

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038198.D
 Acq On : 22 Dec 2022 15:07
 Operator : CG/JU
 Sample : N6009-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYJ6

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 01:47:49 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	8.043	152	3671	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	11203	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6208	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	12937	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	9651	0.400	ng/ul	0.00
23) Perylene-d12	24.024	264	9939	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	5840	1.564	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	2901	0.176	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	7944	0.219	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.906	128	948	0.029	ng/ul#	82
7) 2-Methylnaphthalene	12.506	142	424	0.021	ng/ul	91
10) Acenaphthylene	14.389	152	916	0.027	ng/ul#	67
11) Acenaphthene	14.726	153	509	0.021	ng/ul#	92
14) Pentachlorophenol	17.059	266	227	0.035	ng/ul	93
15) Phenanthrene	17.447	178	13226	0.305	ng/ul	100
16) Anthracene	17.536	178	2319	0.056	ng/ul#	87
19) Fluoranthene	19.455	202	45858	0.867	ng/ul	97
20) Pyrene	19.817	202	38280m	0.716	ng/ul	
21) Benzo(a)anthracene	21.556	228	18651	0.441	ng/ul	97
22) Chrysene	21.612	228	24916	0.605	ng/ul	98
24) Benzo(b)fluoranthene	23.272	252	39202m	0.891	ng/ul	
25) Benzo(k)fluoranthene	23.316	252	13811m	0.327	ng/ul	
26) Benzo(a)pyrene	23.912	252	23957	0.624	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.575	276	21217	0.399	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.585	278	5147	0.124	ng/ul#	67
29) Benzo(g,h,i)perylene	27.374	276	20637	0.461	ng/ul	98

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

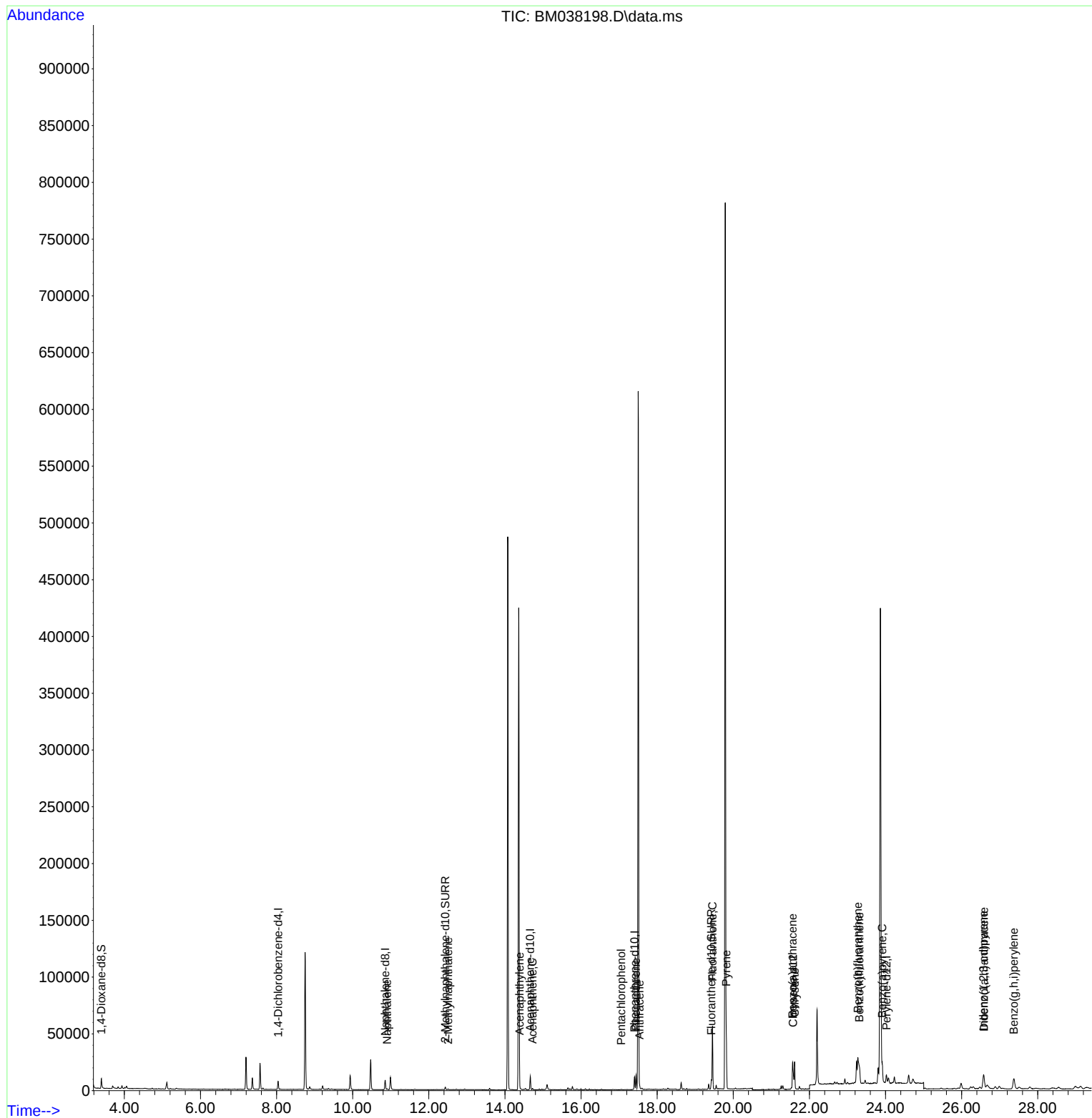
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038198.D
Acq On : 22 Dec 2022 15:07
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ALS Vial : 4 Sample Multiplier: 1

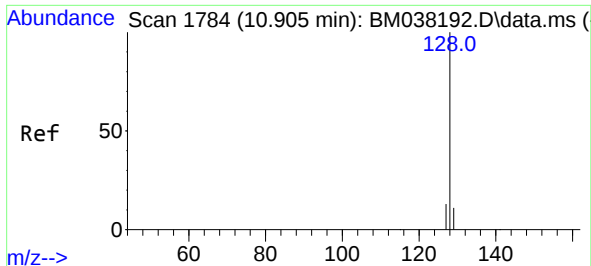
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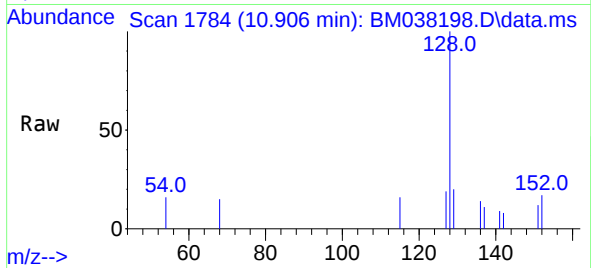
Quant Time: Dec 23 01:47:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

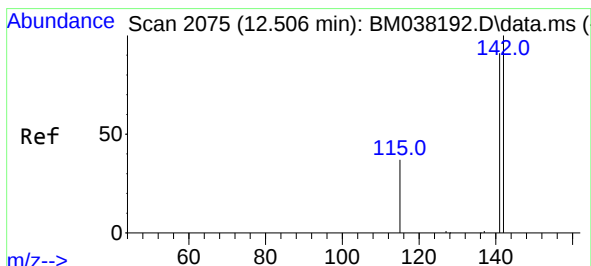
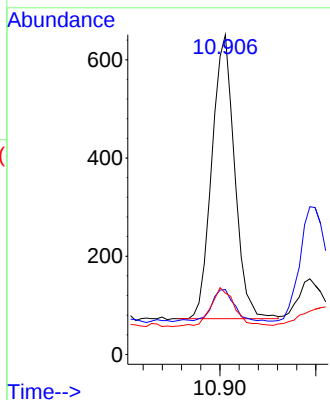
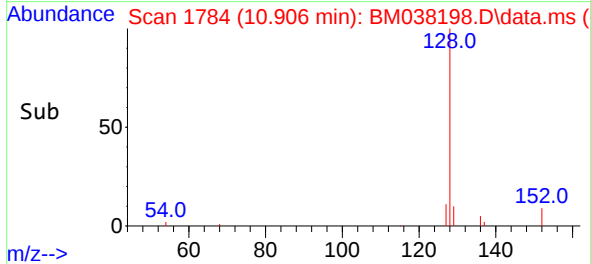
Instrument :
BNA_M
ClientSampleId :
DBYJ6



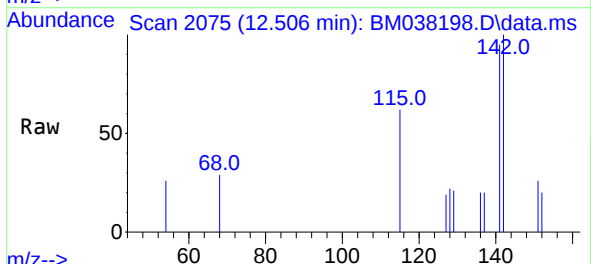
Tgt Ion:128 Resp: 944
Ion Ratio Lower Upper
128 100
129 20.3 9.4 14.0
127 19.2 10.7 16.1

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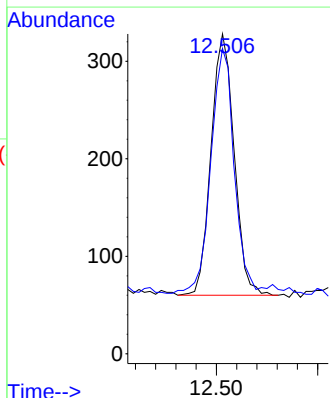
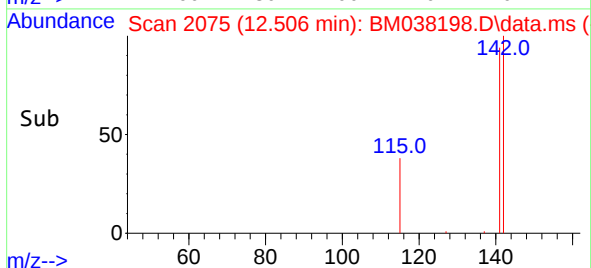
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

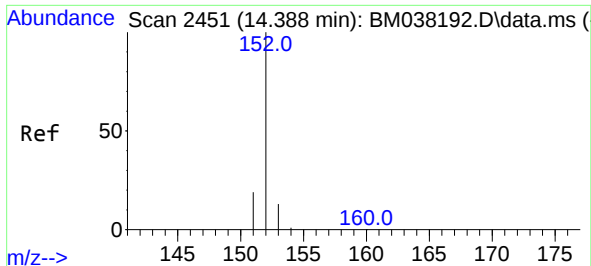


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07



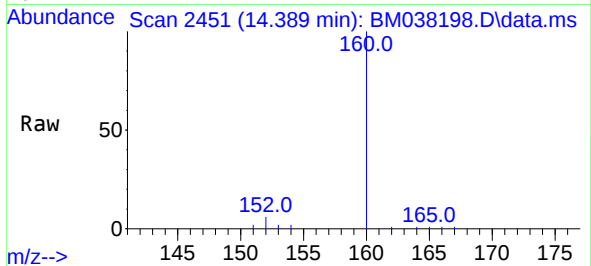
Tgt Ion:142 Resp: 424
Ion Ratio Lower Upper
142 100
141 98.3 71.9 107.9





#10
Acenaphthylene
Concen: 0.027 ng/u1
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

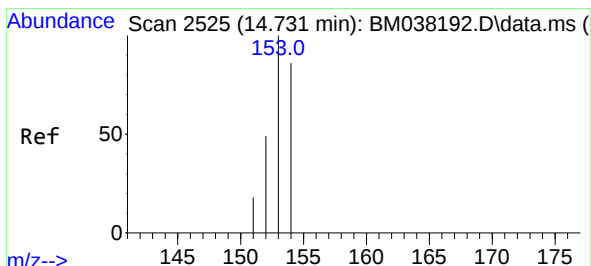
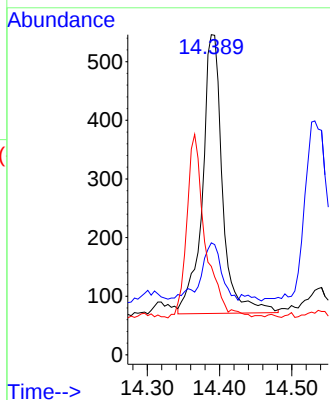
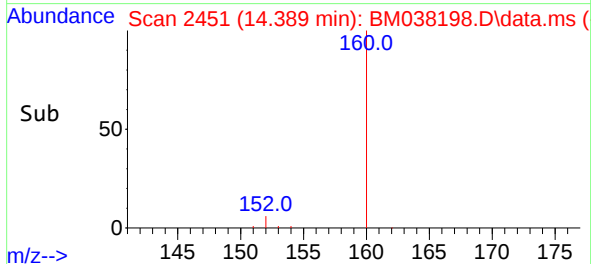
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 910
Ion Ratio Lower Upper
152 100
151 35.0 16.2 24.2
153 27.7 10.7 16.1

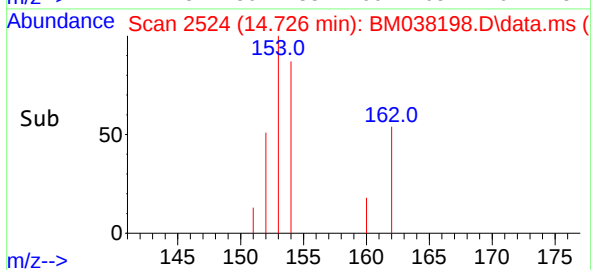
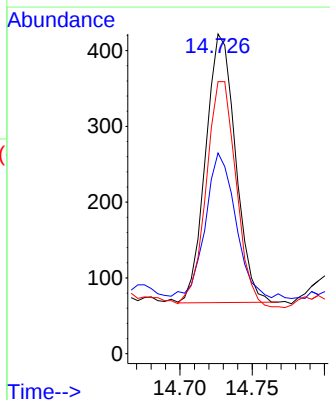
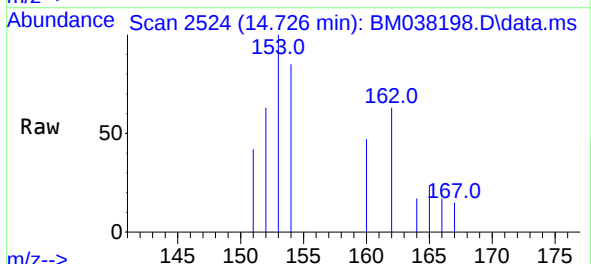
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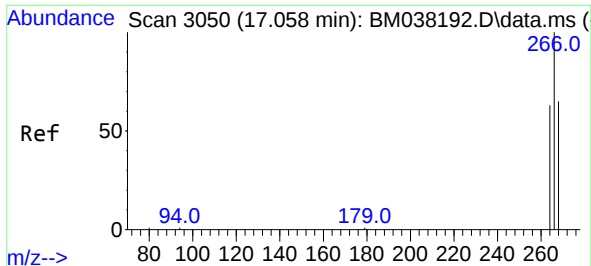
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#11
Acenaphthene
Concen: 0.021 ng/u1
RT: 14.726 min Scan# 2524
Delta R.T. -0.004 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

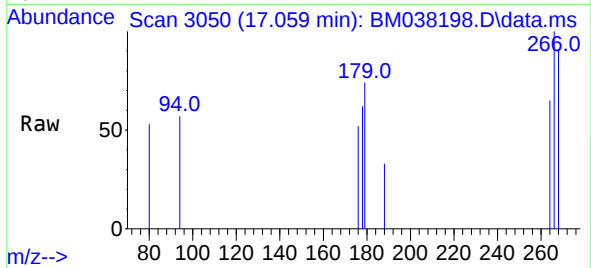
Tgt Ion:153 Resp: 509
Ion Ratio Lower Upper
153 100
152 62.8 39.4 59.0#
154 85.1 69.0 103.4





#14
Pentachlorophenol
Concen: 0.035 ng/u1
RT: 17.059 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

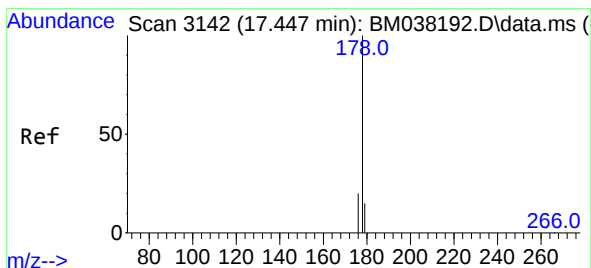
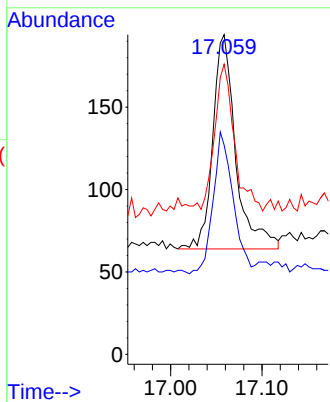
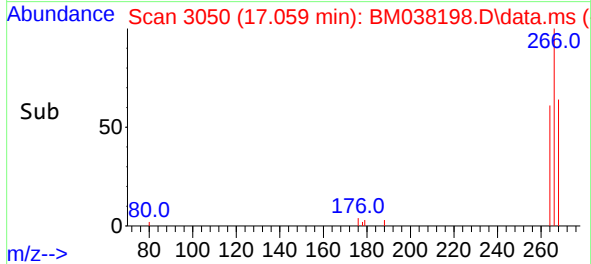
Instrument :
BNA_M
ClientSampleId :
DBYJ6



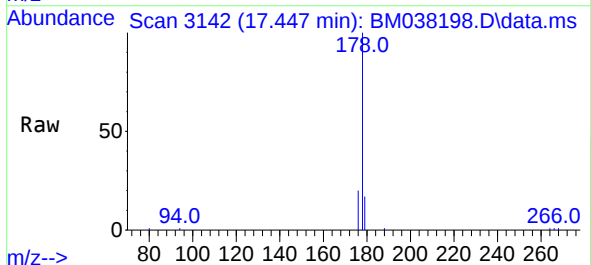
Tgt Ion:266 Resp: 221
Ion Ratio Lower Upper
266 100
264 57.7 49.9 74.9
268 58.1 51.2 76.8

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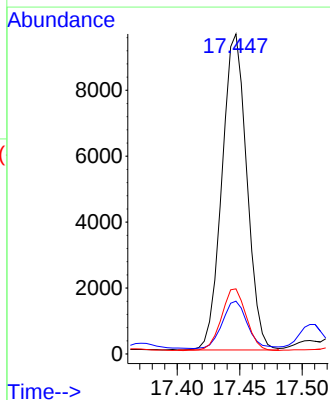
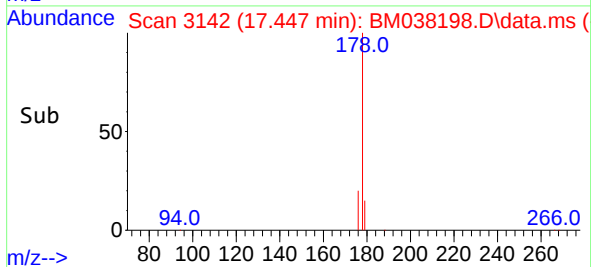
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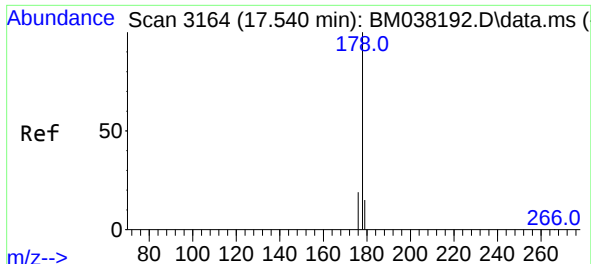


#15
Phenanthrene
Concen: 0.305 ng/u1
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07



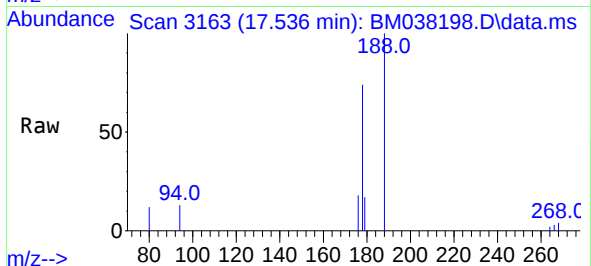
Tgt Ion:178 Resp: 13226
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 20.3 16.2 24.4





#16
 Anthracene
 Concen: 0.056 ng/u1
 RT: 17.536 min Scan# 3163
 Delta R.T. -0.004 min
 Lab File: BM038198.D
 Acq: 22 Dec 2022 15:07

Instrument :
 BNA_M
 ClientSampleId :
 DBYJ6

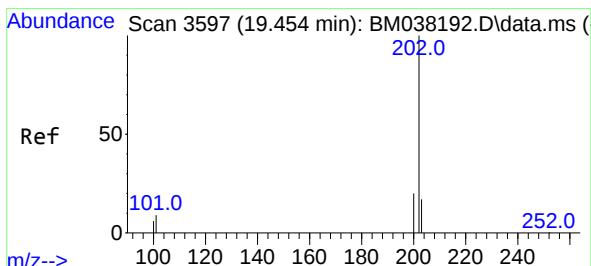
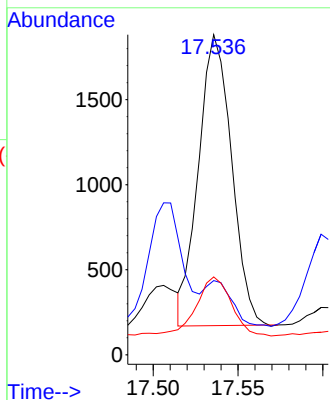
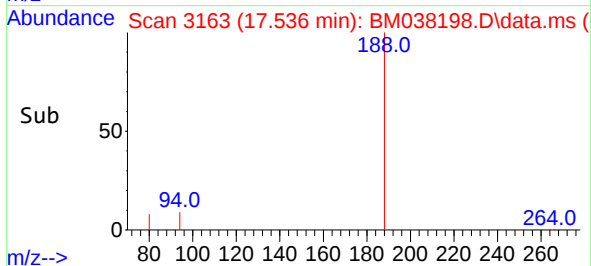


Tgt Ion:178 Resp: 2319

Ion	Ratio	Lower	Upper
178	100		
179	23.2	13.0	19.6
176	24.3	15.6	23.4

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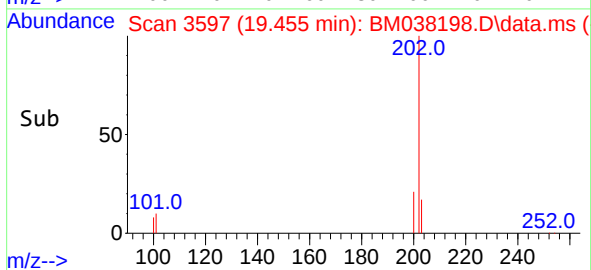
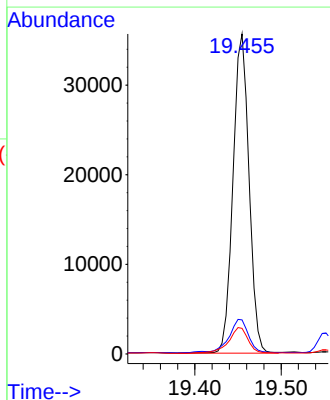
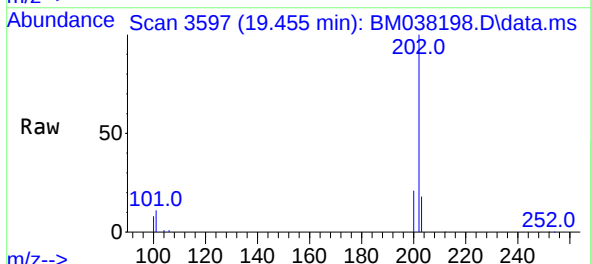
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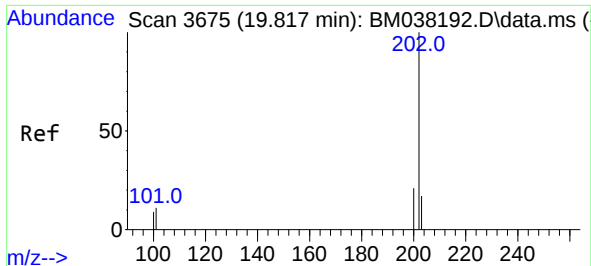


#19
 Fluoranthene
 Concen: 0.867 ng/u1
 RT: 19.455 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038198.D
 Acq: 22 Dec 2022 15:07

Tgt Ion:202 Resp: 45858

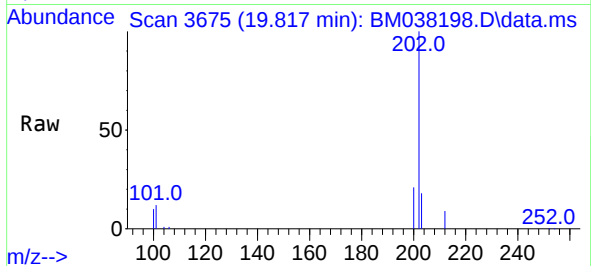
Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.5	11.3
100	8.0	5.6	8.4





#20
Pyrene
Concen: 0.716 ng/ul m
RT: 19.817 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

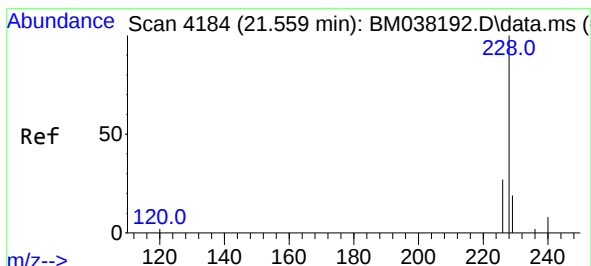
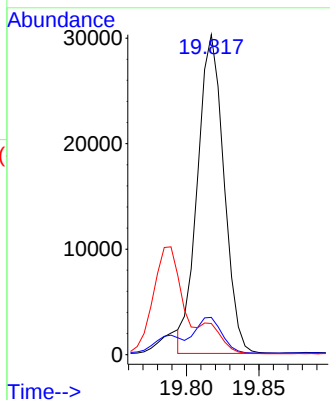
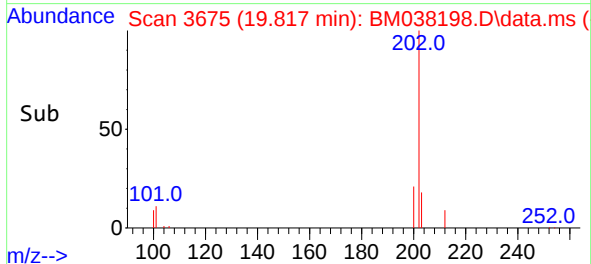
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ClientSampleId :
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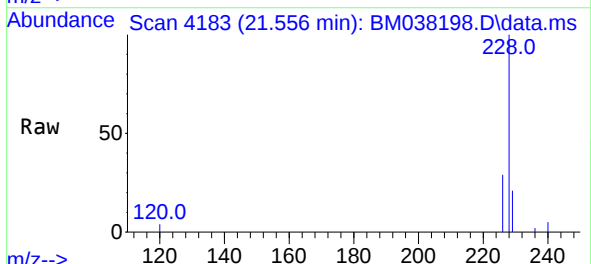
Tgt Ion:202 Resp: 38280
Ion Ratio Lower Upper
202 100
101 11.6 8.9 13.3
100 9.7 7.4 11.0

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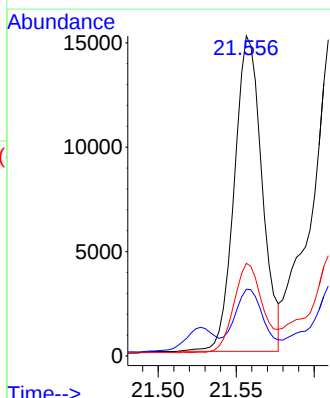
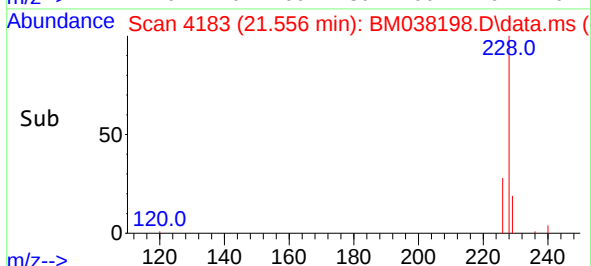
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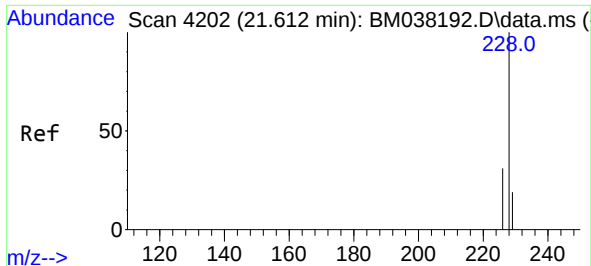


#21
Benzo(a)anthracene
Concen: 0.441 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07



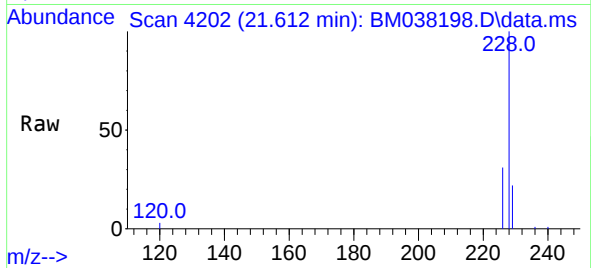
Tgt Ion:228 Resp: 18651
Ion Ratio Lower Upper
228 100
229 20.9 15.5 23.3
226 29.0 22.2 33.2





#22
Chrysene
Concen: 0.605 ng/u1
RT: 21.612 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

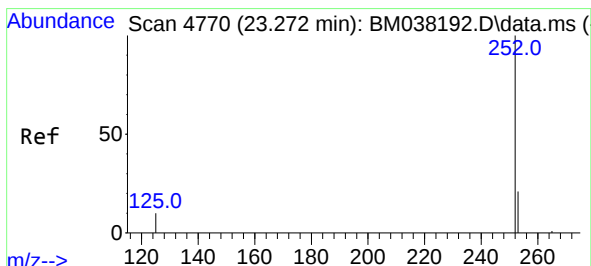
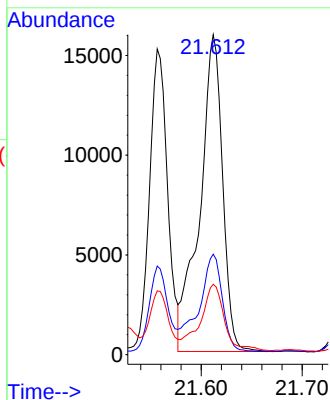
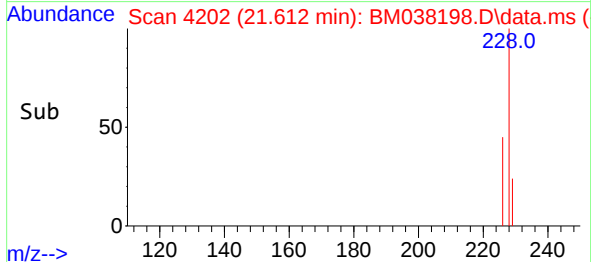
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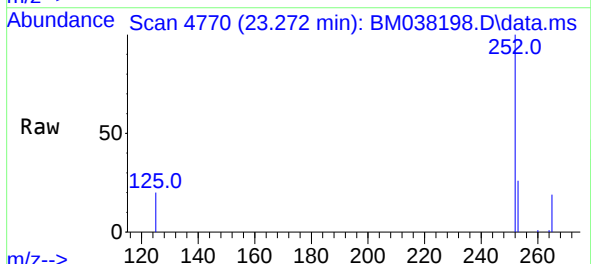
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Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.4
229 22.0 16.0 24.0

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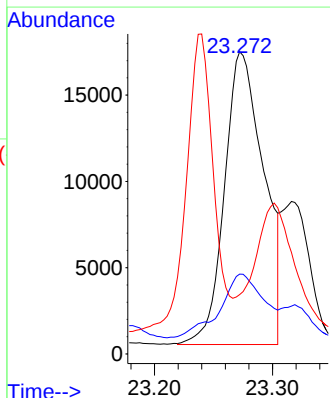
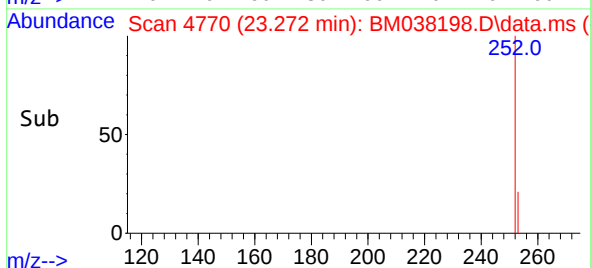
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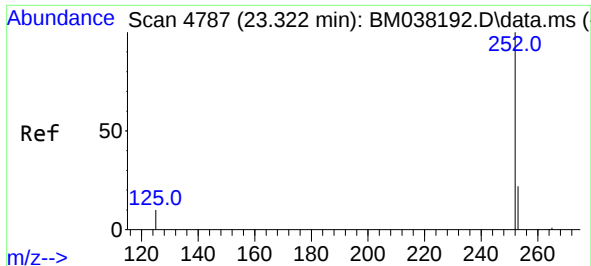


#24
Benzo(b)fluoranthene
Concen: 0.891 ng/u1 m
RT: 23.272 min Scan# 4770
Delta R.T. 0.000 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07



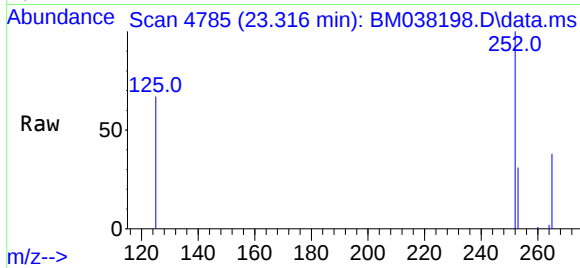
Tgt Ion:252 Resp: 39202
Ion Ratio Lower Upper
252 100
253 26.4 0.0 56.0
125 19.6 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul m
RT: 23.316 min Scan# 4785
Delta R.T. -0.006 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

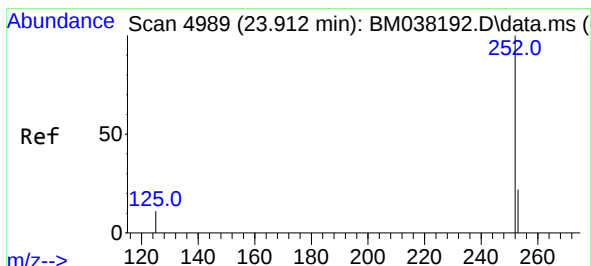
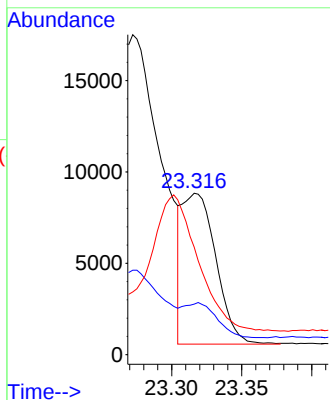
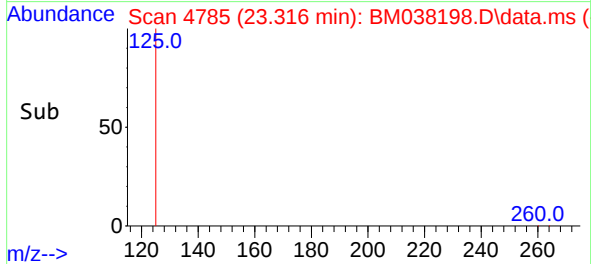
Instrument :
BNA_M
ClientSampleId :
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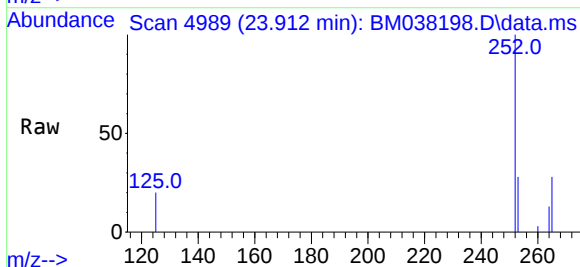
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Ion Ratio Lower Upper
252 100
253 31.4 22.5 33.7
125 66.5 14.4 21.6

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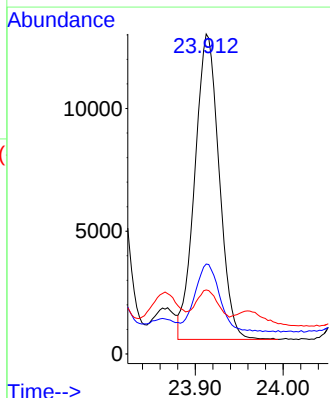
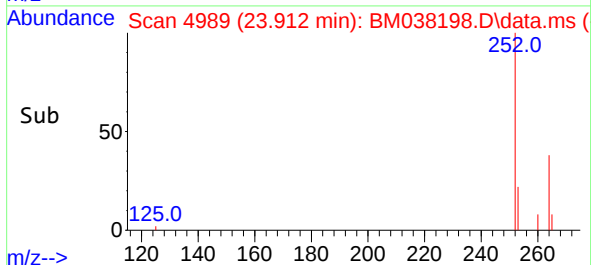
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

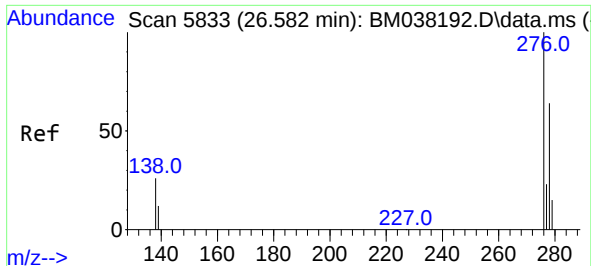


#26
Benzo(a)pyrene
Concen: 0.624 ng/ul
RT: 23.912 min Scan# 4989
Delta R.T. 0.000 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07



Tgt Ion:252 Resp: 23957
Ion Ratio Lower Upper
252 100
253 28.1 24.2 36.4
125 20.0 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.399 ng/ul

RT: 26.575 min Scan# 5831

Delta R.T. -0.006 min

Lab File: BM038198.D

Acq: 22 Dec 2022 15:07

Instrument :

BNA_M

ClientSampleId :

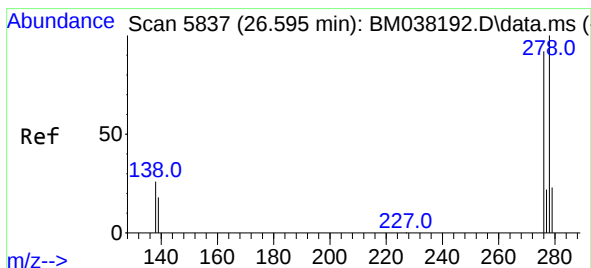
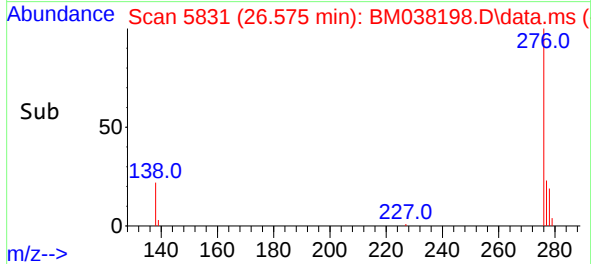
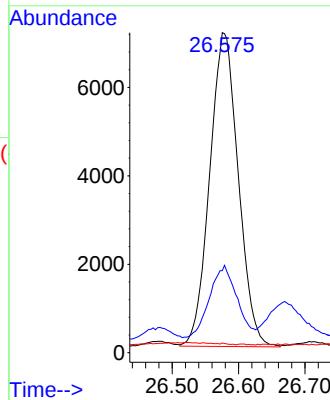
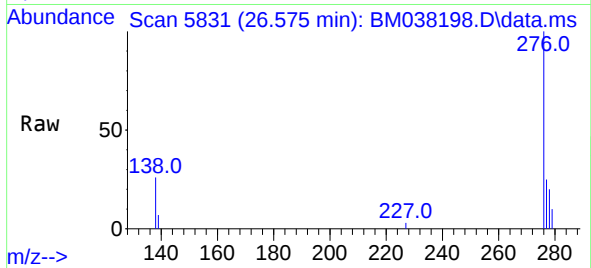
DBYJ6

Tgt Ion:	276	Resp:	2121
Ion Ratio	Lower	Upper	
276	100		
138	22.9	21.7	32.5
227	0.0	0.0	0.0

Manual Integrations

APPROVED

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



#28

Dibenzo(a,h)anthracene

Concen: 0.124 ng/ul

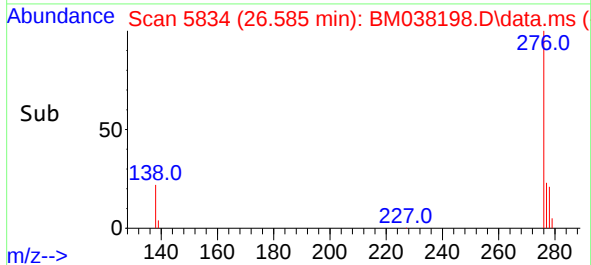
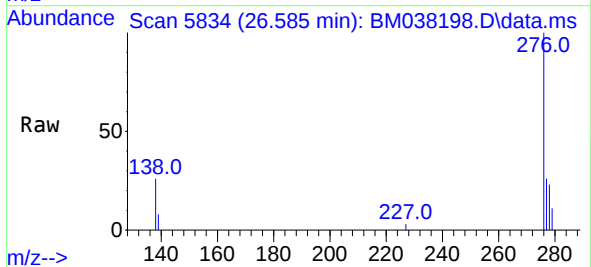
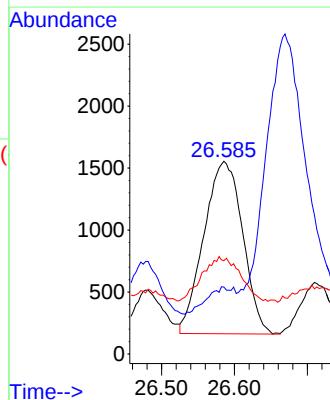
RT: 26.585 min Scan# 5834

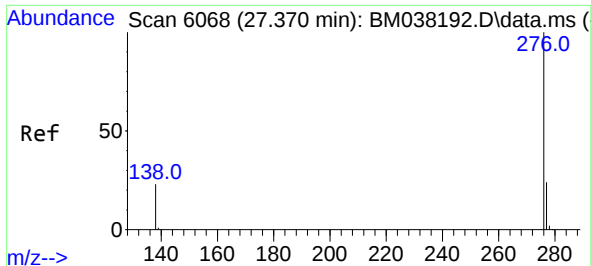
Delta R.T. -0.010 min

Lab File: BM038198.D

Acq: 22 Dec 2022 15:07

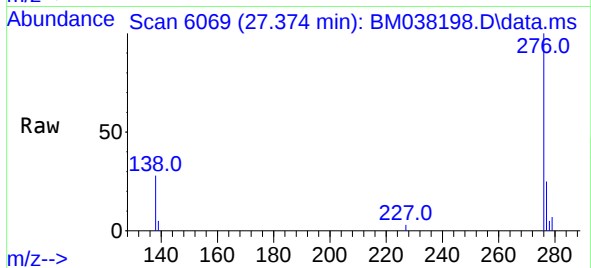
Tgt Ion:	278	Resp:	5147
Ion Ratio	Lower	Upper	
278	100		
139	34.7	16.8	25.2#
279	48.5	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.461 ng/ul
RT: 27.374 min Scan# 6068
Delta R.T. 0.004 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

Instrument :
BNA_M
ClientSampleId :
DBYJ6



Tgt Ion: 276 Resp: 2063
Ion Ratio Lower Upper
276 100
138 27.6 20.8 31.2
277 25.5 20.5 30.7

Manual Integrations
APPROVED

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

