

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038214.D
 Acq On : 23 Dec 2022 01:00
 Operator : CG/JU
 Sample : N6008-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXW8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 01:50:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	4842	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	14871	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8566	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	17823	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	12520	0.400	ng/ul	# 0.00
23) Perylene-d12	24.023	264	11471	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	21206	4.305	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	5787	0.264	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	11594	0.247	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.906	128	1445	0.033	ng/ul#	85
7) 2-Methylnaphthalene	12.506	142	712	0.026	ng/ul	97
8) 1-Methylnaphthalene	12.720	142	562	0.020	ng/ul	99
10) Acenaphthylene	14.393	152	1174	0.025	ng/ul#	73
11) Acenaphthene	14.726	153	1049	0.031	ng/ul	97
12) Fluorene	15.712	166	864	0.024	ng/ul#	90
15) Phenanthrene	17.447	178	20160	0.338	ng/ul	100
16) Anthracene	17.536	178	4186	0.073	ng/ul#	92
19) Fluoranthene	19.455	202	49088	0.716	ng/ul	98
20) Pyrene	19.817	202	40054m	0.578	ng/ul	
21) Benzo(a)anthracene	21.556	228	21024	0.383	ng/ul#	91
22) Chrysene	21.612	228	23775	0.445	ng/ul	97
24) Benzo(b)fluoranthene	23.275	252	32453	0.639	ng/ul	99
25) Benzo(k)fluoranthene	23.319	252	11074m	0.227	ng/ul	
26) Benzo(a)pyrene	23.915	252	20261	0.457	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.582	276	15896	0.259	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.589	278	3993	0.084	ng/ul#	48
29) Benzo(g,h,i)perylene	27.377	276	15814	0.306	ng/ul#	93

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

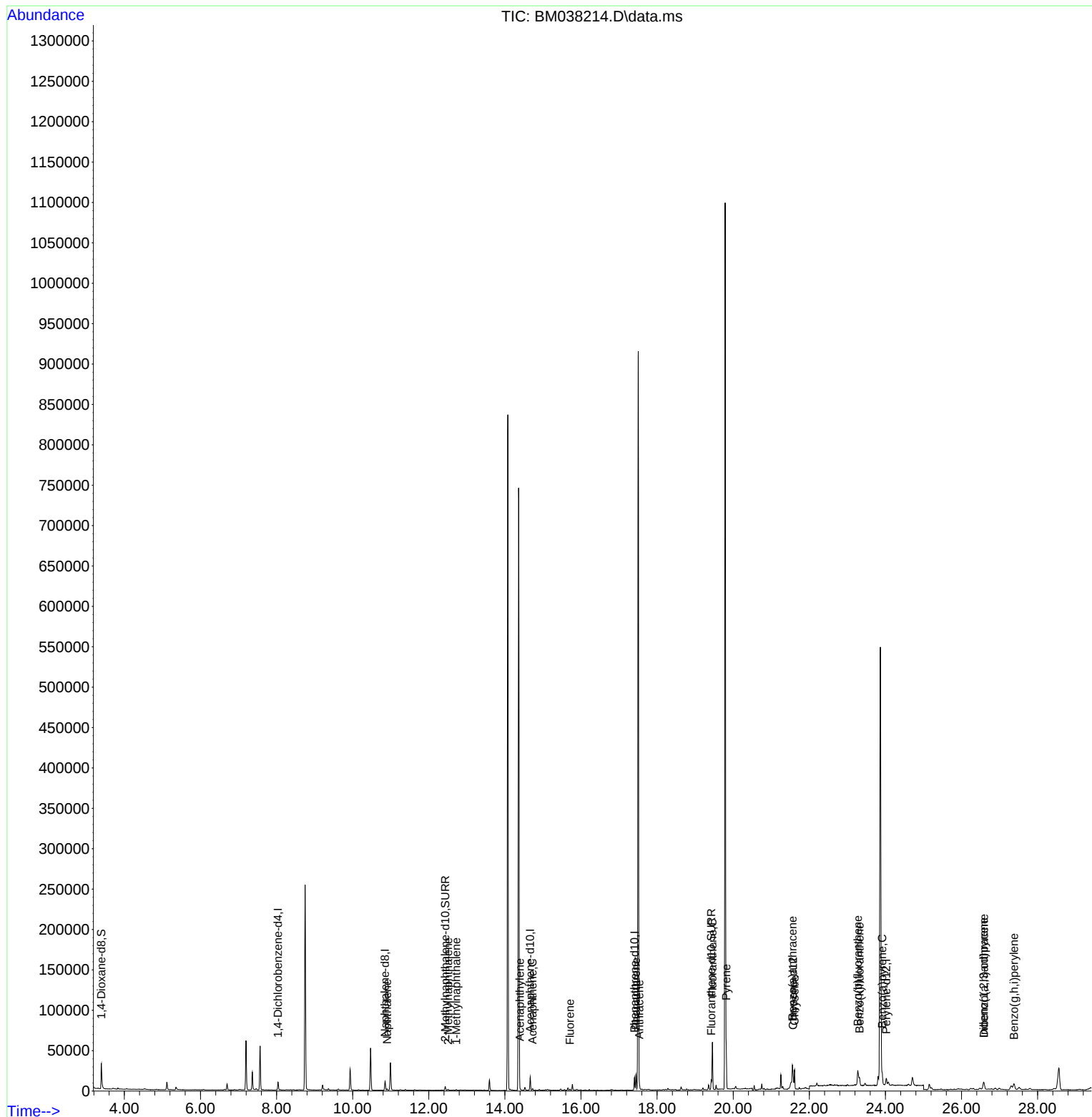
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038214.D
Acq On : 23 Dec 2022 01:00
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ALS Vial : 20 Sample Multiplier: 1

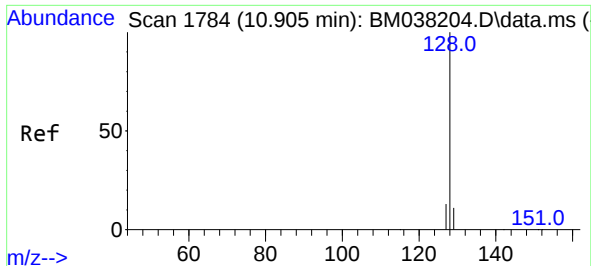
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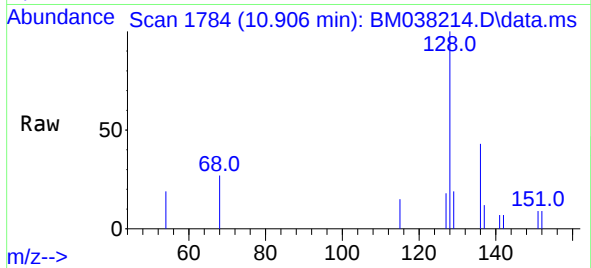
Quant Time: Dec 23 01:50:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

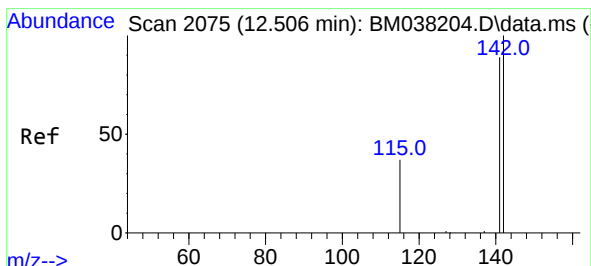
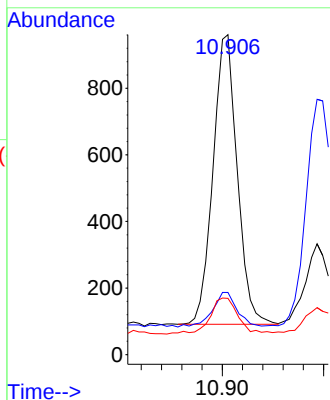
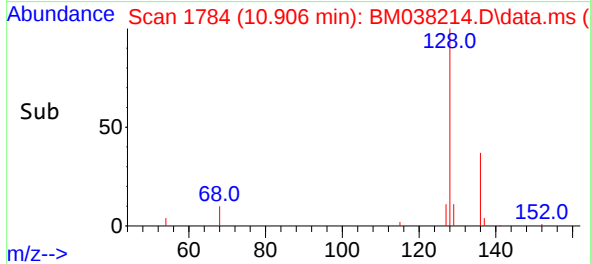
Instrument :
BNA_M
ClientSampleId :
DBXW8



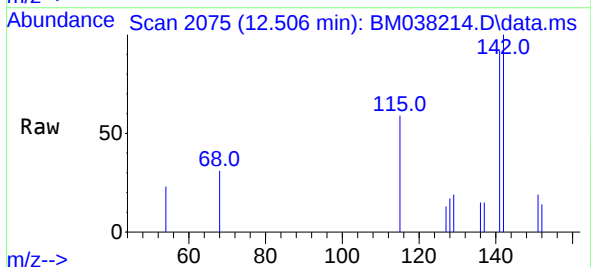
Tgt Ion:128 Resp: 144
Ion Ratio Lower Upper
128 100
129 19.5 9.4 14.0
127 17.6 10.7 16.1

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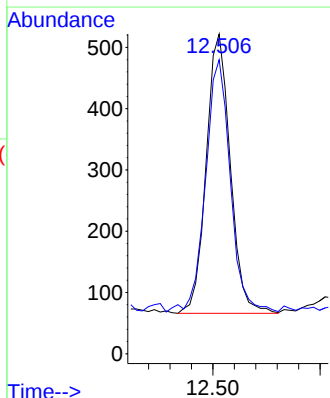
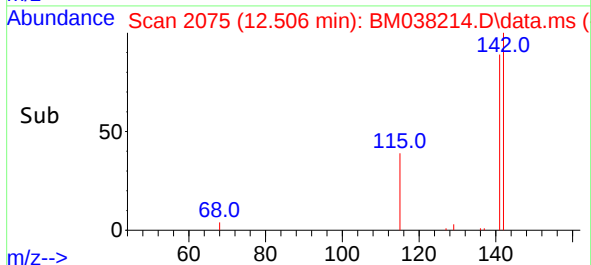
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

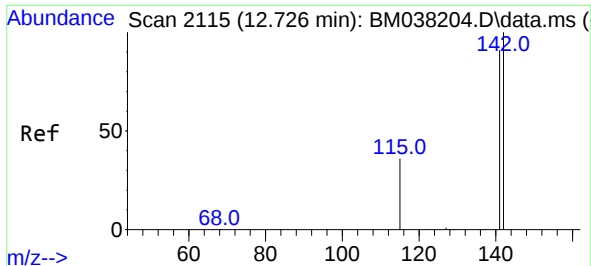


#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00



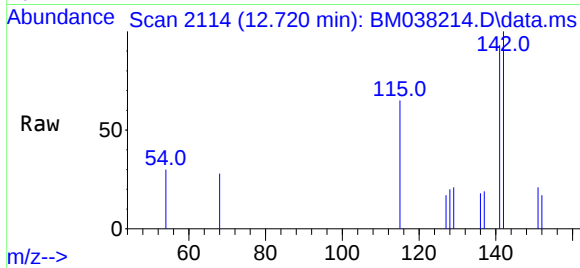
Tgt Ion:142 Resp: 712
Ion Ratio Lower Upper
142 100
141 93.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.720 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

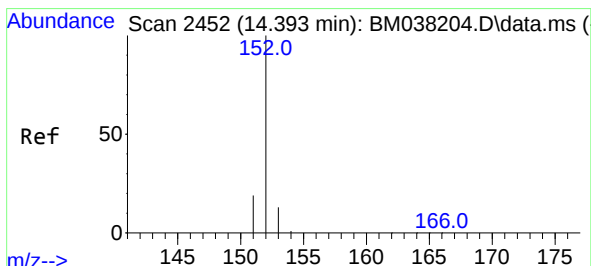
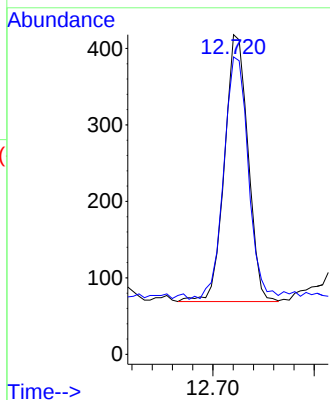
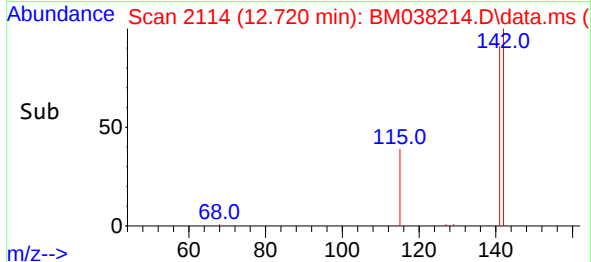
Instrument :
BNA_M
ClientSampleId :
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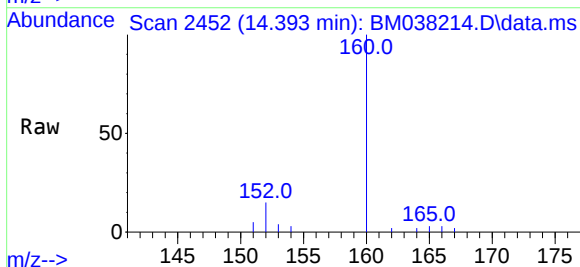
Tgt Ion:142 Resp: 562
Ion Ratio Lower Upper
142 100
141 94.8 74.7 112.1

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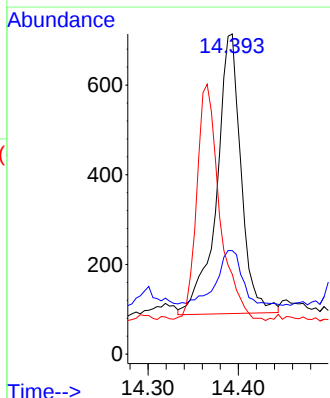
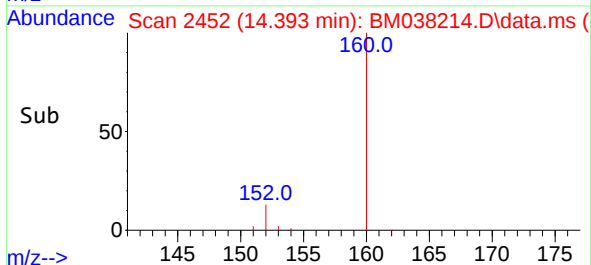
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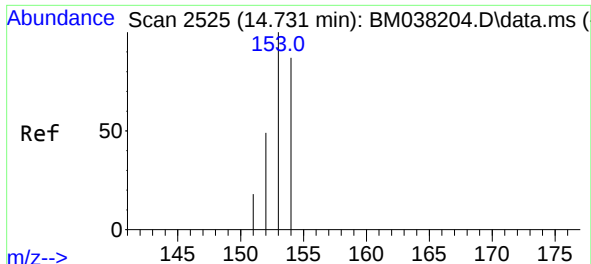


#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.393 min Scan# 2452
Delta R.T. 0.005 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00



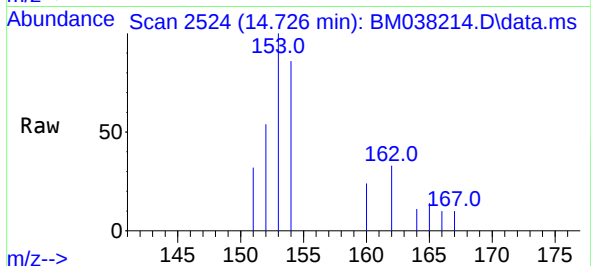
Tgt Ion:152 Resp: 1174
Ion Ratio Lower Upper
152 100
151 32.4 16.2 24.2#
153 24.9 10.7 16.1#





#11
Acenaphthene
Concen: 0.031 ng/u1
RT: 14.726 min Scan# 2524
Delta R.T. -0.004 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

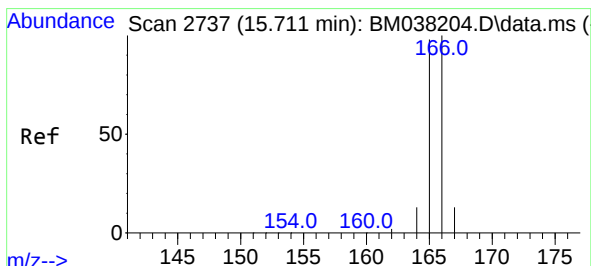
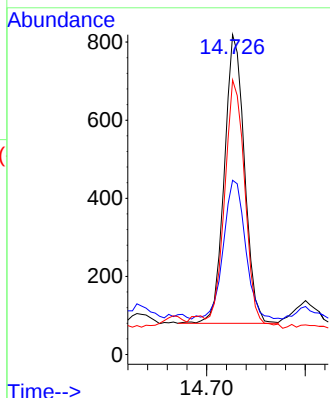
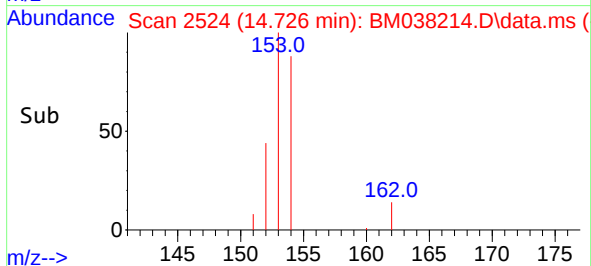
Instrument :
BNA_M
ClientSampleId :
DBXW8



Tgt Ion:153 Resp: 1049
Ion Ratio Lower Upper
153 100
152 54.5 39.4 59.0
154 85.8 69.0 103.4

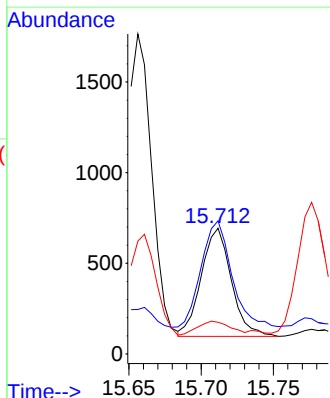
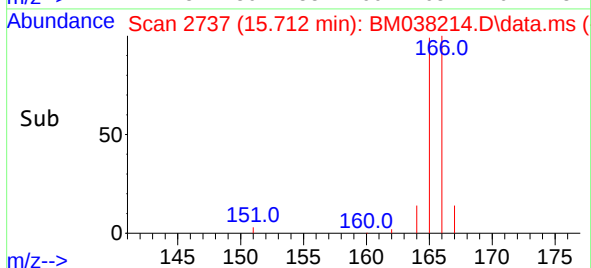
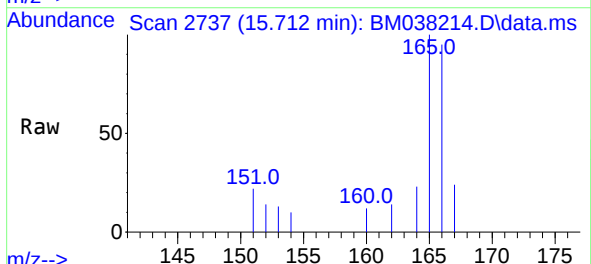
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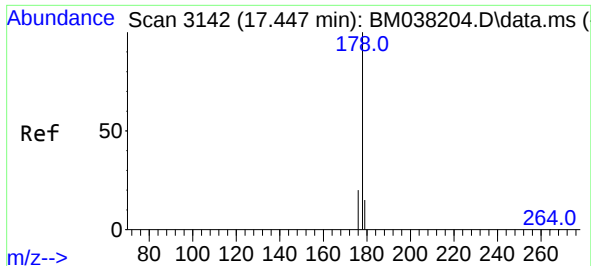
Reviewed By :Jagrut Upadhyay 12/23/2022
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#12
Fluorene
Concen: 0.024 ng/u1
RT: 15.712 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

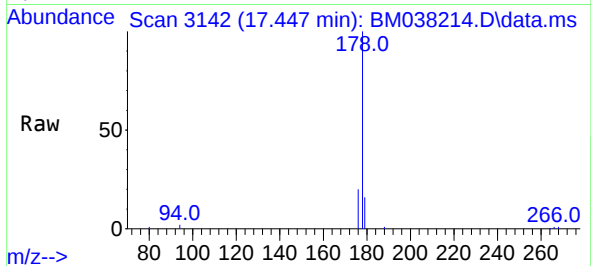
Tgt Ion:166 Resp: 864
Ion Ratio Lower Upper
166 100
165 105.8 79.0 118.6
167 25.2 11.0 16.6#





#15
Phenanthrene
Concen: 0.338 ng/u1
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

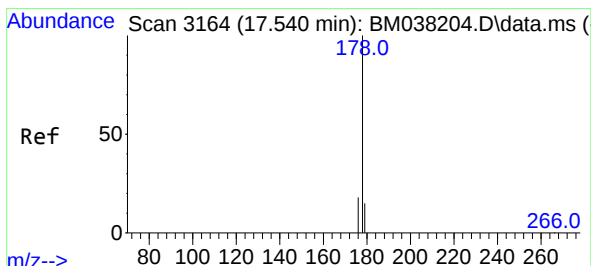
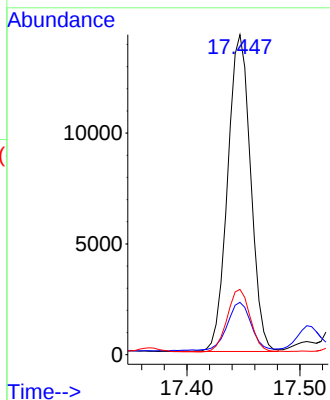
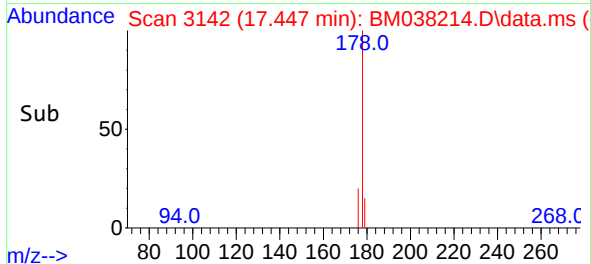
Instrument :
BNA_M
ClientSampleId :
DBXW8



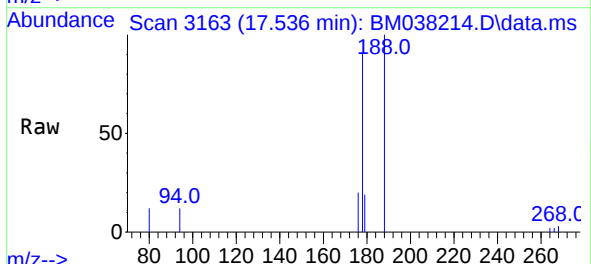
Tgt Ion:178 Resp: 20160
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 20.4 16.2 24.4

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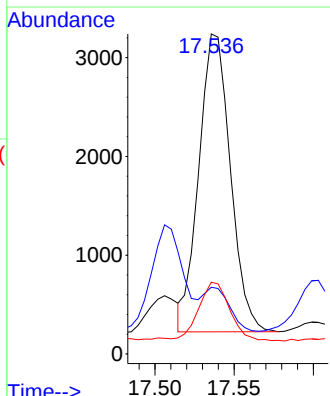
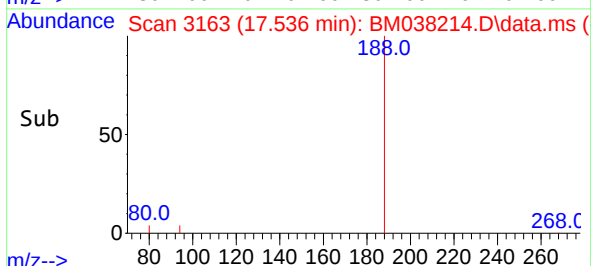
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

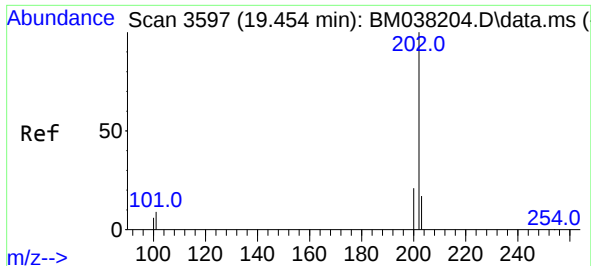


#16
Anthracene
Concen: 0.073 ng/u1
RT: 17.536 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00



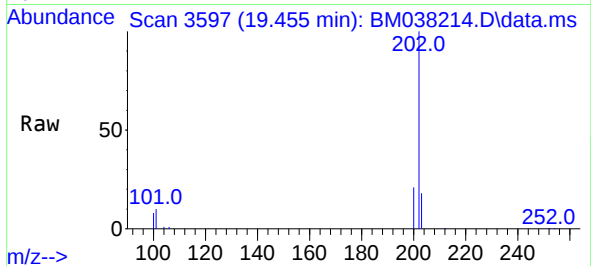
Tgt Ion:178 Resp: 4186
Ion Ratio Lower Upper
178 100
179 20.9 13.0 19.6#
176 22.4 15.6 23.4





#19
Fluoranthene
Concen: 0.716 ng/u1
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

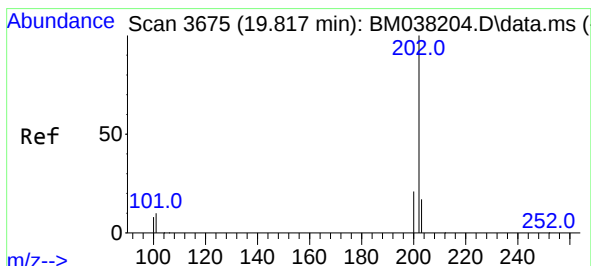
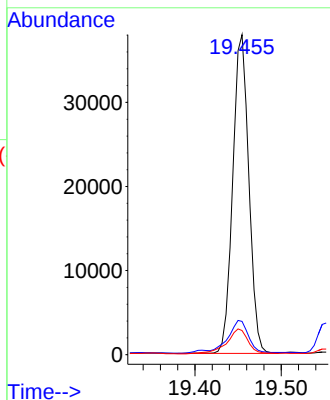
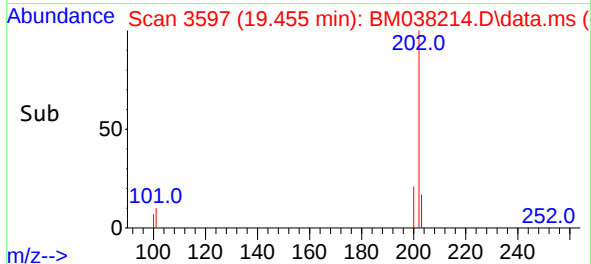
Instrument :
BNA_M
ClientSampleId :
DBXW8



Tgt Ion:202 Resp: 49088
Ion Ratio Lower Upper
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101 10.4 7.5 11.3
100 7.6 5.6 8.4

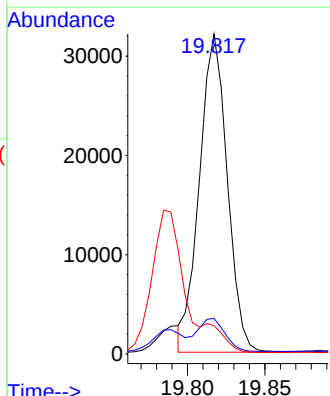
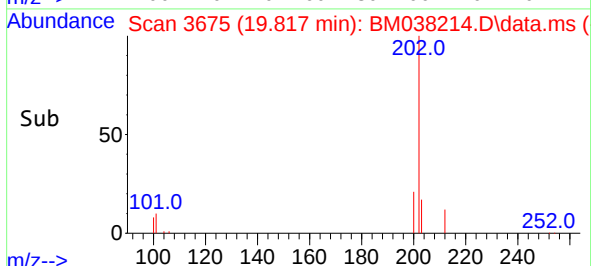
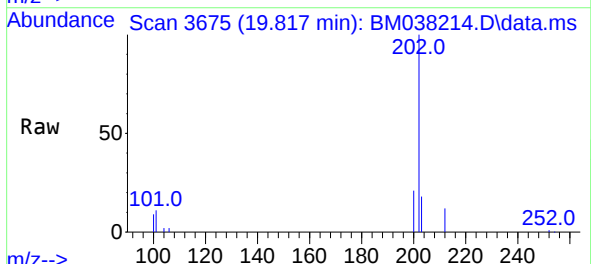
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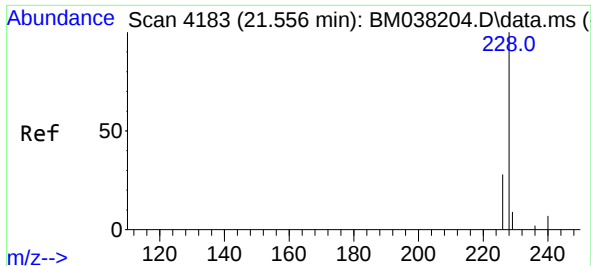
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#20
Pyrene
Concen: 0.578 ng/u1 m
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

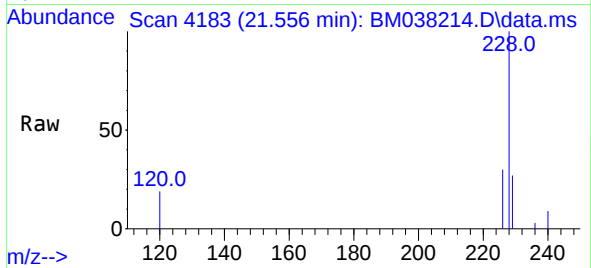
Tgt Ion:202 Resp: 40054
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
100 8.9 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.383 ng/u1
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

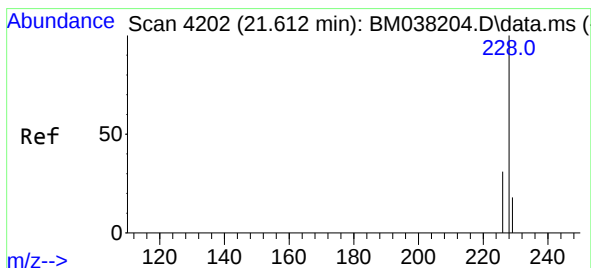
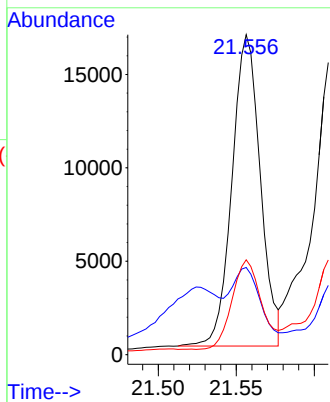
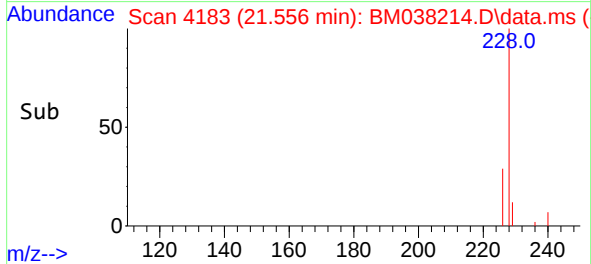
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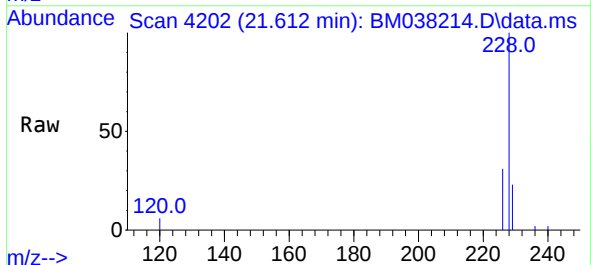
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Ion Ratio Lower Upper
228 100
229 27.3 15.5 23.3
226 29.7 22.2 33.2

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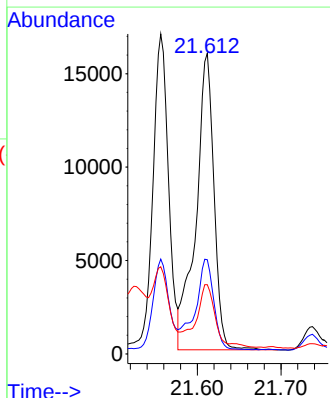
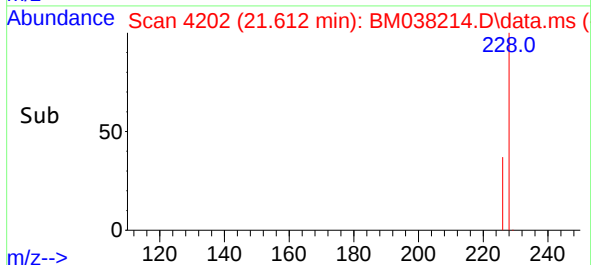
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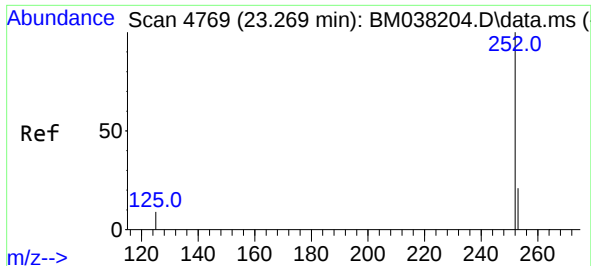


#22
Chrysene
Concen: 0.445 ng/u1
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00



Tgt Ion:228 Resp: 23775
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.4
229 23.0 16.0 24.0





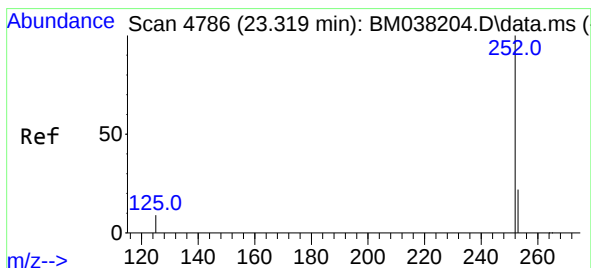
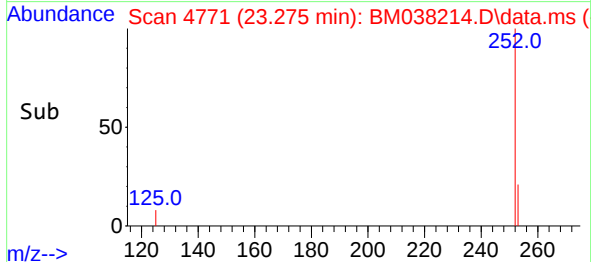
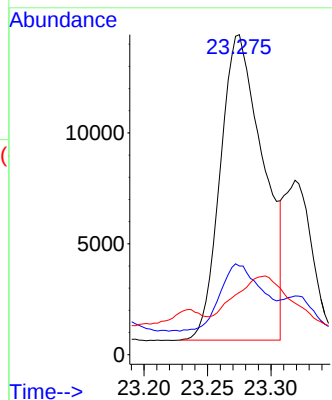
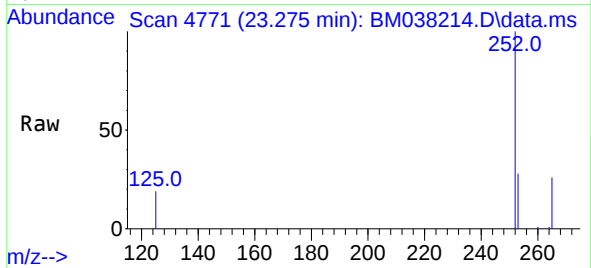
#24
Benzo(b)fluoranthene
Concen: 0.639 ng/ul
RT: 23.275 min Scan# 4771
Delta R.T. 0.003 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 3245
Ion Ratio Lower Upper
252 100
253 27.7 0.0 56.0
125 19.5 0.0 36.6

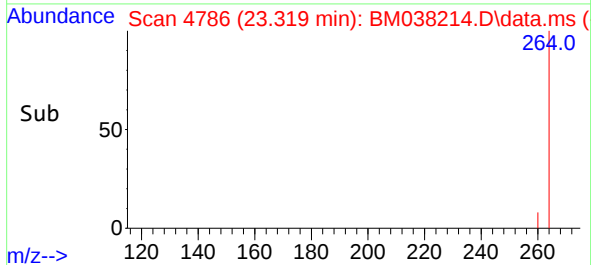
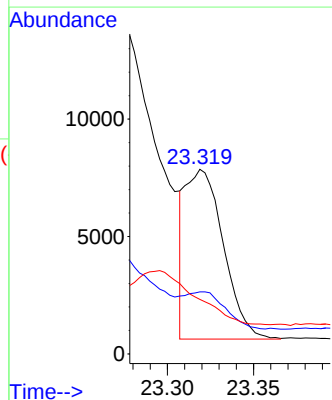
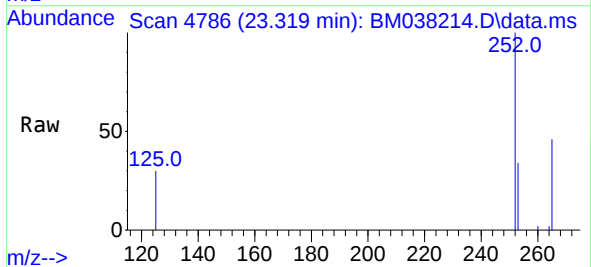
Manual Integrations
APPROVED

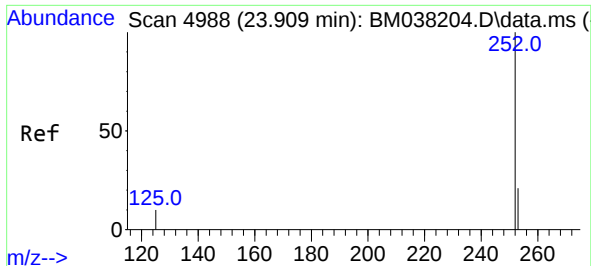
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#25
Benzo(k)fluoranthene
Concen: 0.227 ng/ul m
RT: 23.319 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

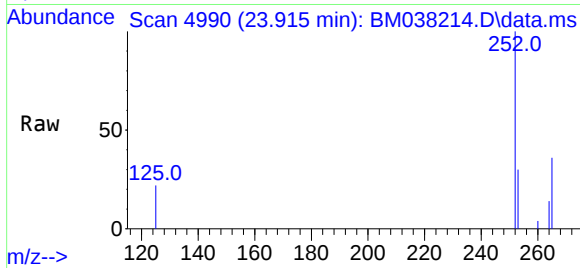
Tgt Ion:252 Resp: 11074
Ion Ratio Lower Upper
252 100
253 33.6 22.5 33.7
125 29.5 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.457 ng/ul
RT: 23.915 min Scan# 4988
Delta R.T. 0.003 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

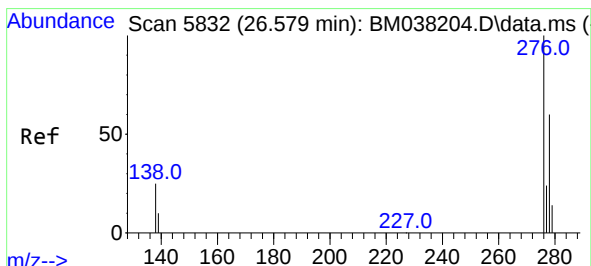
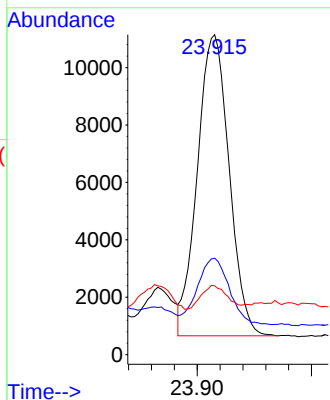
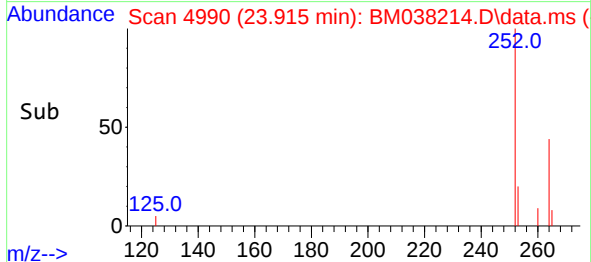
Instrument :
BNA_M
ClientSampleId :
DBXW8



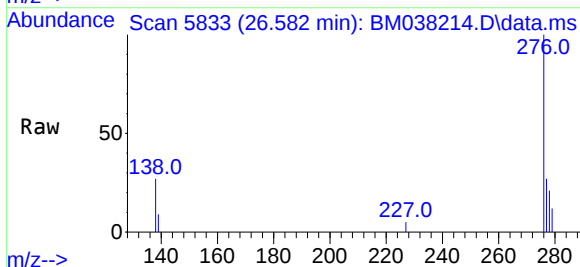
Tgt Ion:252 Resp: 2026
Ion Ratio Lower Upper
252 100
253 30.1 24.2 36.4
125 21.5 17.3 25.9

Manual Integrations
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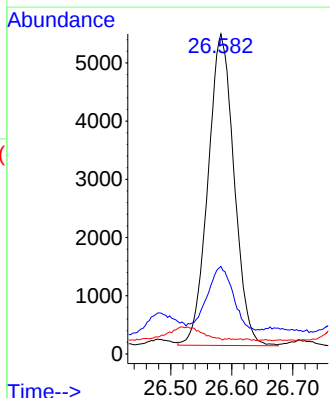
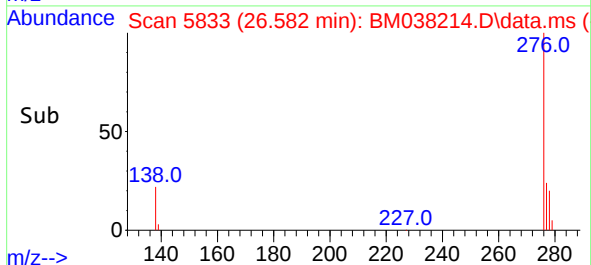
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

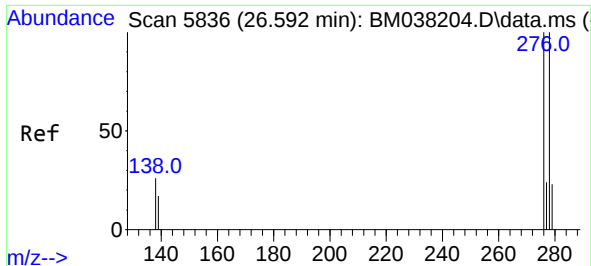


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.259 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00



Tgt Ion:276 Resp: 15896
Ion Ratio Lower Upper
276 100
138 22.3 21.7 32.5
227 0.3 0.0 0.0





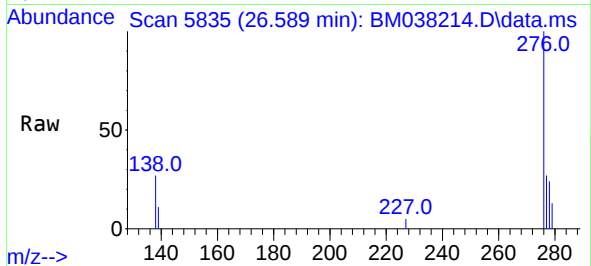
#28
Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul
RT: 26.589 min Scan# 5836
Delta R.T. -0.007 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

Instrument :

BNA_M

ClientSampleId :

DBXW8

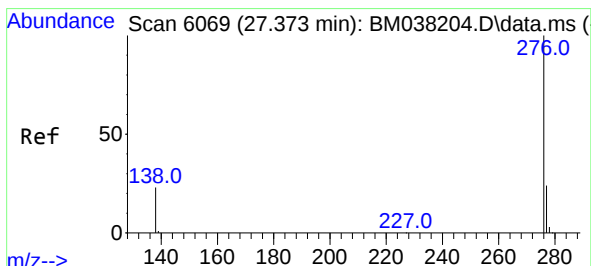
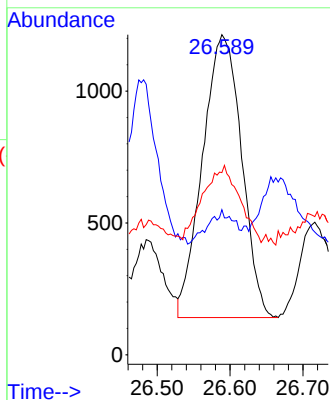
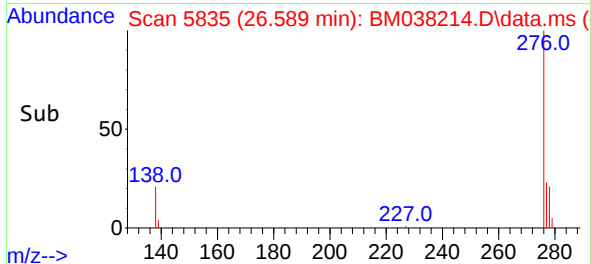


Tgt Ion:278 Resp: 399
Ion Ratio Lower Upper
278 100
139 45.3 16.8 25.2
279 56.9 23.4 35.2

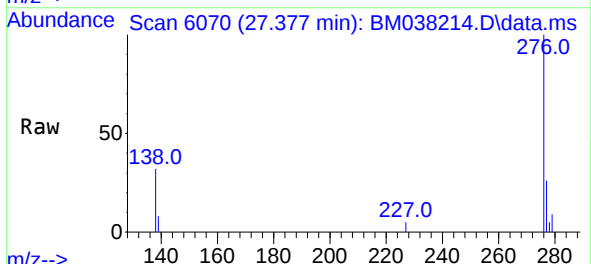
Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#29
Benzo(g,h,i)perylene
Concen: 0.306 ng/ul
RT: 27.377 min Scan# 6070
Delta R.T. 0.007 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00



Tgt Ion:276 Resp: 15814
Ion Ratio Lower Upper
276 100
138 32.5 20.8 31.2
277 26.1 20.5 30.7

