

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
 Data File : BM037205.D
 Acq On : 24 Oct 2022 16:03
 Operator : CG/JU
 Sample : N5064-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BL6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 02:30:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	5843	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	17944	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	11207	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	22878	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	19681	0.400	ng/ul	0.00
23) Perylene-d12	23.823	264	18667	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	26159	3.672	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7016	0.275	ng/ul	0.00
18) Fluoranthene-d10	19.298	212	16387	0.275	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.748	128	250050	4.705	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	216002	6.787	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	175736	5.410	ng/ul	99
10) Acenaphthylene	14.251	152	166341	3.455	ng/ul	98
11) Acenaphthene	14.593	153	18451	0.424	ng/ul	99
12) Fluorene	15.579	166	42888	0.843	ng/ul#	98
14) Pentachlorophenol	16.925	266	220	0.040	ng/ul	90
15) Phenanthrene	17.313	178	2308217	29.887	ng/ul	99
16) Anthracene	17.406	178	197001	3.220	ng/ul	99
19) Fluoranthene	19.326	202	3182168	37.219	ng/ul	98
20) Pyrene	19.693	202	2616157	30.183	ng/ul	98
21) Benzo(a)anthracene	21.433	228	1086295	14.223	ng/ul	97
22) Chrysene	21.485	228	1360489	15.481	ng/ul	98
24) Benzo(b)fluoranthene	23.104	252	1535312	15.527	ng/ul	92
25) Benzo(k)fluoranthene	23.145	252	559596m	5.856	ng/ul	
26) Benzo(a)pyrene	23.718	252	893185	11.250	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.279	276	681402	6.145	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.286	278	179266	2.049	ng/ul	98
29) Benzo(g,h,i)perylene	27.040	276	582191	5.969	ng/ul	96

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

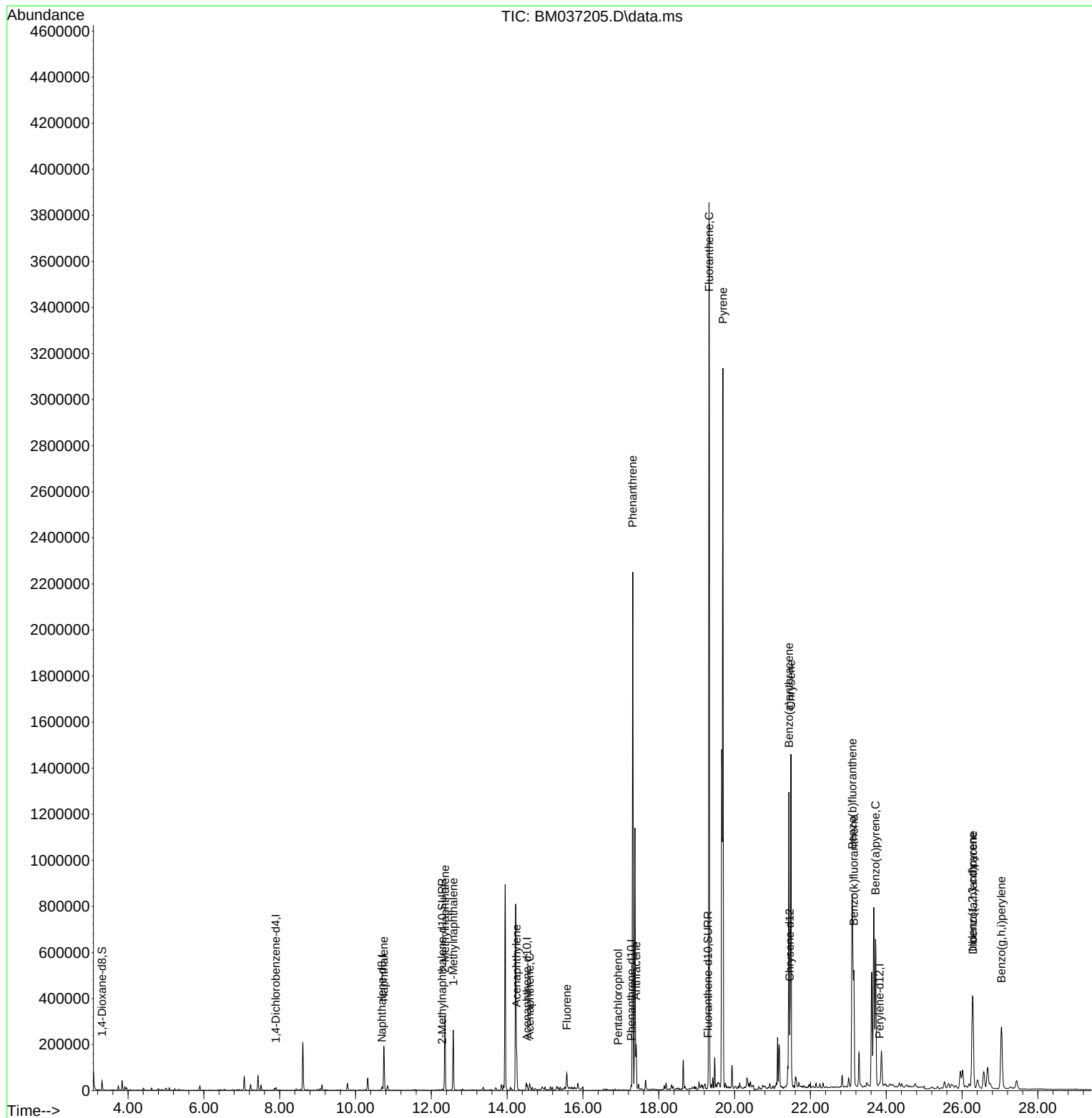
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
Data File : BM037205.D
Acq On : 24 Oct 2022 16:03
Operator : CG/JU
Sample : N5064-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

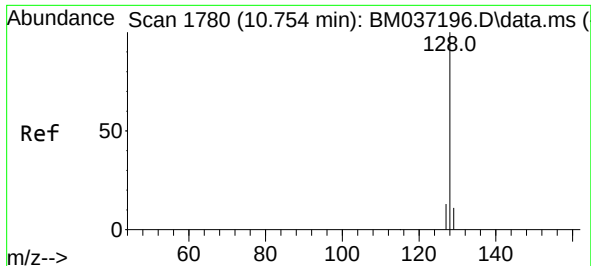
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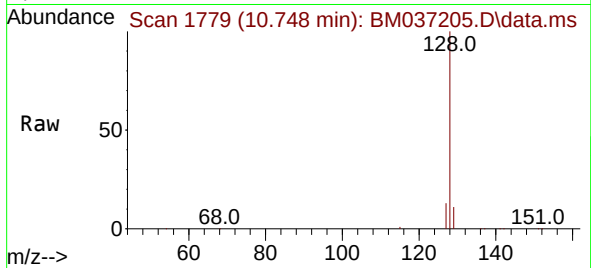
Quant Time: Oct 25 02:30:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 4.705 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03

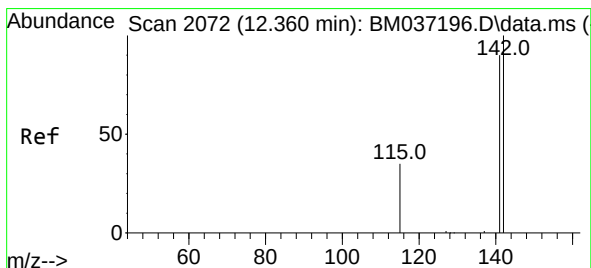
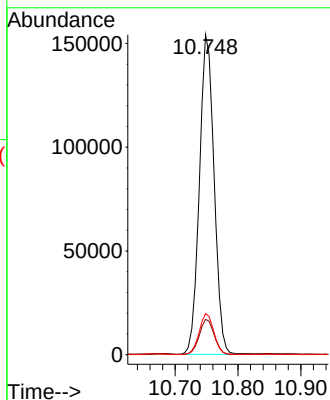
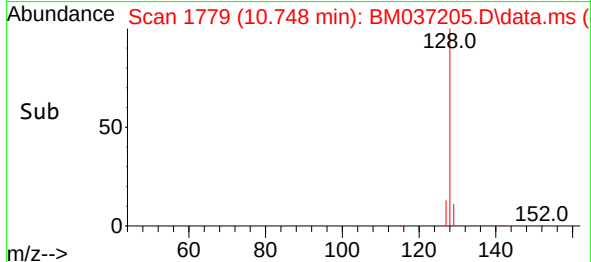
Instrument :
BNA_M
ClientSampleId :
C0BL6



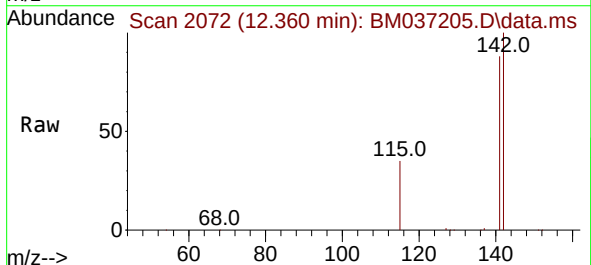
Tgt Ion:128 Resp: 250050
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 12.9 10.5 15.7

Manual Integrations
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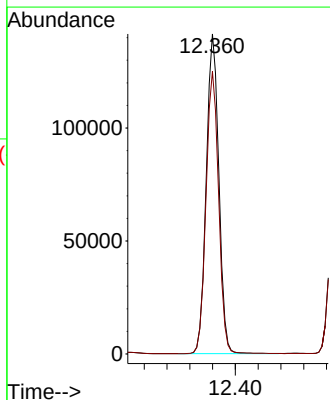
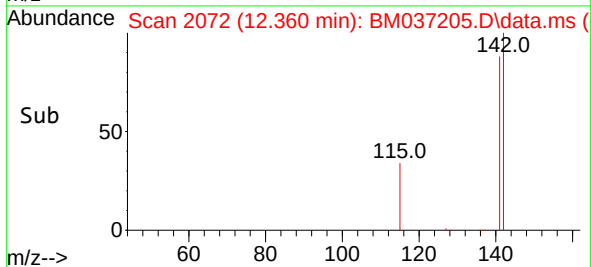
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

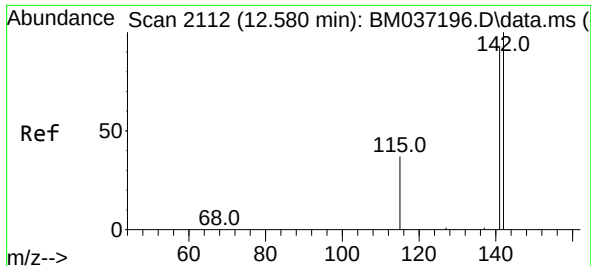


#7
2-Methylnaphthalene
Concen: 6.787 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03



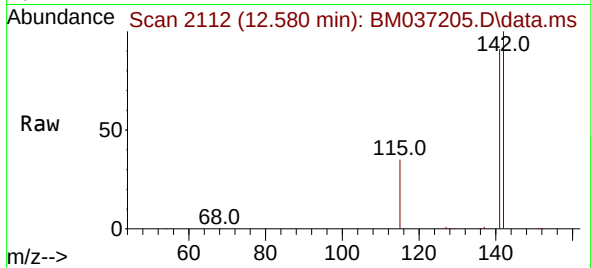
Tgt Ion:142 Resp: 216002
Ion Ratio Lower Upper
142 100
141 88.7 72.8 109.2





#8
1-Methylnaphthalene
Concen: 5.410 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03

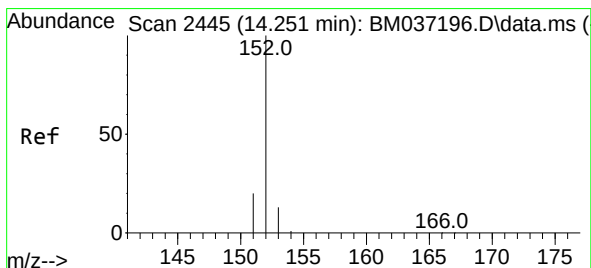
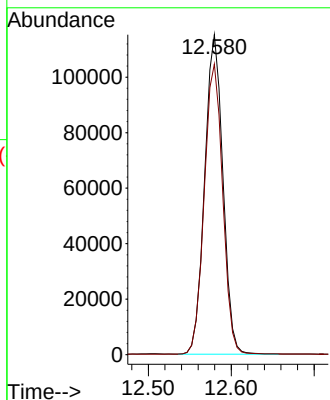
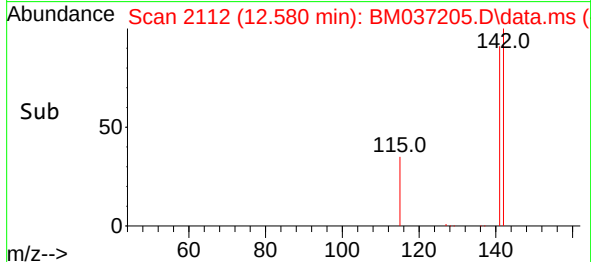
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 175730
Ion Ratio Lower Upper
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141 91.8 74.2 111.4

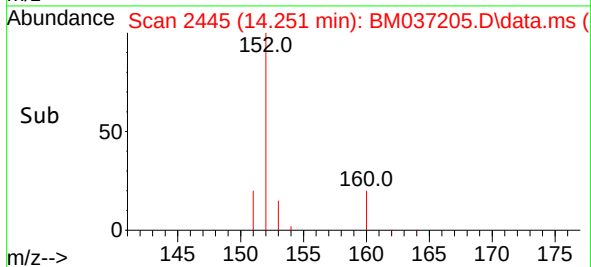
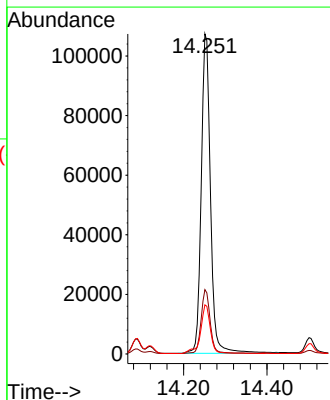
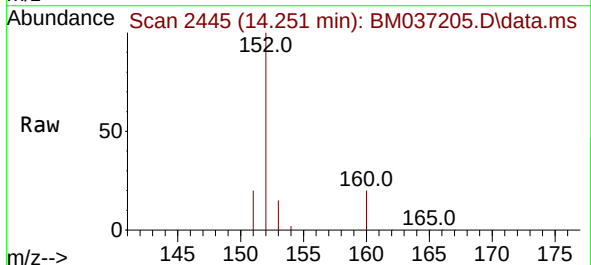
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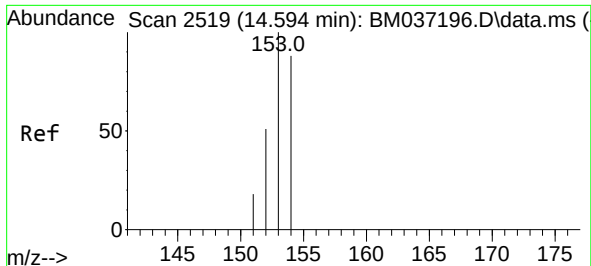
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 3.455 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03

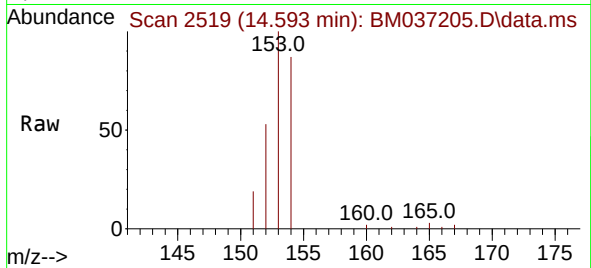
Tgt Ion:152 Resp: 166341
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 15.4 10.8 16.2





#11
Acenaphthene
Concen: 0.424 ng/ul
RT: 14.593 min Scan# 2519
Delta R.T. -0.001 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03

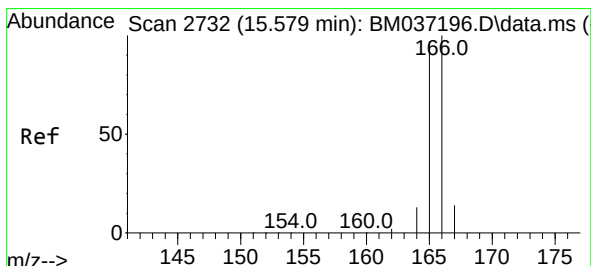
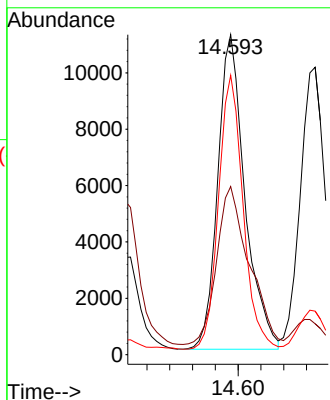
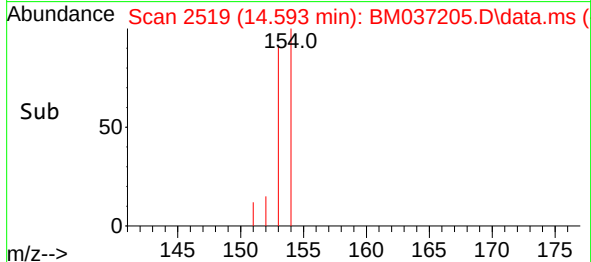
Instrument :
BNA_M
ClientSampleId :
C0BL6



Tgt Ion:153 Resp: 1845
Ion Ratio Lower Upper
153 100
152 52.6 43.3 64.9
154 87.3 70.0 105.0

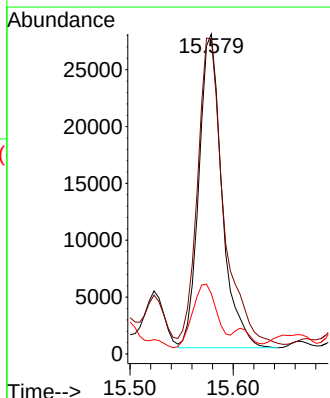
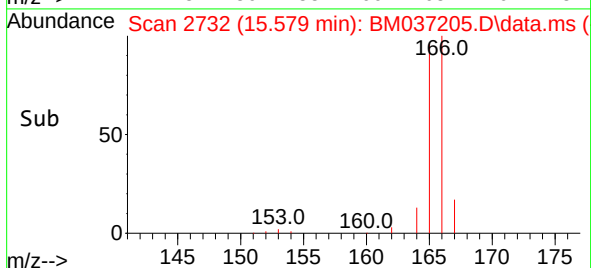
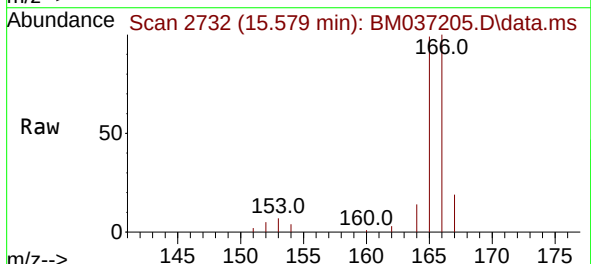
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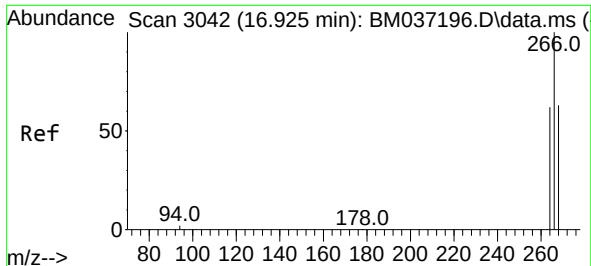
Reviewed By :Jagrut Upadhyay 10/25/2022
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#12
Fluorene
Concen: 0.843 ng/ul
RT: 15.579 min Scan# 2732
Delta R.T. -0.001 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03

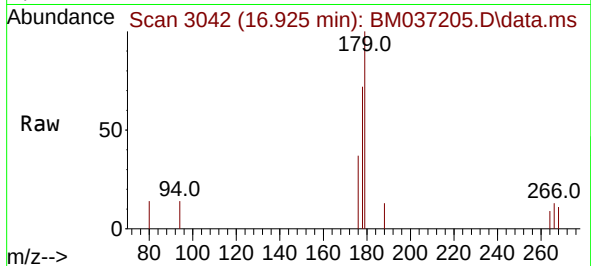
Tgt Ion:166 Resp: 42888
Ion Ratio Lower Upper
166 100
165 98.5 79.4 119.2
167 18.9 11.3 16.9#





#14
Pentachlorophenol
Concen: 0.040 ng/uI
RT: 16.925 min Scan# 3042
Delta R.T. -0.001 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03

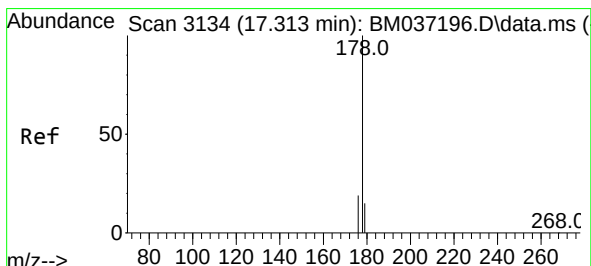
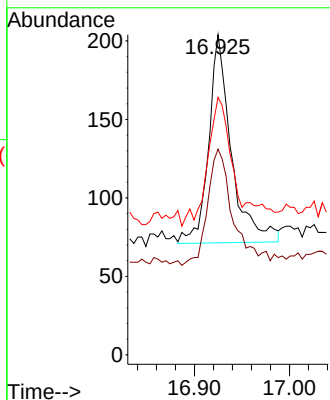
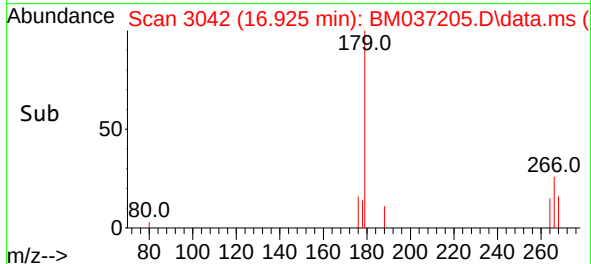
Instrument :
BNA_M
ClientSampleId :
C0BL6



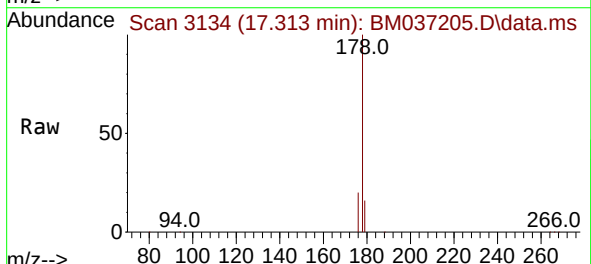
Tgt Ion:266 Resp: 220
Ion Ratio Lower Upper
266 100
264 65.5 49.4 74.0
268 74.5 50.5 75.7

Manual Integrations
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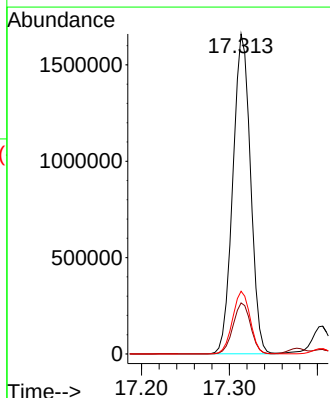
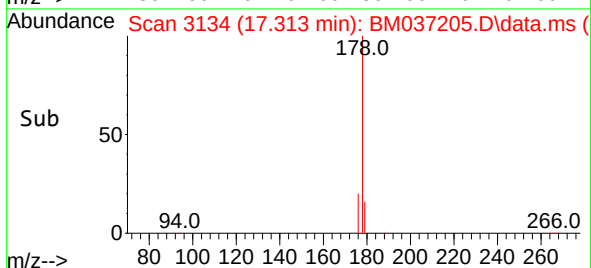
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

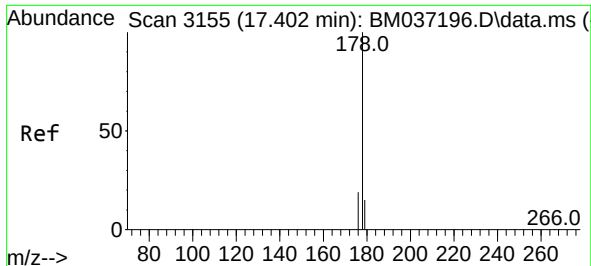


#15
Phenanthrene
Concen: 29.887 ng/uI
RT: 17.313 min Scan# 3134
Delta R.T. -0.001 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03



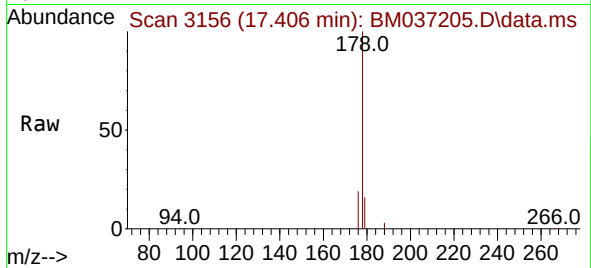
Tgt Ion:178 Resp: 2308217
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.6 16.1 24.1





#16
 Anthracene
 Concen: 3.220 ng/ul
 RT: 17.406 min Scan# 3155
 Delta R.T. 0.003 min
 Lab File: BM037205.D
 Acq: 24 Oct 2022 16:03

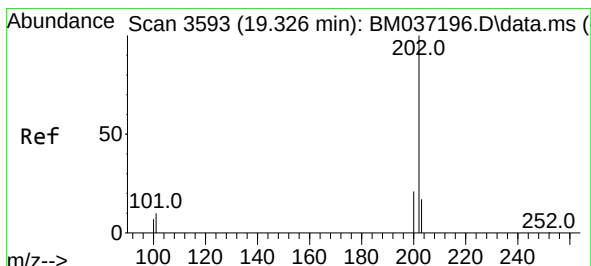
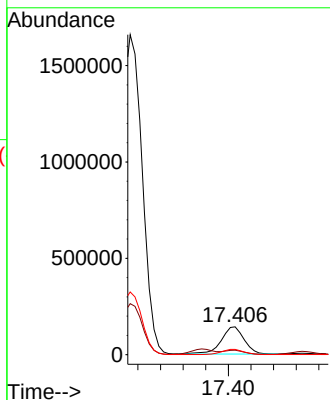
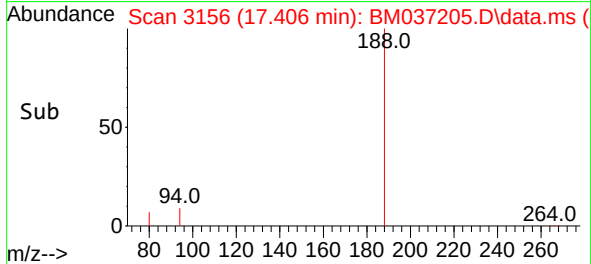
Instrument :
 BNA_M
 ClientSampleId :
 C0BL6



Tgt Ion:178 Resp: 197000
 Ion Ratio Lower Upper
 178 100
 179 16.0 13.1 19.7
 176 18.8 15.3 22.9

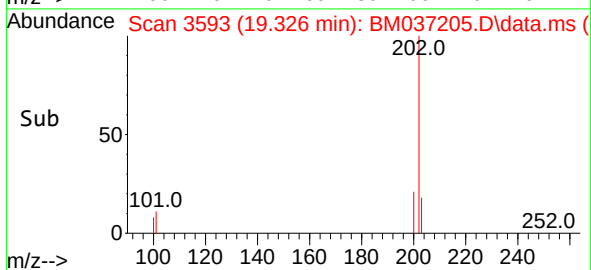
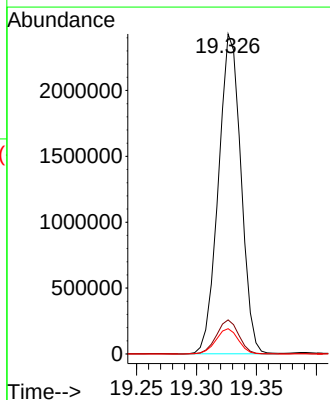
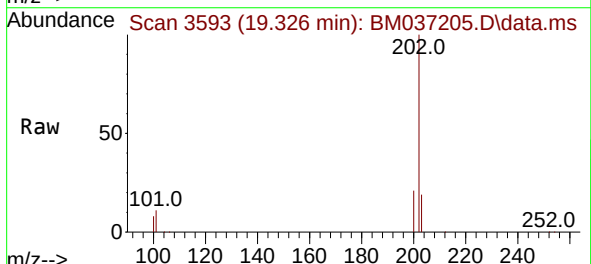
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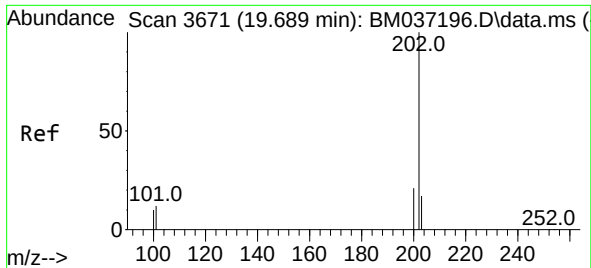
Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022



#19
 Fluoranthene
 Concen: 37.219 ng/ul
 RT: 19.326 min Scan# 3593
 Delta R.T. -0.001 min
 Lab File: BM037205.D
 Acq: 24 Oct 2022 16:03

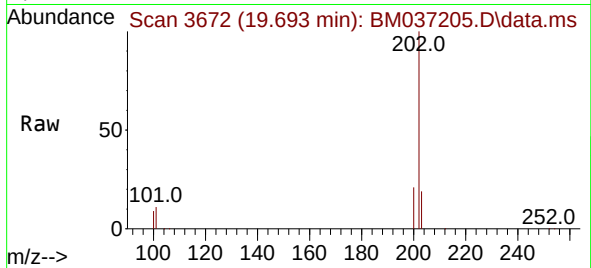
Tgt Ion:202 Resp: 3182168
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.9 13.3
 100 7.9 6.9 10.3





#20
Pyrene
Concen: 30.183 ng/u1
RT: 19.693 min Scan# 30
Delta R.T. 0.008 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03

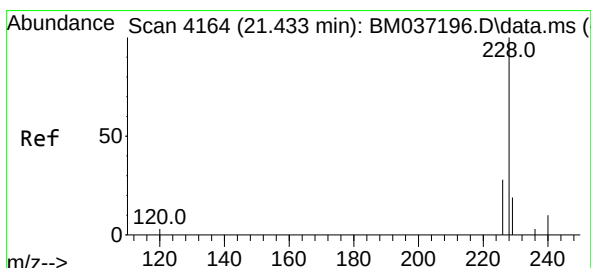
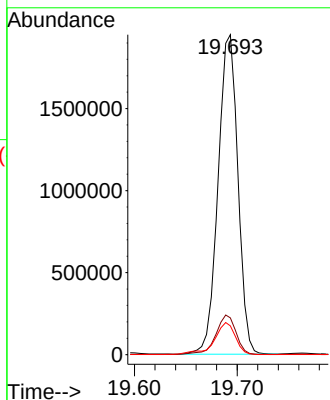
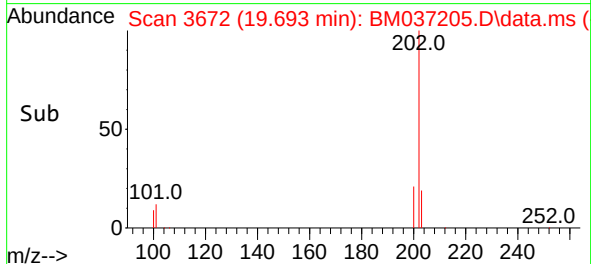
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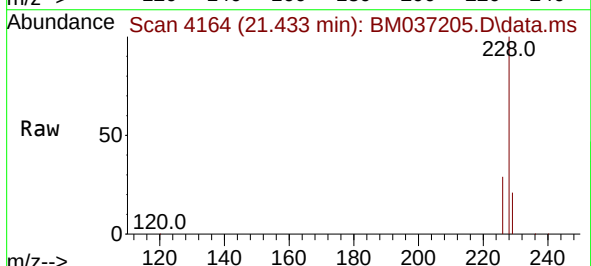
Tgt Ion:202 Resp: 261615
Ion Ratio Lower Upper
202 100
101 11.5 9.7 14.5
100 9.0 7.8 11.8

Manual Integrations
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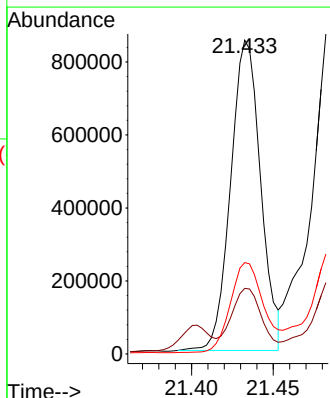
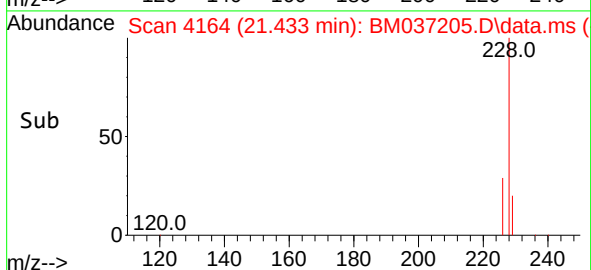
Reviewed By :Jagrut Upadhyay 10/25/2022
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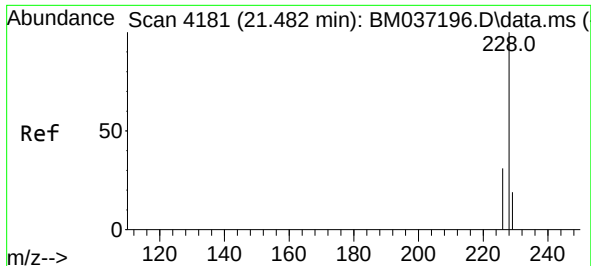


#21
Benzo(a)anthracene
Concen: 14.223 ng/u1
RT: 21.433 min Scan# 4164
Delta R.T. 0.001 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03



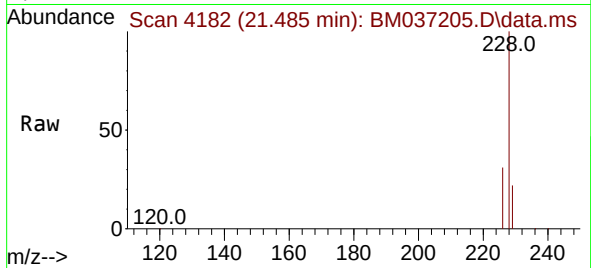
Tgt Ion:228 Resp: 1086295
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 29.1 21.8 32.8





#22
Chrysene
Concen: 15.481 ng/u1
RT: 21.485 min Scan# 4181
Delta R.T. 0.001 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03

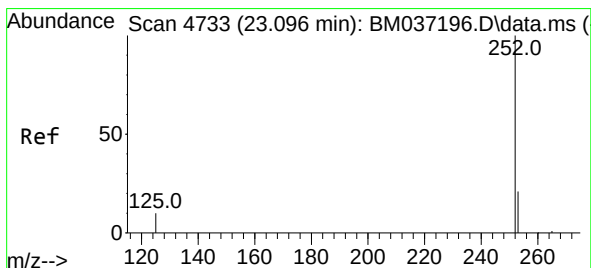
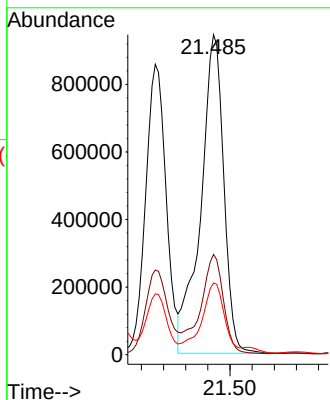
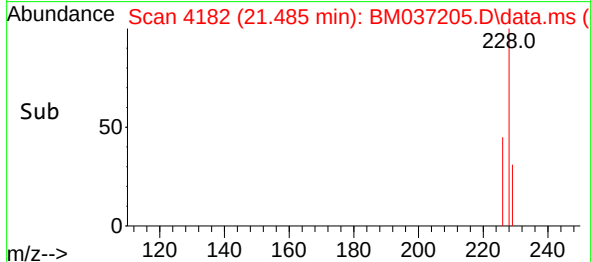
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 1360489
Ion Ratio Lower Upper
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226 31.4 24.8 37.2
229 22.4 16.0 24.0

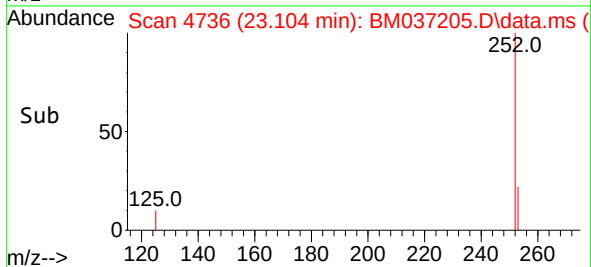
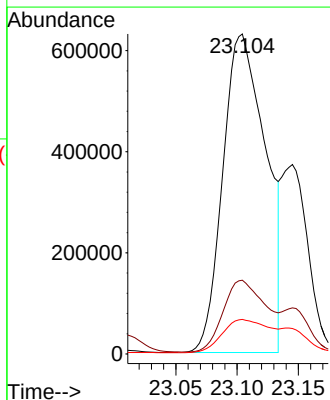
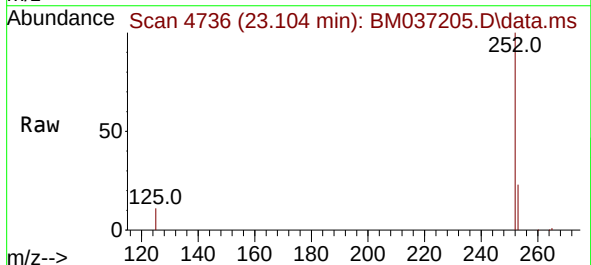
Manual Integrations
APPROVED

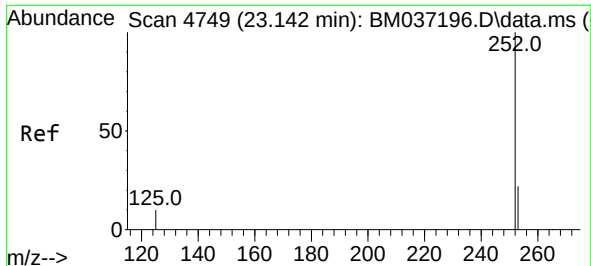
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#24
Benzo(b)fluoranthene
Concen: 15.527 ng/u1
RT: 23.104 min Scan# 4736
Delta R.T. 0.010 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03

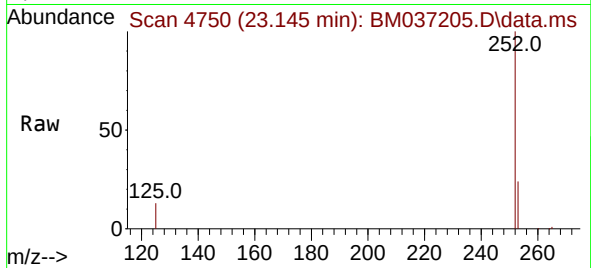
Tgt Ion:252 Resp: 1535312
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.6
125 10.8 0.0 32.6





#25
Benzo(k)fluoranthene
Concen: 5.856 ng/ul m
RT: 23.145 min Scan# 4749
Delta R.T. 0.001 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03

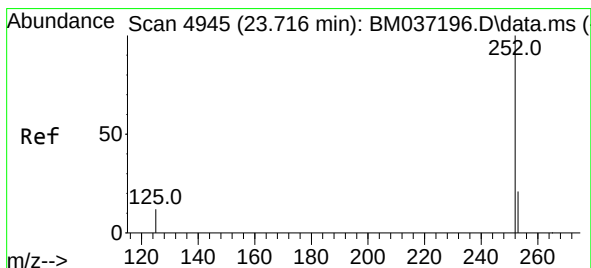
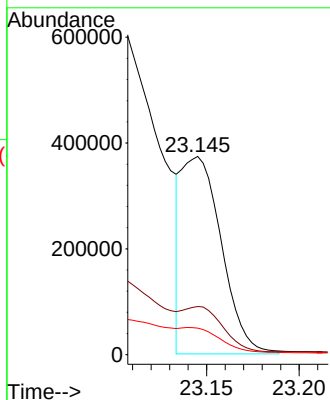
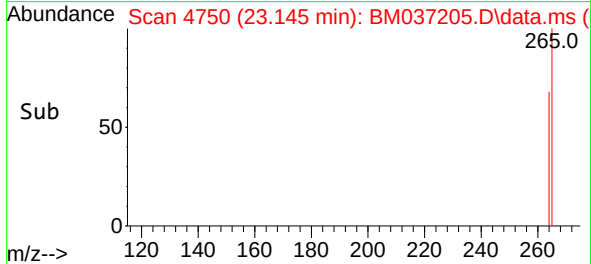
Instrument :
BNA_M
ClientSampleId :
C0BL6



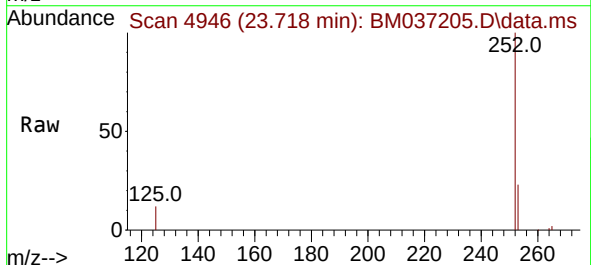
Tgt Ion:252 Resp: 559590
Ion Ratio Lower Upper
252 100
253 24.3 20.6 30.8
125 13.4 13.3 19.9

Manual Integrations
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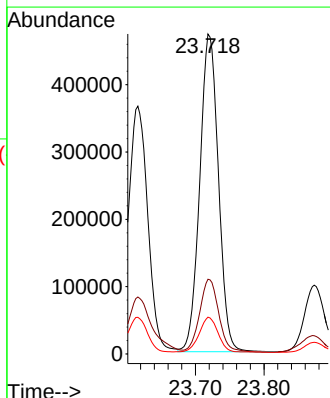
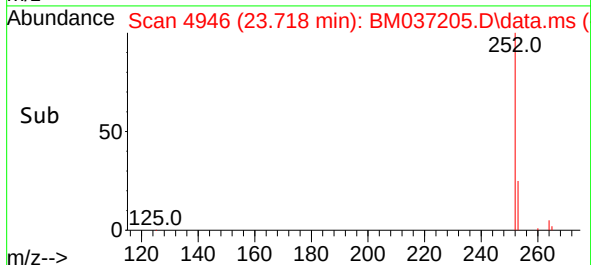
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

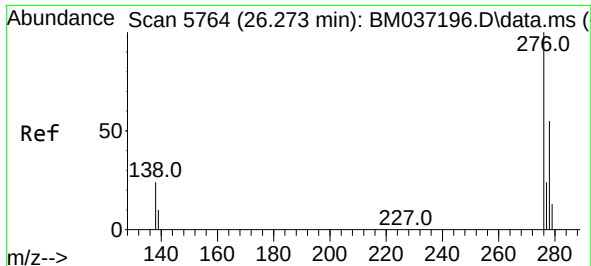


#26
Benzo(a)pyrene
Concen: 11.250 ng/ul
RT: 23.718 min Scan# 4946
Delta R.T. 0.007 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03



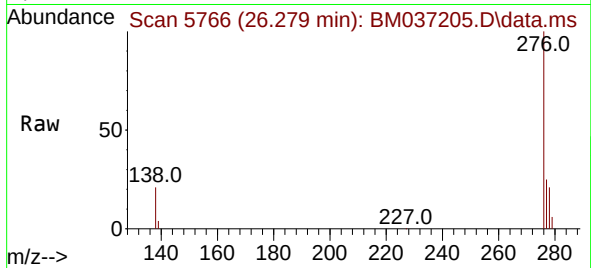
Tgt Ion:252 Resp: 893185
Ion Ratio Lower Upper
252 100
253 23.3 22.1 33.1
125 11.5 17.6 26.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 6.145 ng/ul
RT: 26.279 min Scan# 5766
Delta R.T. 0.004 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03

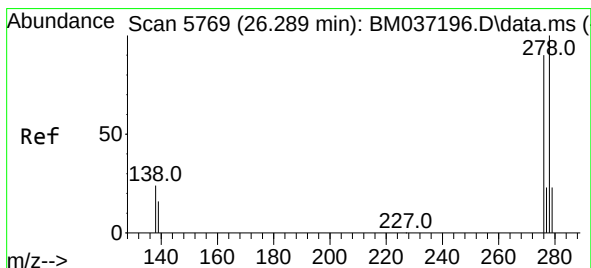
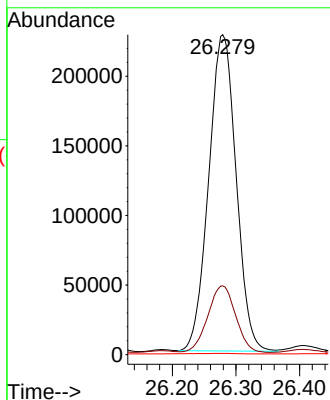
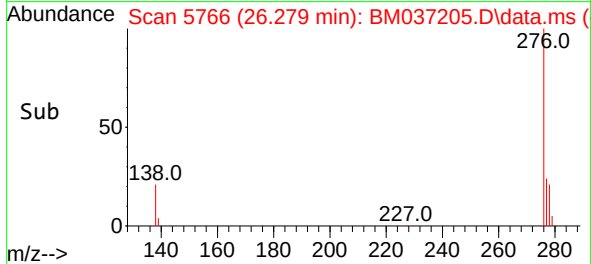
Instrument :
BNA_M
ClientSampleId :
C0BL6



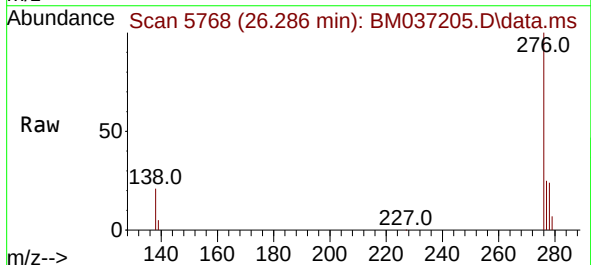
Tgt Ion:276 Resp: 68140
Ion Ratio Lower Upper
276 100
138 21.3 21.4 32.0
227 0.3 0.1 0.1

Manual Integrations
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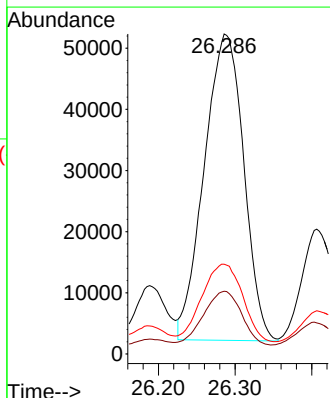
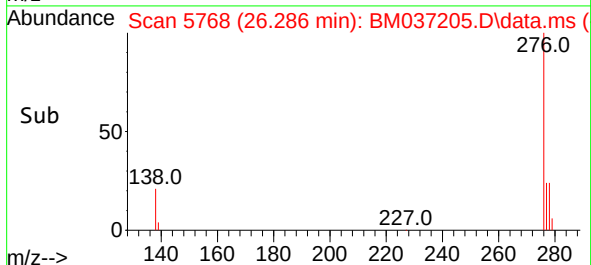
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

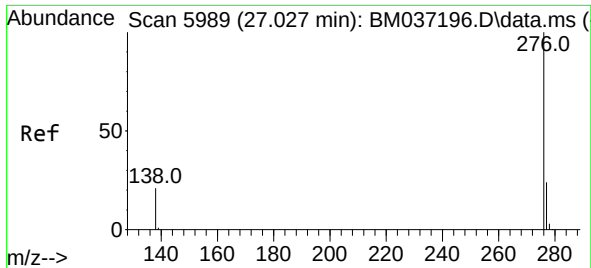


#28
Dibenzo(a,h)anthracene
Concen: 2.049 ng/ul
RT: 26.286 min Scan# 5768
Delta R.T. -0.006 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03



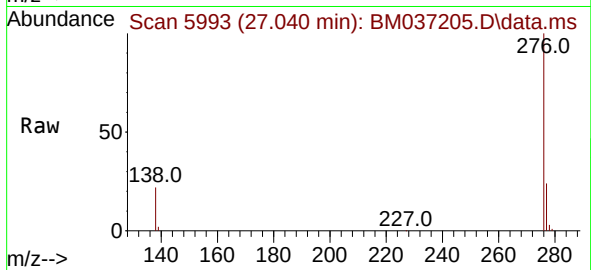
Tgt Ion:278 Resp: 179266
Ion Ratio Lower Upper
278 100
139 19.6 16.3 24.5
279 28.1 21.5 32.3





#29
Benzo(g,h,i)perylene
Concen: 5.969 ng/ul
RT: 27.040 min Scan# 5993
Delta R.T. 0.014 min
Lab File: BM037205.D
Acq: 24 Oct 2022 16:03

Instrument :
BNA_M
ClientSampleId :
C0BL6



Tgt Ion:276 Resp: 58219
Ion Ratio Lower Upper
276 100
138 22.0 19.8 29.8
277 24.1 20.1 30.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

