

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035765.D
 Acq On : 29 Jun 2022 17:37
 Operator : CG/JU
 Sample : N3374-05RE
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4T5RE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 30 03:53:03 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 17:48:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	4231m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.572	136	13851	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.418	164	8183m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.165	188	15280m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.363	240	15145	0.400	ng/ul	#-0.01
23) Perylene-d12	23.683	264	17539	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	26008	4.530	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	6945	0.320	ng/ul	-0.04
18) Fluoranthene-d10	19.201	212	16612	0.325	ng/ul	-0.01
Target Compounds						
					Qvalue	
15) Phenanthrene	17.203	178	3642	0.066	ng/ul#	82
16) Anthracene	17.296	178	4930	0.107	ng/ul#	86
19) Fluoranthene	19.229	202	9779	0.129	ng/ul#	91
20) Pyrene	19.587	202	10259m	0.121	ng/ul	
21) Benzo(a)anthracene	21.348	228	13326	0.254	ng/ul#	89
22) Chrysene	21.398	228	16831	0.250	ng/ul#	89
24) Benzo(b)fluoranthene	22.979	252	18037	0.240	ng/ul	71
25) Benzo(k)fluoranthene	23.022	252	19703	0.256	ng/ul#	78
26) Benzo(a)pyrene	23.569	252	15814	0.206	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.095	276	25052	0.299	ng/ul	100
28) Dibenzo(a,h)anthracene	26.098	278	22305	0.336	ng/ul#	80
29) Benzo(g,h,i)perylene	26.829	276	22009	0.285	ng/ul#	82

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

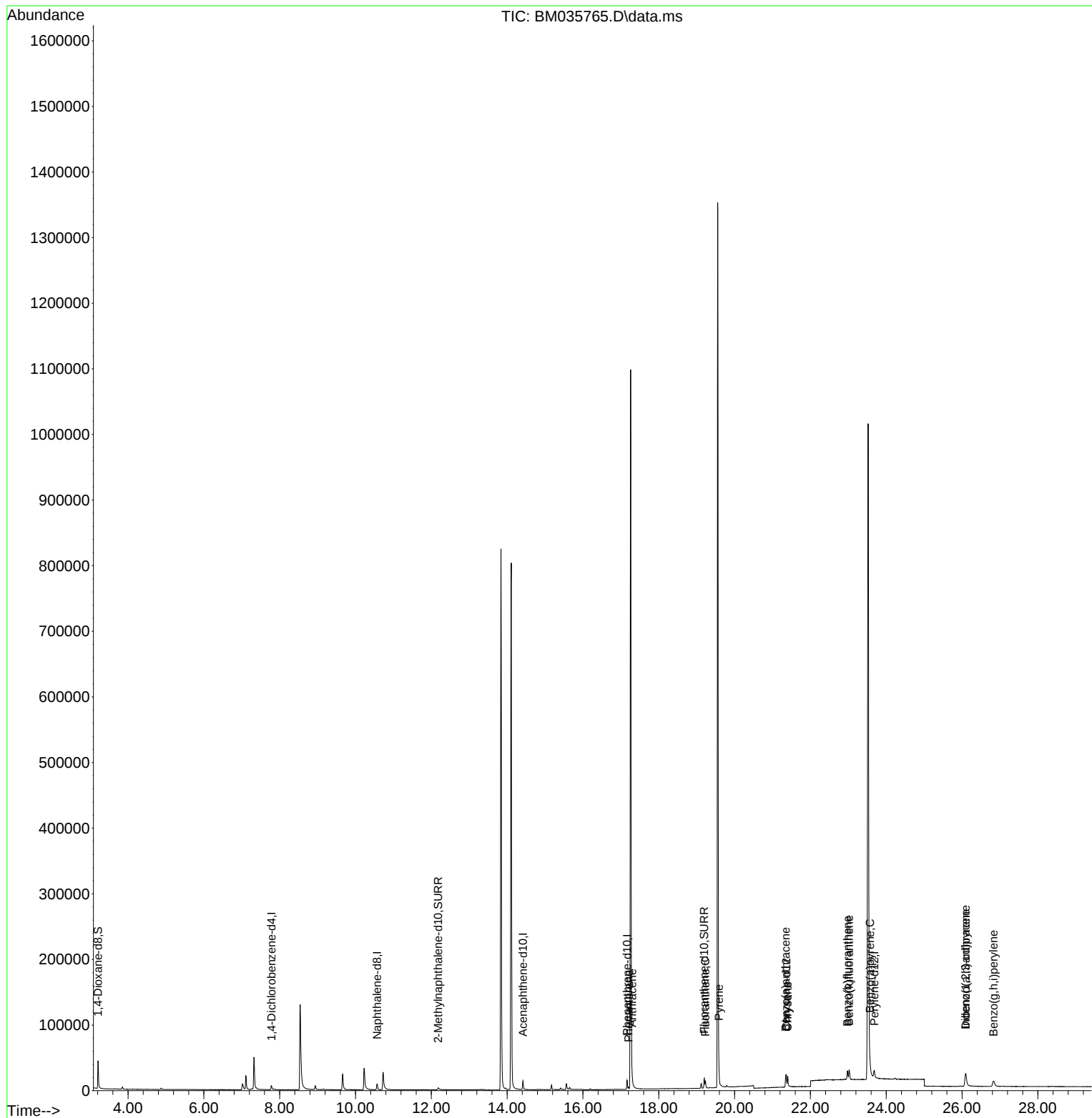
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035765.D
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ALS Vial : 44 Sample Multiplier: 1

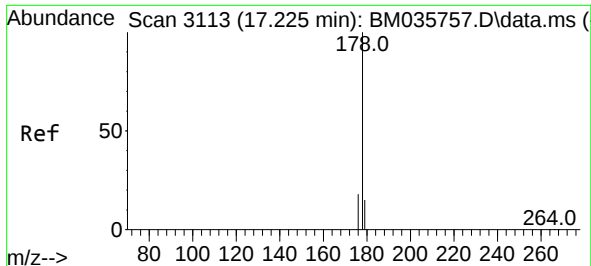
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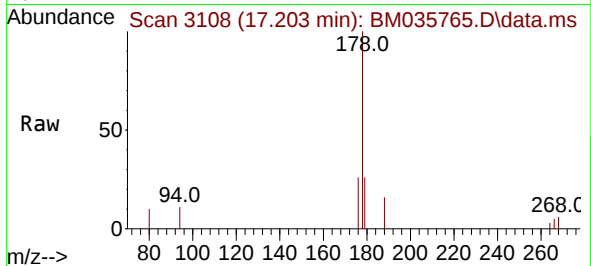
Quant Time: Jun 30 03:53:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:48:53 2022
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#15
Phenanthrene
Concen: 0.066 ng/u1
RT: 17.203 min Scan# 3113
Delta R.T. -0.035 min
Lab File: BM035765.D
Acq: 29 Jun 2022 17:37

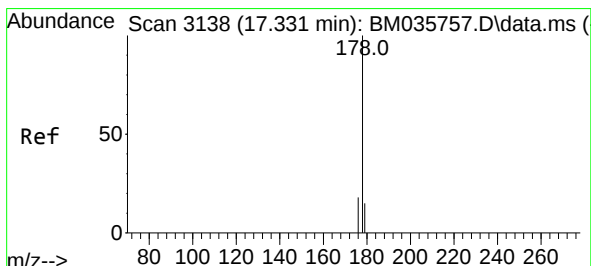
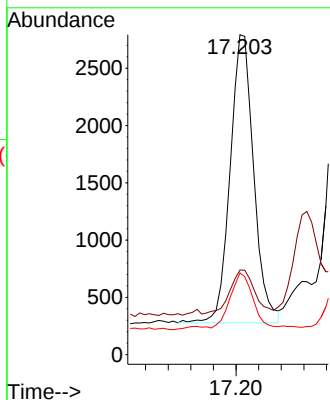
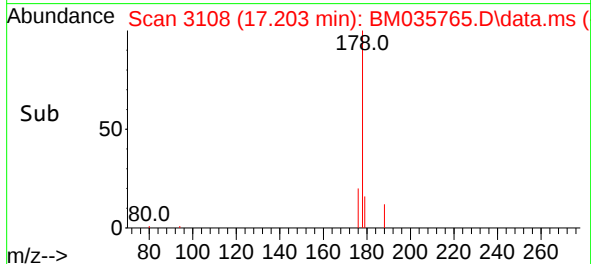
Instrument :
BNA_M
ClientSampleId :
EW4T5RE



Tgt Ion:178 Resp: 3642
Ion Ratio Lower Upper
178 100
179 26.4 13.0 19.6
176 25.5 15.6 23.4

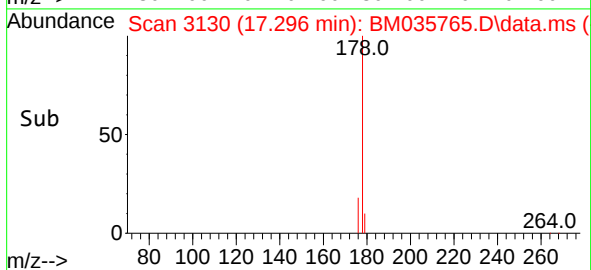
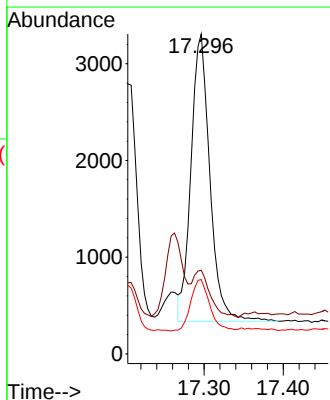
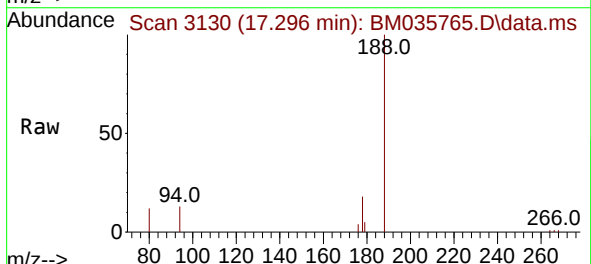
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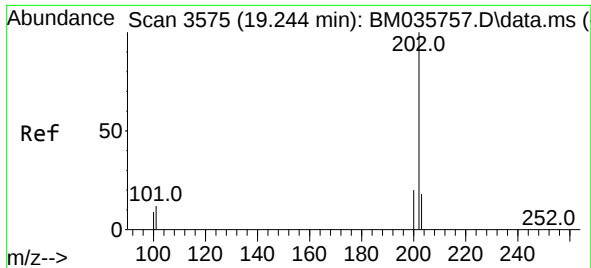
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#16
Anthracene
Concen: 0.107 ng/u1
RT: 17.296 min Scan# 3130
Delta R.T. -0.051 min
Lab File: BM035765.D
Acq: 29 Jun 2022 17:37

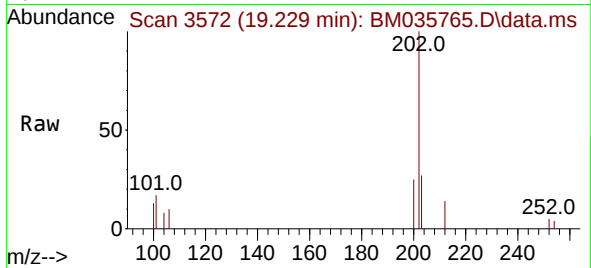
Tgt Ion:178 Resp: 4930
Ion Ratio Lower Upper
178 100
179 26.2 13.6 20.4
176 23.3 15.6 23.4





#19
Fluoranthene
Concen: 0.129 ng/ul
RT: 19.229 min Scan# 3572
Delta R.T. -0.019 min
Lab File: BM035765.D
Acq: 29 Jun 2022 17:37

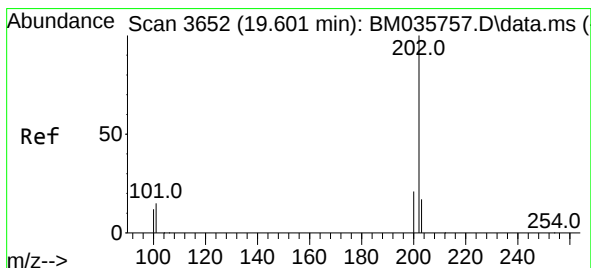
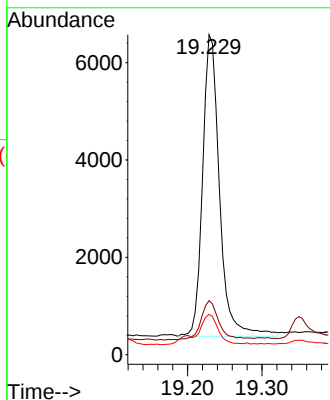
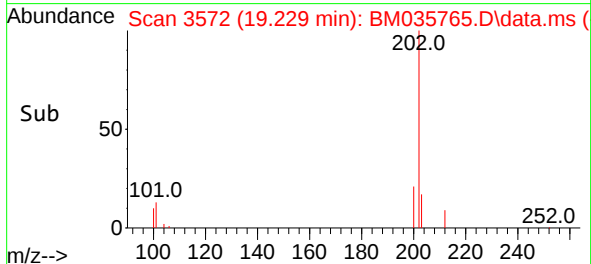
Instrument :
BNA_M
ClientSampleId :
EW4T5RE



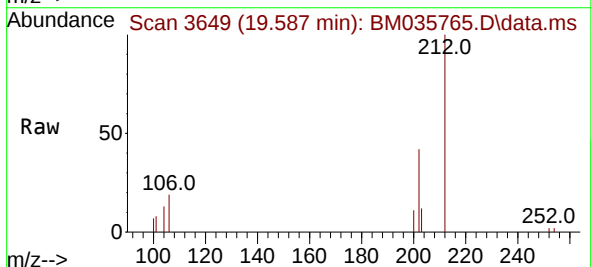
Tgt Ion:202 Resp: 9779
Ion Ratio Lower Upper
202 100
101 16.9 10.1 15.1#
100 12.6 7.9 11.9#

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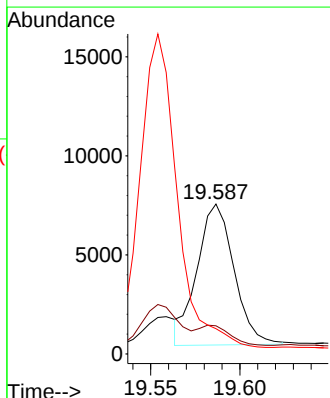
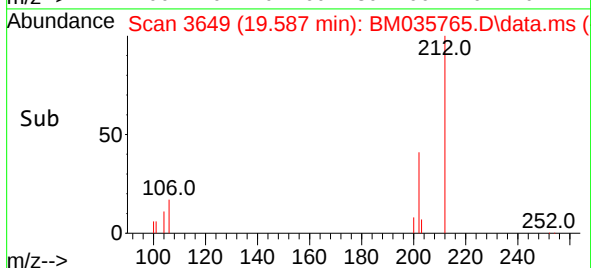
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

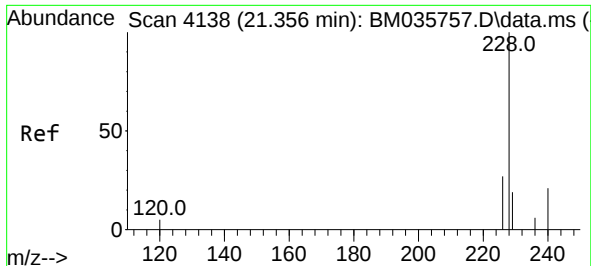


#20
Pyrene
Concen: 0.121 ng/ul m
RT: 19.587 min Scan# 3649
Delta R.T. -0.024 min
Lab File: BM035765.D
Acq: 29 Jun 2022 17:37



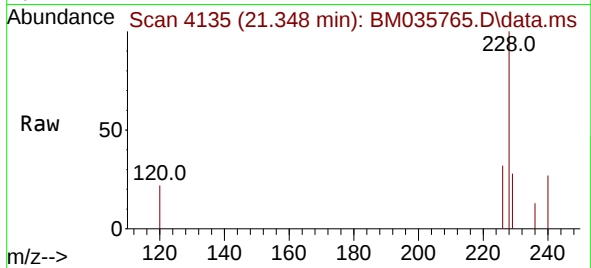
Tgt Ion:202 Resp: 10259
Ion Ratio Lower Upper
202 100
101 18.8 12.0 18.0#
100 16.9 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.254 ng/u1
RT: 21.348 min Scan# 4135
Delta R.T. -0.014 min
Lab File: BM035765.D
Acq: 29 Jun 2022 17:37

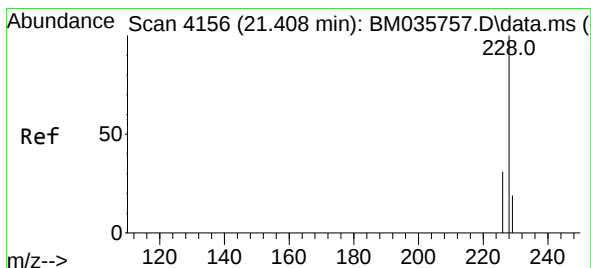
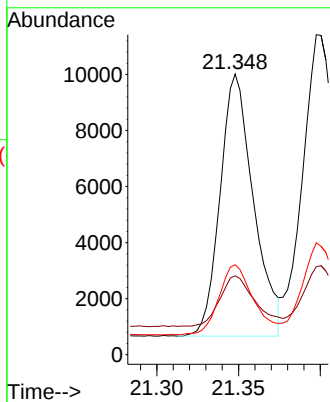
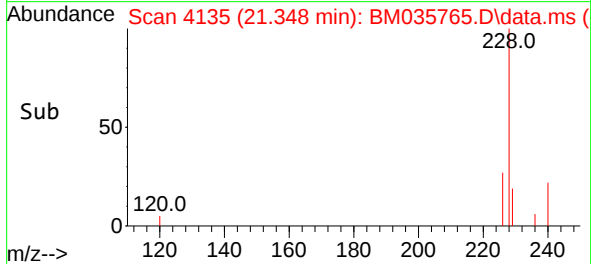
Instrument :
BNA_M
ClientSampleId :
EW4T5RE



Tgt Ion:228 Resp: 13320
Ion Ratio Lower Upper
228 100
229 28.1 16.2 24.2
226 32.0 22.5 33.7

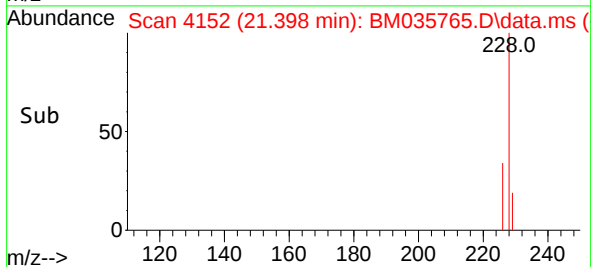
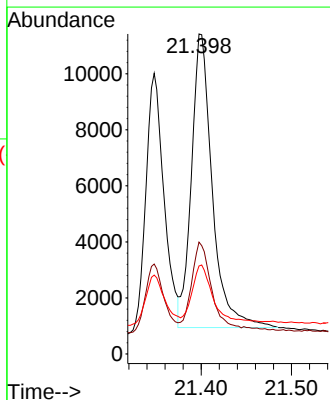
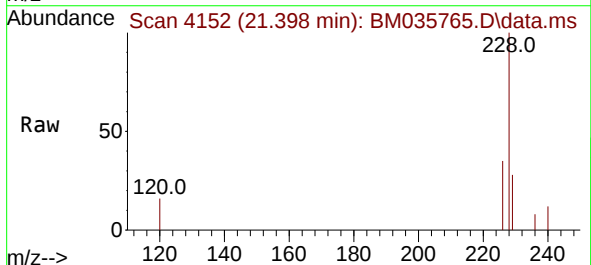
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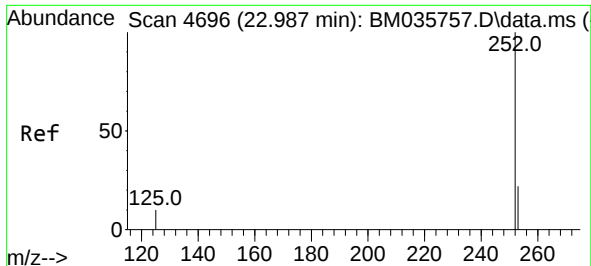
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#22
Chrysene
Concen: 0.250 ng/u1
RT: 21.398 min Scan# 4152
Delta R.T. -0.011 min
Lab File: BM035765.D
Acq: 29 Jun 2022 17:37

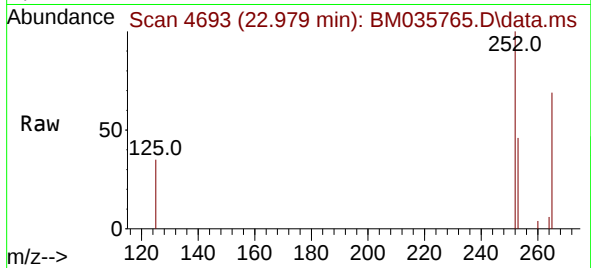
Tgt Ion:228 Resp: 16831
Ion Ratio Lower Upper
228 100
226 35.0 24.6 37.0
229 27.5 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.240 ng/ul
RT: 22.979 min Scan# 4708
Delta R.T. -0.011 min
Lab File: BM035765.D
Acq: 29 Jun 2022 17:37

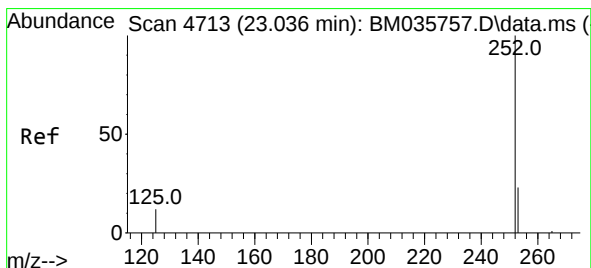
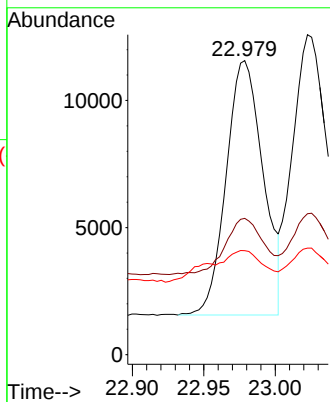
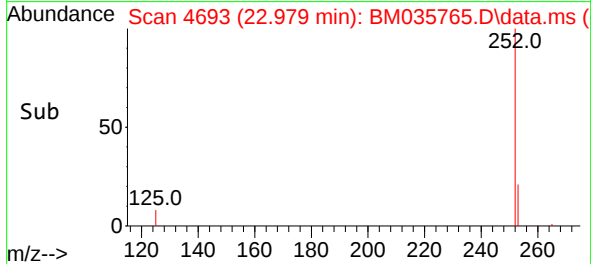
Instrument :
BNA_M
ClientSampleId :
EW4T5RE



Tgt Ion:252 Resp: 1803
Ion Ratio Lower Upper
252 100
253 46.4 0.0 61.4
125 35.4 0.0 42.6

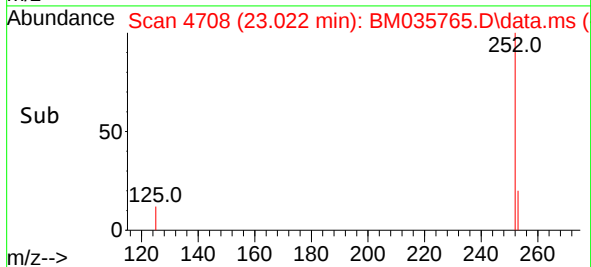
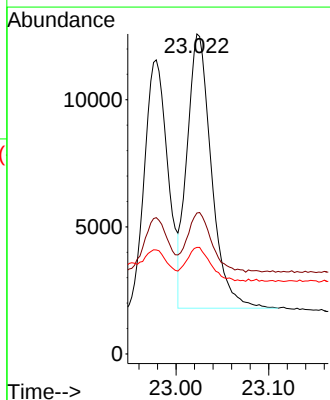
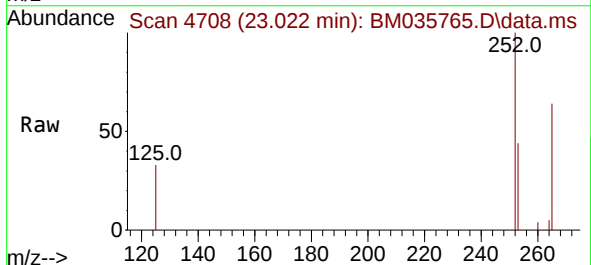
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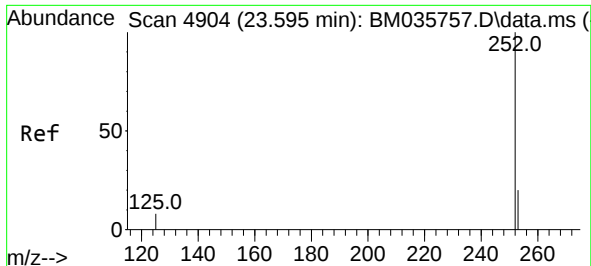
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#25
Benzo(k)fluoranthene
Concen: 0.256 ng/ul
RT: 23.022 min Scan# 4708
Delta R.T. -0.017 min
Lab File: BM035765.D
Acq: 29 Jun 2022 17:37

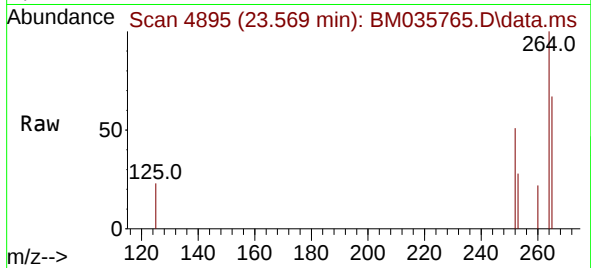
Tgt Ion:252 Resp: 19703
Ion Ratio Lower Upper
252 100
253 44.0 25.2 37.8#
125 33.3 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.206 ng/ul
RT: 23.569 min Scan# 41
Delta R.T. -0.031 min
Lab File: BM035765.D
Acq: 29 Jun 2022 17:37

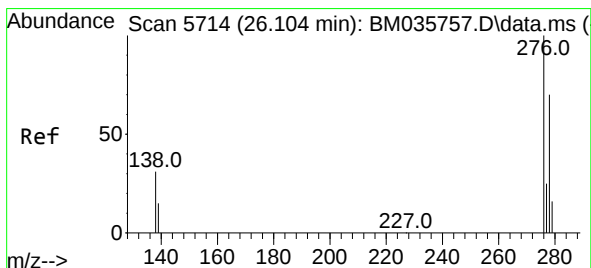
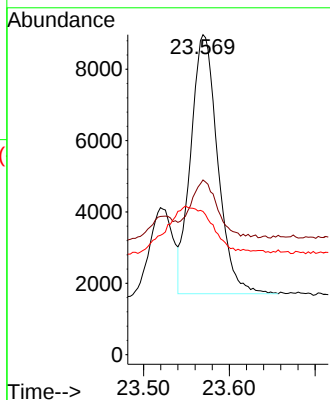
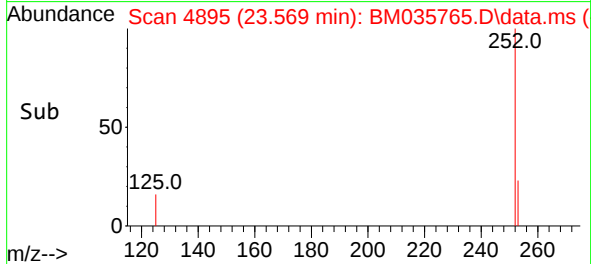
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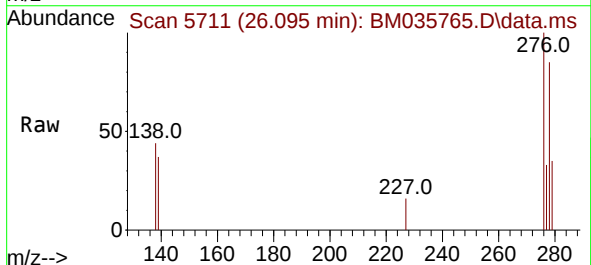
Tgt Ion:252 Resp: 15814
Ion Ratio Lower Upper
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253 54.6 29.7 44.5
125 44.8 23.6 35.4

Manual Integrations
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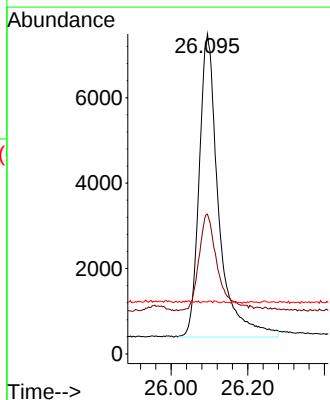
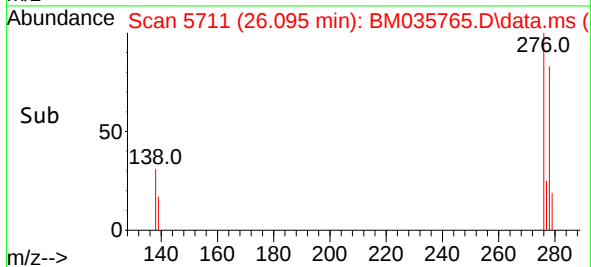
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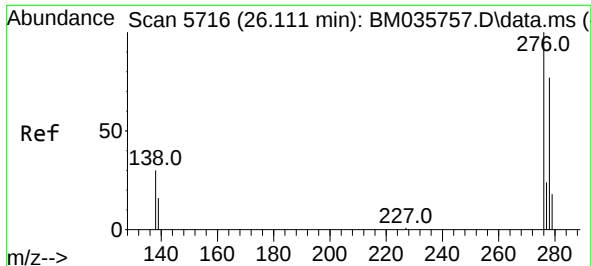


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul
RT: 26.095 min Scan# 5711
Delta R.T. -0.012 min
Lab File: BM035765.D
Acq: 29 Jun 2022 17:37



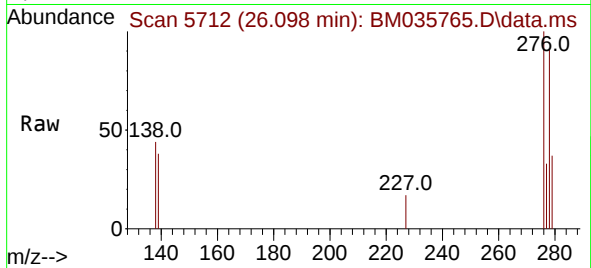
Tgt Ion:276 Resp: 25052
Ion Ratio Lower Upper
276 100
138 30.0 23.9 35.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 26.098 min Scan# 51
Delta R.T. -0.026 min
Lab File: BM035765.D
Acq: 29 Jun 2022 17:37

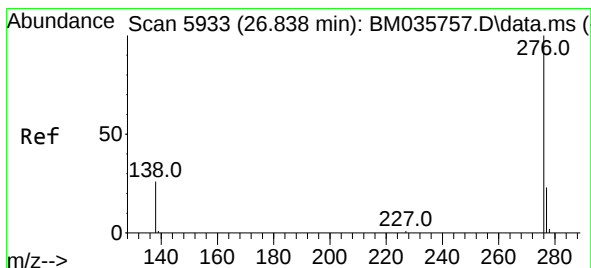
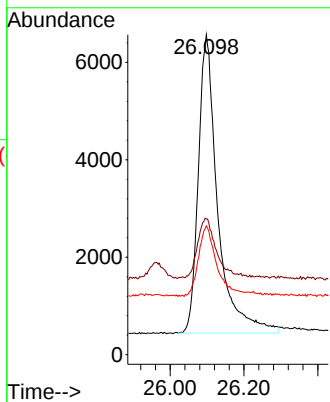
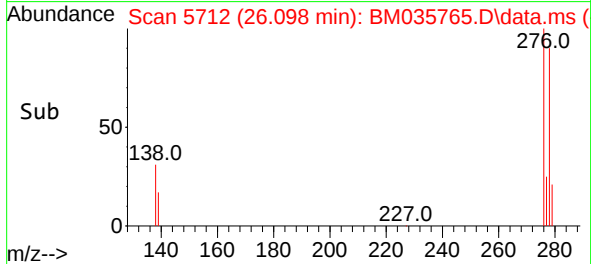
Instrument :
BNA_M
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EW4T5RE



Tgt Ion:278 Resp: 2230
Ion Ratio Lower Upper
278 100
139 42.4 19.8 29.6
279 40.3 27.7 41.5

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.285 ng/ul
RT: 26.829 min Scan# 5930
Delta R.T. -0.016 min
Lab File: BM035765.D
Acq: 29 Jun 2022 17:37

Tgt Ion:276 Resp: 22009
Ion Ratio Lower Upper
276 100
138 41.7 23.4 35.0#
277 32.8 21.0 31.4#

