

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038213.D
 Acq On : 23 Dec 2022 00:23
 Operator : CG/JU
 Sample : N6008-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYB8

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 01:50:03 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	4834	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	14828	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8290	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	17131	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.574	240	11107	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	10773	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	19456	3.957	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	5265	0.241	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	10196	0.245	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.900	128	1925	0.044	ng/ul#	90
7) 2-Methylnaphthalene	12.506	142	812	0.030	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	733	0.027	ng/ul	100
10) Acenaphthylene	14.389	152	5996	0.131	ng/ul	97
11) Acenaphthene	14.731	153	3165	0.097	ng/ul	98
12) Fluorene	15.712	166	2890	0.082	ng/ul#	98
14) Pentachlorophenol	17.059	266	1026	0.120	ng/ul	99
15) Phenanthrene	17.447	178	51361	0.896	ng/ul	99
16) Anthracene	17.536	178	23274	0.423	ng/ul	99
19) Fluoranthene	19.455	202	115063	1.891	ng/ul	100
20) Pyrene	19.817	202	93860m	1.526	ng/ul	
21) Benzo(a)anthracene	21.556	228	43478	0.892	ng/ul	98
22) Chrysene	21.612	228	55070	1.161	ng/ul	98
24) Benzo(b)fluoranthene	23.272	252	81995	1.720	ng/ul	93
25) Benzo(k)fluoranthene	23.316	252	24833m	0.542	ng/ul	
26) Benzo(a)pyrene	23.915	252	47196	1.134	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.582	276	39609	0.686	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.589	278	9732	0.217	ng/ul#	85
29) Benzo(g,h,i)perylene	27.377	276	39808	0.820	ng/ul	97

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

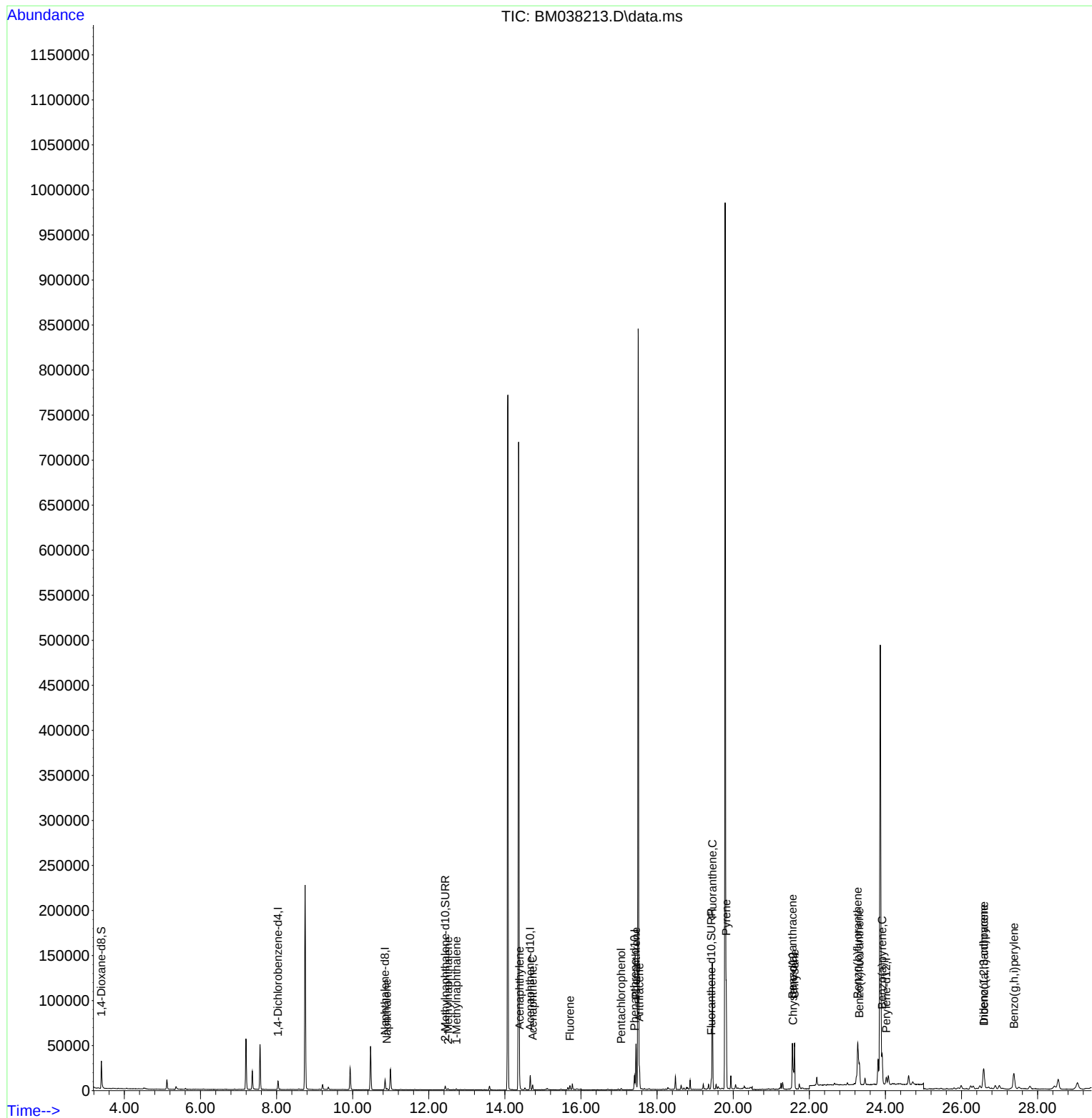
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038213.D
Acq On : 23 Dec 2022 00:23
Operator : CG/JU
Sample : N6008-09
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ALS Vial : 19 Sample Multiplier: 1

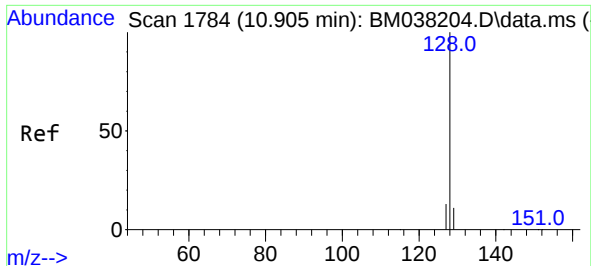
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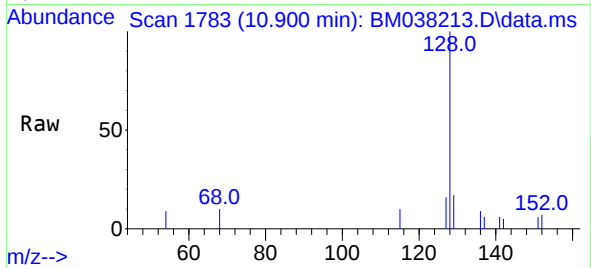
Quant Time: Dec 23 01:50:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.900 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23

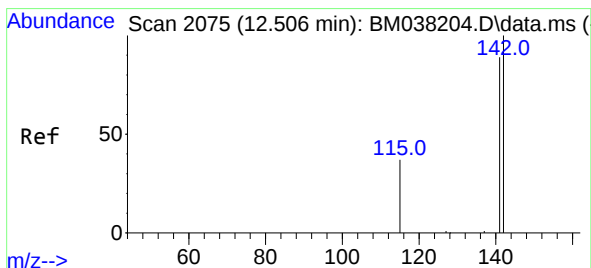
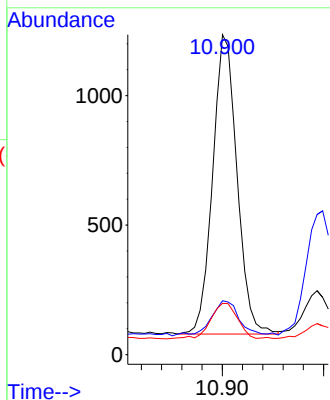
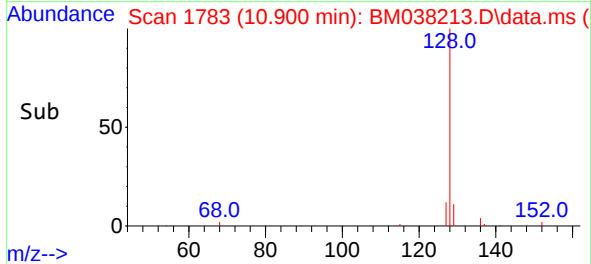
Instrument :
BNA_M
ClientSampleId :
DBYB8



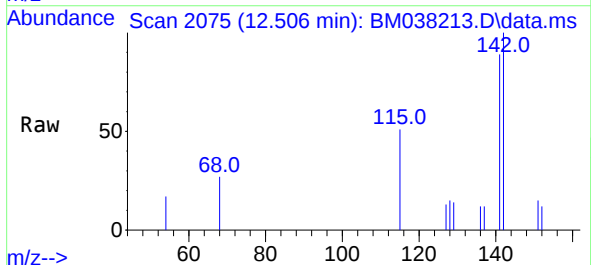
Tgt Ion:128 Resp: 192
Ion Ratio Lower Upper
128 100
129 16.8 9.4 14.0
127 16.0 10.7 16.1

Manual Integrations
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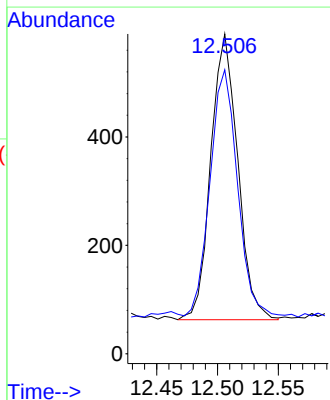
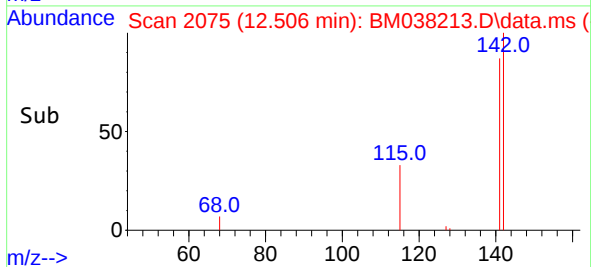
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Supervised By :mohammad ahmed 12/23/2022

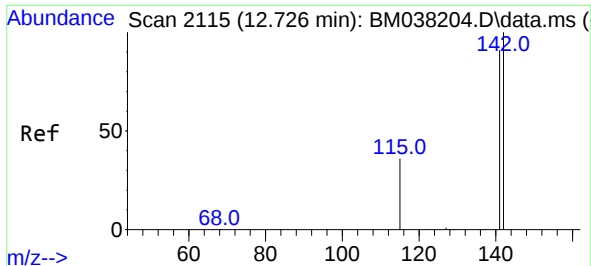


#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23



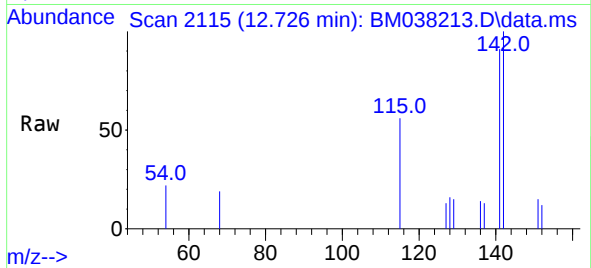
Tgt Ion:142 Resp: 812
Ion Ratio Lower Upper
142 100
141 88.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23

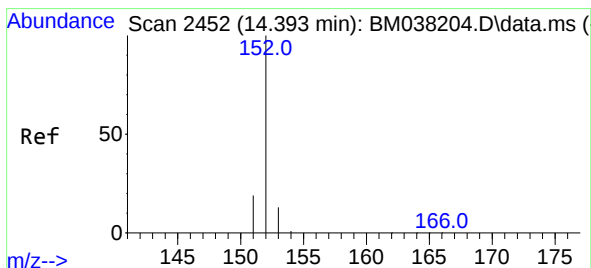
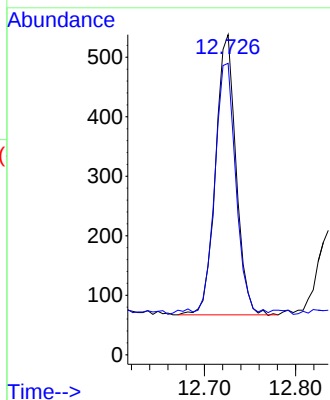
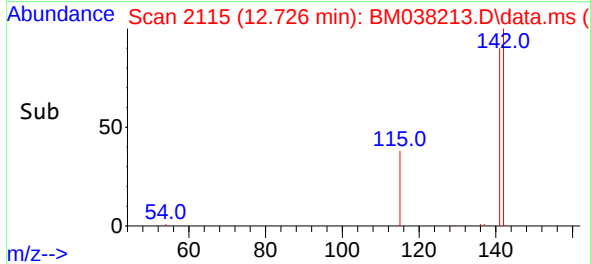
Instrument :
BNA_M
ClientSampleId :
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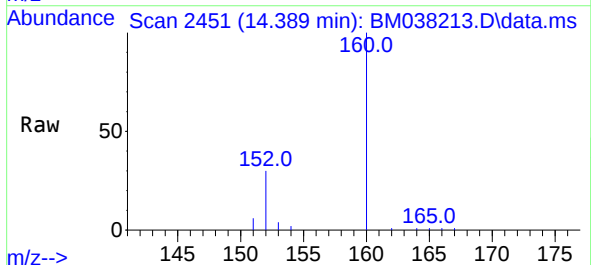
Tgt Ion:142 Resp: 733
Ion Ratio Lower Upper
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141 93.6 74.7 112.1

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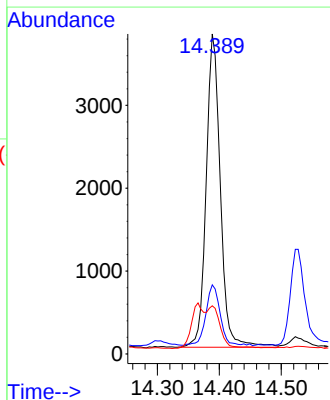
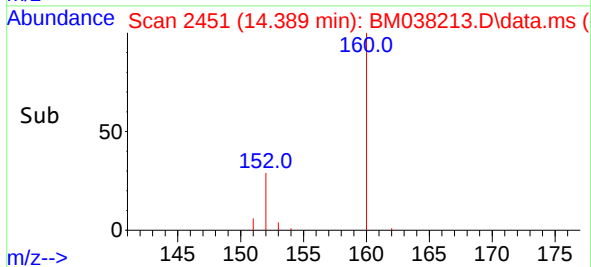
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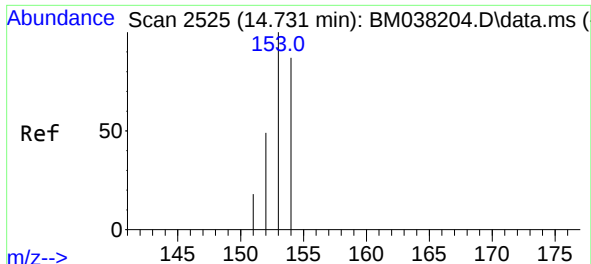


#10
Acenaphthylene
Concen: 0.131 ng/ul
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23



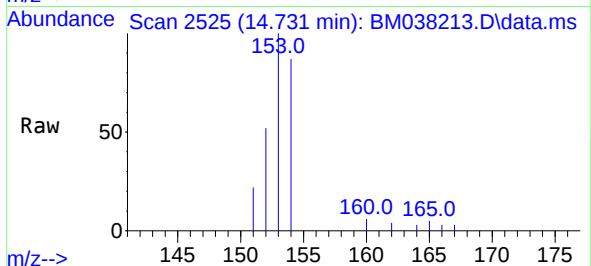
Tgt Ion:152 Resp: 5996
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.2
153 15.0 10.7 16.1





#11
Acenaphthene
Concen: 0.097 ng/u1
RT: 14.731 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23

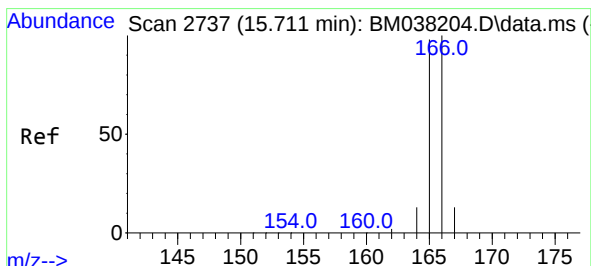
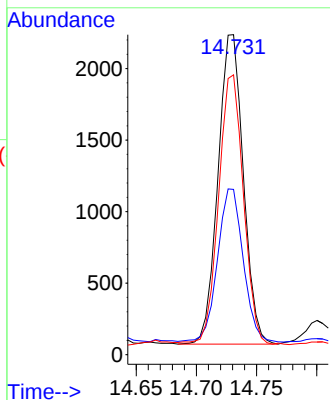
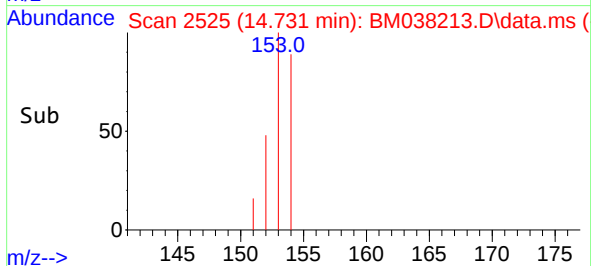
Instrument :
BNA_M
ClientSampleId :
DBYB8



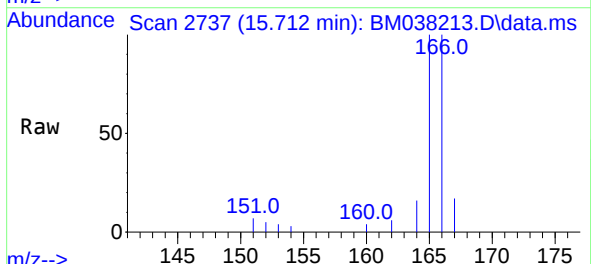
Tgt Ion:153 Resp: 316
Ion Ratio Lower Upper
153 100
152 51.7 39.4 59.0
154 87.4 69.0 103.4

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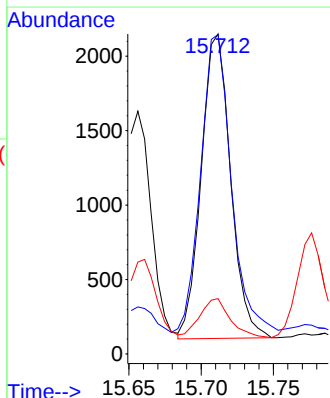
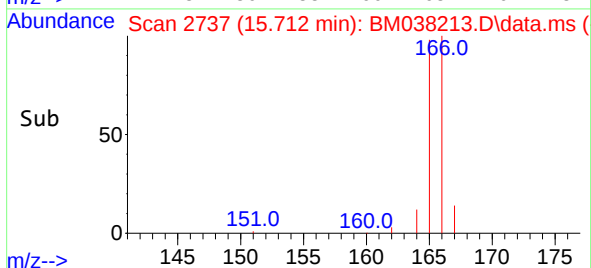
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

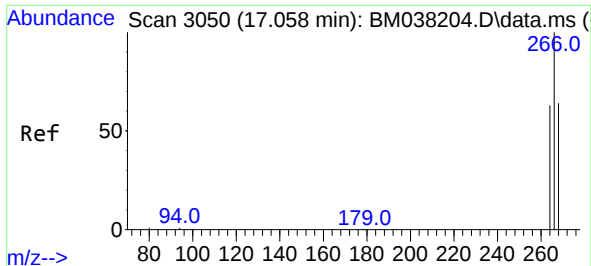


#12
Fluorene
Concen: 0.082 ng/u1
RT: 15.712 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23



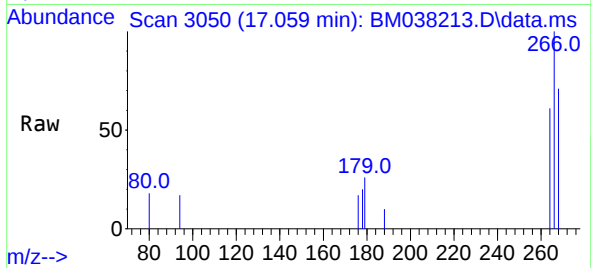
Tgt Ion:166 Resp: 2890
Ion Ratio Lower Upper
166 100
165 99.8 79.0 118.6
167 17.3 11.0 16.6#





#14
Pentachlorophenol
Concen: 0.120 ng/ul
RT: 17.059 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23

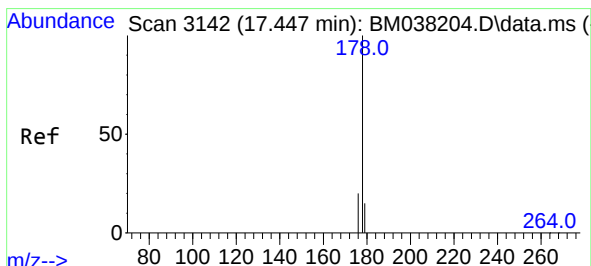
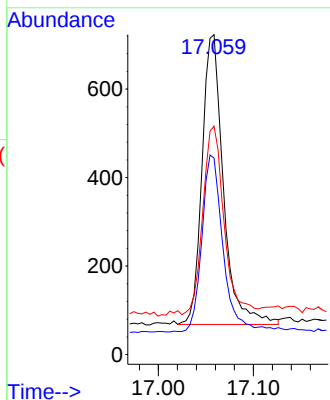
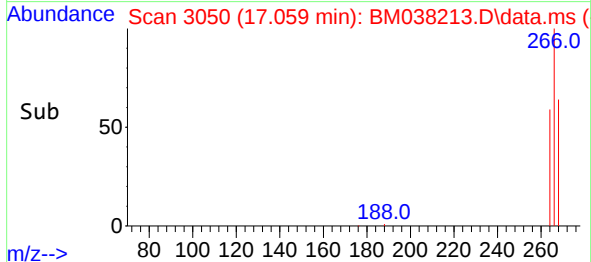
Instrument :
BNA_M
ClientSampleId :
DBYB8



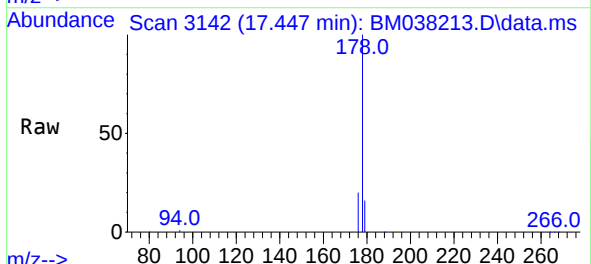
Tgt Ion:	266	Resp:	1020
Ion Ratio	Lower	Upper	
266	100		
264	61.2	49.9	74.9
268	64.6	51.2	76.8

Manual Integrations
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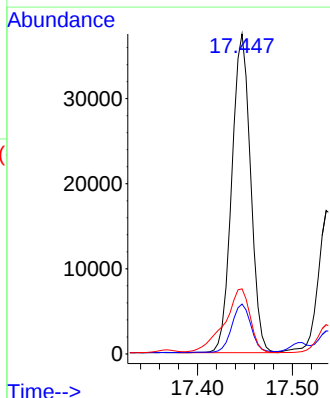
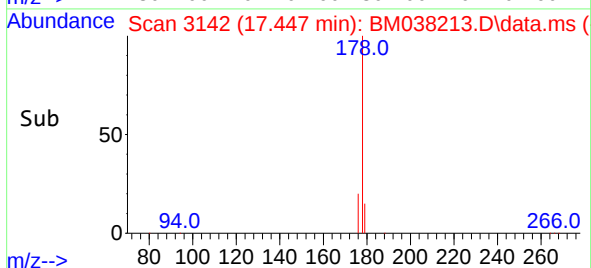
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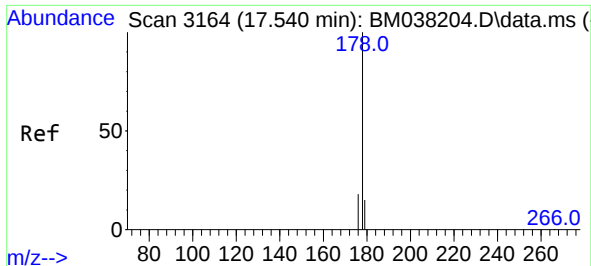


#15
Phenanthrene
Concen: 0.896 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23



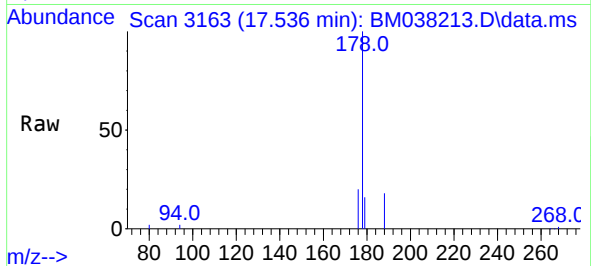
Tgt Ion:	178	Resp:	51361
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.0	19.4
176	20.4	16.2	24.4





#16
 Anthracene
 Concen: 0.423 ng/ul
 RT: 17.536 min Scan# 3163
 Delta R.T. -0.004 min
 Lab File: BM038213.D
 Acq: 23 Dec 2022 00:23

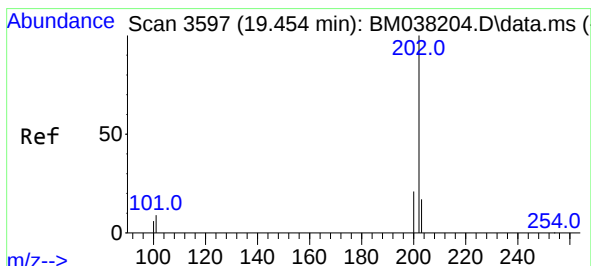
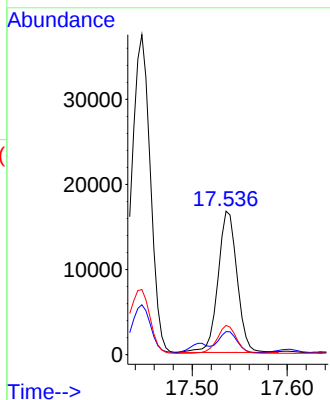
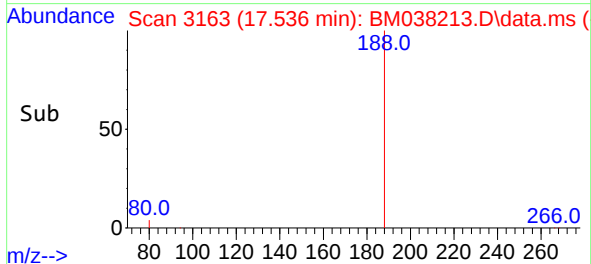
Instrument :
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 DBYB8



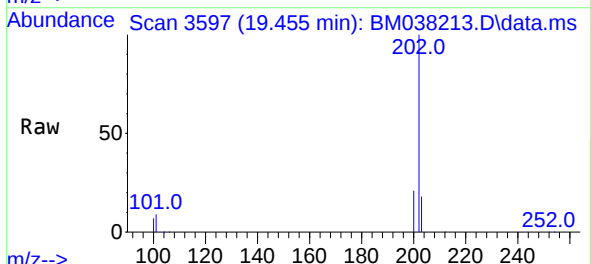
Tgt Ion:178 Resp: 23274
 Ion Ratio Lower Upper
 178 100
 179 16.1 13.0 19.6
 176 20.4 15.6 23.4

Manual Integrations
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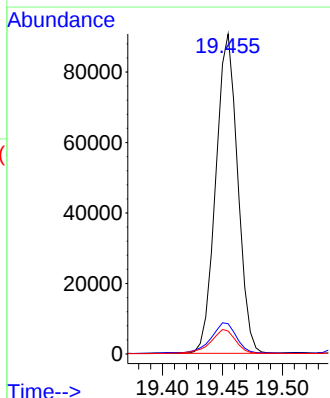
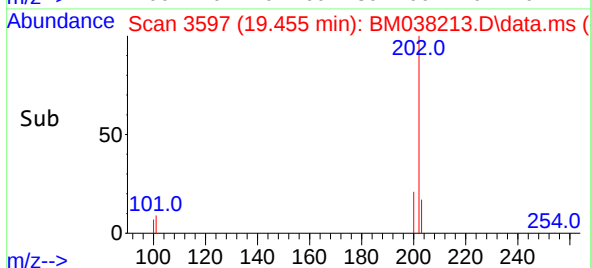
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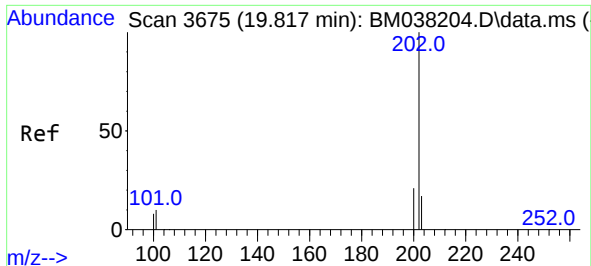


#19
 Fluoranthene
 Concen: 1.891 ng/ul
 RT: 19.455 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038213.D
 Acq: 23 Dec 2022 00:23



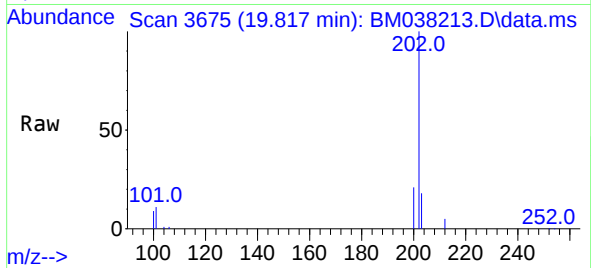
Tgt Ion:202 Resp: 115063
 Ion Ratio Lower Upper
 202 100
 101 9.5 7.5 11.3
 100 7.2 5.6 8.4





#20
Pyrene
Concen: 1.526 ng/ul m
RT: 19.817 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23

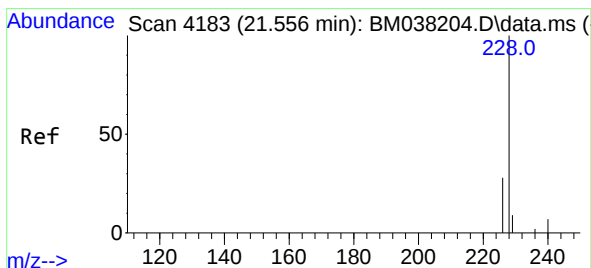
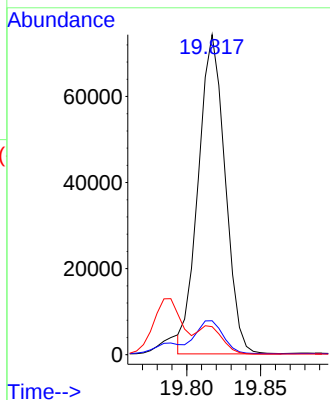
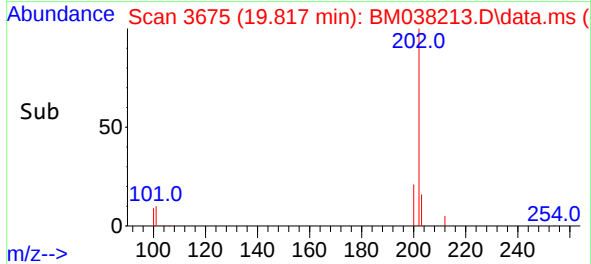
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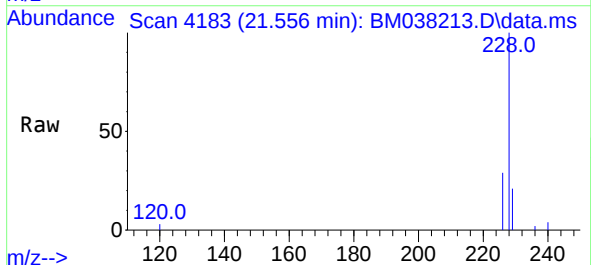
Tgt Ion:202 Resp: 93860
Ion Ratio Lower Upper
202 100
101 10.6 8.9 13.3
100 8.8 7.4 11.0

Manual Integrations
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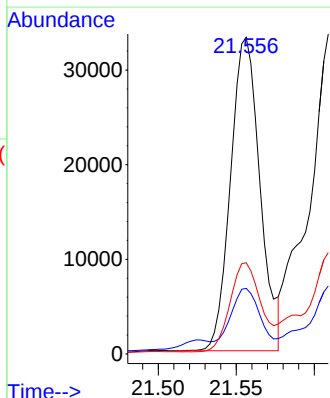
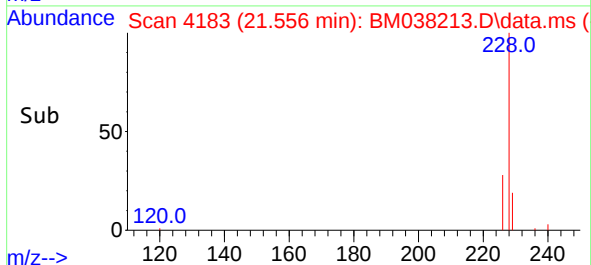
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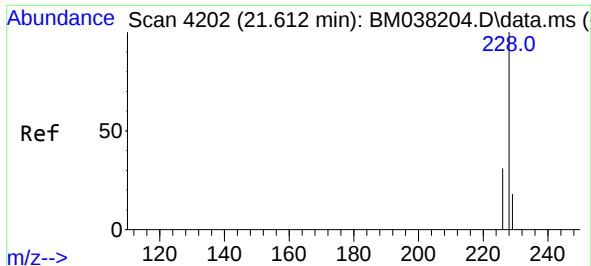


#21
Benzo(a)anthracene
Concen: 0.892 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23



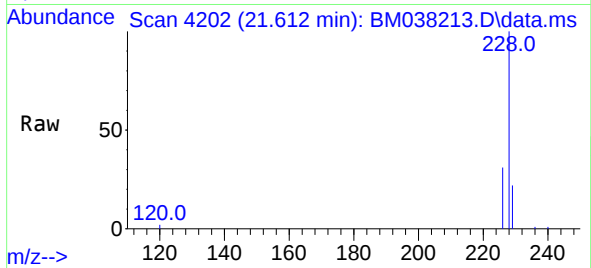
Tgt Ion:228 Resp: 43478
Ion Ratio Lower Upper
228 100
229 20.7 15.5 23.3
226 28.8 22.2 33.2





#22
Chrysene
Concen: 1.161 ng/u1
RT: 21.612 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23

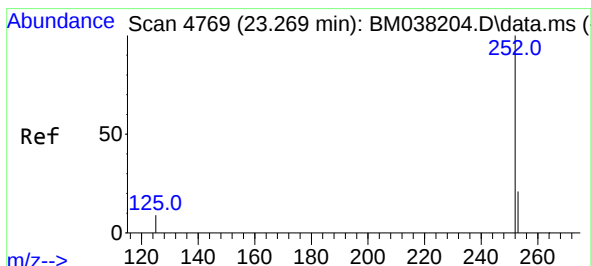
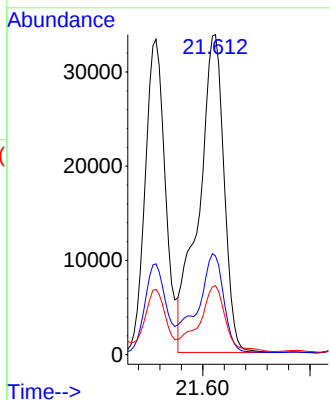
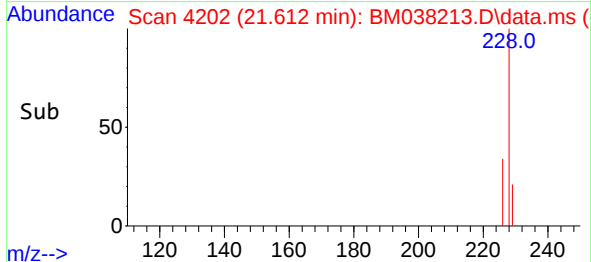
Instrument :
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ClientSampleId :
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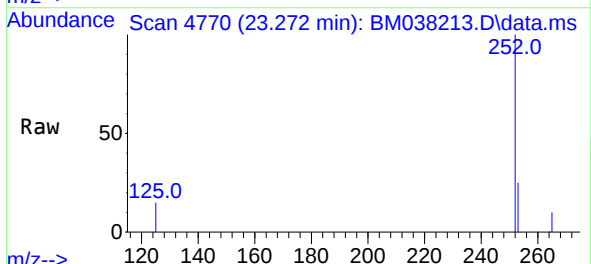
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Ion Ratio Lower Upper
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226 30.8 25.0 37.4
229 21.6 16.0 24.0

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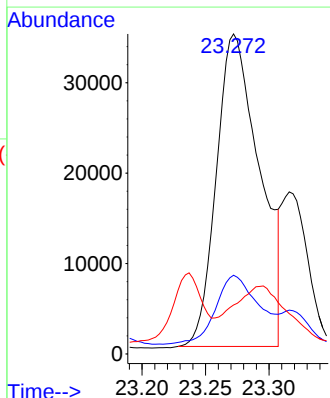
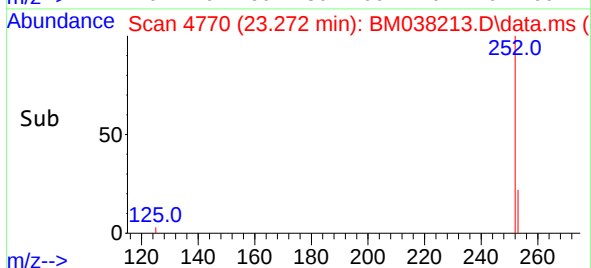
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

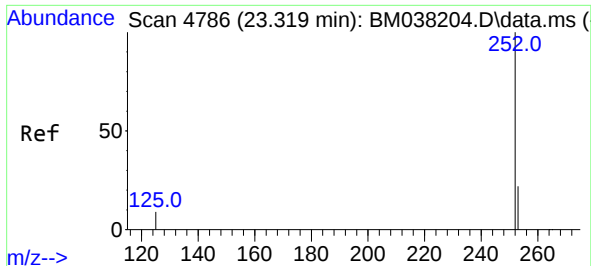


#24
Benzo(b)fluoranthene
Concen: 1.720 ng/u1
RT: 23.272 min Scan# 4770
Delta R.T. 0.000 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23



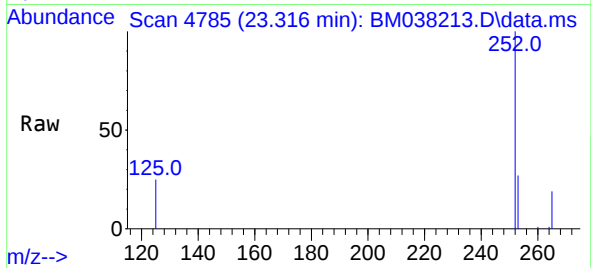
Tgt Ion:252 Resp: 81995
Ion Ratio Lower Upper
252 100
253 24.6 0.0 56.0
125 15.3 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.542 ng/ul m
RT: 23.316 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23

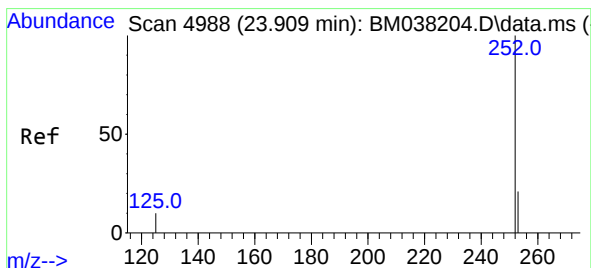
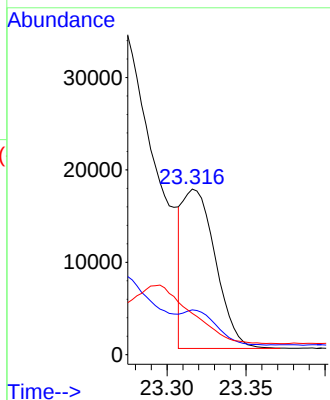
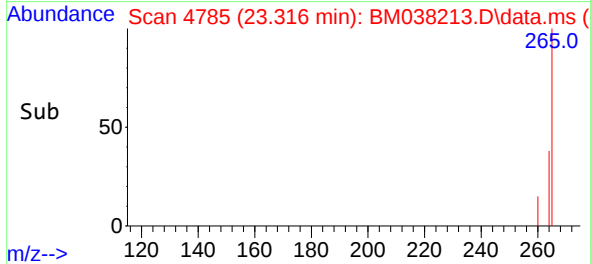
Instrument :
BNA_M
ClientSampleId :
DBYB8



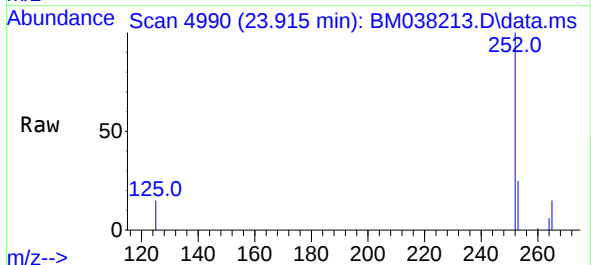
Tgt Ion:252 Resp: 2483
Ion Ratio Lower Upper
252 100
253 27.1 22.5 33.7
125 24.9 14.4 21.6

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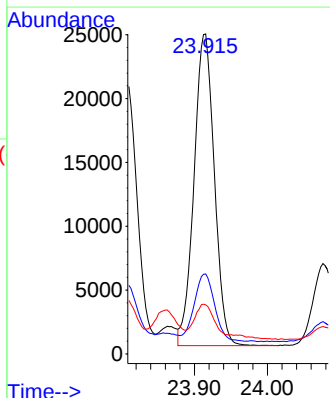
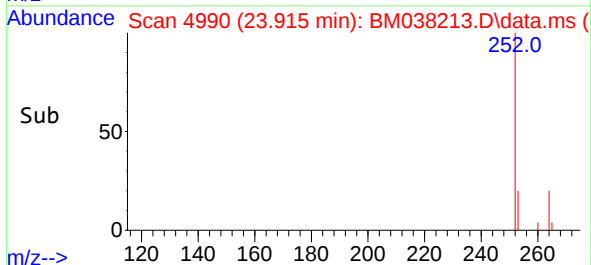
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

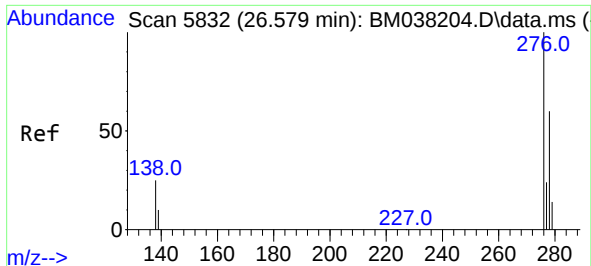


#26
Benzo(a)pyrene
Concen: 1.134 ng/ul
RT: 23.915 min Scan# 4990
Delta R.T. 0.003 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23



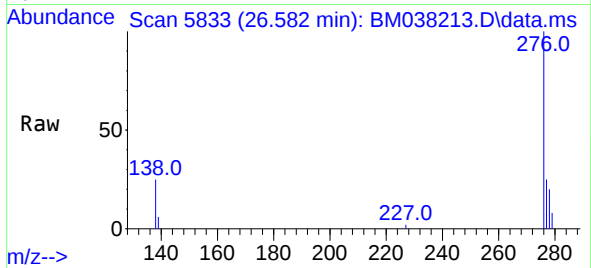
Tgt Ion:252 Resp: 47196
Ion Ratio Lower Upper
252 100
253 25.0 24.2 36.4
125 15.4 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.686 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23

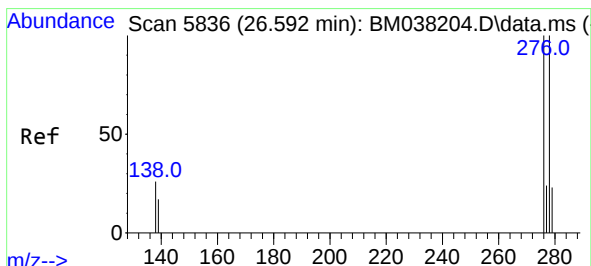
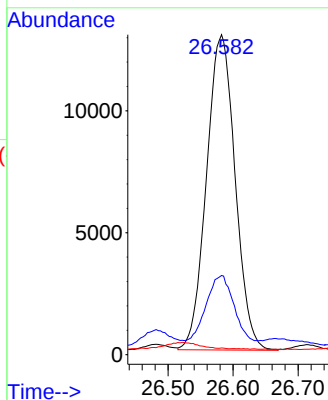
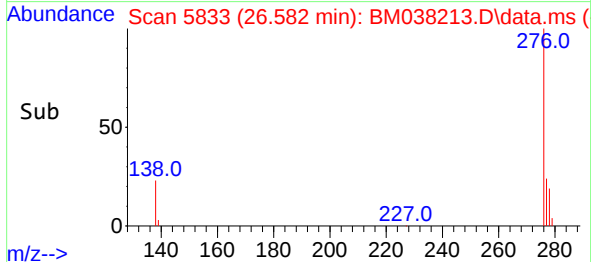
Instrument :
BNA_M
ClientSampleId :
DBYB8



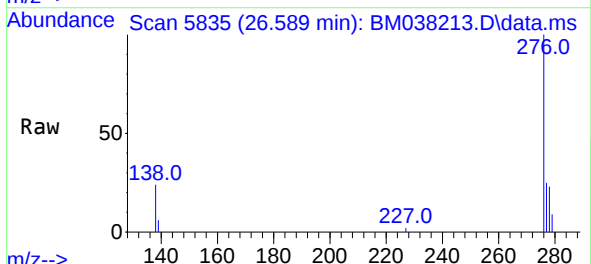
Tgt Ion:276 Resp: 39609
Ion Ratio Lower Upper
276 100
138 22.8 21.7 32.5
227 0.0 0.0 0.0

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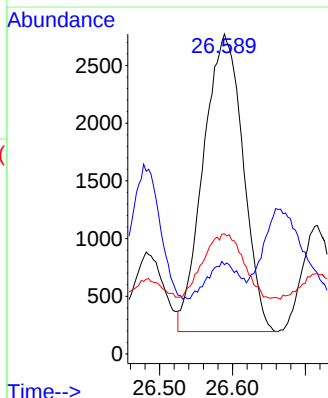
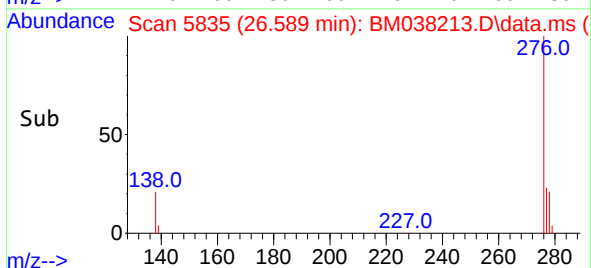
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

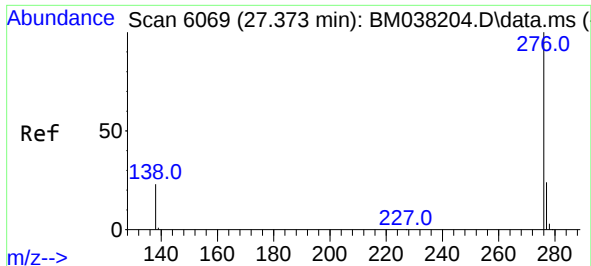


#28
Dibenzo(a,h)anthracene
Concen: 0.217 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. -0.007 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23



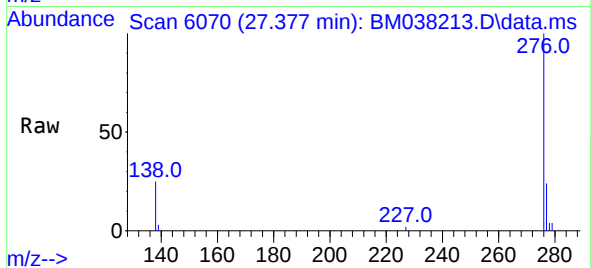
Tgt Ion:278 Resp: 9732
Ion Ratio Lower Upper
278 100
139 27.9 16.8 25.2#
279 37.6 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.820 ng/ul
RT: 27.377 min Scan# 6069
Delta R.T. 0.007 min
Lab File: BM038213.D
Acq: 23 Dec 2022 00:23

Instrument :
BNA_M
ClientSampleId :
DBYB8



Tgt Ion:276 Resp: 39808
Ion Ratio Lower Upper
276 100
138 24.6 20.8 31.2
277 24.2 20.5 30.7

Manual Integrations
APPROVED

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

