

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038244.D
 Acq On : 23 Dec 2022 22:09
 Operator : CG/JU
 Sample : N6014-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXS4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 23 23:25:03 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	8.034	152	4297	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12925	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.662	164	7257	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	14322	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	9025	0.400	ng/ul	0.00
23) Perylene-d12	24.018	264	9225	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	24680	5.646	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	6901	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	12161	0.359	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.895	128	1312	0.035	ng/ul#	83
7) 2-Methylnaphthalene	12.500	142	612	0.026	ng/ul	98
8) 1-Methylnaphthalene	12.720	142	489	0.020	ng/ul	97
10) Acenaphthylene	14.384	152	1548	0.039	ng/ul#	77
11) Acenaphthene	14.722	153	650	0.023	ng/ul#	92
15) Phenanthrene	17.443	178	11819	0.247	ng/ul	99
16) Anthracene	17.531	178	2645	0.057	ng/ul#	88
19) Fluoranthene	19.450	202	29960	0.606	ng/ul	100
20) Pyrene	19.812	202	26011m	0.521	ng/ul	
21) Benzo(a)anthracene	21.551	228	13549	0.342	ng/ul	96
22) Chrysene	21.606	228	16293	0.423	ng/ul	97
24) Benzo(b)fluoranthene	23.269	252	26113	0.640	ng/ul	99
25) Benzo(k)fluoranthene	23.313	252	8528m	0.217	ng/ul	
26) Benzo(a)pyrene	23.909	252	17690	0.497	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.572	276	15174	0.307	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.579	278	3921	0.102	ng/ul#	54
29) Benzo(g,h,i)perylene	27.367	276	16446	0.396	ng/ul	99

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

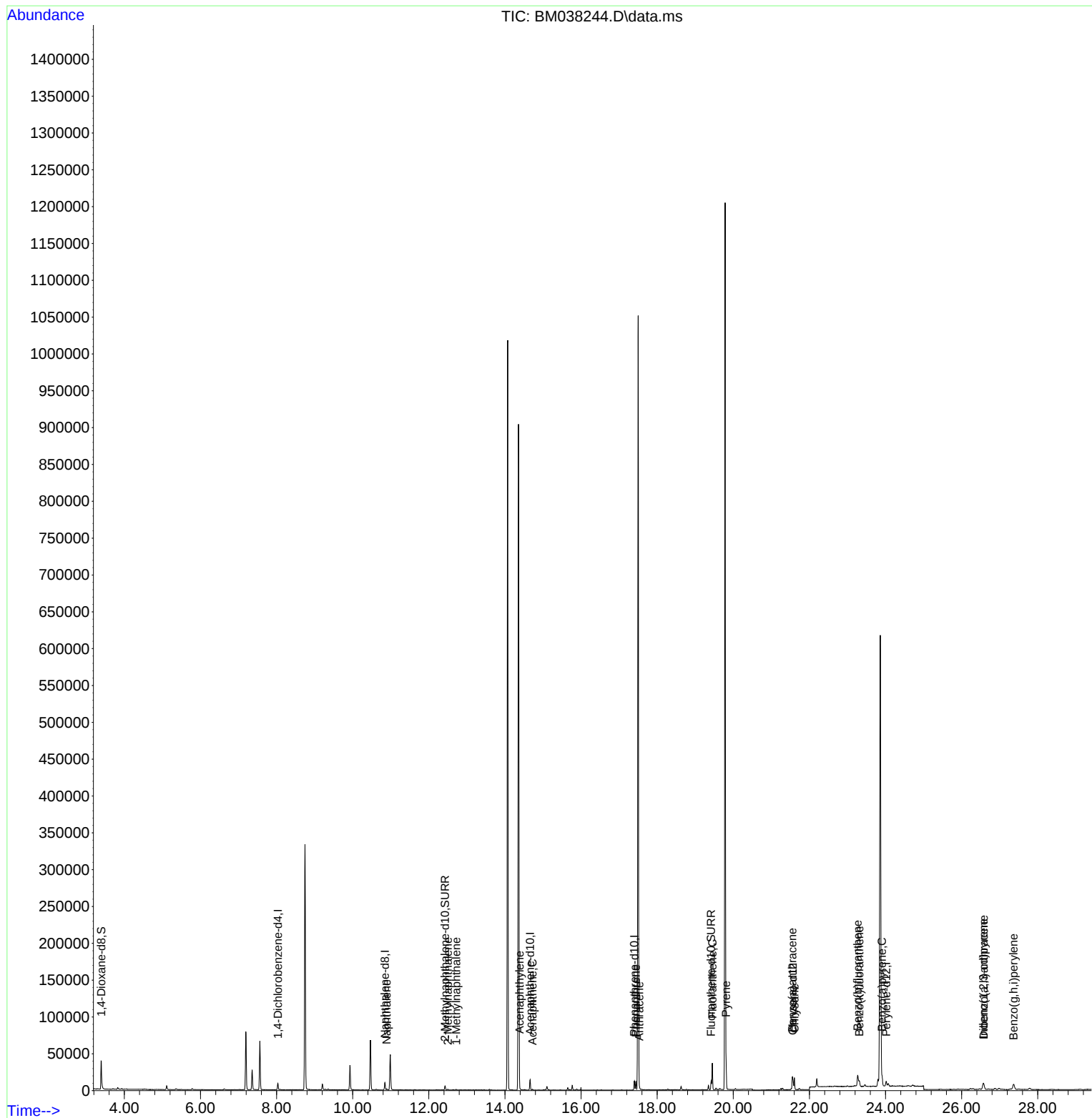
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038244.D
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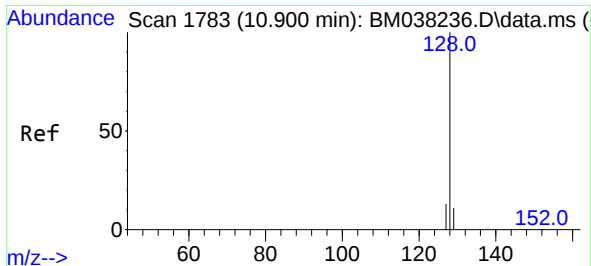
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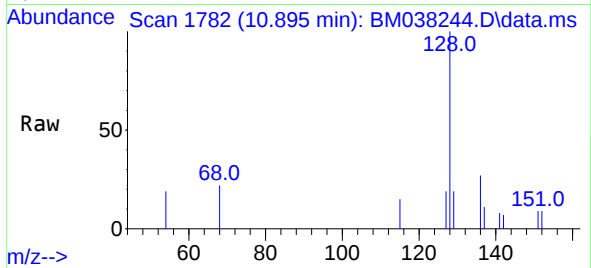
Quant Time: Dec 23 23:25:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.895 min Scan# 1783
Delta R.T. -0.011 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

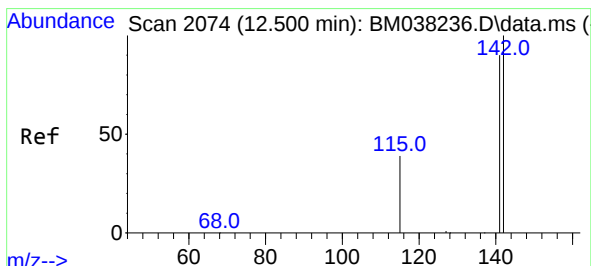
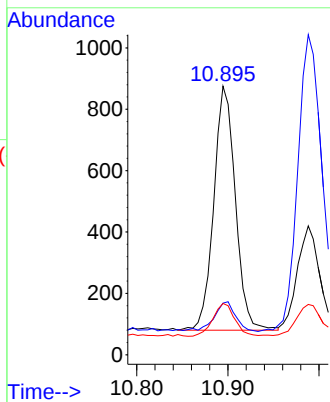
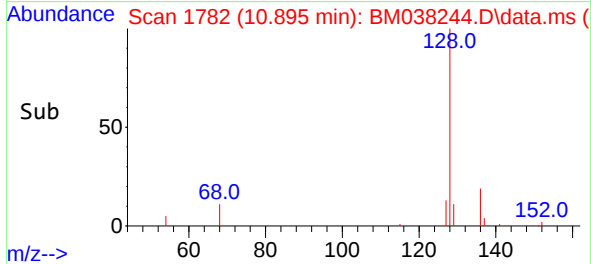
Instrument :
BNA_M
ClientSampleId :
DBXS4



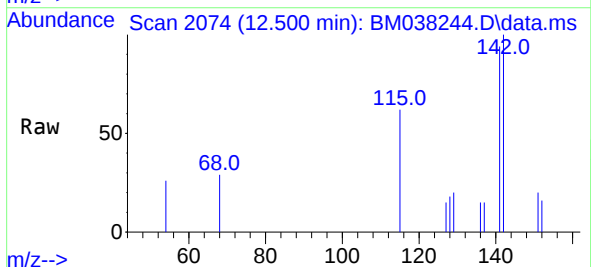
Tgt Ion:128 Resp: 1312
Ion Ratio Lower Upper
128 100
129 19.2 9.4 14.0
127 19.1 10.7 16.1

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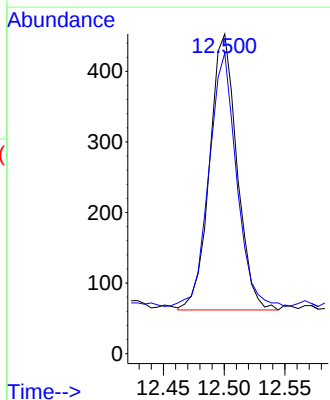
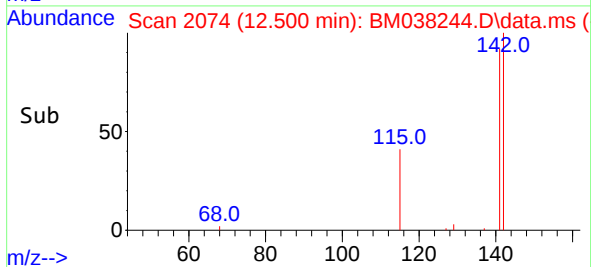
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

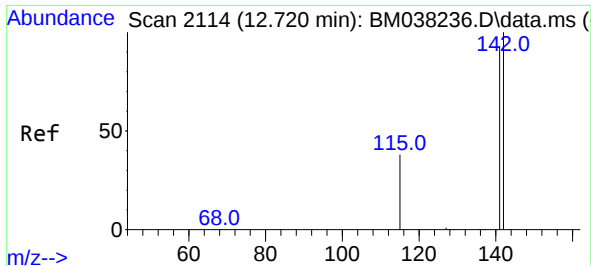


#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09



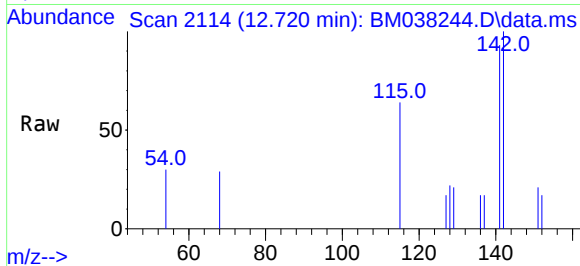
Tgt Ion:142 Resp: 612
Ion Ratio Lower Upper
142 100
141 91.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.020 ng/u1
RT: 12.720 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

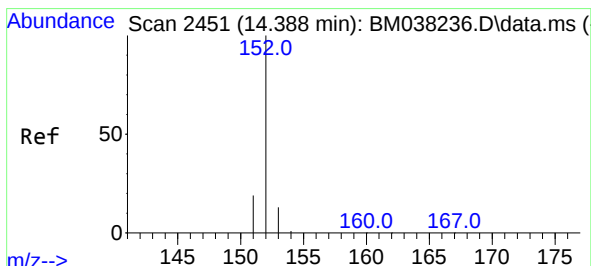
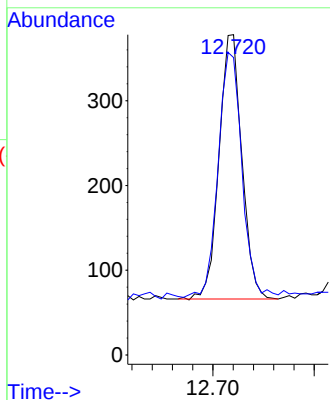
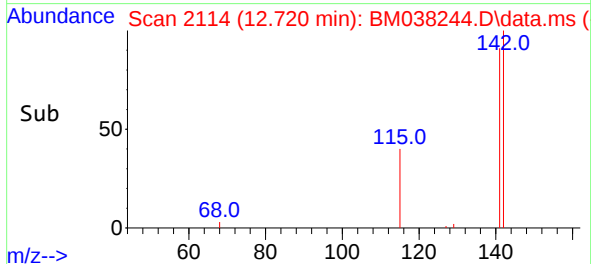
Instrument :
BNA_M
ClientSampleId :
DBXS4



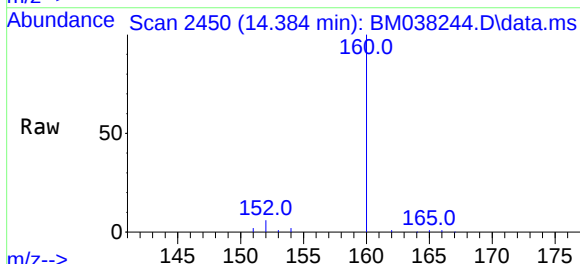
Tgt Ion:142 Resp: 489
Ion Ratio Lower Upper
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141 96.3 74.7 112.1

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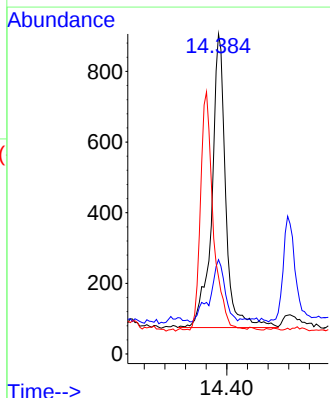
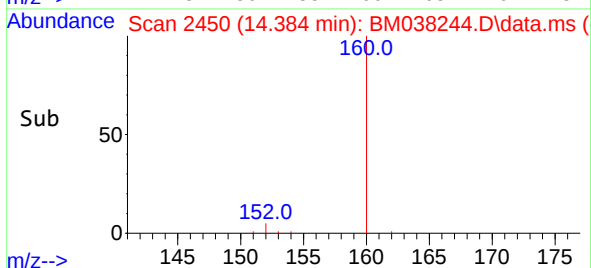
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

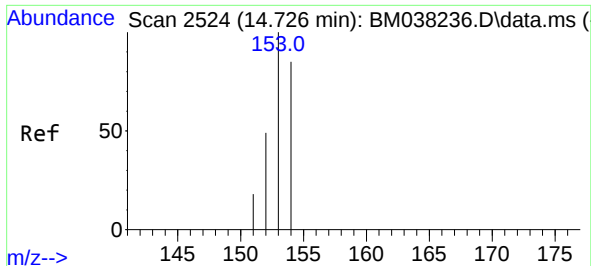


#10
Acenaphthylene
Concen: 0.039 ng/u1
RT: 14.384 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09



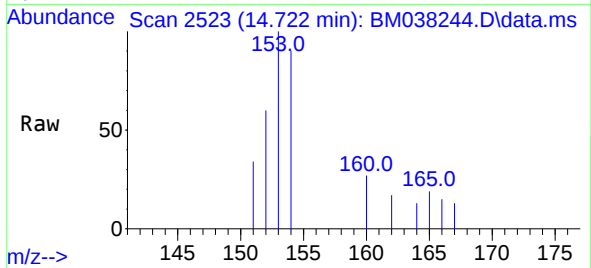
Tgt Ion:152 Resp: 1548
Ion Ratio Lower Upper
152 100
151 29.5 16.2 24.2#
153 24.2 10.7 16.1#





#11
Acenaphthene
Concen: 0.023 ng/uI
RT: 14.722 min Scan# 2524
Delta R.T. -0.009 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

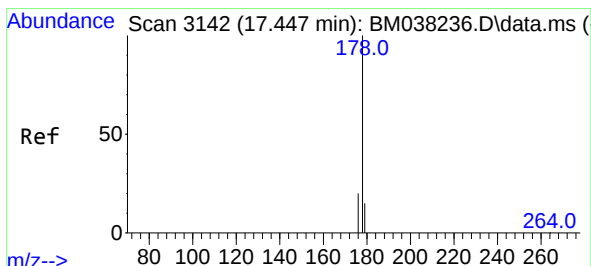
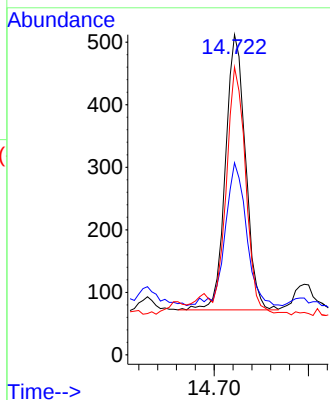
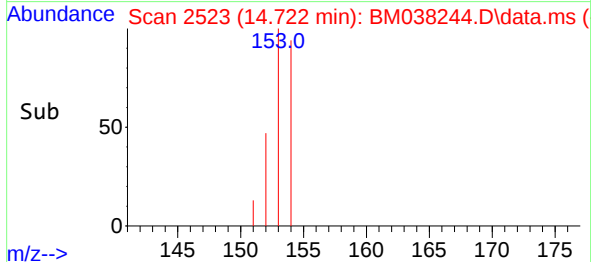
Instrument :
BNA_M
ClientSampleId :
DBXS4



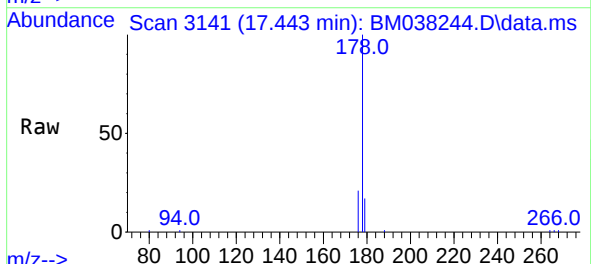
Tgt Ion:153 Resp: 650
Ion Ratio Lower Upper
153 100
152 60.0 39.4 59.0
154 89.8 69.0 103.4

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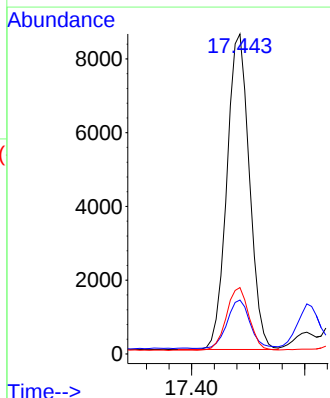
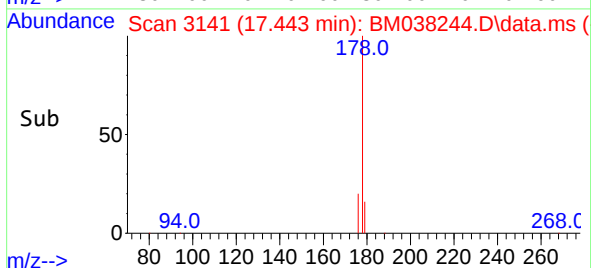
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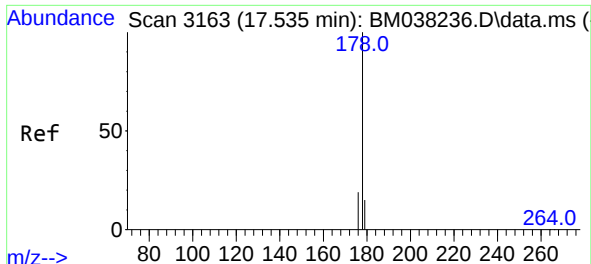


#15
Phenanthrene
Concen: 0.247 ng/uI
RT: 17.443 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09



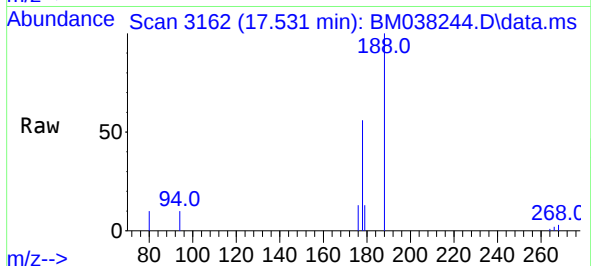
Tgt Ion:178 Resp: 11819
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.4
176 20.8 16.2 24.4





#16
 Anthracene
 Concen: 0.057 ng/u1
 RT: 17.531 min Scan# 3163
 Delta R.T. -0.008 min
 Lab File: BM038244.D
 Acq: 23 Dec 2022 22:09

Instrument :
 BNA_M
 ClientSampleId :
 DBXS4

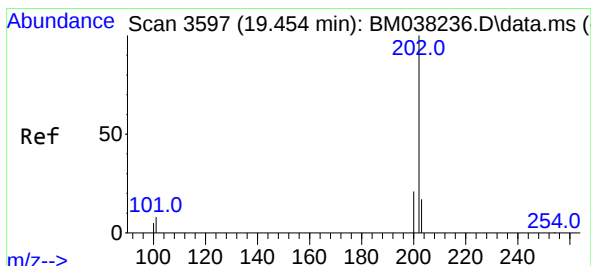
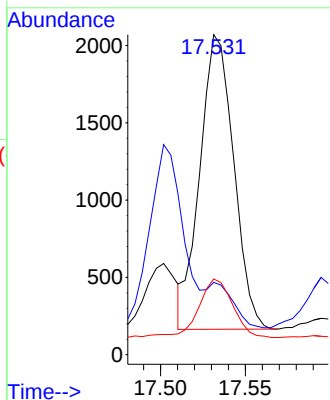
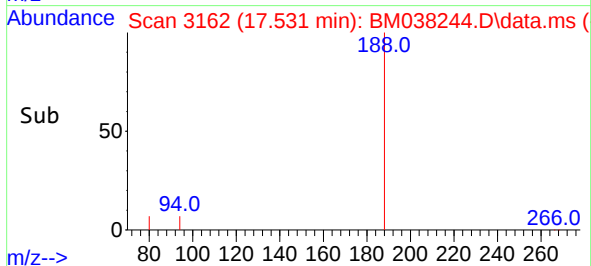


Tgt Ion:178 Resp: 264

Ion	Ratio	Lower	Upper
178	100		
179	22.6	13.0	19.6
176	23.7	15.6	23.4

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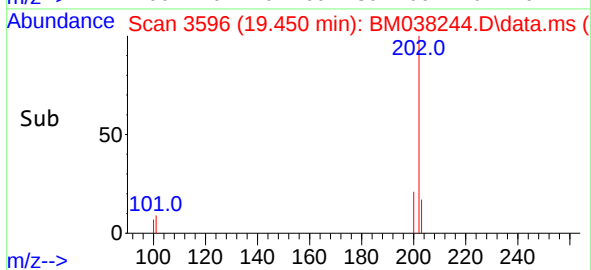
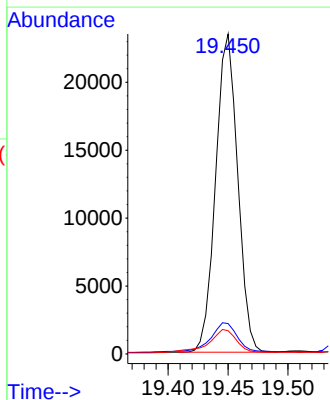
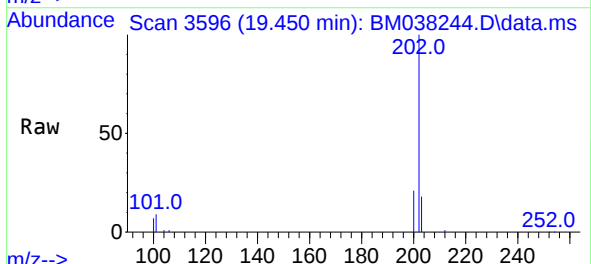
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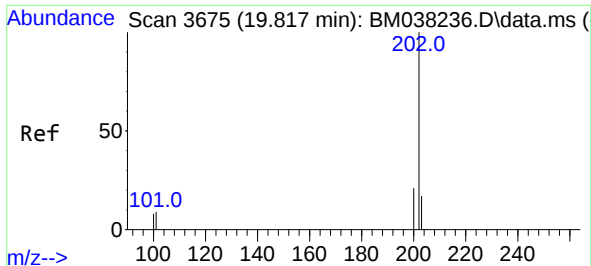


#19
 Fluoranthene
 Concen: 0.606 ng/u1
 RT: 19.450 min Scan# 3596
 Delta R.T. -0.004 min
 Lab File: BM038244.D
 Acq: 23 Dec 2022 22:09

Tgt Ion:202 Resp: 29960

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.5	11.3
100	7.3	5.6	8.4





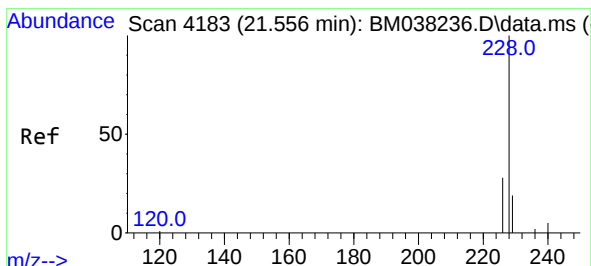
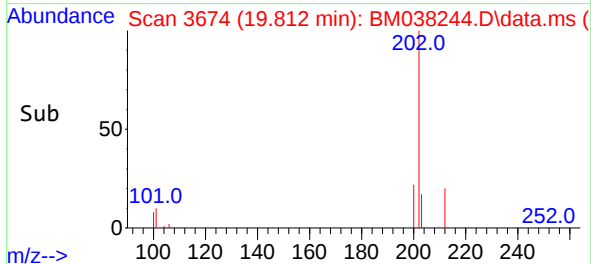
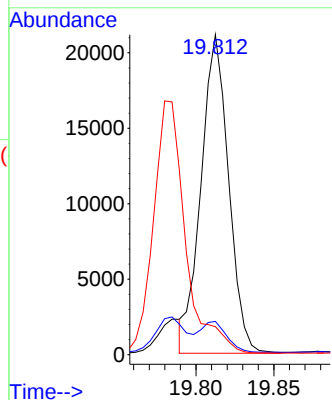
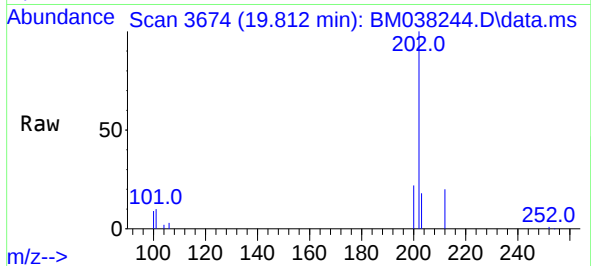
#20
Pyrene
Concen: 0.521 ng/ul m
RT: 19.812 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

Instrument :
BNA_M
ClientSampleId :
DBXS4

Tgt Ion:202	Resp:	2601
Ion Ratio	Lower	Upper
202	100	
101	10.4	8.9 13.3
100	8.7	7.4 11.0

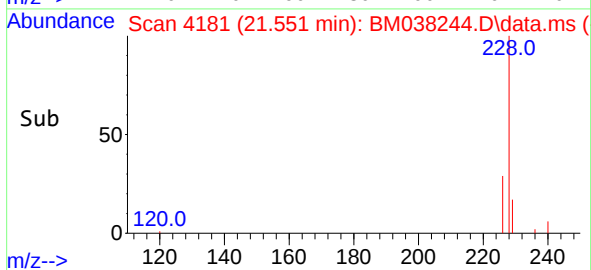
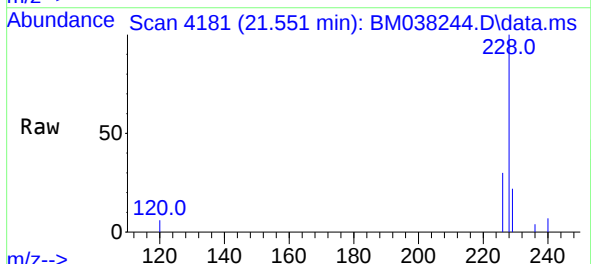
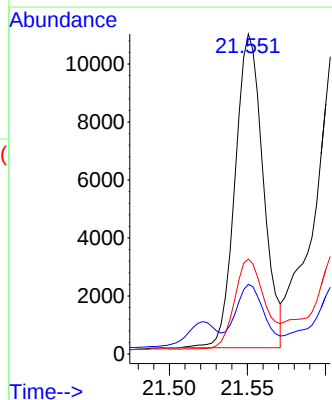
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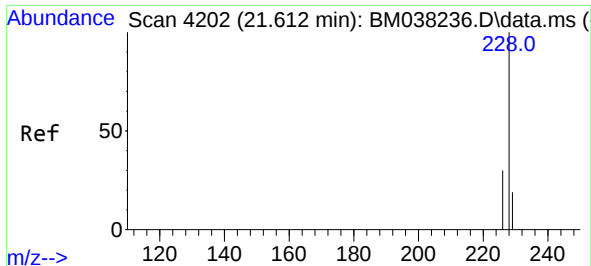
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.551 min Scan# 4181
Delta R.T. -0.009 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

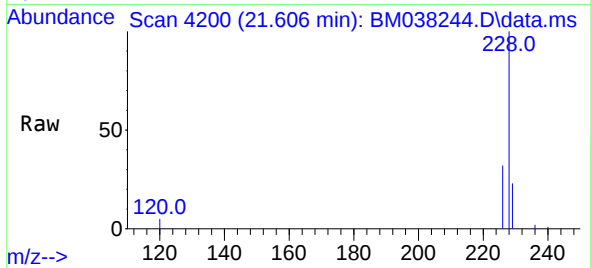
Tgt Ion:228	Resp:	13549
Ion Ratio	Lower	Upper
228	100	
229	21.8	15.5 23.3
226	29.7	22.2 33.2





#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.606 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

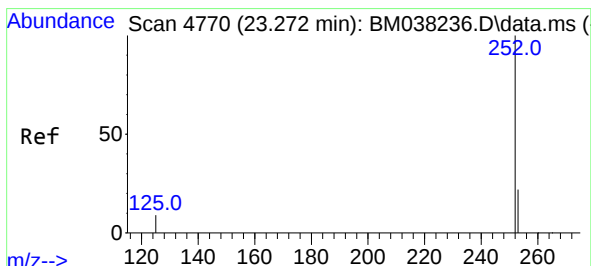
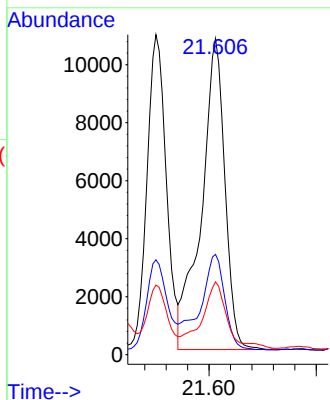
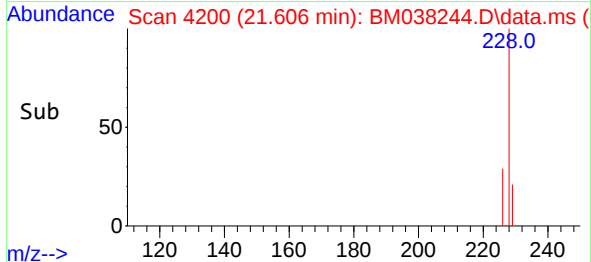
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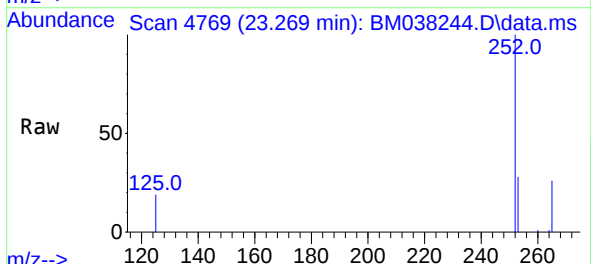
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Ion Ratio Lower Upper
228 100
226 31.8 25.0 37.4
229 23.0 16.0 24.0

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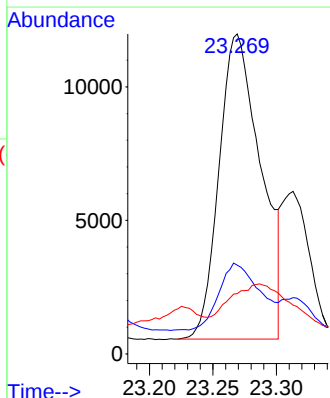
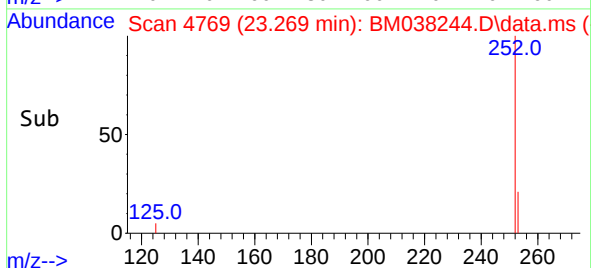
Reviewed By :Jagrut Upadhyay 12/24/2022
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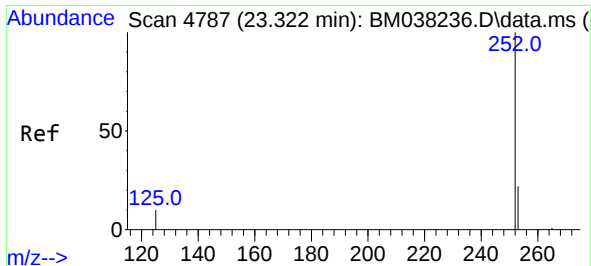


#24
Benzo(b)fluoranthene
Concen: 0.640 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09



Tgt Ion:252 Resp: 26113
Ion Ratio Lower Upper
252 100
253 27.8 0.0 56.0
125 18.8 0.0 36.6





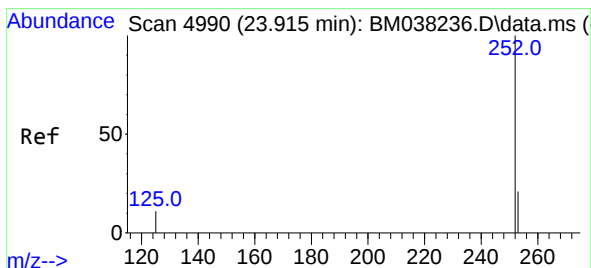
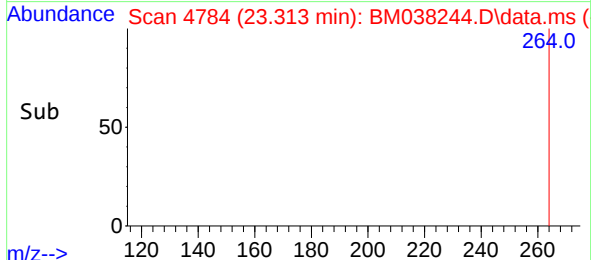
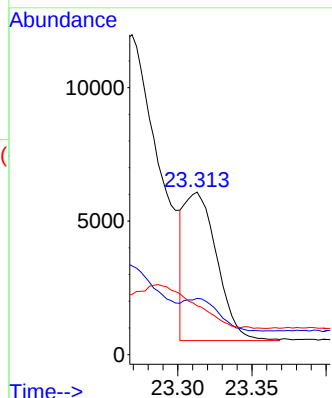
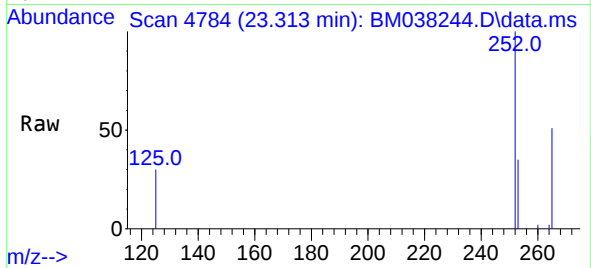
#25
Benzo(k)fluoranthene
Concen: 0.217 ng/ul m
RT: 23.313 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

Instrument :
BNA_M
ClientSampleId :
DBXS4

Tgt Ion:252 Resp: 8528
Ion Ratio Lower Upper
252 100
253 34.7 22.5 33.7
125 30.0 14.4 21.6

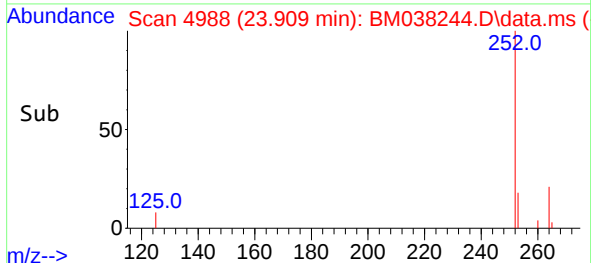
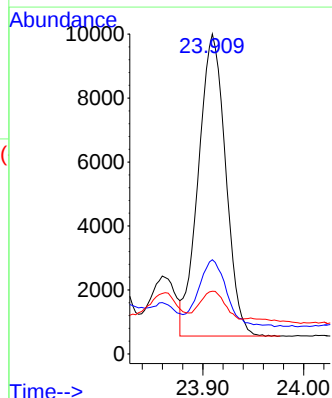
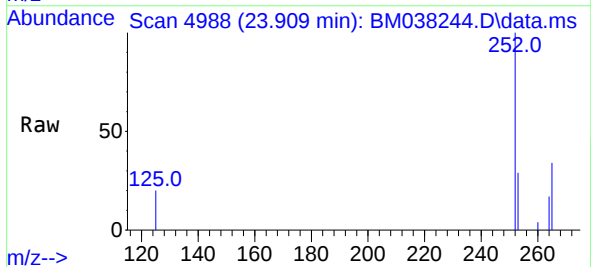
Manual Integrations
APPROVED

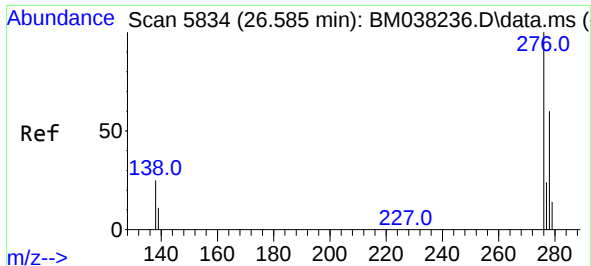
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#26
Benzo(a)pyrene
Concen: 0.497 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. -0.003 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

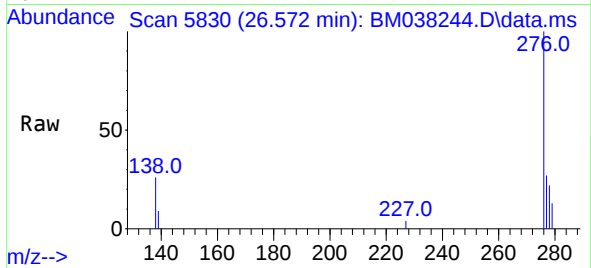
Tgt Ion:252 Resp: 17690
Ion Ratio Lower Upper
252 100
253 29.4 24.2 36.4
125 19.6 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.307 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. -0.010 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

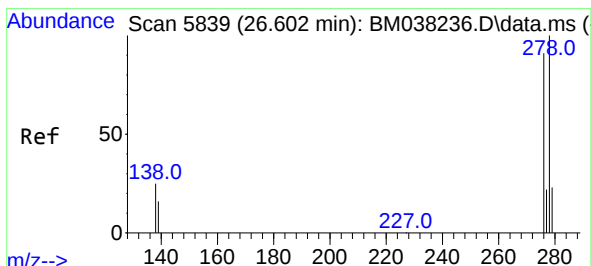
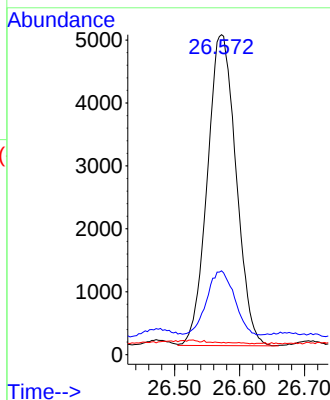
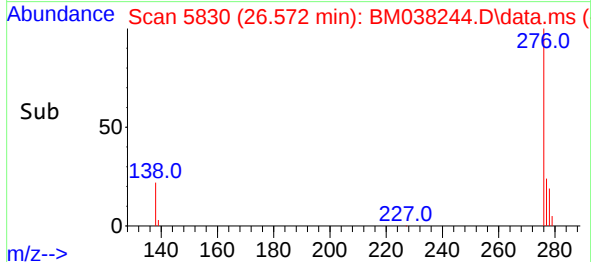
Instrument :
BNA_M
ClientSampleId :
DBXS4



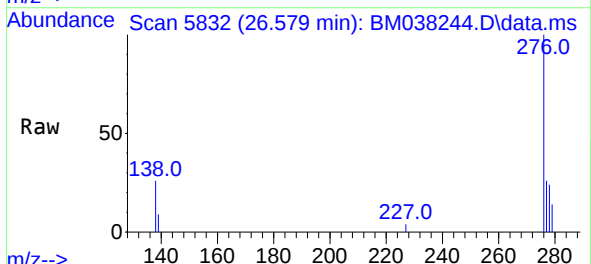
Tgt Ion:276 Resp: 15174
Ion Ratio Lower Upper
276 100
138 20.6 21.7 32.5#
227 0.0 0.0 0.0

Manual Integrations
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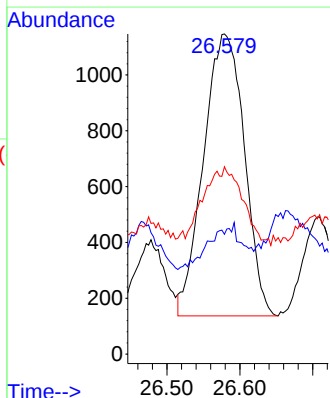
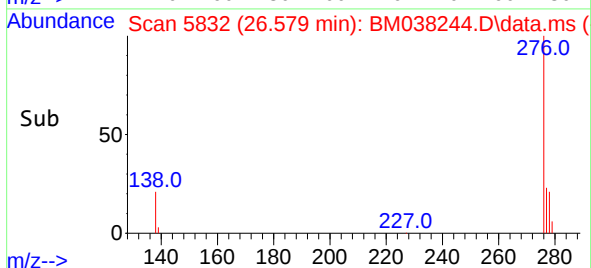
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

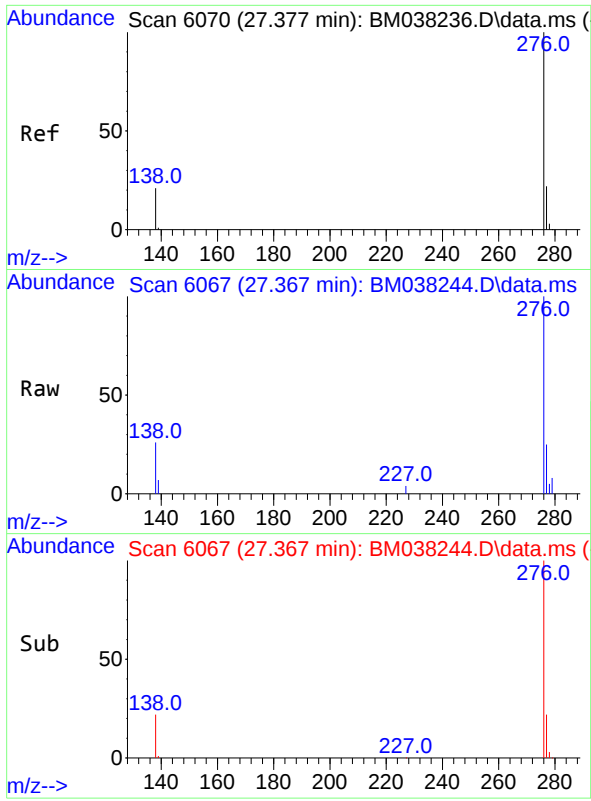


#28
Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 26.579 min Scan# 5832
Delta R.T. -0.017 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09



Tgt Ion:278 Resp: 3921
Ion Ratio Lower Upper
278 100
139 37.4 16.8 25.2#
279 58.5 23.4 35.2#





#29

Benzo(g,h,i)perylene

Concen: 0.396 ng/ul

RT: 27.367 min Scan# 60

Delta R.T. -0.003 min

Lab File: BM038244.D

Acq: 23 Dec 2022 22:09

Instrument :

BNA_M

ClientSampleId :

DBXS4

Tgt Ion:276 Resp: 1644

Ion Ratio Lower Upper

276 100

138 26.4 20.8 31.2

277 24.9 20.5 30.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/24/2022

Supervised By :Yogesh Patel 12/24/2022

