

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
 Data File : BM038005.D
 Acq On : 14 Dec 2022 19:49
 Operator : CG/JU
 Sample : N5983-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COLC0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022

Quant Time: Dec 14 23:27:43 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 01:30:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	5194	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	15734	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	9130	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	20136	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	14256	0.400	ng/ul	0.00
23) Perylene-d12	24.044	264	14025	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	19681	2.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	4639	0.208	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	11333	0.233	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.412	152	1149	0.022	ng/ul#	79
14) Pentachlorophenol	17.071	266	59484	6.949	ng/ul	99
15) Phenanthrene	17.464	178	3966m	0.057	ng/ul	
16) Anthracene	17.557	178	27522	0.431	ng/ul	98
19) Fluoranthene	19.469	202	7146	0.095	ng/ul	95
20) Pyrene	19.831	202	6636m	0.087	ng/ul	
21) Benzo(a)anthracene	21.571	228	2310	0.035	ng/ul#	87
22) Chrysene	21.624	228	5482m	0.081	ng/ul	
24) Benzo(b)fluoranthene	23.290	252	13812	0.178	ng/ul	87
25) Benzo(k)fluoranthene	23.334	252	4282m	0.059	ng/ul	
26) Benzo(a)pyrene	23.936	252	5607	0.089	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.612	276	3455	0.045	ng/ul#	100
29) Benzo(g,h,i)perylene	27.407	276	2430	0.038	ng/ul#	78

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

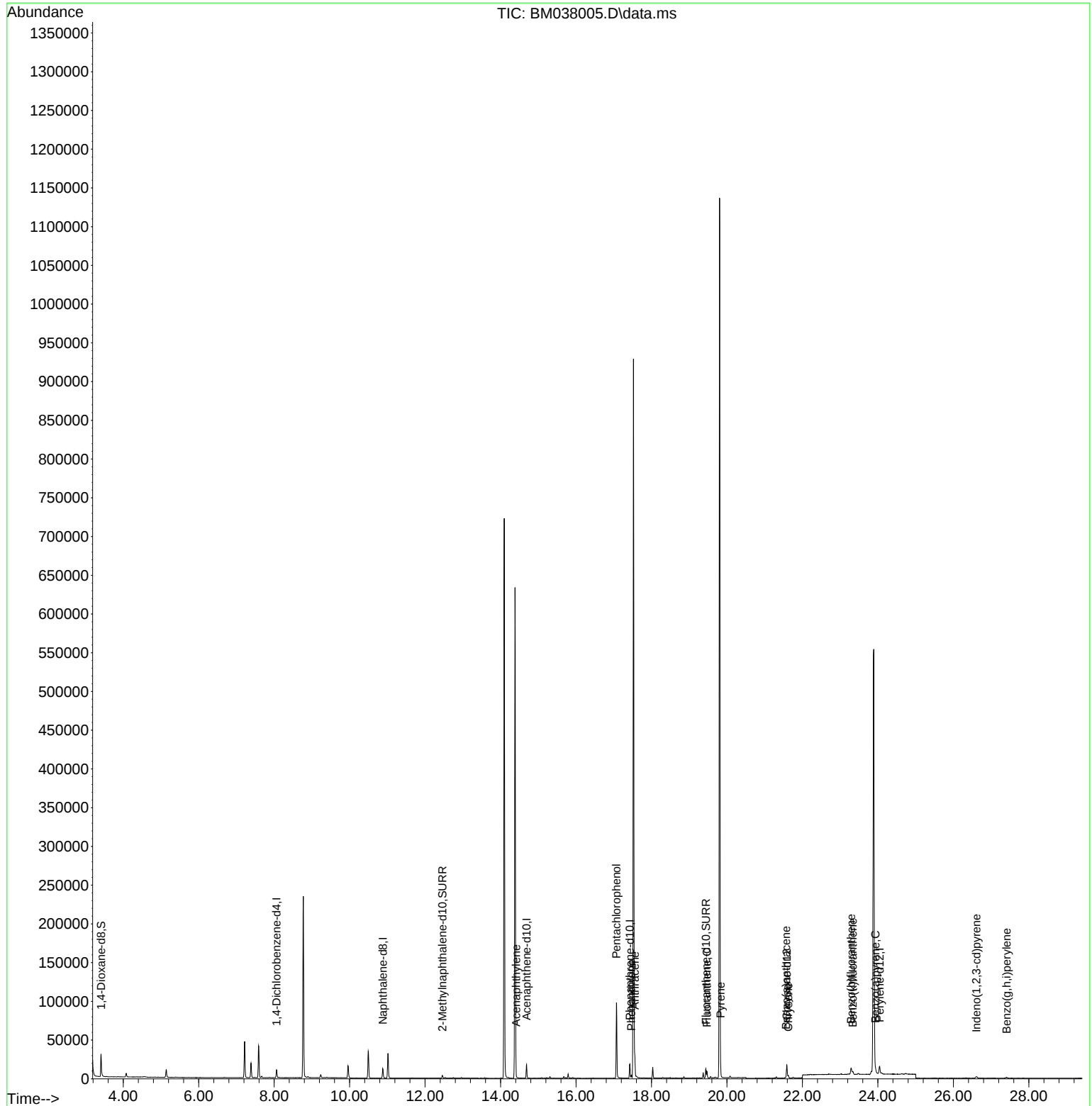
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
Data File : BM038005.D
Acq On : 14 Dec 2022 19:49
Operator : CG/JU
Sample : N5983-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

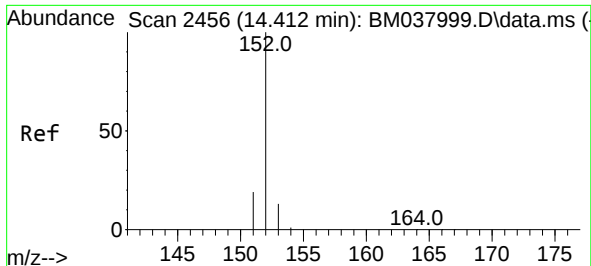
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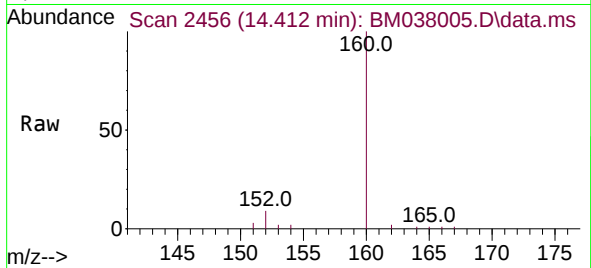
Quant Time: Dec 14 23:27:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:30:33 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.412 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM038005.D
Acq: 14 Dec 2022 19:49

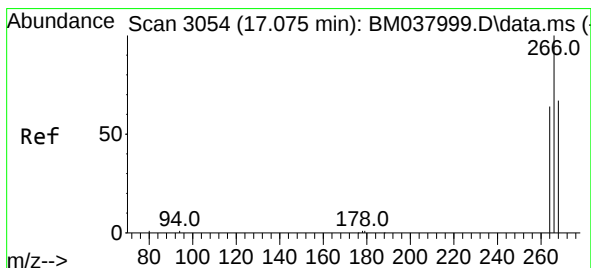
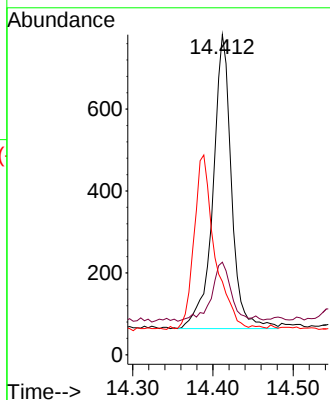
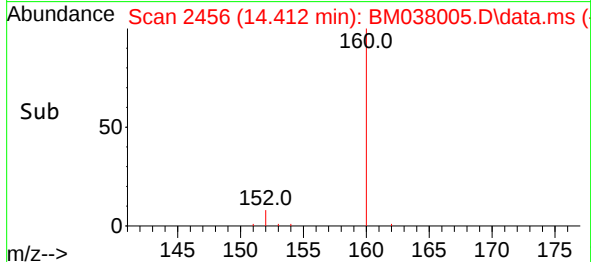
Instrument :
BNA_M
ClientSampleId :
COLC0



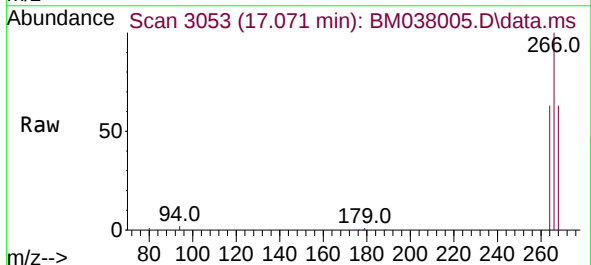
Tgt Ion:152 Resp: 1149
Ion Ratio Lower Upper
152 100
151 28.9 15.8 23.8
153 22.9 10.7 16.1

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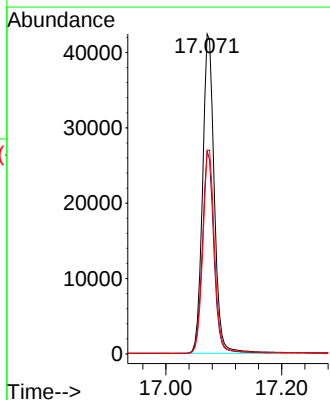
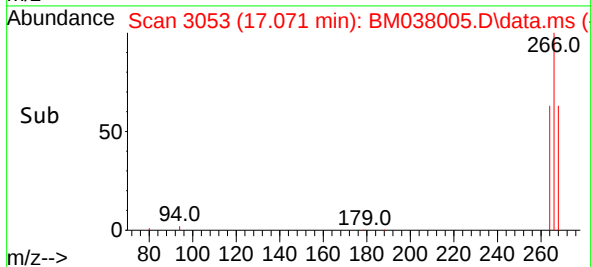
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

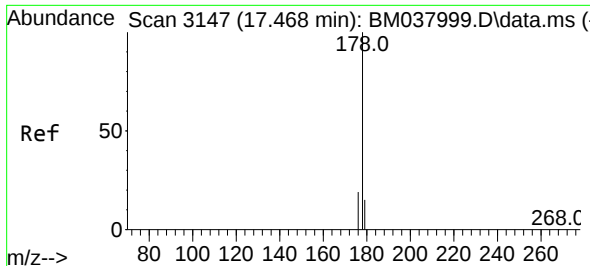


#14
Pentachlorophenol
Concen: 6.949 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. -0.009 min
Lab File: BM038005.D
Acq: 14 Dec 2022 19:49



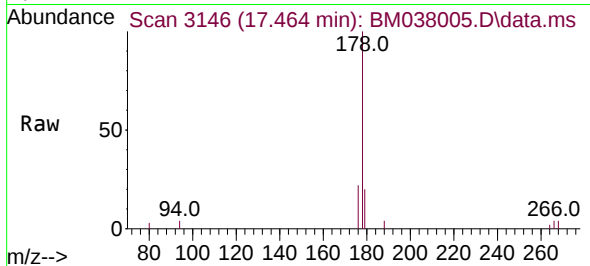
Tgt Ion:266 Resp: 59484
Ion Ratio Lower Upper
266 100
264 62.8 50.9 76.3
268 64.2 50.4 75.6





#15
Phenanthrene
Concen: 0.057 ng/ul m
RT: 17.464 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BM038005.D
Acq: 14 Dec 2022 19:49

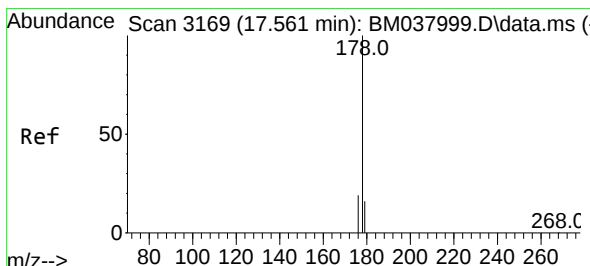
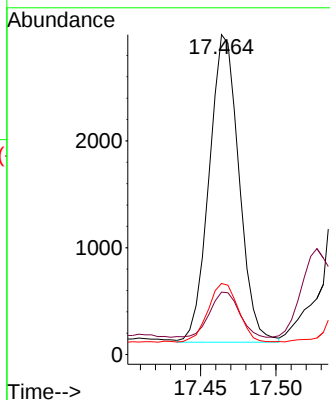
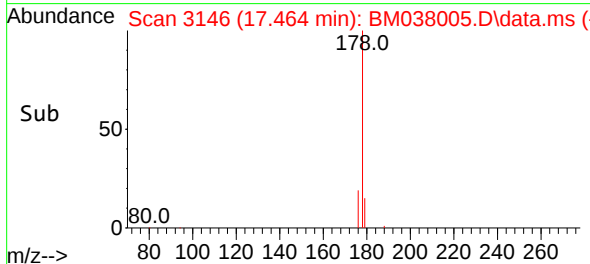
Instrument :
BNA_M
ClientSampleId :
COLC0



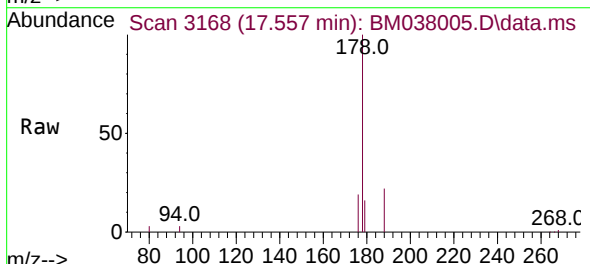
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Ion Ratio Lower Upper
178 100
179 19.5 12.7 19.1
176 22.2 16.2 24.2

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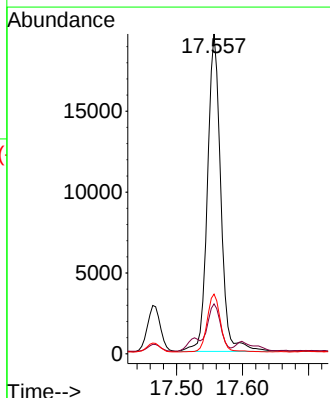
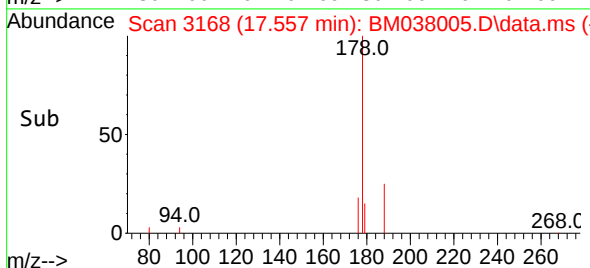
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

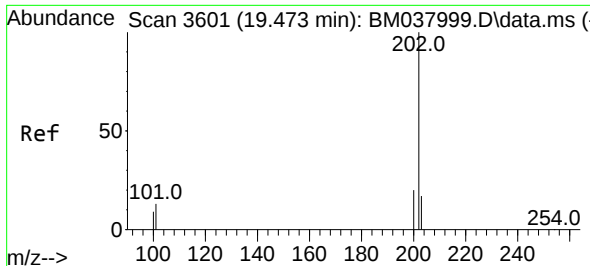


#16
Anthracene
Concen: 0.431 ng/ul
RT: 17.557 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BM038005.D
Acq: 14 Dec 2022 19:49



Tgt Ion:178 Resp: 27522
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.0
176 18.7 15.8 23.6





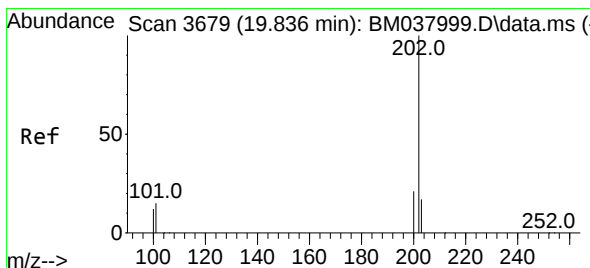
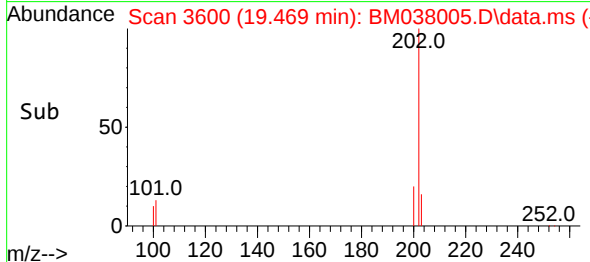
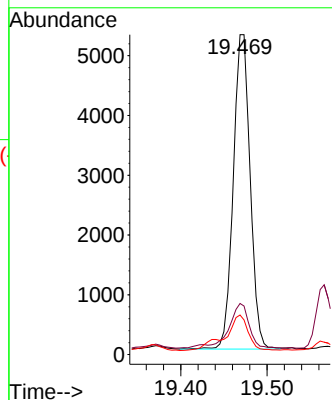
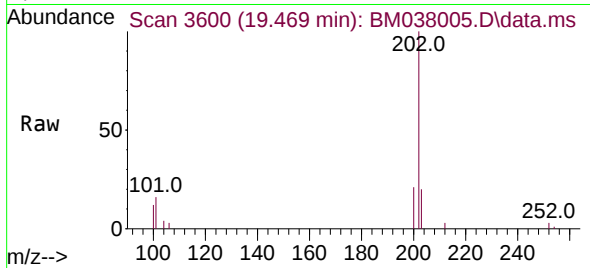
#19
Fluoranthene
Concen: 0.095 ng/ul
RT: 19.469 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM038005.D
Acq: 14 Dec 2022 19:49

Instrument :
BNA_M
ClientSampleId :
COLC0

Tgt Ion:202 Resp: 7146
Ion Ratio Lower Upper
202 100
101 16.0 10.9 16.3
100 12.4 8.5 12.7

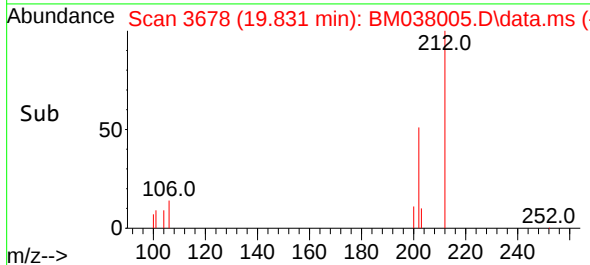
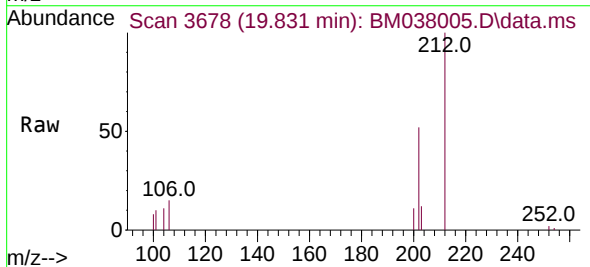
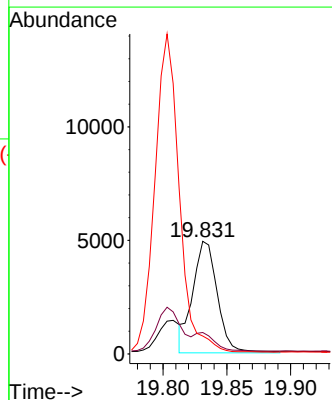
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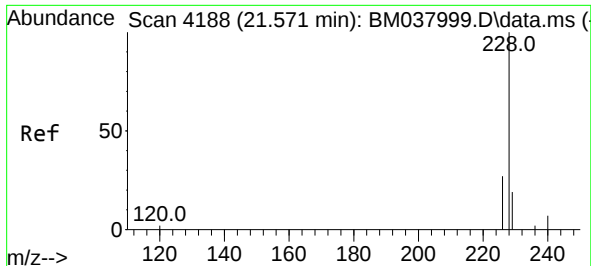
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#20
Pyrene
Concen: 0.087 ng/ul m
RT: 19.831 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM038005.D
Acq: 14 Dec 2022 19:49

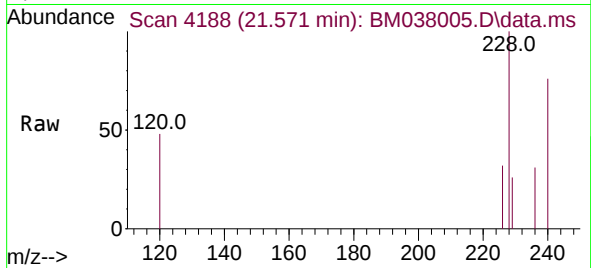
Tgt Ion:202 Resp: 6636
Ion Ratio Lower Upper
202 100
101 19.0 12.6 19.0#
100 15.8 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.035 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM038005.D
Acq: 14 Dec 2022 19:49

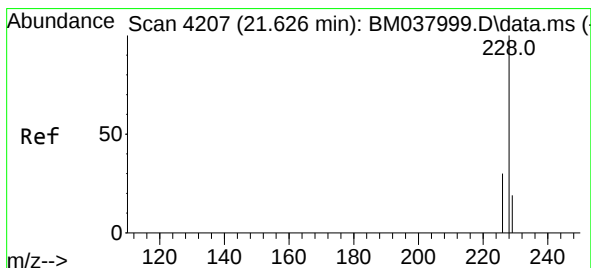
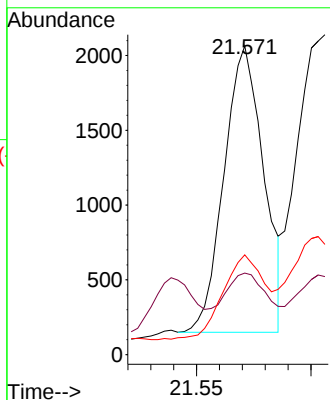
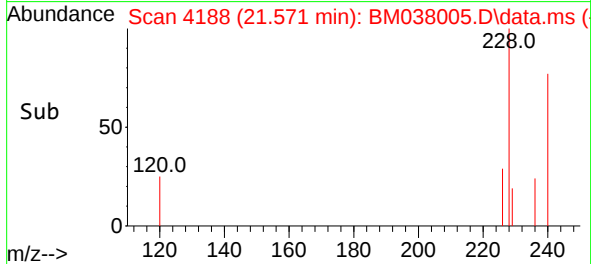
Instrument :
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ClientSampleId :
COLC0



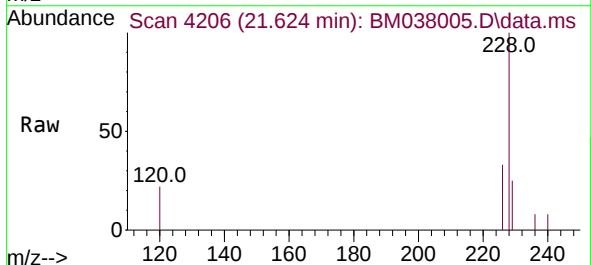
Tgt Ion:228 Resp: 2310
Ion Ratio Lower Upper
228 100
229 26.4 15.8 23.6
226 32.3 21.0 31.4

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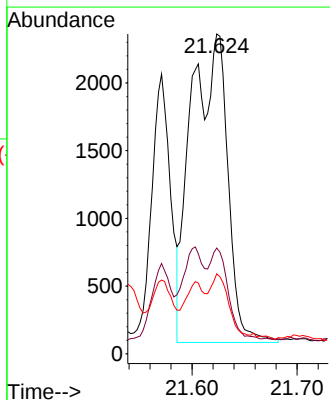
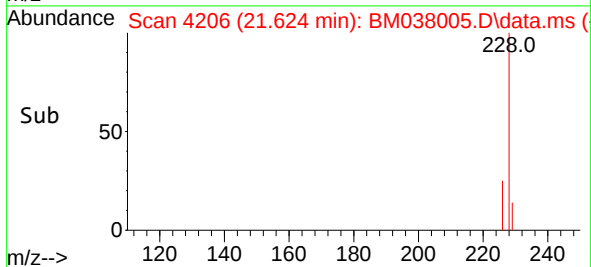
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

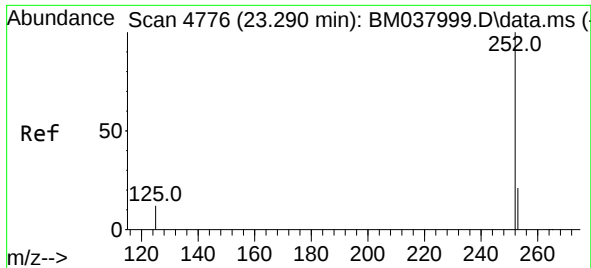


#22
Chrysene
Concen: 0.081 ng/ul m
RT: 21.624 min Scan# 4206
Delta R.T. -0.006 min
Lab File: BM038005.D
Acq: 14 Dec 2022 19:49



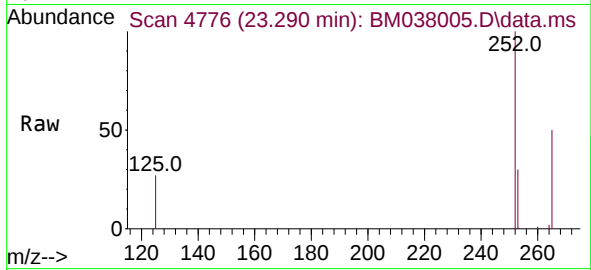
Tgt Ion:228 Resp: 5482
Ion Ratio Lower Upper
228 100
226 33.1 23.7 35.5
229 25.0 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.178 ng/ul
RT: 23.290 min Scan# 4776
Delta R.T. -0.006 min
Lab File: BM038005.D
Acq: 14 Dec 2022 19:49

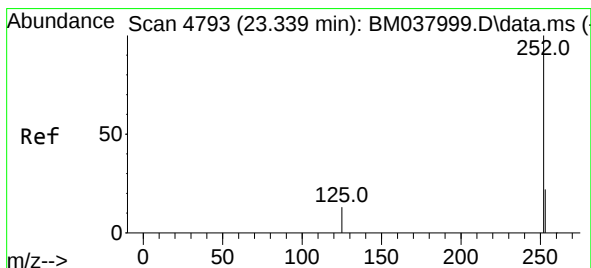
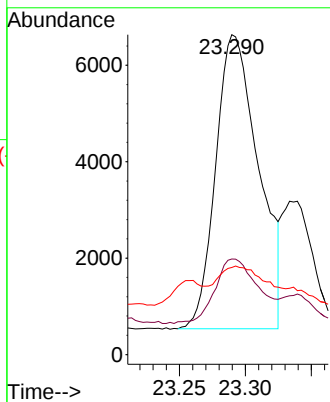
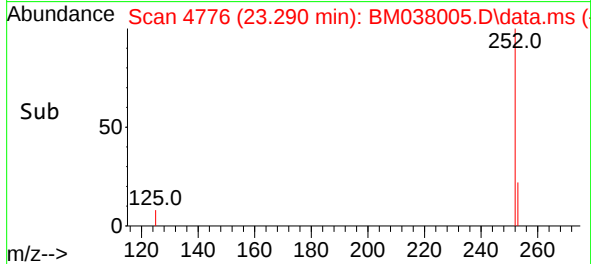
Instrument :
BNA_M
ClientSampleId :
COLC0



Tgt Ion:252 Resp: 13812
Ion Ratio Lower Upper
252 100
253 29.9 0.0 49.6
125 27.2 0.0 39.6

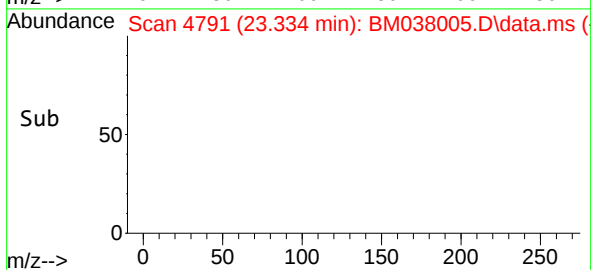
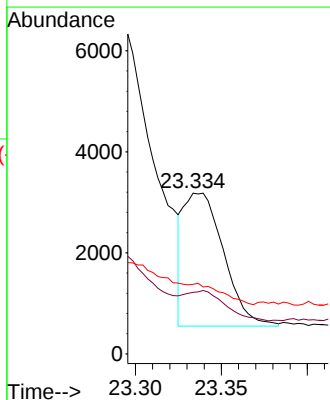
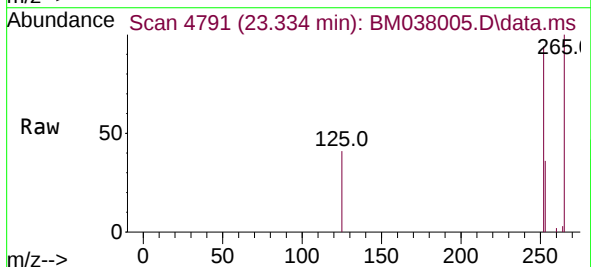
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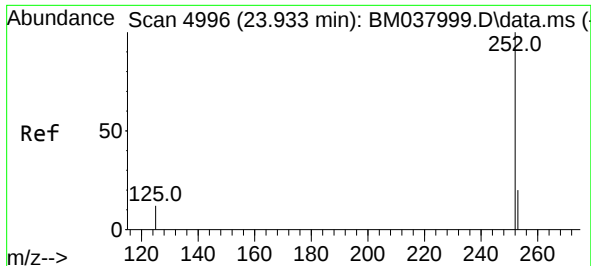
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#25
Benzo(k)fluoranthene
Concen: 0.059 ng/ul m
RT: 23.334 min Scan# 4791
Delta R.T. -0.009 min
Lab File: BM038005.D
Acq: 14 Dec 2022 19:49

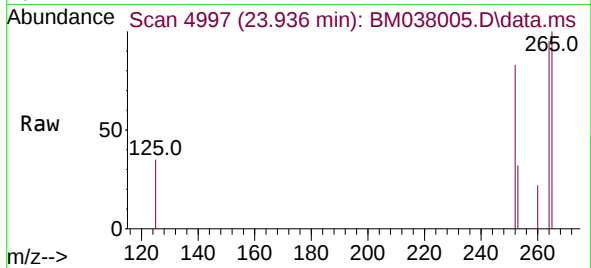
Tgt Ion:252 Resp: 4282
Ion Ratio Lower Upper
252 100
253 38.3 19.4 29.0#
125 43.2 16.7 25.1#





#26
Benzo(a)pyrene
Concen: 0.089 ng/ul
RT: 23.936 min Scan# 4997
Delta R.T. -0.003 min
Lab File: BM038005.D
Acq: 14 Dec 2022 19:49

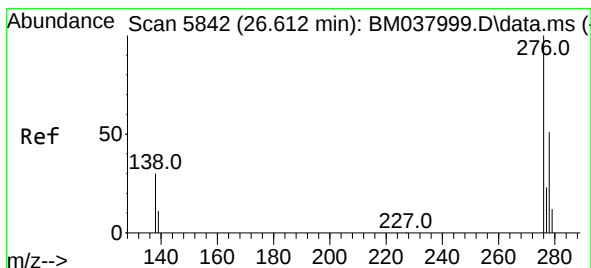
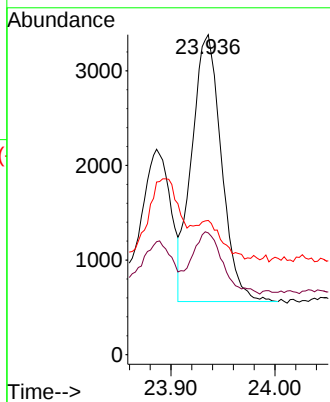
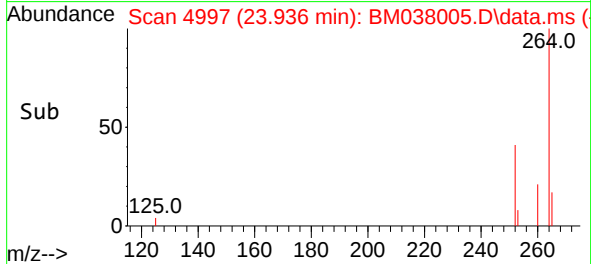
Instrument :
BNA_M
ClientSampleId :
COLC0



Tgt Ion:252 Resp: 560
Ion Ratio Lower Upper
252 100
253 38.0 21.7 32.5
125 41.9 20.4 30.6

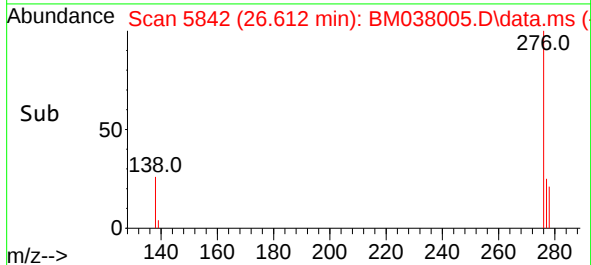
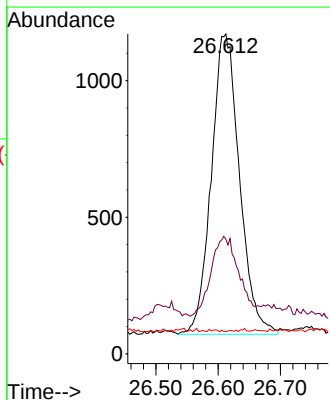
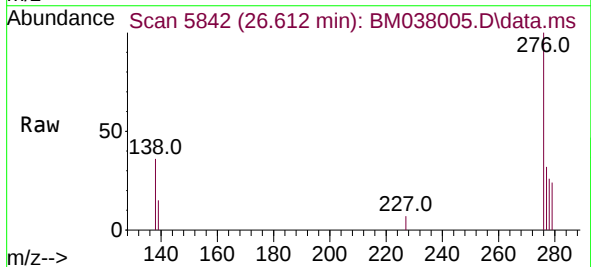
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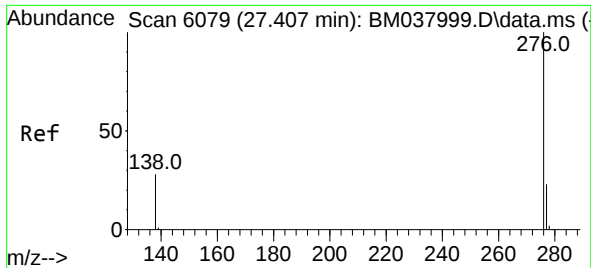
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. -0.007 min
Lab File: BM038005.D
Acq: 14 Dec 2022 19:49

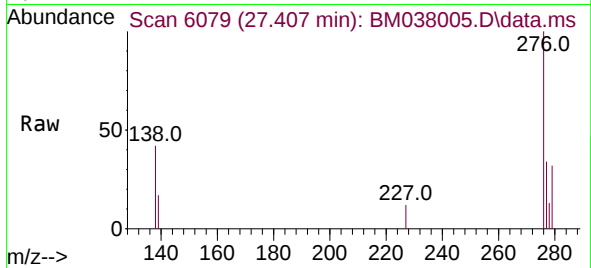
Tgt Ion:276 Resp: 3455
Ion Ratio Lower Upper
276 100
138 29.4 0.0 0.0#
227 0.1 0.1 0.1





#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 27.407 min Scan# 6079
Delta R.T. -0.010 min
Lab File: BM038005.D
Acq: 14 Dec 2022 19:49

Instrument :
BNA_M
ClientSampleId :
COLC0



Tgt Ion:276 Resp: 2430
Ion Ratio Lower Upper
276 100
138 42.4 23.5 35.3
277 34.4 20.0 30.0

Manual Integrations
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Supervised By :mohammad ahmed 12/16/2022

