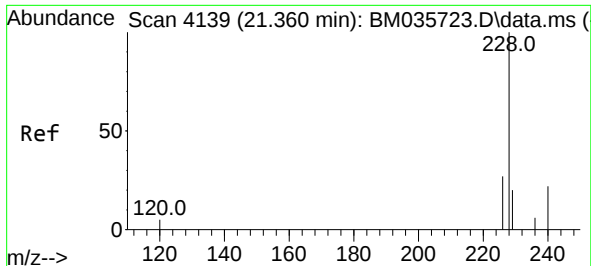


#20
Pyrene
Concen: 0.281 ng/u1
RT: 19.610 min Scan# 3654
Delta R.T. 0.005 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31



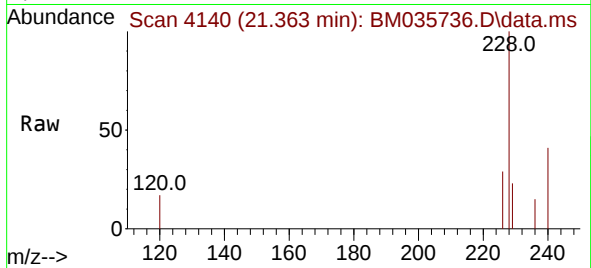
Tgt Ion:202 Resp: 9511
Ion Ratio Lower Upper
202 100
101 15.1 12.0 18.0
100 12.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.349 ng/u1
RT: 21.363 min Scan# 4139
Delta R.T. 0.003 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

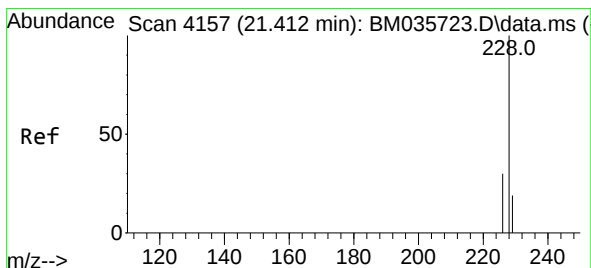
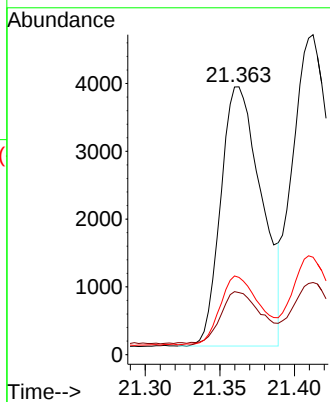
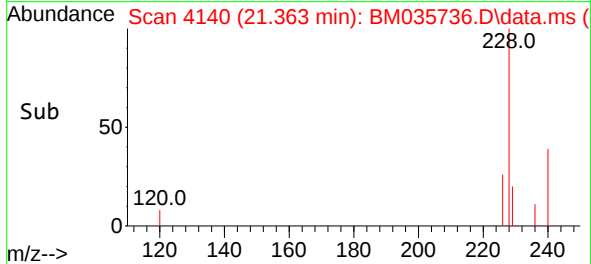
Instrument :
BNA_M
ClientSampleId :
SLCS714



Tgt Ion:228 Resp: 7280
Ion Ratio Lower Upper
228 100
229 23.2 16.2 24.2
226 28.8 22.5 33.7

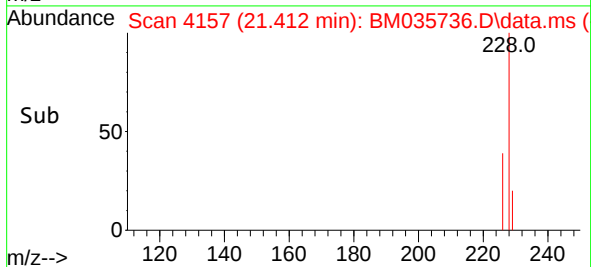
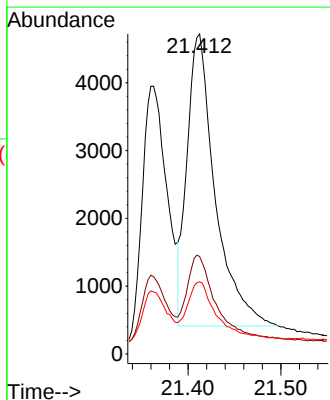
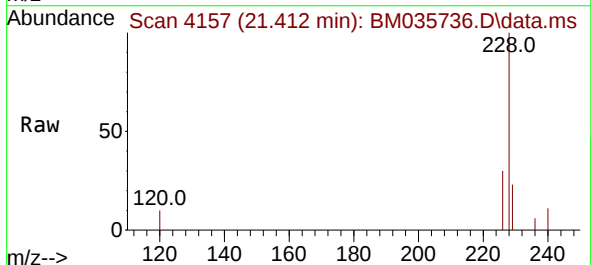
Manual Integrations
APPROVED

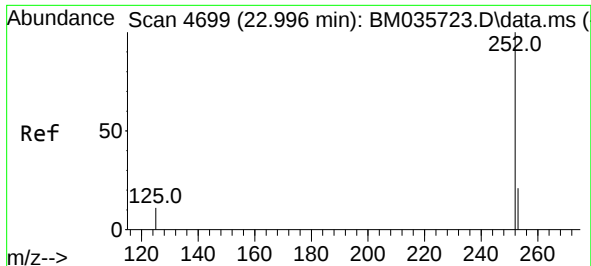
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022



#22
Chrysene
Concen: 0.338 ng/u1
RT: 21.412 min Scan# 4157
Delta R.T. 0.000 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

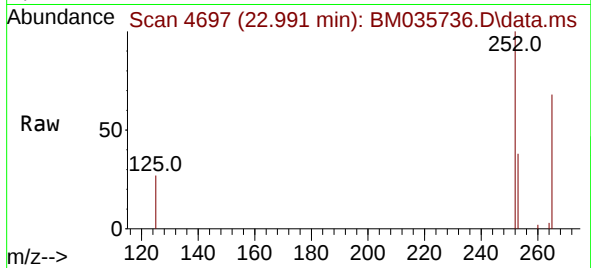
Tgt Ion:228 Resp: 9064
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 22.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.361 ng/ul
RT: 22.991 min Scan# 4697
Delta R.T. -0.006 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

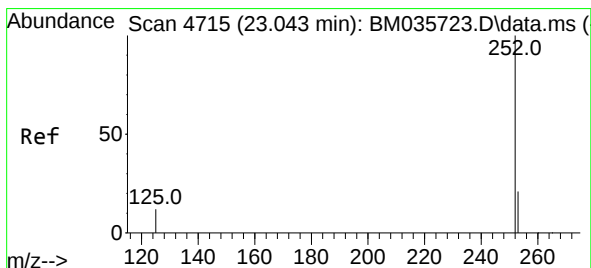
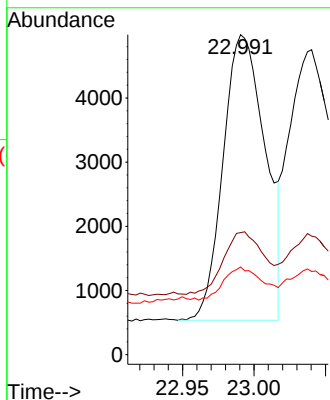
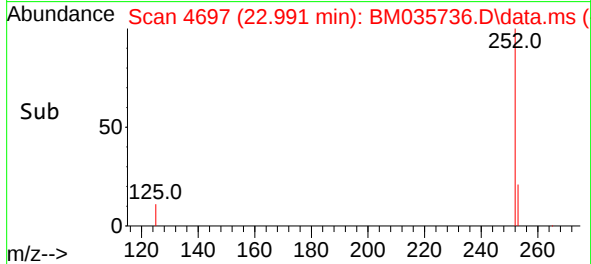
Instrument :
BNA_M
ClientSampleId :
SLCS714



Tgt Ion:252 Resp: 914
Ion Ratio Lower Upper
252 100
253 38.2 0.0 61.4
125 27.4 0.0 42.6

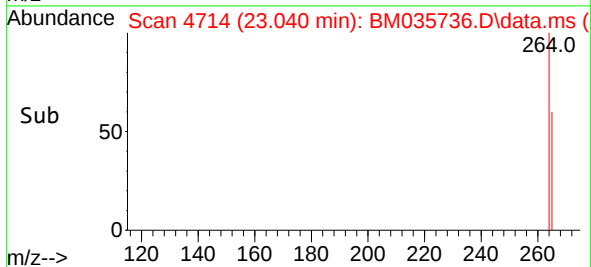
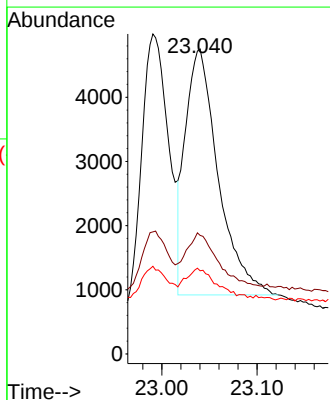
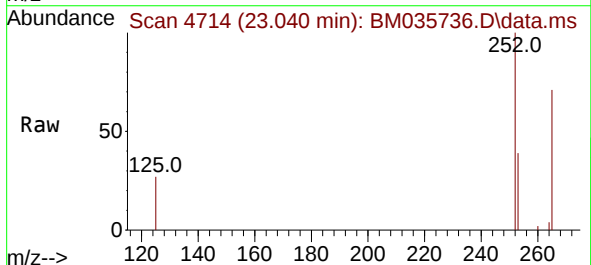
Manual Integrations
APPROVED

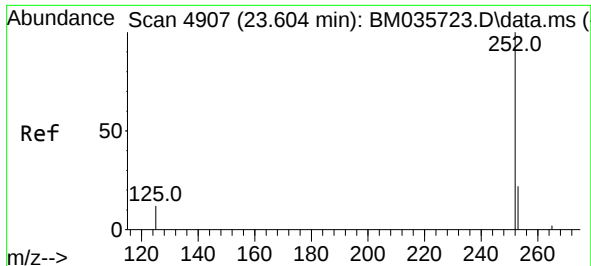
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.040 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

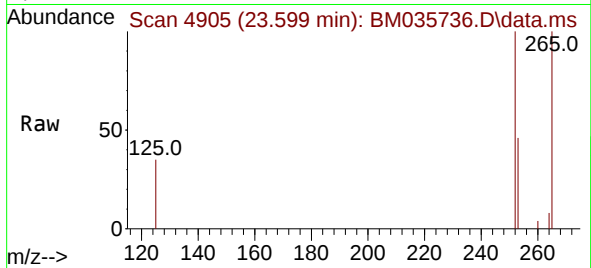
Tgt Ion:252 Resp: 9180
Ion Ratio Lower Upper
252 100
253 38.9 25.2 37.8#
125 27.3 18.3 27.5





#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.599 min Scan# 4905
Delta R.T. -0.006 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

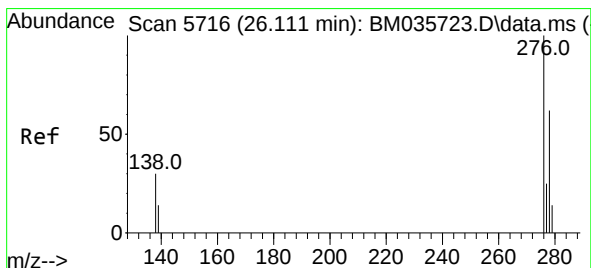
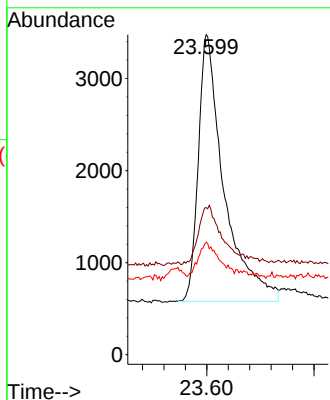
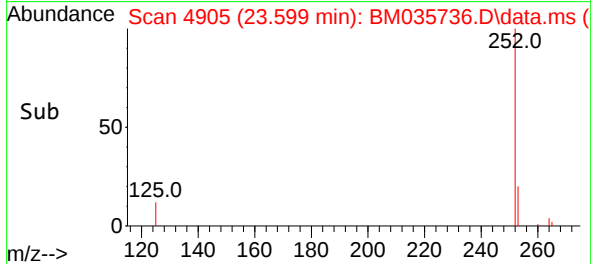
Instrument :
BNA_M
ClientSampleId :
SLCS714



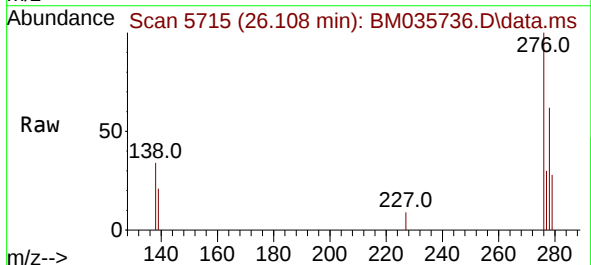
Tgt Ion:252 Resp: 9628
Ion Ratio Lower Upper
252 100
253 46.0 29.7 44.5
125 35.1 23.6 35.4

Manual Integrations
APPROVED

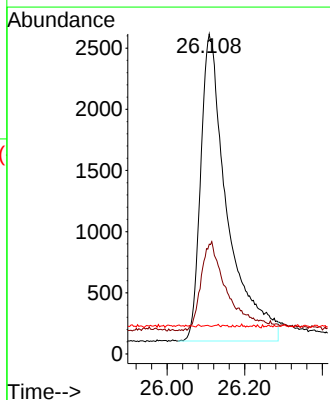
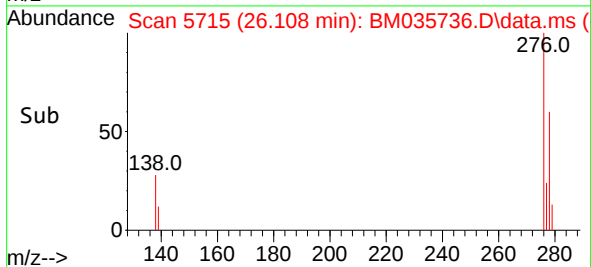
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

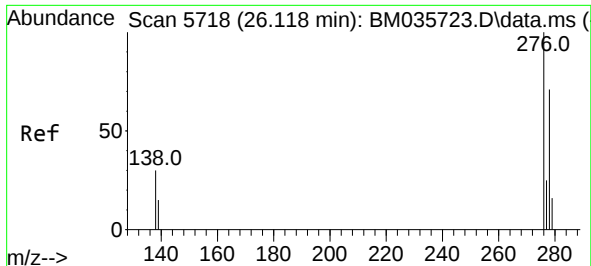


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/ul
RT: 26.108 min Scan# 5715
Delta R.T. -0.003 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31



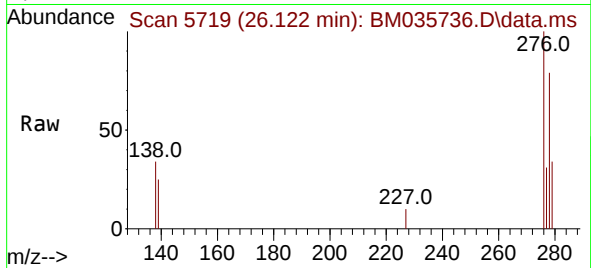
Tgt Ion:276 Resp: 11945
Ion Ratio Lower Upper
276 100
138 29.2 23.9 35.9
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.430 ng/ul
RT: 26.122 min Scan# 5719
Delta R.T. 0.004 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

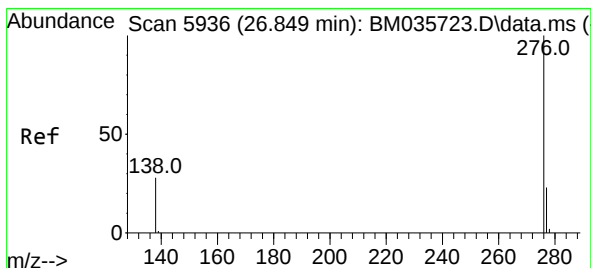
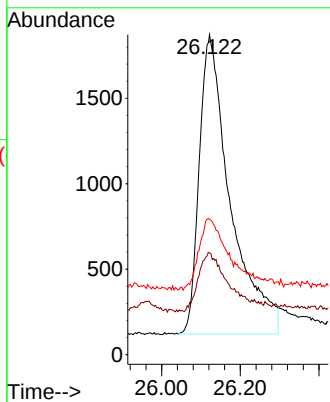
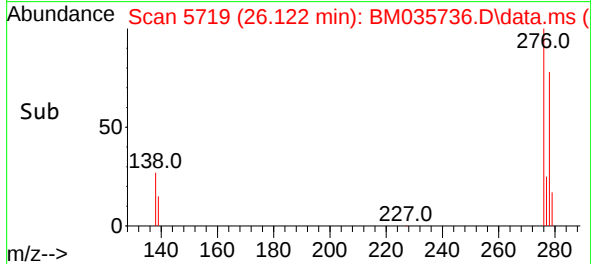
Instrument :
BNA_M
ClientSampleId :
SLCS714



Tgt Ion:278 Resp: 9600
Ion Ratio Lower Upper
278 100
139 31.8 19.8 29.6
279 42.4 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022



#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 26.843 min Scan# 5934
Delta R.T. -0.007 min
Lab File: BM035736.D
Acq: 28 Jun 2022 22:31

Tgt Ion:276 Resp: 11034
Ion Ratio Lower Upper
276 100
138 30.7 23.4 35.0
277 29.9 21.0 31.4

