

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037638.D
 Acq On : 22 Nov 2022 12:40
 Operator : CG/JU
 Sample : N5577-18
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C9844

Manual Integrations
 APPROVED

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

Quant Time: Nov 22 13:35:22 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	7440	0.400	ng/ul	0.00
4) Naphthalene-d8	10.947	136	22482	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.747	164	13591	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	29513	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	23526	0.400	ng/ul	# 0.00
23) Perylene-d12	24.127	264	24632	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	52527	6.072	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	10811	0.290	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	27173	0.350	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.807	153	1886	0.036	ng/ul	94
12) Fluorene	15.788	166	2466	0.039	ng/ul	96
15) Phenanthrene	17.521	178	31656	0.314	ng/ul	100
16) Anthracene	17.614	178	7930	0.081	ng/ul	95
19) Fluoranthene	19.523	202	47472	0.418	ng/ul	96
20) Pyrene	19.885	202	43226m	0.366	ng/ul	
21) Benzo(a)anthracene	21.622	228	20666	0.196	ng/ul	97
22) Chrysene	21.674	228	21027m	0.201	ng/ul	
24) Benzo(b)fluoranthene	23.361	252	27218	0.242	ng/ul#	79
25) Benzo(k)fluoranthene	23.408	252	9128m	0.080	ng/ul	
26) Benzo(a)pyrene	24.016	252	19530	0.200	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.728	276	11731	0.091	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.741	278	3093	0.030	ng/ul#	49
29) Benzo(g,h,i)perylene	27.533	276	9424	0.086	ng/ul#	88

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

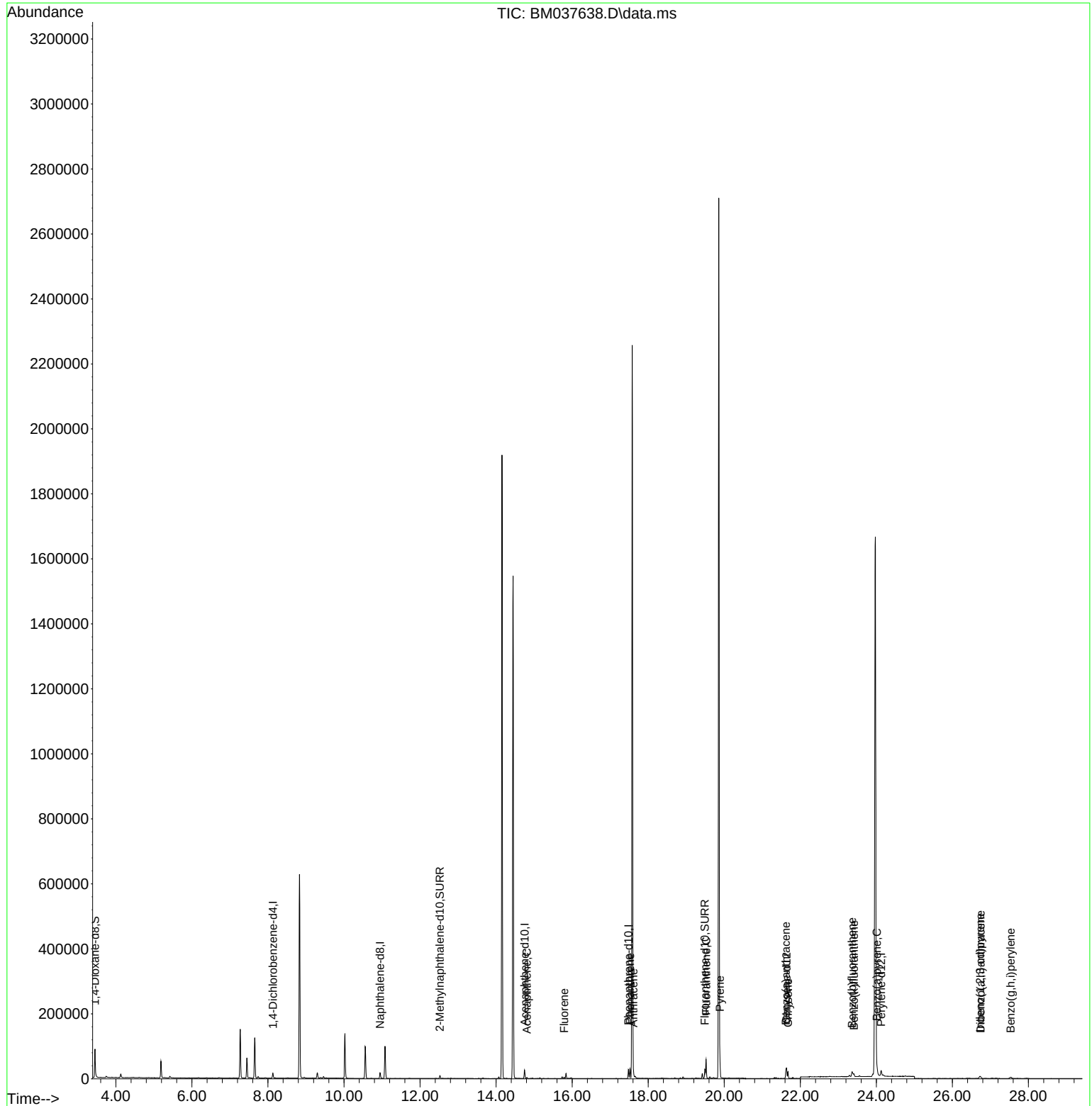
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037638.D
Acq On : 22 Nov 2022 12:40
Operator : CG/JU
Sample : N5577-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

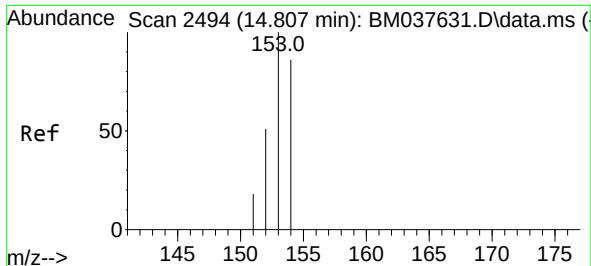
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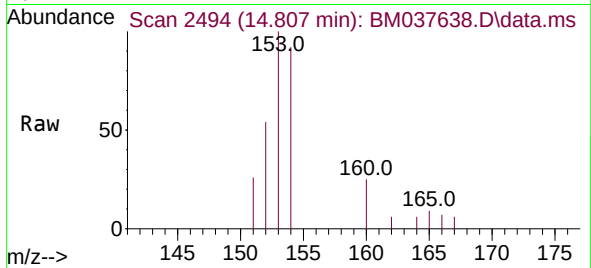
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.807 min Scan# 2494
Delta R.T. -0.003 min
Lab File: BM037638.D
Acq: 22 Nov 2022 12:40

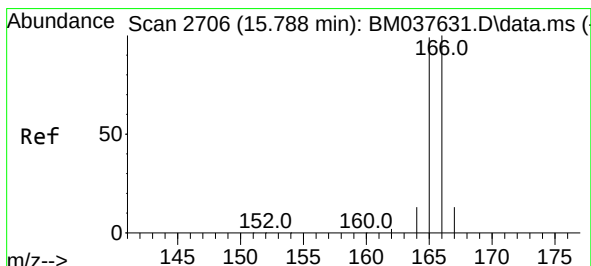
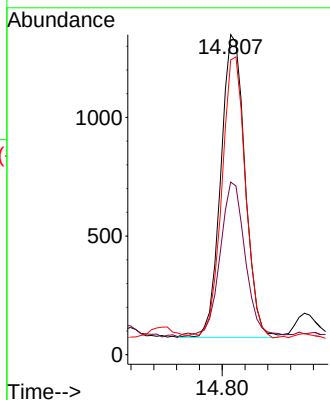
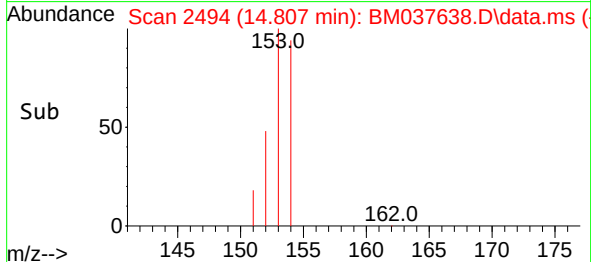
Instrument :
BNA_M
ClientSampleId :
C9844



Tgt Ion:153 Resp: 1886
Ion Ratio Lower Upper
153 100
152 54.0 39.4 59.0
154 92.1 69.5 104.3

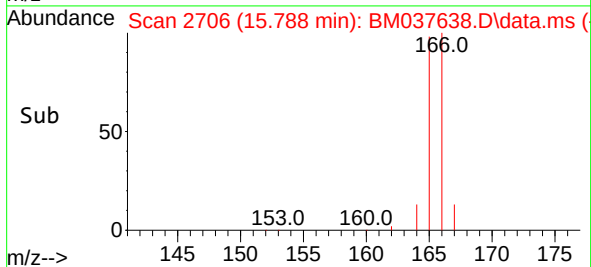
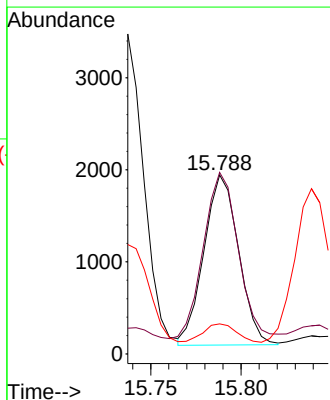
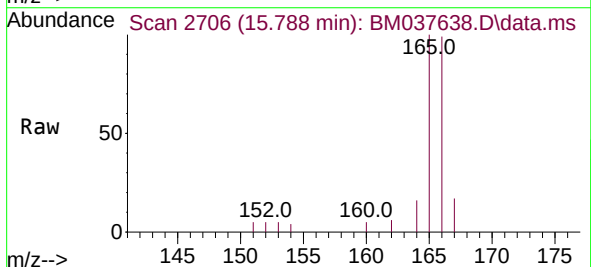
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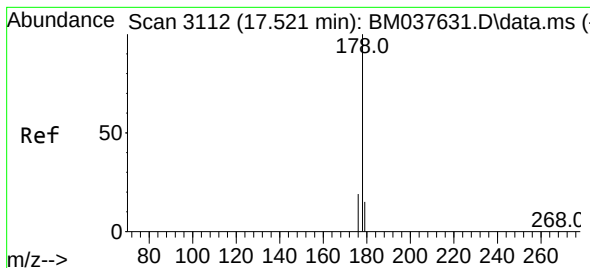
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.788 min Scan# 2706
Delta R.T. 0.001 min
Lab File: BM037638.D
Acq: 22 Nov 2022 12:40

Tgt Ion:166 Resp: 2466
Ion Ratio Lower Upper
166 100
165 101.5 78.7 118.1
167 16.8 11.3 16.9





#15

Phenanthrene

Concen: 0.314 ng/ul

RT: 17.521 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BM037638.D

Acq: 22 Nov 2022 12:40

Instrument :

BNA_M

ClientSampleId :

C9844

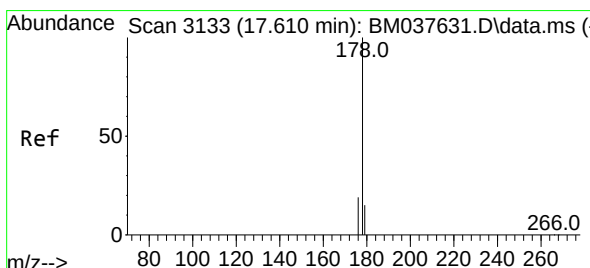
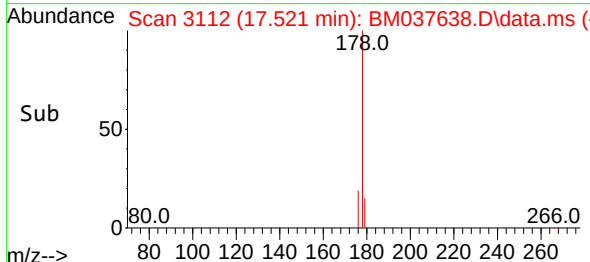
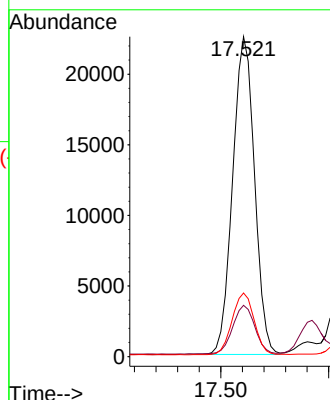
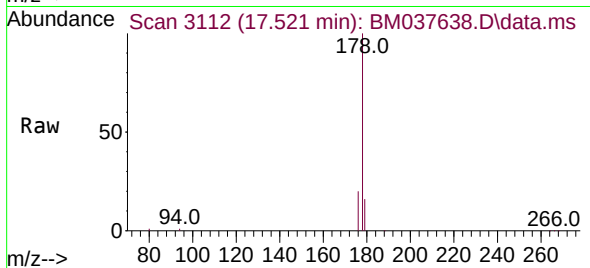
Tgt Ion:178 Resp: 31656

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	19.9	16.0	24.0

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#16

Anthracene

Concen: 0.081 ng/ul

RT: 17.614 min Scan# 3134

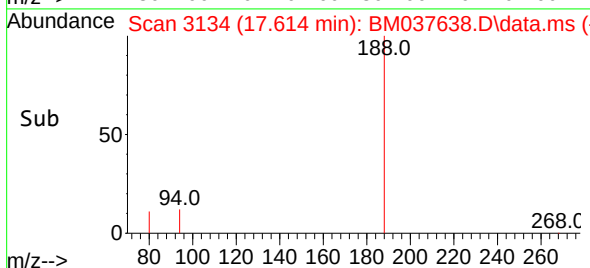
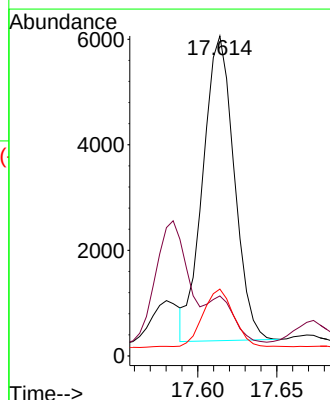
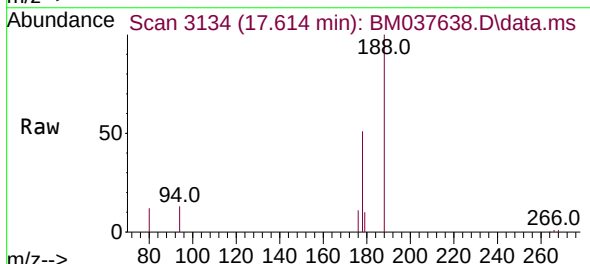
Delta R.T. 0.001 min

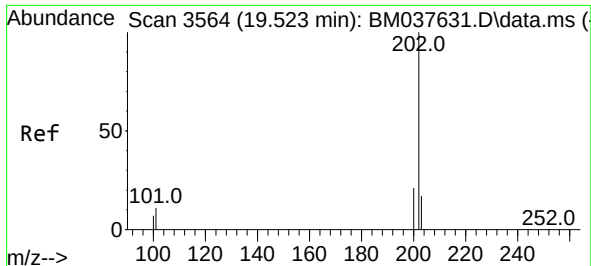
Lab File: BM037638.D

Acq: 22 Nov 2022 12:40

Tgt Ion:178 Resp: 7930

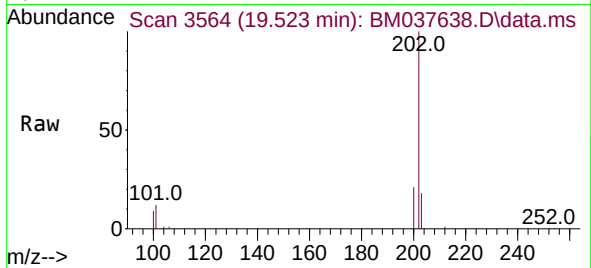
Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.8	19.2
176	20.9	15.0	22.6





#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.523 min Scan# 3564
Delta R.T. 0.001 min
Lab File: BM037638.D
Acq: 22 Nov 2022 12:40

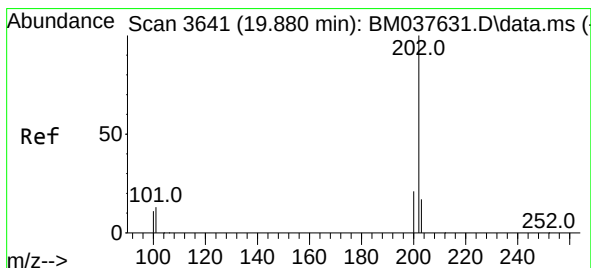
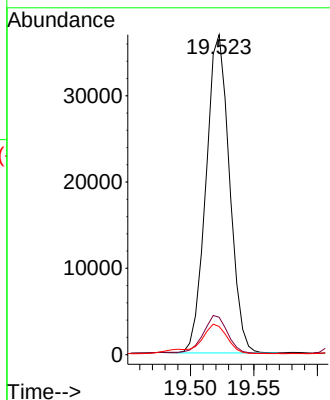
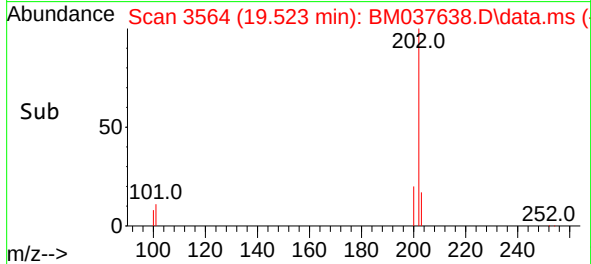
Instrument :
BNA_M
ClientSampleId :
C9844



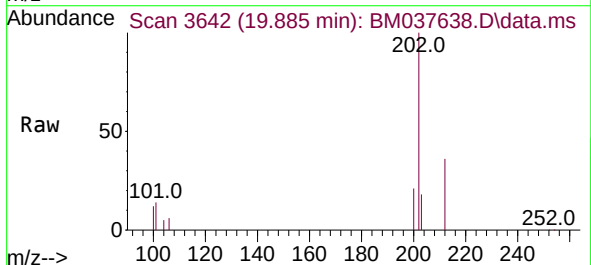
Tgt Ion:202 Resp: 47472
Ion Ratio Lower Upper
202 100
101 11.7 8.2 12.2
100 8.8 6.1 9.1

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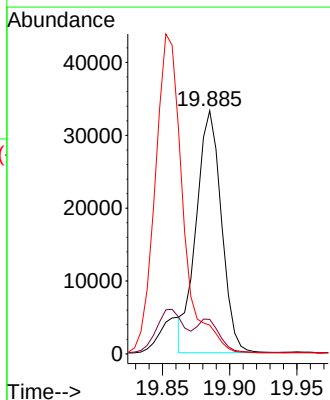
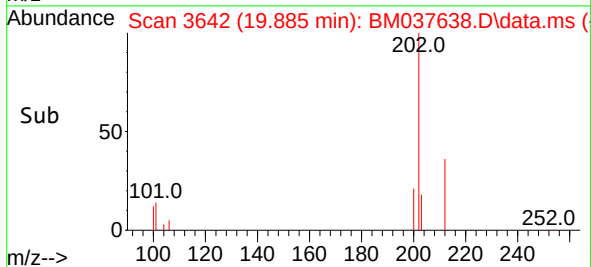
Reviewed By :Jagrut Upadhyay 11/23/2022
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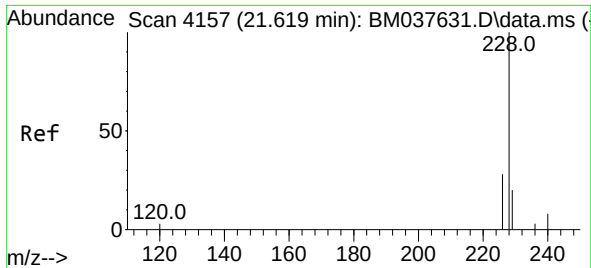


#20
Pyrene
Concen: 0.366 ng/ul m
RT: 19.885 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BM037638.D
Acq: 22 Nov 2022 12:40



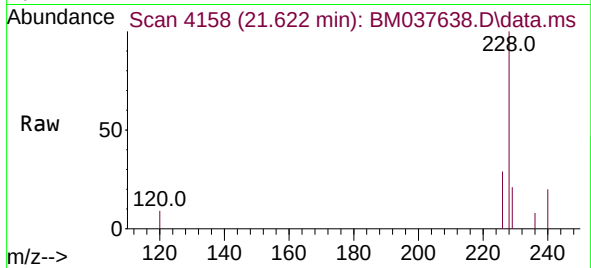
Tgt Ion:202 Resp: 43226
Ion Ratio Lower Upper
202 100
101 14.2 10.1 15.1
100 11.8 8.0 12.0





#21
Benzo(a)anthracene
Concen: 0.196 ng/ul
RT: 21.622 min Scan# 4157
Delta R.T. -0.000 min
Lab File: BM037638.D
Acq: 22 Nov 2022 12:40

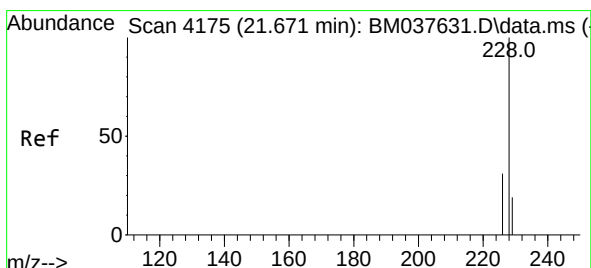
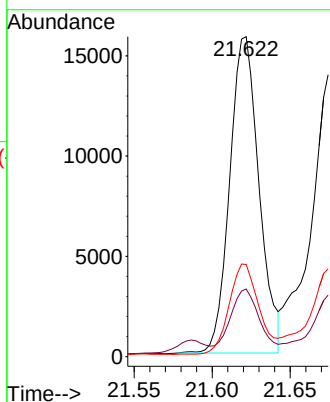
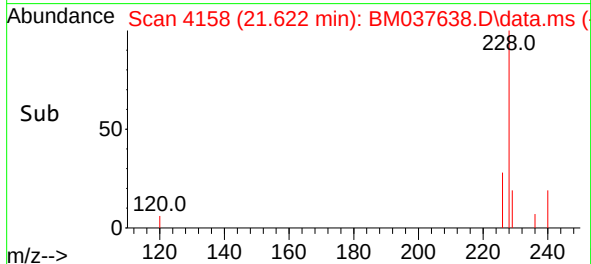
Instrument :
BNA_M
ClientSampleId :
C9844



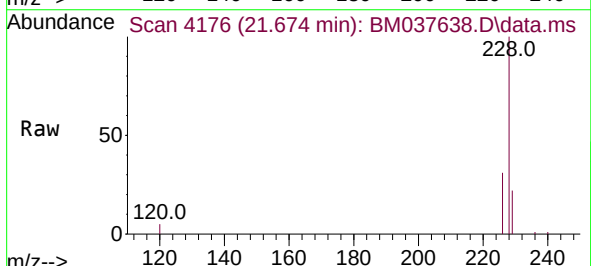
Tgt Ion:228 Resp: 20666
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.8 22.2 33.2

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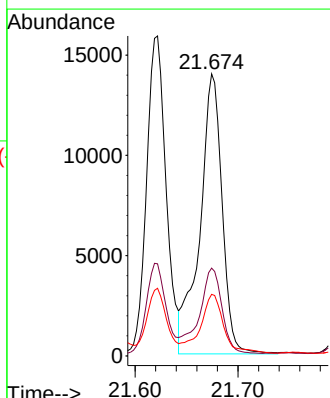
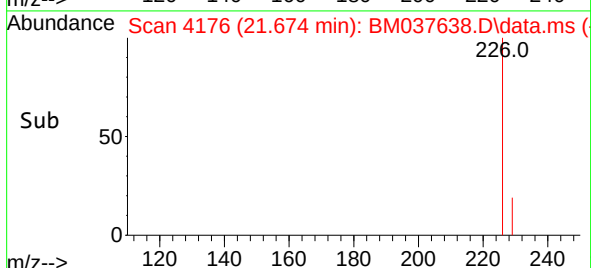
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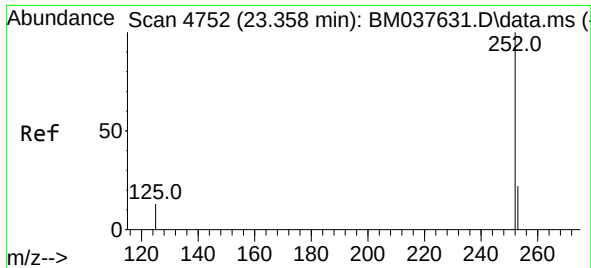


#22
Chrysene
Concen: 0.201 ng/ul m
RT: 21.674 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM037638.D
Acq: 22 Nov 2022 12:40



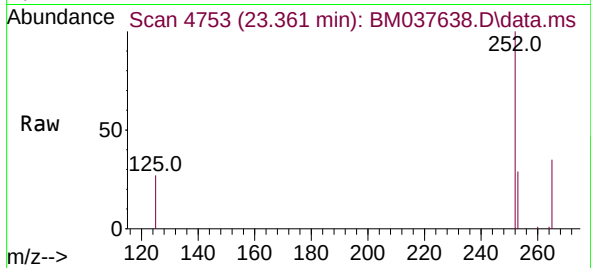
Tgt Ion:228 Resp: 21027
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 21.8 15.5 23.3





#24
Benzo(b)fluoranthene
Concen: 0.242 ng/ul
RT: 23.361 min Scan# 4753
Delta R.T. -0.000 min
Lab File: BM037638.D
Acq: 22 Nov 2022 12:40

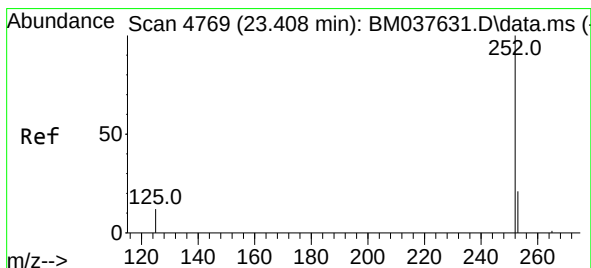
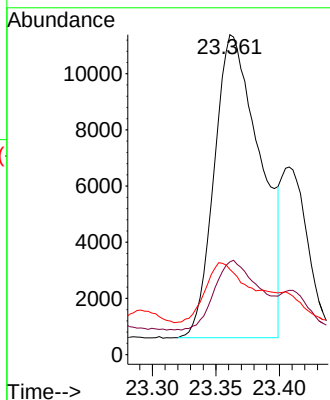
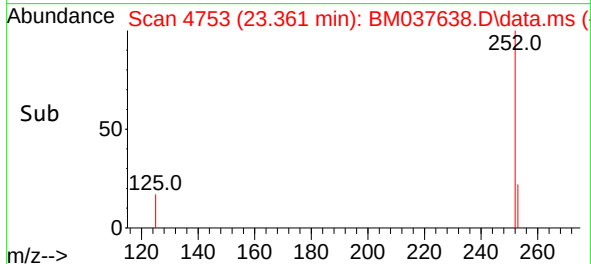
Instrument :
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ClientSampleId :
C9844



Tgt Ion:252 Resp: 27218
Ion Ratio Lower Upper
252 100
253 29.0 0.0 46.2
125 26.6 0.0 23.4

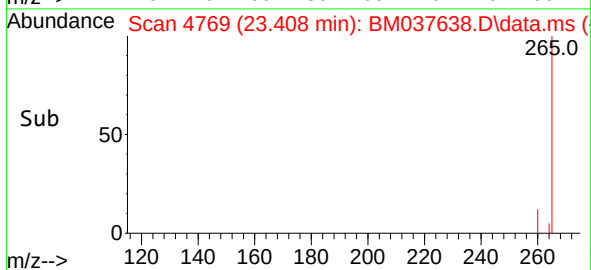
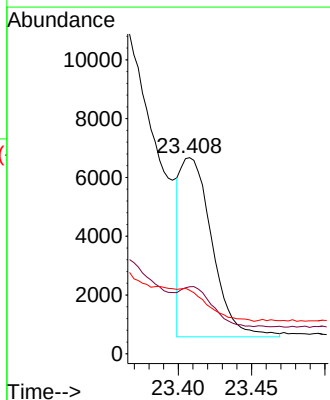
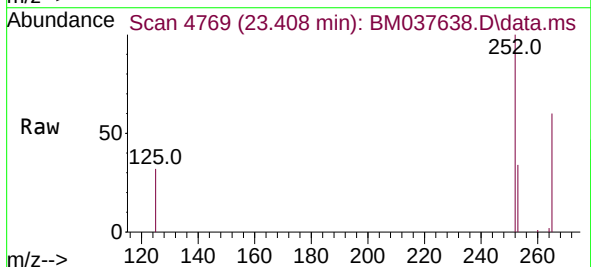
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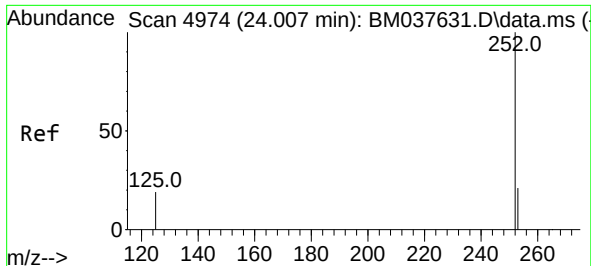
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.080 ng/ul m
RT: 23.408 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM037638.D
Acq: 22 Nov 2022 12:40

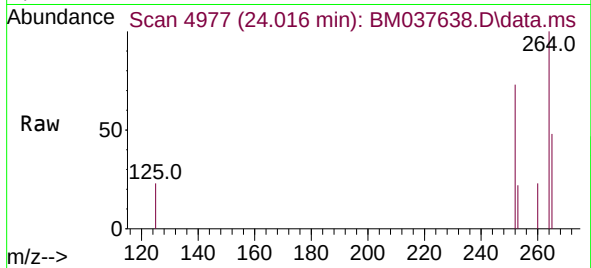
Tgt Ion:252 Resp: 9128
Ion Ratio Lower Upper
252 100
253 34.2 18.8 28.2#
125 32.4 9.8 14.6#





#26
Benzo(a)pyrene
Concen: 0.200 ng/ul
RT: 24.016 min Scan# 4977
Delta R.T. 0.003 min
Lab File: BM037638.D
Acq: 22 Nov 2022 12:40

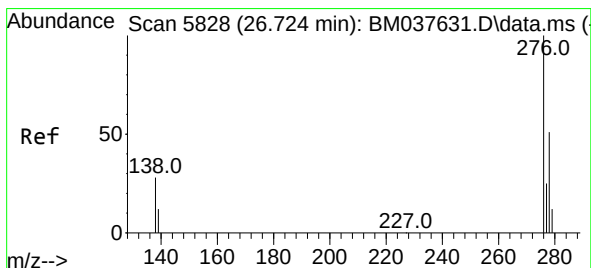
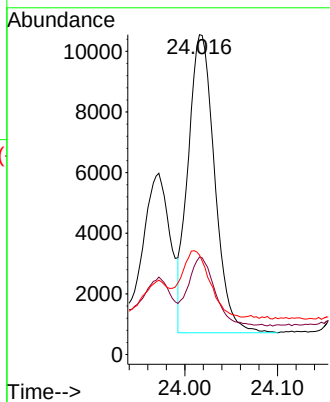
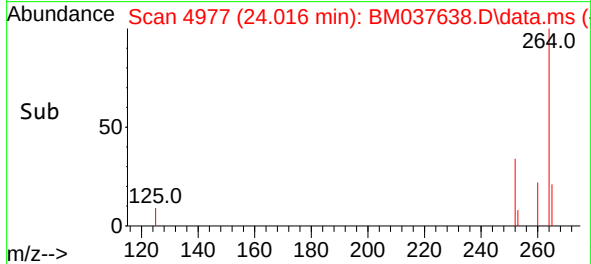
Instrument :
BNA_M
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C9844



Tgt Ion:252 Resp: 19530
Ion Ratio Lower Upper
252 100
253 30.5 18.8 28.2
125 31.1 10.5 15.7

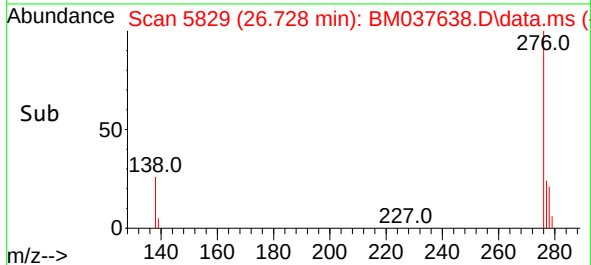
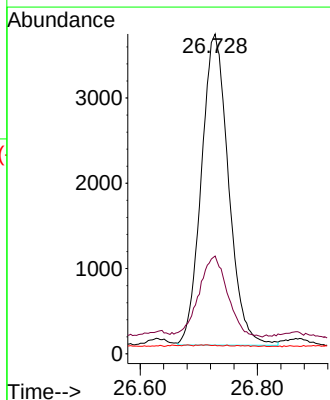
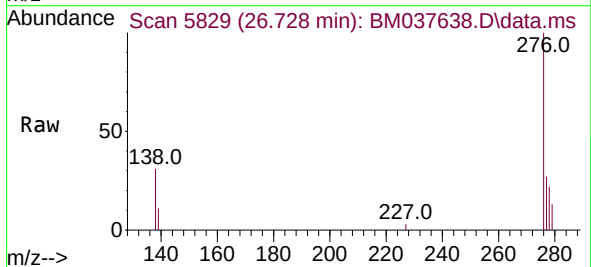
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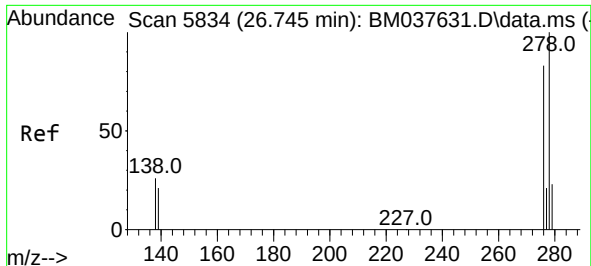
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.091 ng/ul
RT: 26.728 min Scan# 5829
Delta R.T. -0.000 min
Lab File: BM037638.D
Acq: 22 Nov 2022 12:40

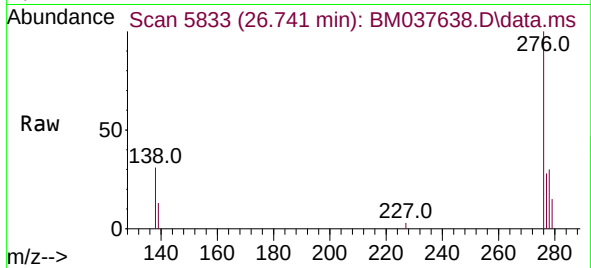
Tgt Ion:276 Resp: 11731
Ion Ratio Lower Upper
276 100
138 27.7 21.2 31.8
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 26.741 min Scan# 5834
Delta R.T. -0.007 min
Lab File: BM037638.D
Acq: 22 Nov 2022 12:40

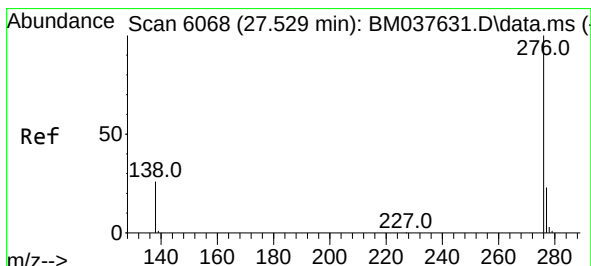
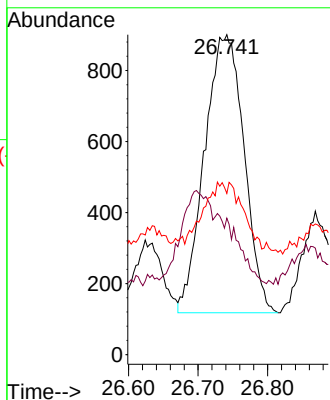
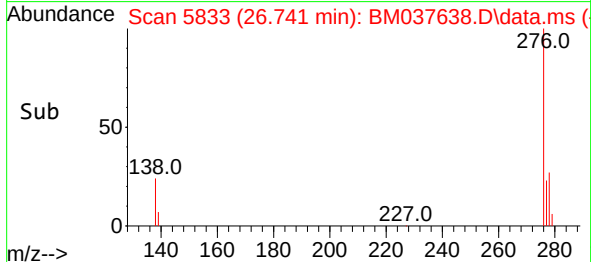
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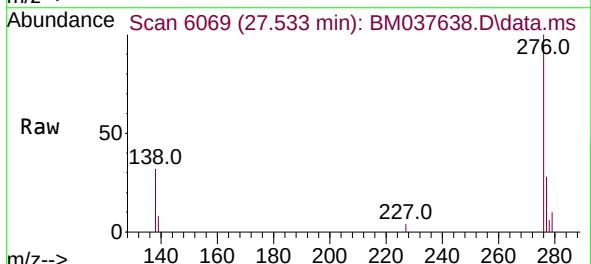
Tgt Ion:278 Resp: 3093
Ion Ratio Lower Upper
278 100
139 42.6 15.2 22.8
279 50.4 20.2 30.2

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.086 ng/ul
RT: 27.533 min Scan# 6069
Delta R.T. -0.000 min
Lab File: BM037638.D
Acq: 22 Nov 2022 12:40



Tgt Ion:276 Resp: 9424
Ion Ratio Lower Upper
276 100
138 31.8 19.0 28.4
277 28.3 19.4 29.2

