

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037652.D
 Acq On : 22 Nov 2022 21:21
 Operator : CG/JU
 Sample : N5577-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C9840

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
 Supervised By :mohammad ahmed 11/25/2022

Quant Time: Nov 22 22:53:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	7538	0.400	ng/ul	0.00
4) Naphthalene-d8	10.946	136	23386	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.746	164	14804	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.478	188	31712	0.400	ng/ul	0.00
17) Chrysene-d12	21.637	240	24046	0.400	ng/ul	# 0.00
23) Perylene-d12	24.121	264	24904	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	36598	4.176	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.519	152	8473	0.219	ng/ul	0.00
18) Fluoranthene-d10	19.489	212	20556	0.259	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.520	178	9528	0.088	ng/ul	97
19) Fluoranthene	19.521	202	18618	0.160	ng/ul#	95
20) Pyrene	19.879	202	14678m	0.122	ng/ul	
21) Benzo(a)anthracene	21.619	228	7007	0.065	ng/ul	94
22) Chrysene	21.672	228	7425	0.070	ng/ul#	94
24) Benzo(b)fluoranthene	23.358	252	10448	0.092	ng/ul#	33
25) Benzo(k)fluoranthene	23.402	252	3694m	0.032	ng/ul	
26) Benzo(a)pyrene	24.010	252	6318	0.064	ng/ul#	11
27) Indeno(1,2,3-cd)pyrene	26.725	276	4627	0.035	ng/ul#	85
29) Benzo(g,h,i)perylene	27.526	276	3600	0.032	ng/ul#	71

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

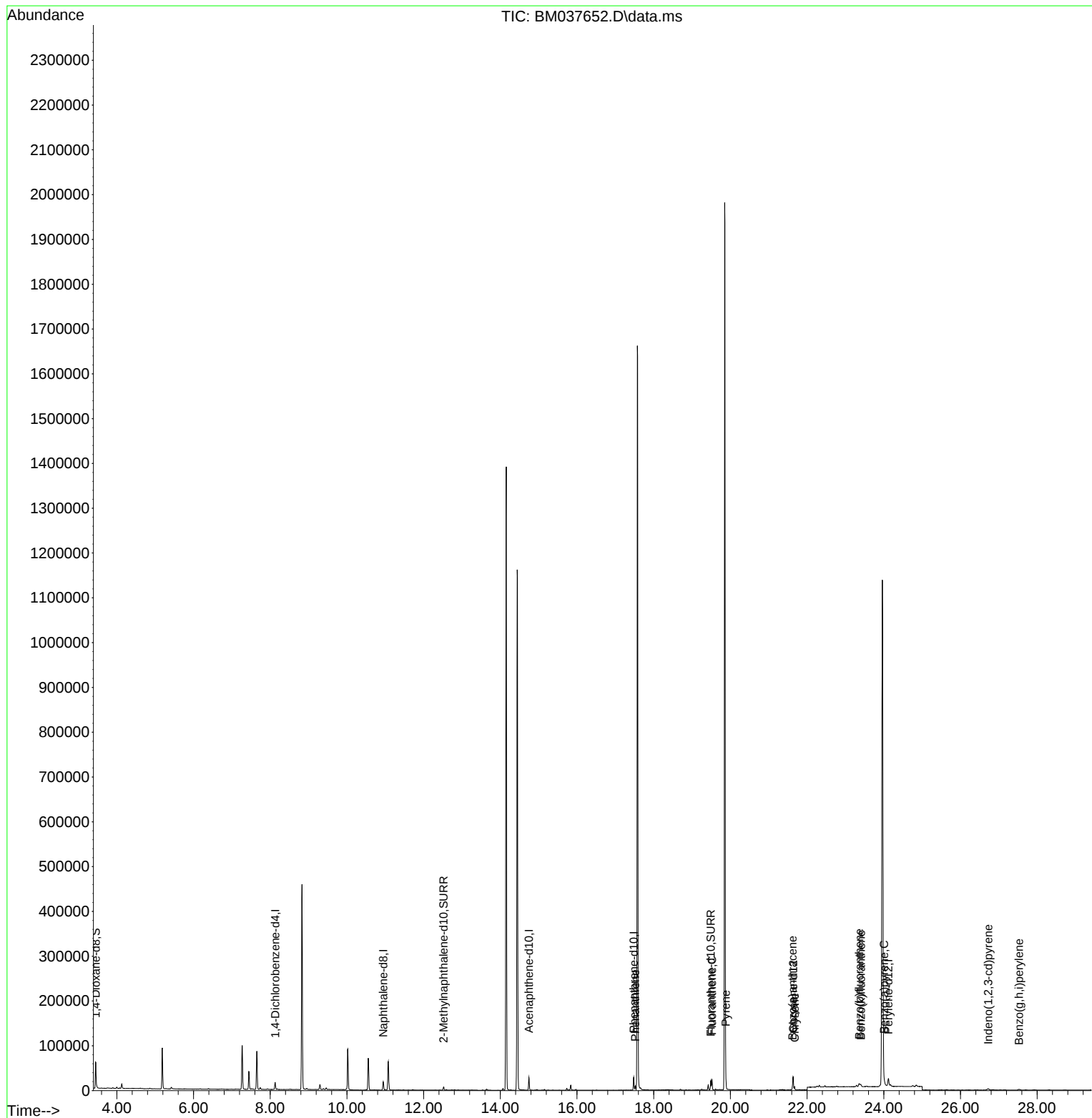
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
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ALS Vial : 52 Sample Multiplier: 1

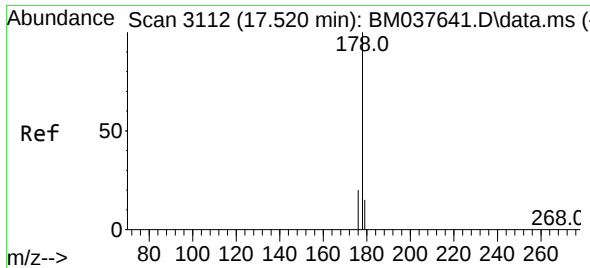
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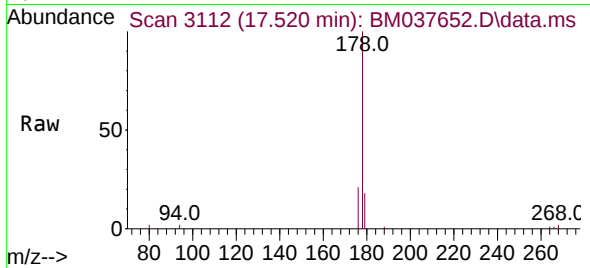
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.088 ng/ul
RT: 17.520 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM037652.D
Acq: 22 Nov 2022 21:21

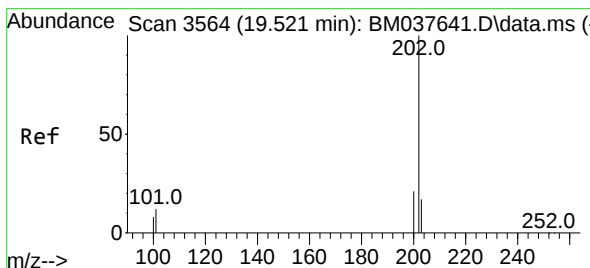
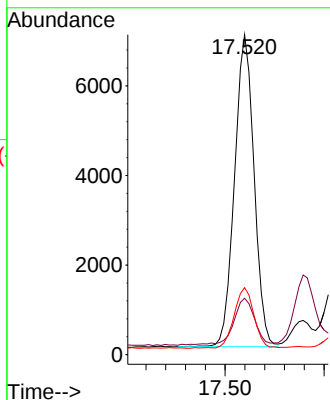
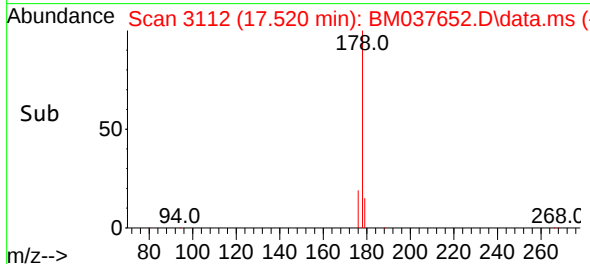
Instrument :
BNA_M
ClientSampleId :
C9840



Tgt Ion:178 Resp: 9528
Ion Ratio Lower Upper
178 100
179 17.7 12.6 18.8
176 21.0 16.0 24.0

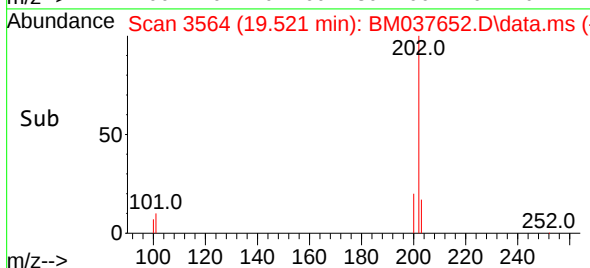
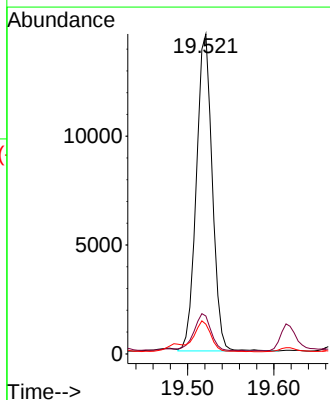
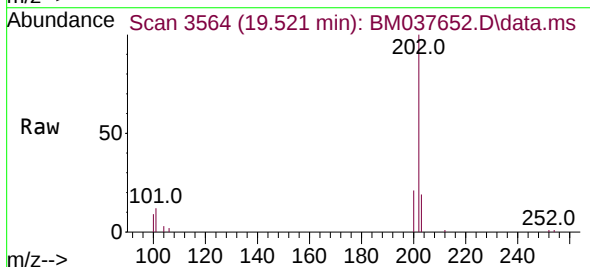
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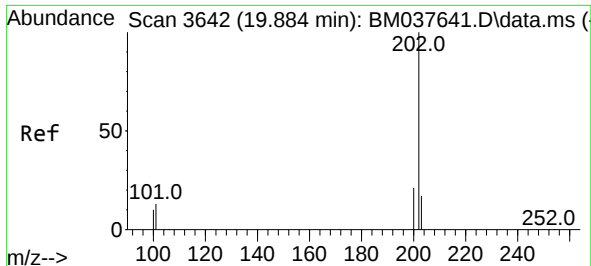
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#19
Fluoranthene
Concen: 0.160 ng/ul
RT: 19.521 min Scan# 3564
Delta R.T. -0.000 min
Lab File: BM037652.D
Acq: 22 Nov 2022 21:21

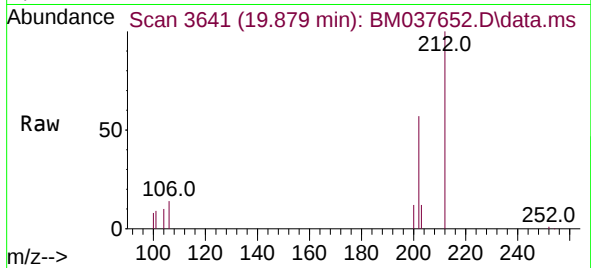
Tgt Ion:202 Resp: 18618
Ion Ratio Lower Upper
202 100
101 11.8 8.2 12.2
100 9.3 6.1 9.1#





#20
Pyrene
Concen: 0.122 ng/ul m
RT: 19.879 min Scan# 3642
Delta R.T. -0.005 min
Lab File: BM037652.D
Acq: 22 Nov 2022 21:21

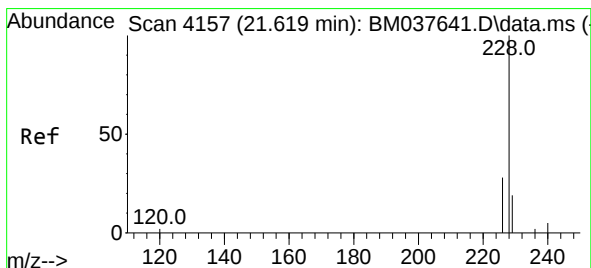
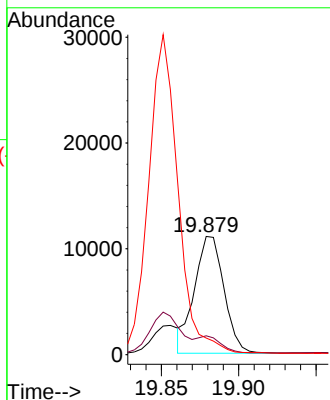
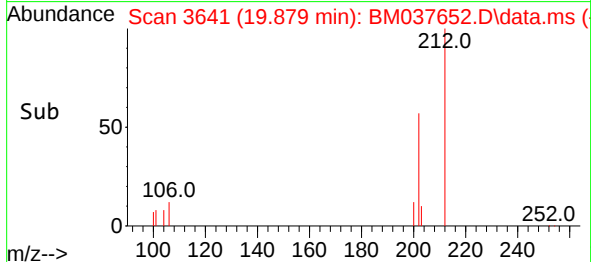
Instrument :
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ClientSampleId :
C9840



Tgt Ion:202 Resp: 14678
Ion Ratio Lower Upper
202 100
101 15.9 10.1 15.1
100 14.0 8.0 12.0

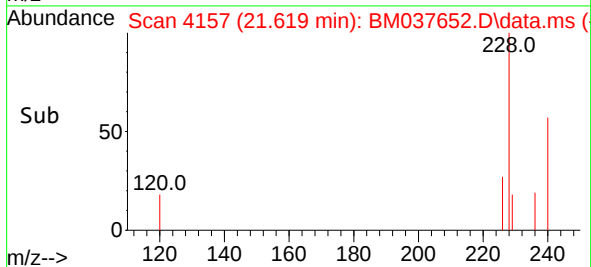
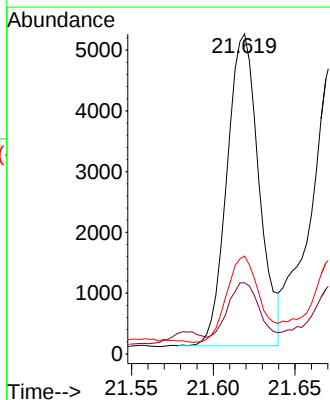
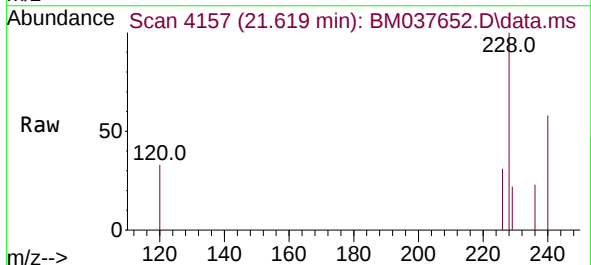
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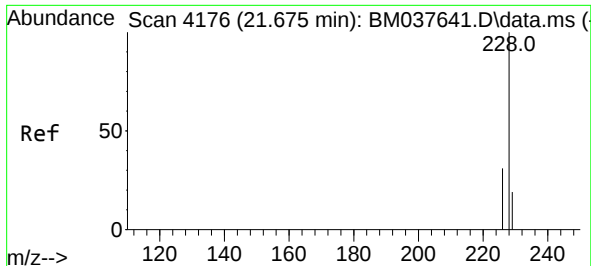
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#21
Benzo(a)anthracene
Concen: 0.065 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037652.D
Acq: 22 Nov 2022 21:21

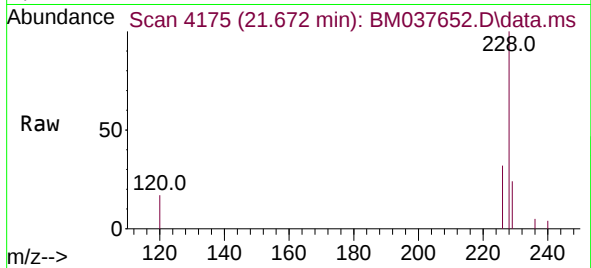
Tgt Ion:228 Resp: 7007
Ion Ratio Lower Upper
228 100
229 22.2 15.7 23.5
226 30.6 22.2 33.2





#22
Chrysene
Concen: 0.070 ng/ul
RT: 21.672 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM037652.D
Acq: 22 Nov 2022 21:21

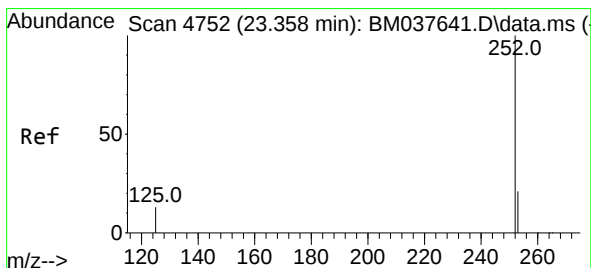
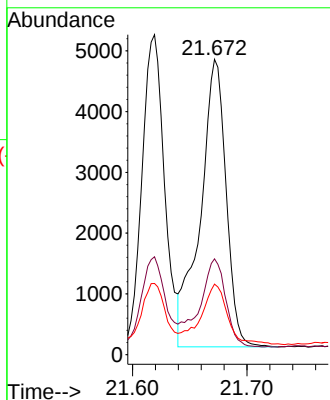
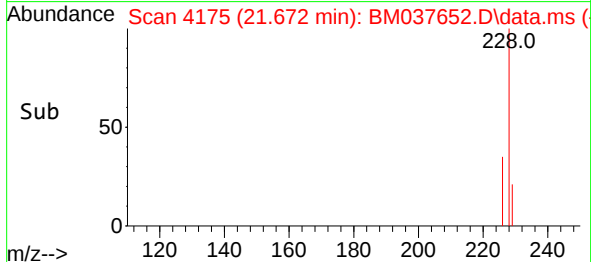
Instrument :
BNA_M
ClientSampleId :
C9840



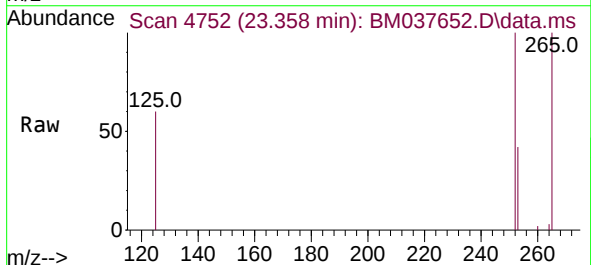
Tgt Ion:228 Resp: 7425
Ion Ratio Lower Upper
228 100
226 32.4 24.6 37.0
229 23.9 15.5 23.3

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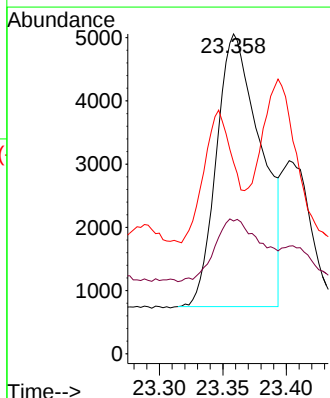
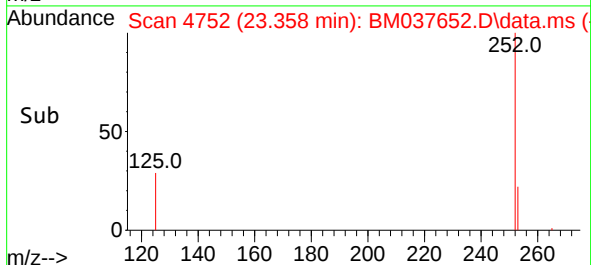
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022

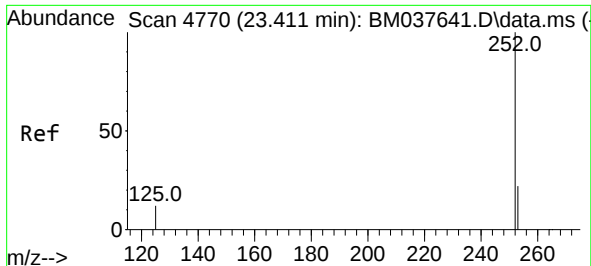


#24
Benzo(b)fluoranthene
Concen: 0.092 ng/ul
RT: 23.358 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM037652.D
Acq: 22 Nov 2022 21:21



Tgt Ion:252 Resp: 10448
Ion Ratio Lower Upper
252 100
253 41.5 0.0 46.2
125 59.8 0.0 23.4





#25

Benzo(k)fluoranthene

Concen: 0.032 ng/ul m

RT: 23.402 min Scan# 4767

Delta R.T. -0.009 min

Lab File: BM037652.D

Acq: 22 Nov 2022 21:21

Instrument :

BNA_M

ClientSampleId :

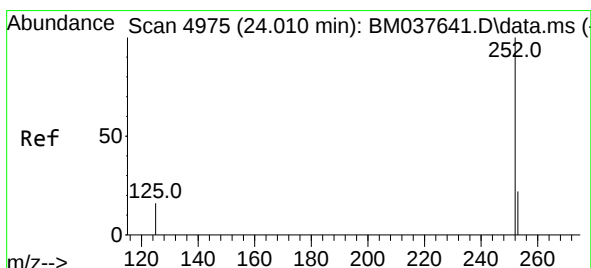
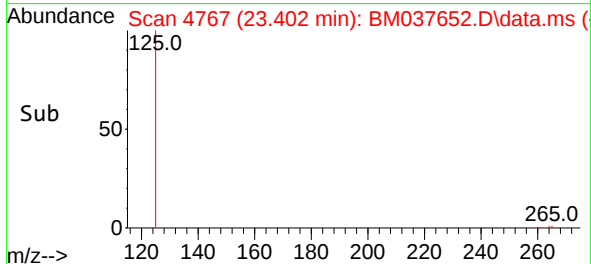
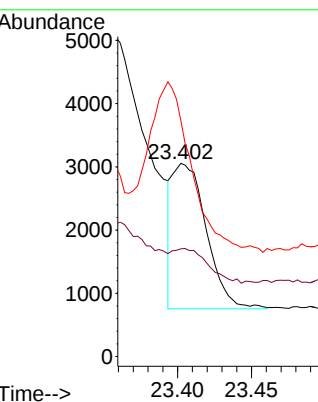
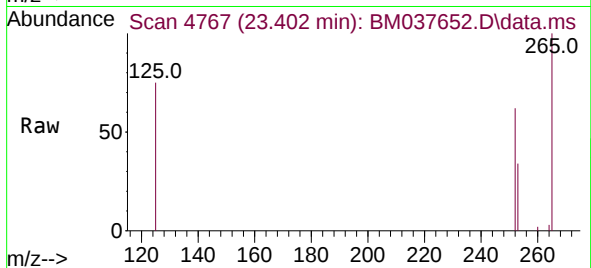
C9840

Tgt Ion:252	Resp:	3694
Ion Ratio	Lower	Upper
252	100	
253	55.8	18.8 28.2#
125	122.2	9.8 14.6#

Manual Integrations

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#26

Benzo(a)pyrene

Concen: 0.064 ng/ul

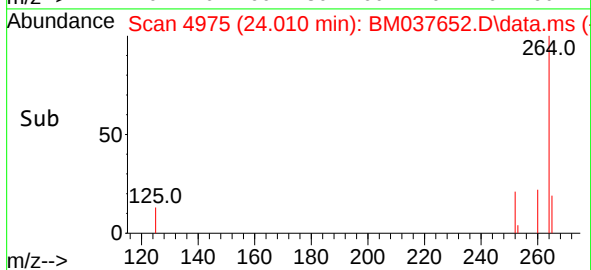
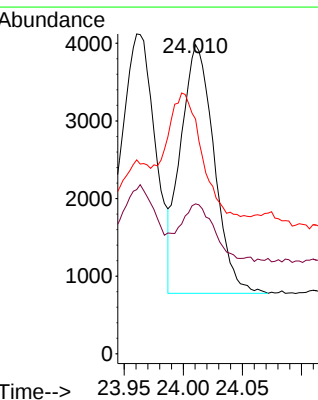
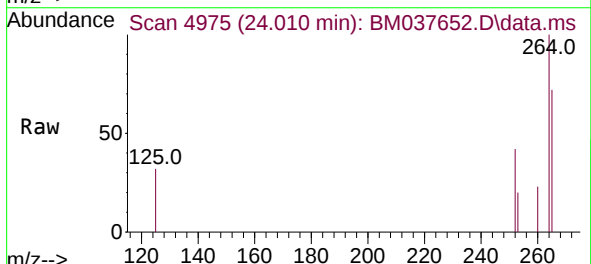
RT: 24.010 min Scan# 4975

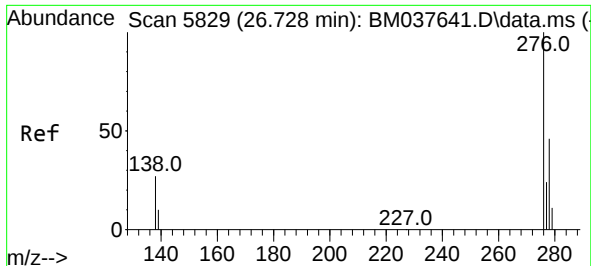
Delta R.T. -0.003 min

Lab File: BM037652.D

Acq: 22 Nov 2022 21:21

Tgt Ion:252	Resp:	6318
Ion Ratio	Lower	Upper
252	100	
253	48.5	18.8 28.2#
125	76.0	10.5 15.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.035 ng/ul

RT: 26.725 min Scan# 5829

Delta R.T. -0.003 min

Lab File: BM037652.D

Acq: 22 Nov 2022 21:21

Instrument :

BNA_M

ClientSampleId :

C9840

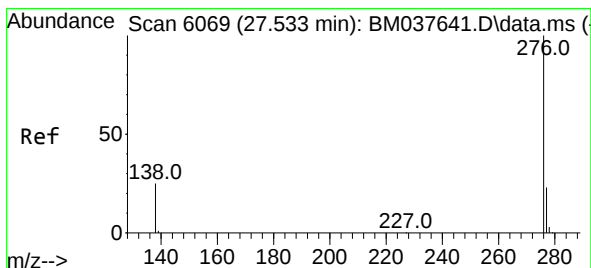
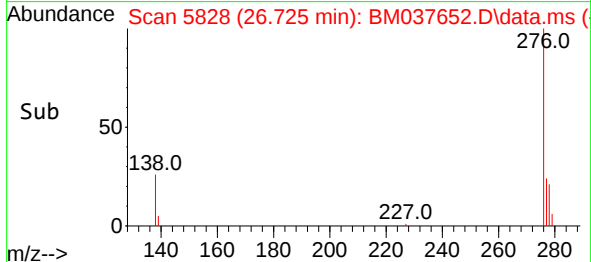
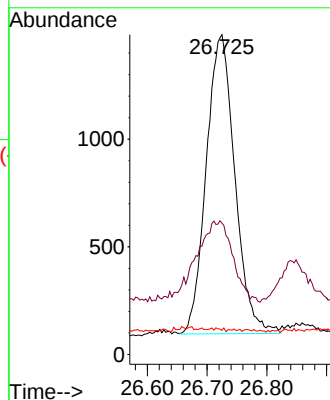
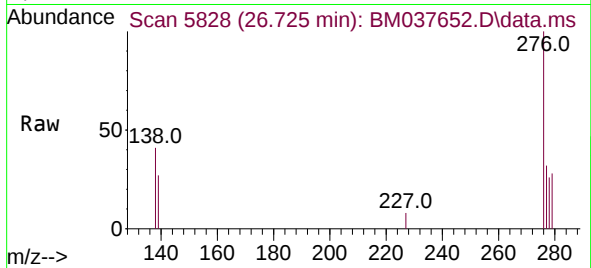
Tgt Ion:276 Resp: 462

Ion	Ratio	Lower	Upper
276	100		
138	34.5	21.2	31.8
227	0.0	0.1	0.1

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#29

Benzo(g,h,i)perylene

Concen: 0.032 ng/ul

RT: 27.526 min Scan# 6067

Delta R.T. -0.007 min

Lab File: BM037652.D

Acq: 22 Nov 2022 21:21

Tgt Ion:276 Resp: 3600

Ion	Ratio	Lower	Upper
276	100		
138	42.5	19.0	28.4
277	34.4	19.4	29.2

