

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
 Data File : BM037204.D
 Acq On : 24 Oct 2022 15:27
 Operator : CG/JU
 Sample : N5064-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BN6

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 02:29:22 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	4582	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	14171	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	8520	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	17915	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	15055	0.400	ng/ul	0.00
23) Perylene-d12	23.820	264	15124	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	22319	3.995	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	5935	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	14931	0.328	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.748	128	37444	0.892	ng/ul	100
7) 2-Methylnaphthalene	12.360	142	33882	1.348	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	36585	1.426	ng/ul	100
10) Acenaphthylene	14.252	152	111210	3.038	ng/ul	99
11) Acenaphthene	14.594	153	7281	0.220	ng/ul	98
12) Fluorene	15.580	166	25726	0.665	ng/ul	99
14) Pentachlorophenol	16.926	266	320	0.074	ng/ul	96
15) Phenanthrene	17.314	178	1035684	17.125	ng/ul	99
16) Anthracene	17.403	178	78727	1.644	ng/ul	99
19) Fluoranthene	19.327	202	1192038	18.227	ng/ul	96
20) Pyrene	19.690	202	1483385	22.373	ng/ul	100
21) Benzo(a)anthracene	21.432	228	476105	8.149	ng/ul	96
22) Chrysene	21.484	228	999612	14.870	ng/ul	99
24) Benzo(b)fluoranthene	23.101	252	1021875	12.756	ng/ul	92
25) Benzo(k)fluoranthene	23.142	252	339360m	4.383	ng/ul	
26) Benzo(a)pyrene	23.717	252	580312	9.022	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.275	276	454391	5.058	ng/ul	90
28) Dibenzo(a,h)anthracene	26.288	278	128719	1.816	ng/ul	97
29) Benzo(g,h,i)perylene	27.036	276	412106	5.215	ng/ul	96

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

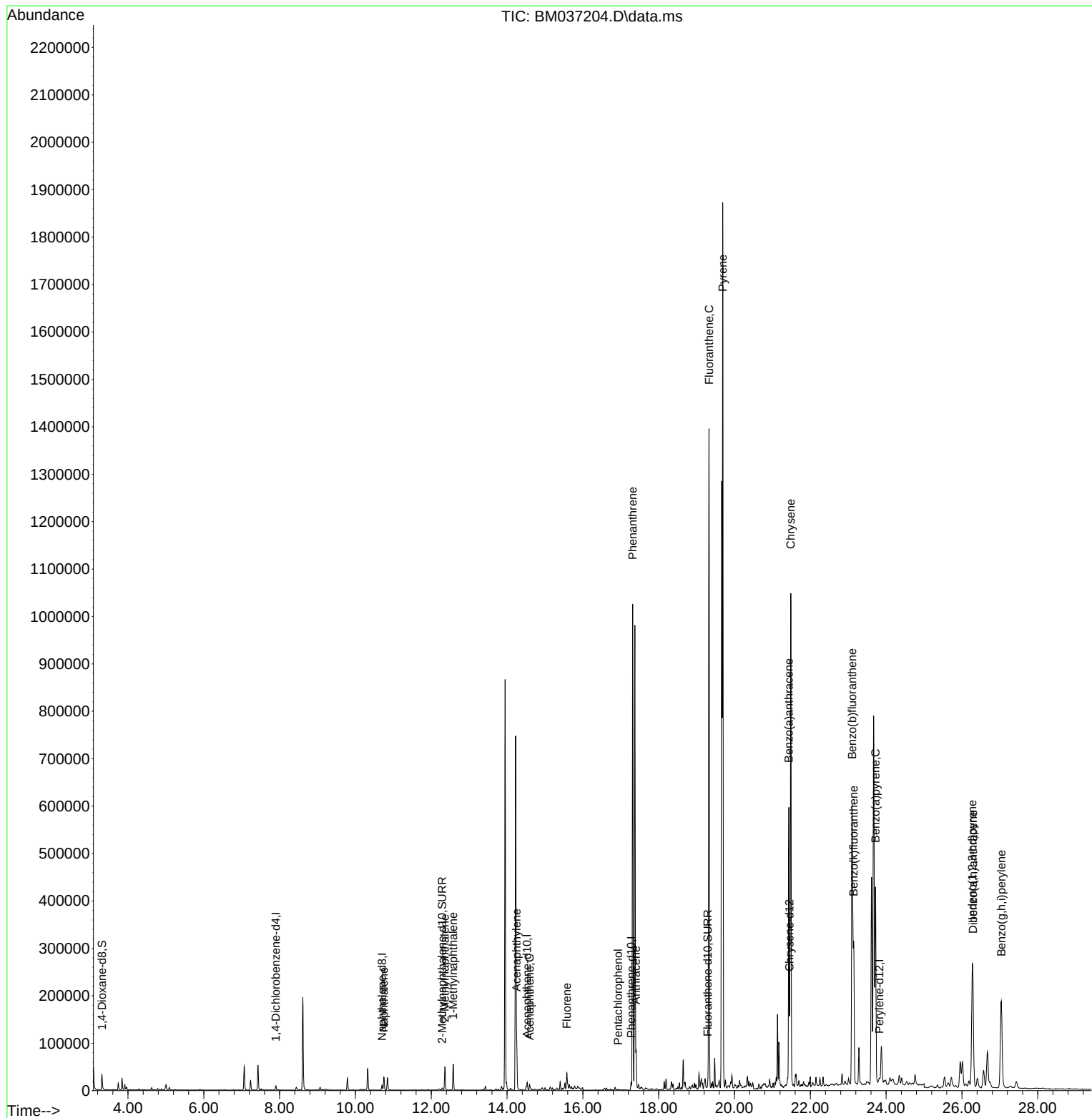
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
Data File : BM037204.D
Acq On : 24 Oct 2022 15:27
Operator : CG/JU
Sample : N5064-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

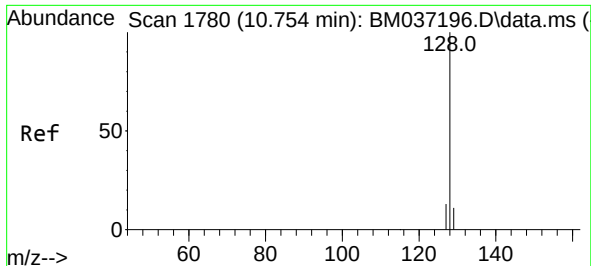
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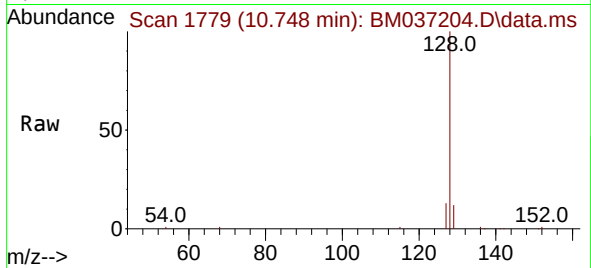
Quant Time: Oct 25 02:29:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.892 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27

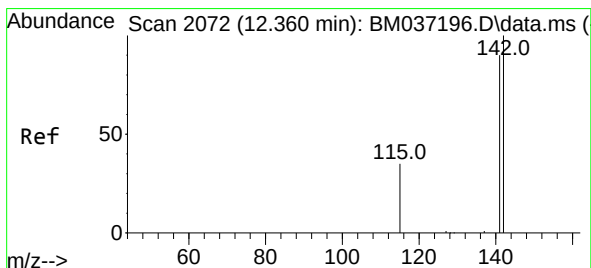
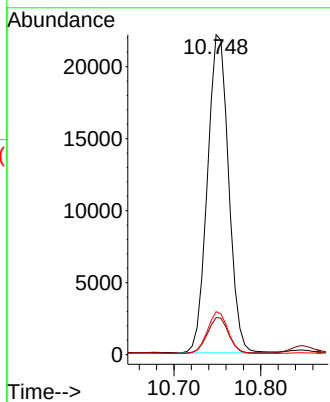
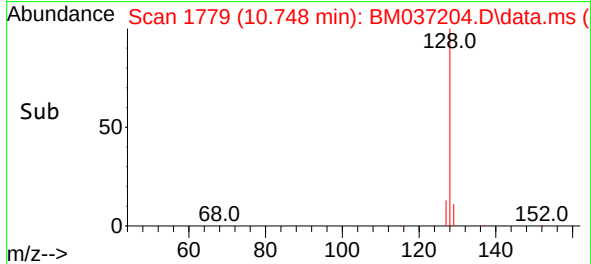
Instrument :
BNA_M
ClientSampleId :
COBN6



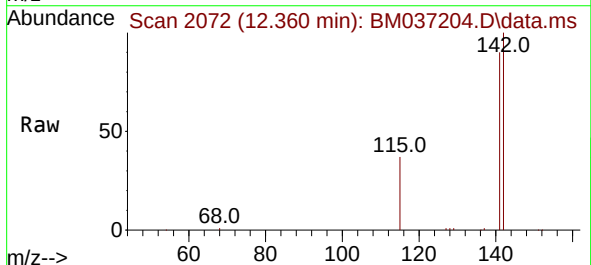
Tgt Ion:128 Resp: 3744
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 10.5 15.7

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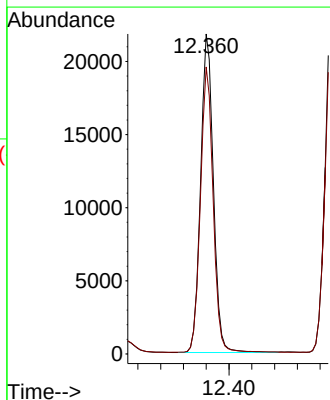
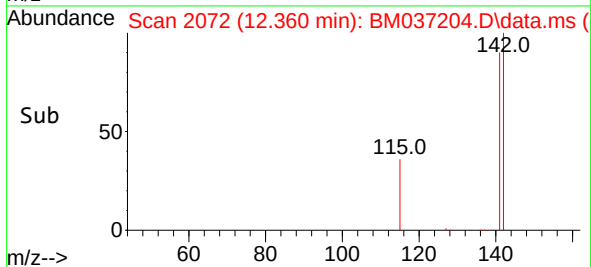
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

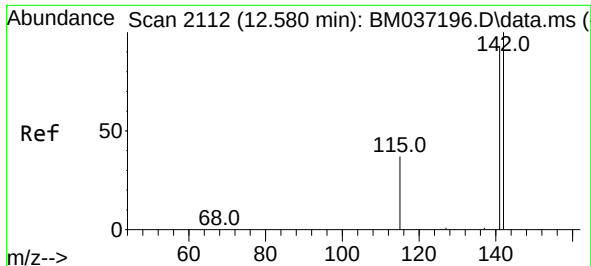


#7
2-Methylnaphthalene
Concen: 1.348 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27



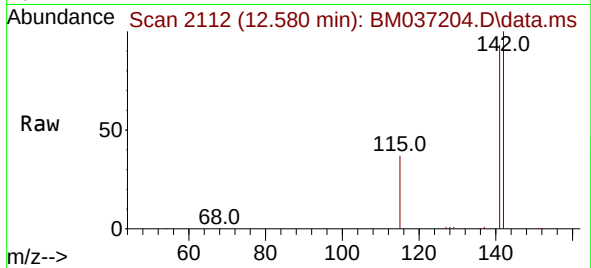
Tgt Ion:142 Resp: 33882
Ion Ratio Lower Upper
142 100
141 89.1 72.8 109.2





#8
1-Methylnaphthalene
Concen: 1.426 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27

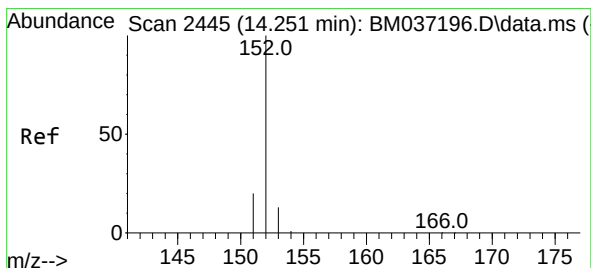
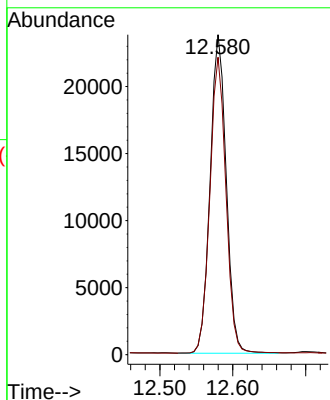
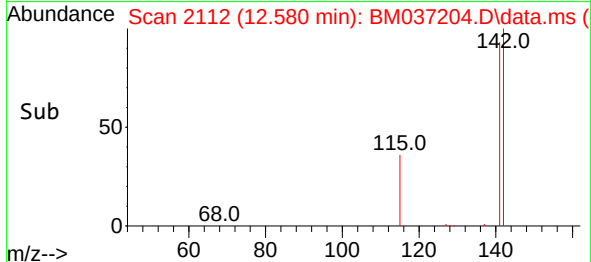
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 3658
Ion Ratio Lower Upper
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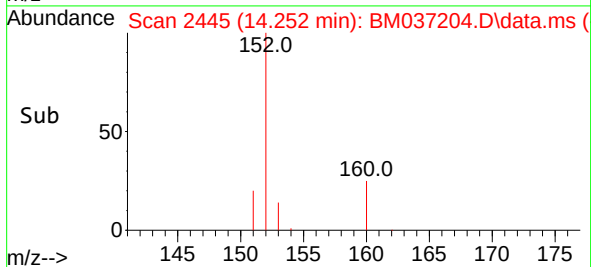
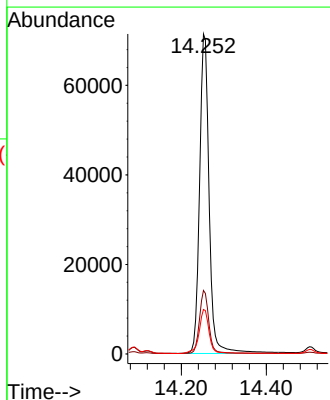
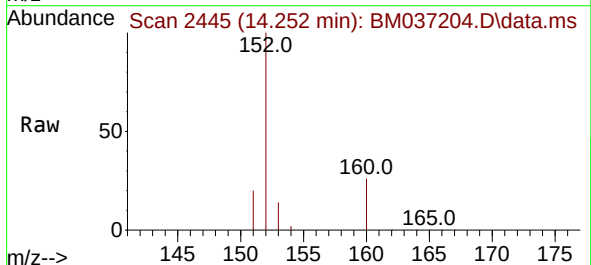
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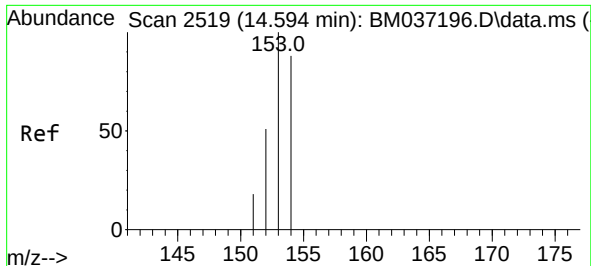
Reviewed By :Jagrut Upadhyay 10/25/2022
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#10
Acenaphthylene
Concen: 3.038 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27

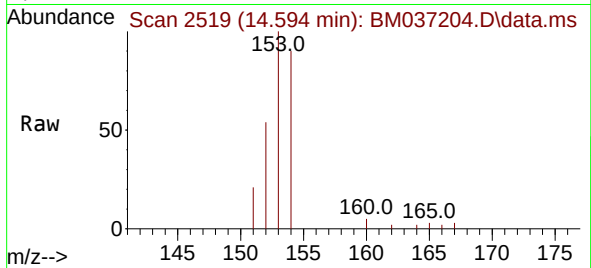
Tgt Ion:152 Resp: 111210
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.9 10.8 16.2





#11
Acenaphthene
Concen: 0.220 ng/u1
RT: 14.594 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27

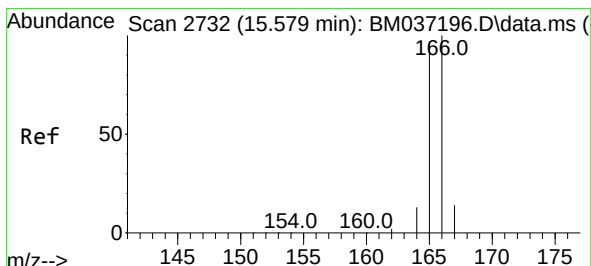
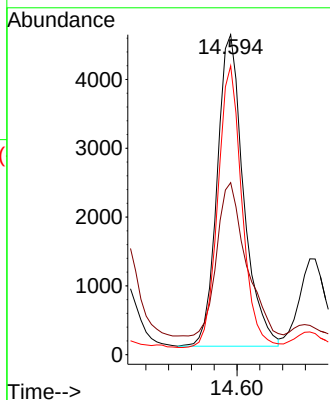
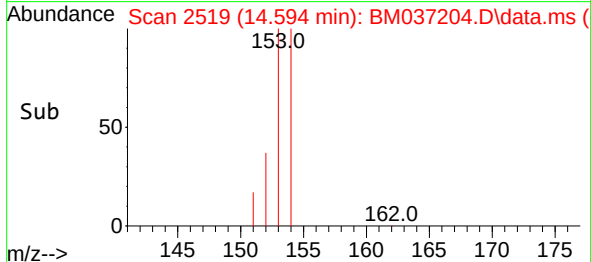
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 728
Ion Ratio Lower Upper
153 100
152 53.8 43.3 64.9
154 90.3 70.0 105.0

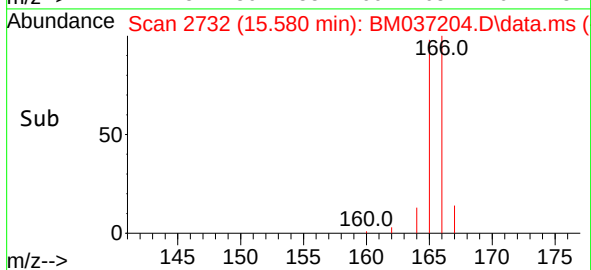
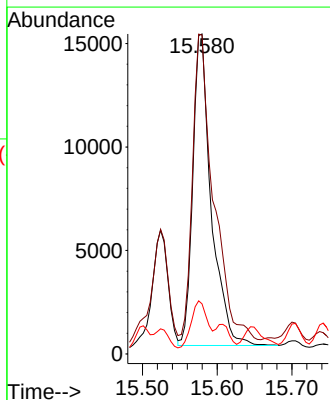
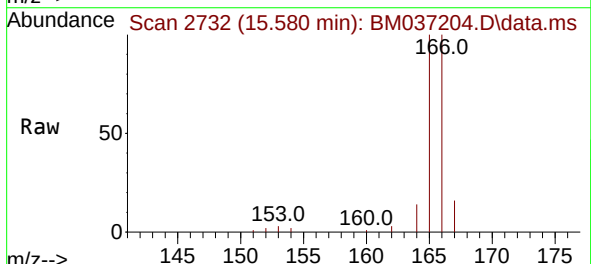
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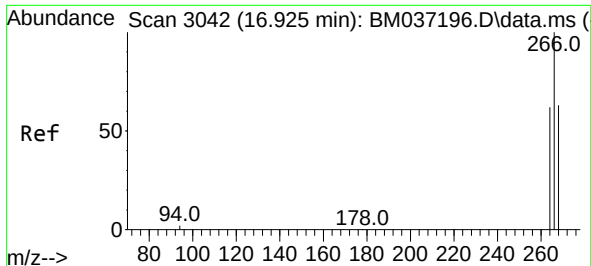
Reviewed By :Jagrut Upadhyay 10/25/2022
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#12
Fluorene
Concen: 0.665 ng/u1
RT: 15.580 min Scan# 2732
Delta R.T. 0.000 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27

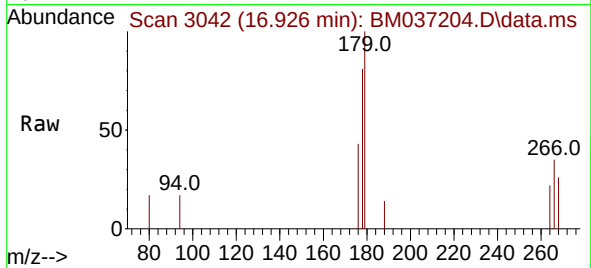
Tgt Ion:166 Resp: 25726
Ion Ratio Lower Upper
166 100
165 99.6 79.4 119.2
167 15.6 11.3 16.9





#14
Pentachlorophenol
Concen: 0.074 ng/ul
RT: 16.926 min Scan# 3042
Delta R.T. 0.000 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27

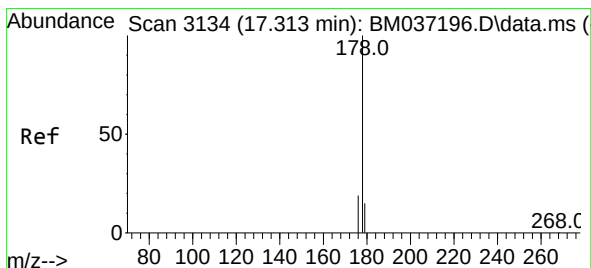
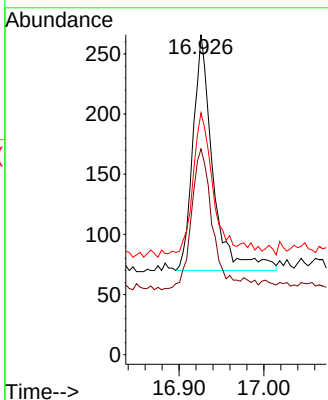
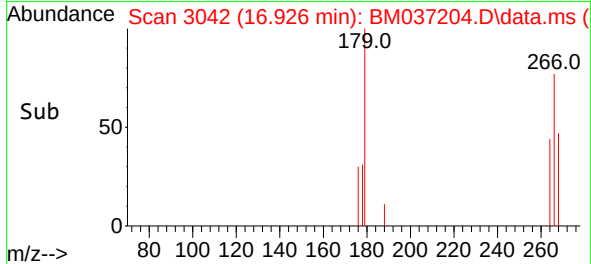
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ClientSampleId :
COBN6



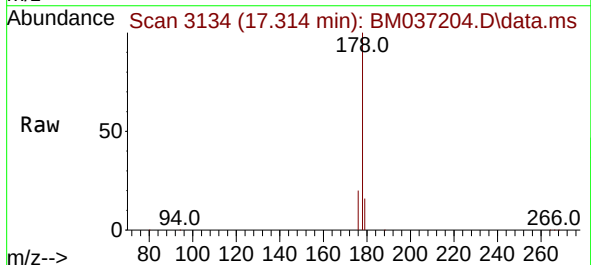
Tgt Ion:266 Resp: 320
Ion Ratio Lower Upper
266 100
264 65.6 49.4 74.0
268 61.3 50.5 75.7

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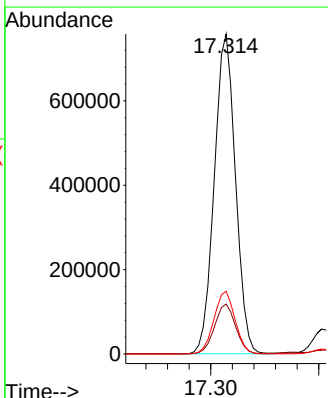
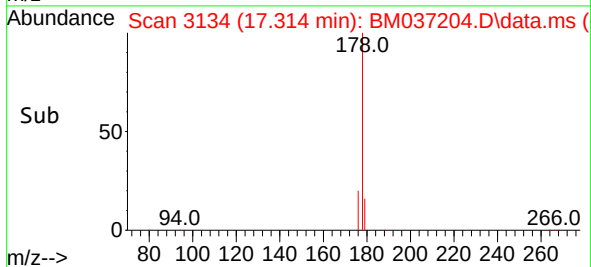
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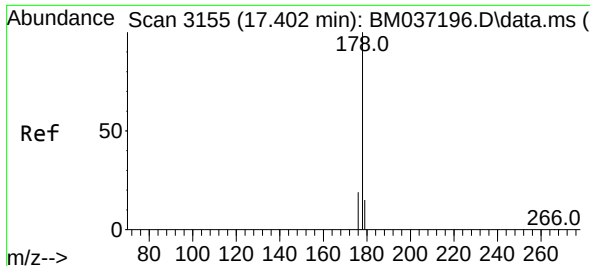


#15
Phenanthrene
Concen: 17.125 ng/ul
RT: 17.314 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27



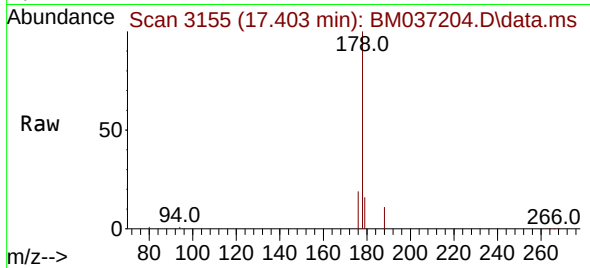
Tgt Ion:178 Resp: 1035684
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.6 16.1 24.1





#16
 Anthracene
 Concen: 1.644 ng/ul
 RT: 17.403 min Scan# 3155
 Delta R.T. 0.000 min
 Lab File: BM037204.D
 Acq: 24 Oct 2022 15:27

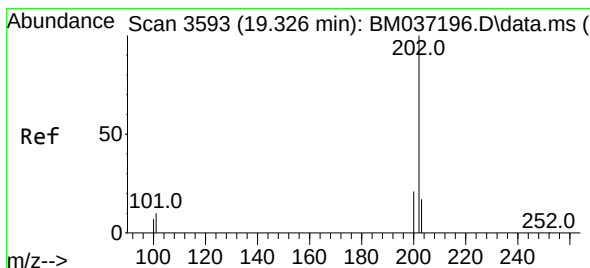
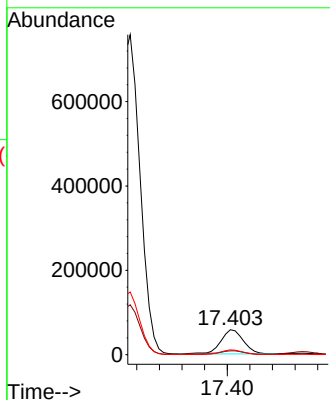
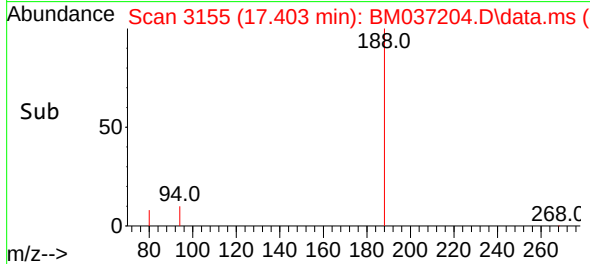
Instrument :
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 C0BN6



Tgt Ion:178 Resp: 7872
 Ion Ratio Lower Upper
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 179 15.8 13.1 19.7
 176 19.1 15.3 22.9

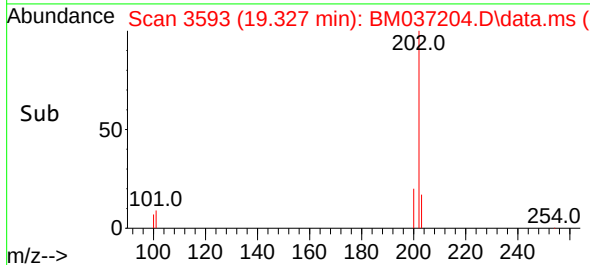
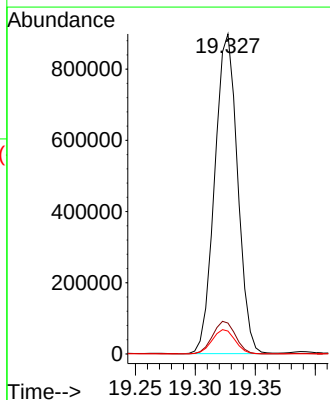
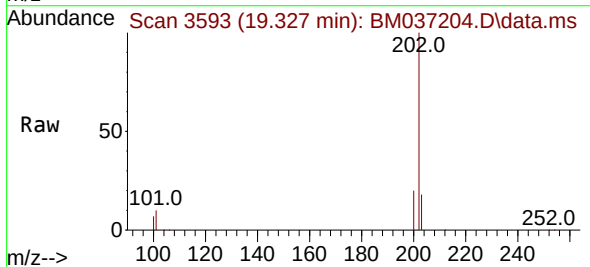
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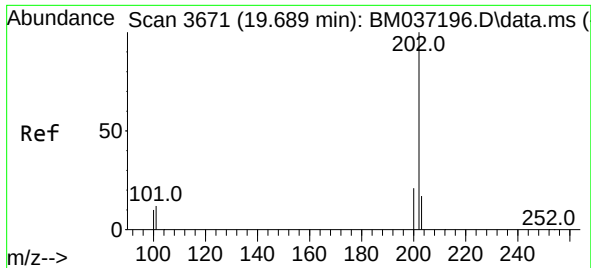
Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022



#19
 Fluoranthene
 Concen: 18.227 ng/ul
 RT: 19.327 min Scan# 3593
 Delta R.T. 0.000 min
 Lab File: BM037204.D
 Acq: 24 Oct 2022 15:27

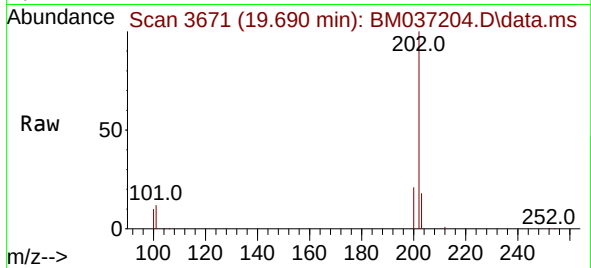
Tgt Ion:202 Resp: 1192038
 Ion Ratio Lower Upper
 202 100
 101 9.6 8.9 13.3
 100 7.1 6.9 10.3





#20
Pyrene
Concen: 22.373 ng/u1
RT: 19.690 min Scan# 30
Delta R.T. 0.005 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27

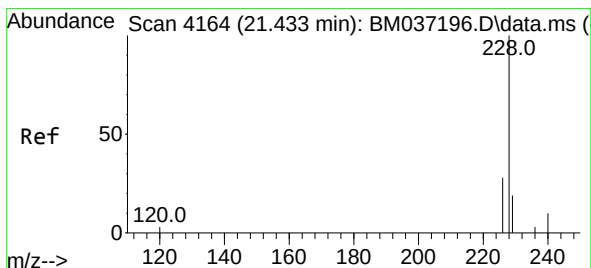
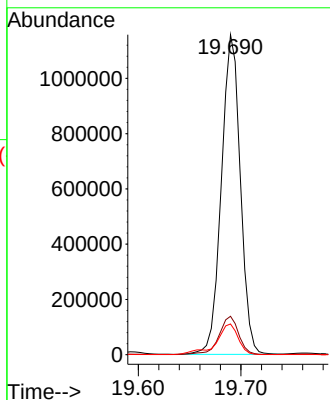
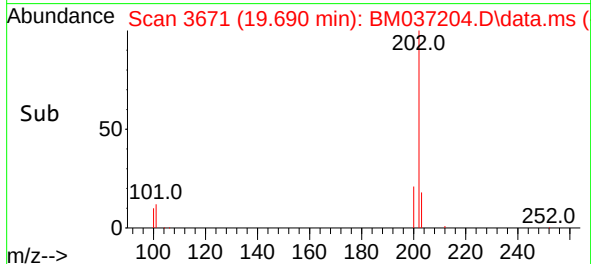
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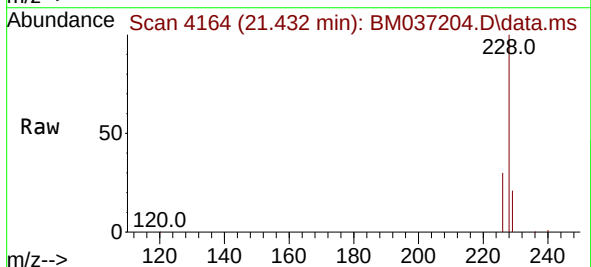
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Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 9.6 7.8 11.8

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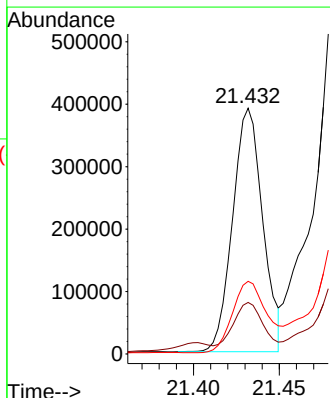
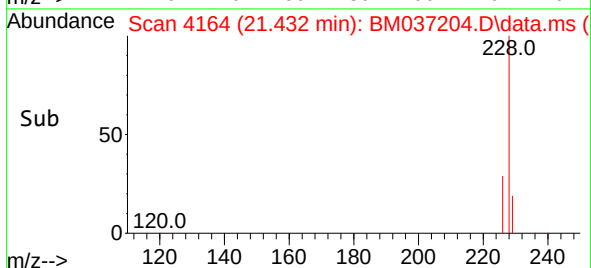
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

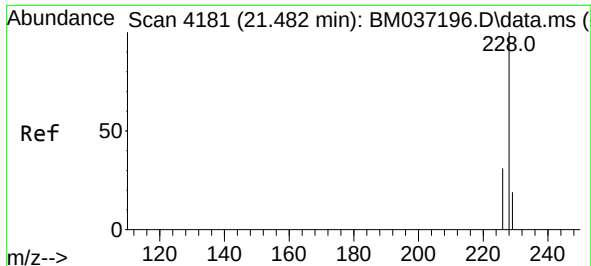


#21
Benzo(a)anthracene
Concen: 8.149 ng/u1
RT: 21.432 min Scan# 4164
Delta R.T. 0.000 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27



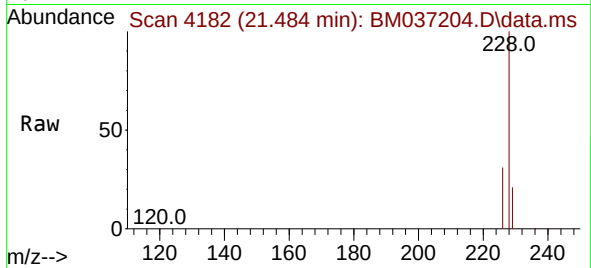
Tgt Ion:228 Resp: 476105
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 29.6 21.8 32.8





#22
Chrysene
Concen: 14.870 ng/u1
RT: 21.484 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27

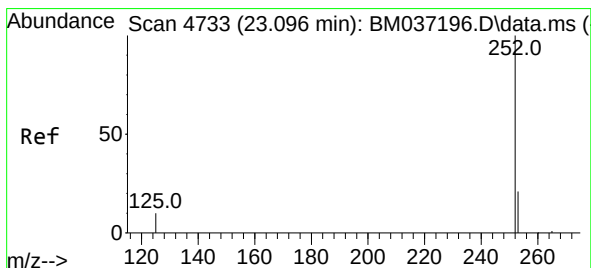
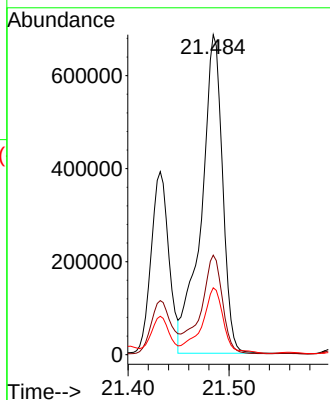
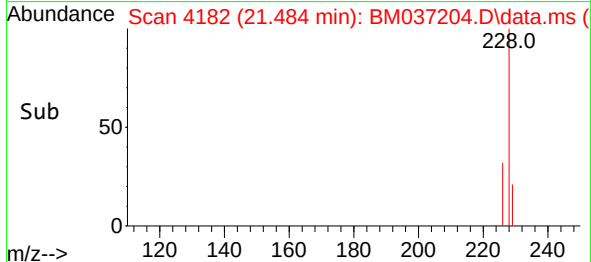
Instrument :
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Tgt Ion:228 Resp: 999612
Ion Ratio Lower Upper
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226 31.1 24.8 37.2
229 20.9 16.0 24.0

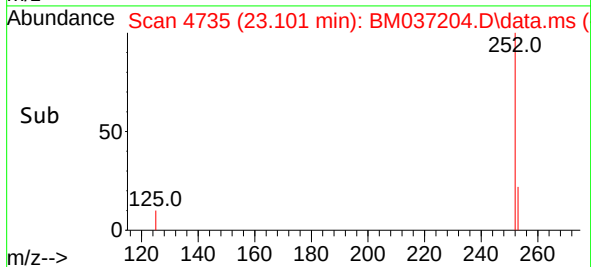
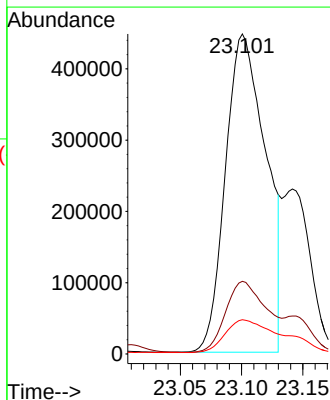
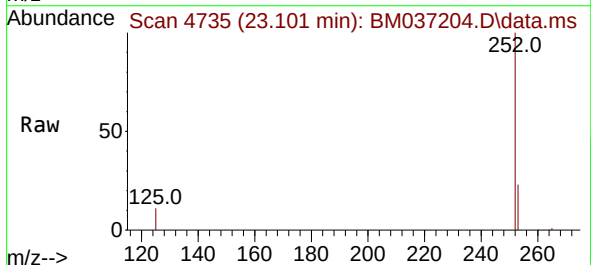
Manual Integrations
APPROVED

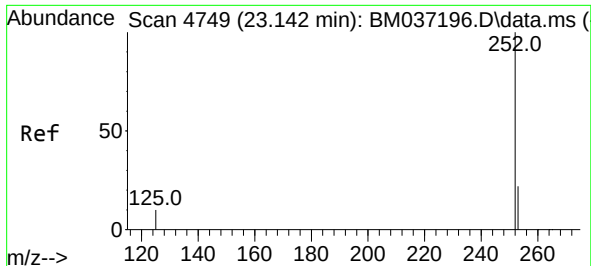
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#24
Benzo(b)fluoranthene
Concen: 12.756 ng/u1
RT: 23.101 min Scan# 4735
Delta R.T. 0.006 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27

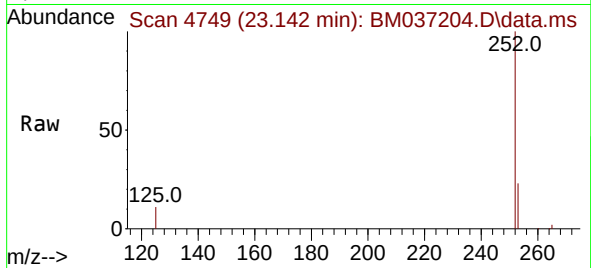
Tgt Ion:252 Resp: 1021875
Ion Ratio Lower Upper
252 100
253 22.7 0.0 50.6
125 10.7 0.0 32.6





#25
Benzo(k)fluoranthene
Concen: 4.383 ng/ul m
RT: 23.142 min Scan# 4749
Delta R.T. -0.003 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27

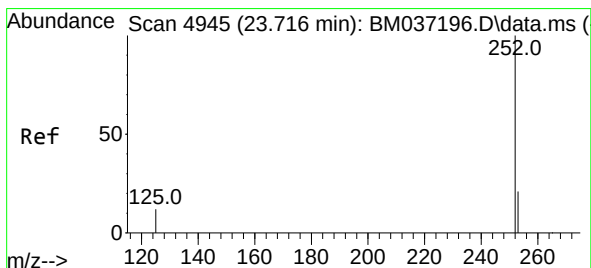
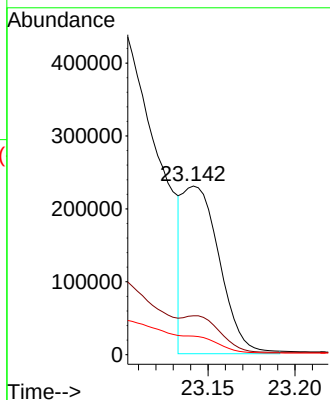
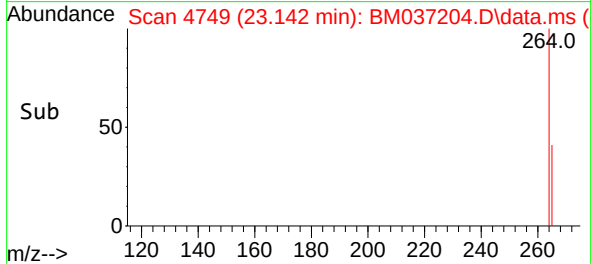
Instrument :
BNA_M
ClientSampleId :
C0BN6



Tgt Ion:252 Resp: 339360
Ion Ratio Lower Upper
252 100
253 23.0 20.6 30.8
125 11.0 13.3 19.9

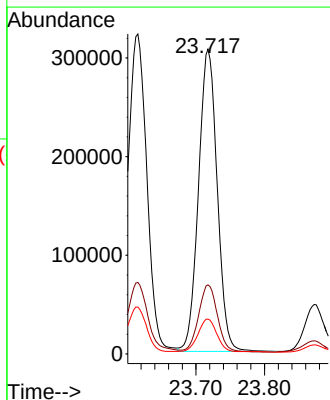
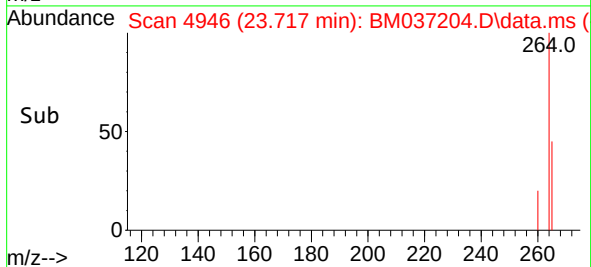
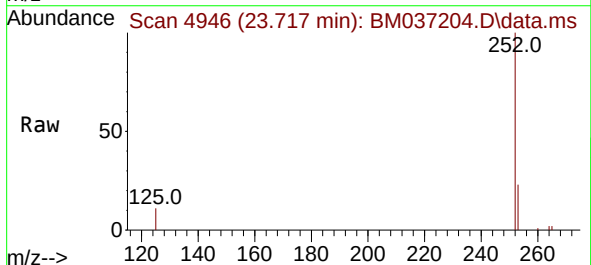
Manual Integrations
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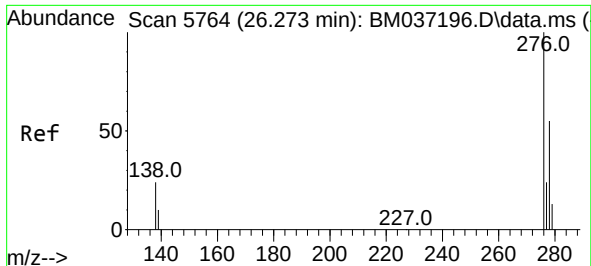
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#26
Benzo(a)pyrene
Concen: 9.022 ng/ul
RT: 23.717 min Scan# 4946
Delta R.T. 0.006 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27

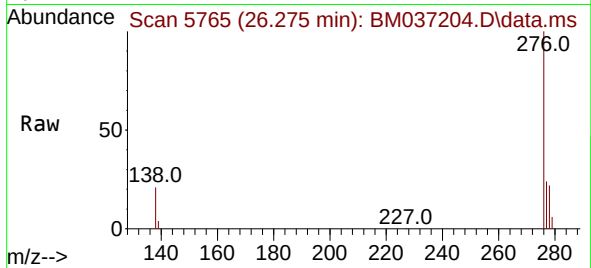
Tgt Ion:252 Resp: 580312
Ion Ratio Lower Upper
252 100
253 22.7 22.1 33.1
125 11.5 17.6 26.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 5.058 ng/ul
RT: 26.275 min Scan# 5764
Delta R.T. 0.000 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27

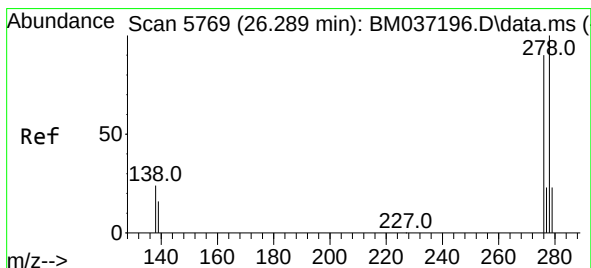
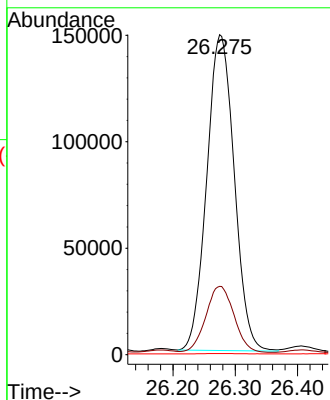
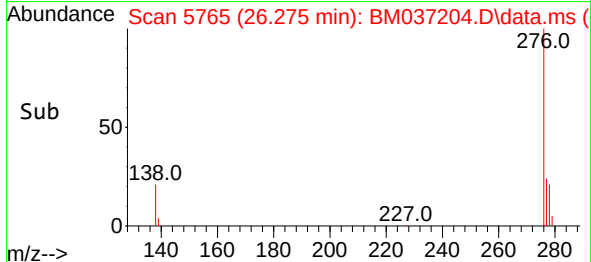
Instrument :
BNA_M
ClientSampleId :
C0BN6



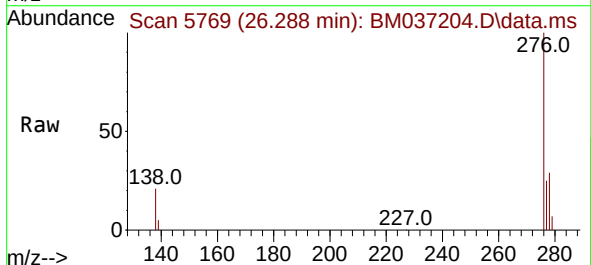
Tgt Ion: 276 Resp: 45439
Ion Ratio Lower Upper
276 100
138 21.4 21.4 32.0
227 0.1 0.1 0.1

Manual Integrations
APPROVED

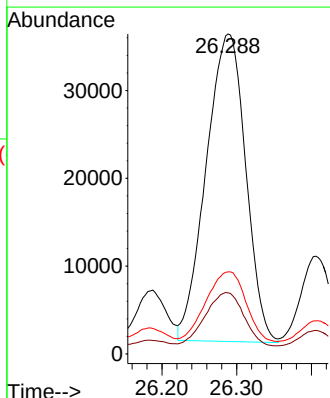
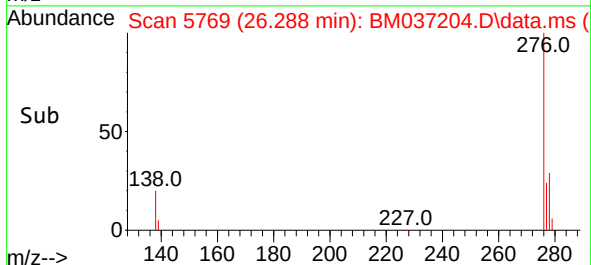
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

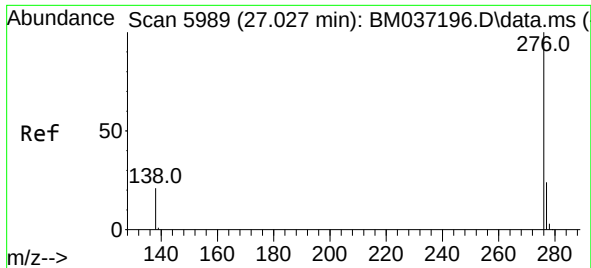


#28
Dibenzo(a,h)anthracene
Concen: 1.816 ng/ul
RT: 26.288 min Scan# 5769
Delta R.T. -0.003 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27



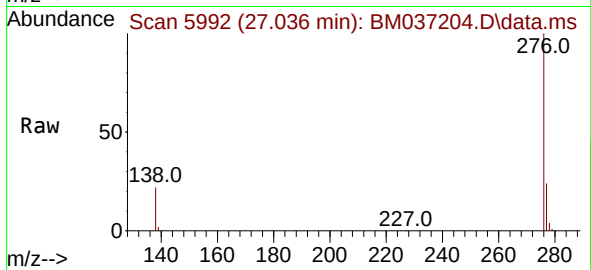
Tgt Ion: 278 Resp: 128719
Ion Ratio Lower Upper
278 100
139 19.1 16.3 24.5
279 25.7 21.5 32.3





#29
Benzo(g,h,i)perylene
Concen: 5.215 ng/ul
RT: 27.036 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM037204.D
Acq: 24 Oct 2022 15:27

Instrument :
BNA_M
ClientSampleId :
C0BN6



Tgt Ion:276 Resp: 412100
Ion Ratio Lower Upper
276 100
138 21.6 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

