

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038266.D
 Acq On : 24 Dec 2022 11:56
 Operator : CG/JU
 Sample : N6018-19
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYK4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 02:55:31 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 : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4112	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12140	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	7004	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	12969	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	8879	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	8508	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	16686	3.989	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4991	0.279	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	8788	0.264	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.894	128	1865	0.052	ng/ul#	89
7) 2-Methylnaphthalene	12.495	142	715	0.032	ng/ul	100
8) 1-Methylnaphthalene	12.715	142	522	0.023	ng/ul	93
10) Acenaphthylene	14.384	152	1502	0.039	ng/ul#	77
11) Acenaphthene	14.721	153	654	0.024	ng/ul#	92
15) Phenanthrene	17.438	178	11494	0.265	ng/ul	98
16) Anthracene	17.531	178	2102	0.050	ng/ul#	88
19) Fluoranthene	19.445	202	32807	0.674	ng/ul	99
20) Pyrene	19.812	202	27403m	0.557	ng/ul	
21) Benzo(a)anthracene	21.553	228	13652	0.351	ng/ul	95
22) Chrysene	21.606	228	17227	0.454	ng/ul	96
24) Benzo(b)fluoranthene	23.266	252	26322	0.699	ng/ul	100
25) Benzo(k)fluoranthene	23.310	252	8213m	0.227	ng/ul	
26) Benzo(a)pyrene	23.906	252	16648	0.507	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.572	276	14508	0.318	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.579	278	3461	0.098	ng/ul#	52
29) Benzo(g,h,i)perylene	27.363	276	14842	0.387	ng/ul	99

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

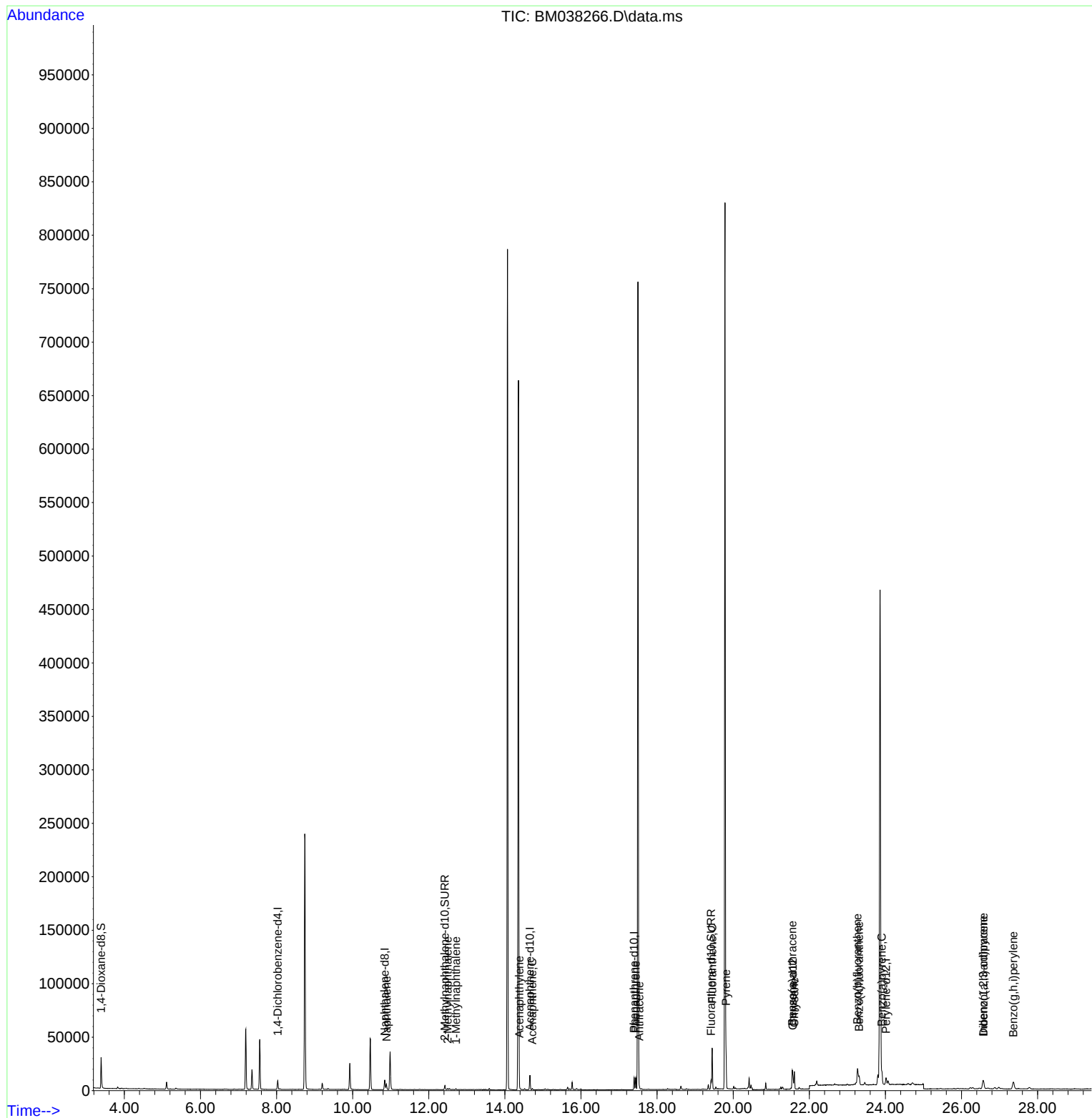
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038266.D
Acq On : 24 Dec 2022 11:56
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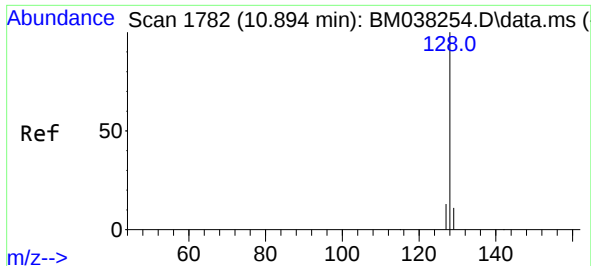
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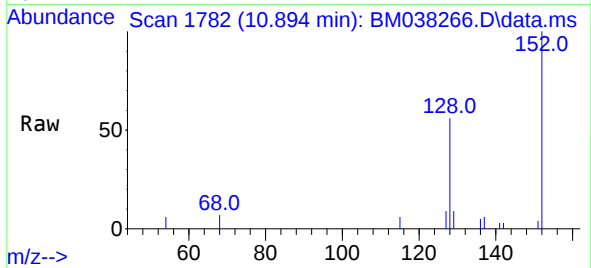
Quant Time: Dec 25 02:55:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.052 ng/uI
RT: 10.894 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

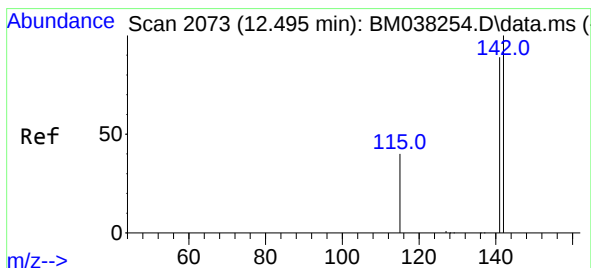
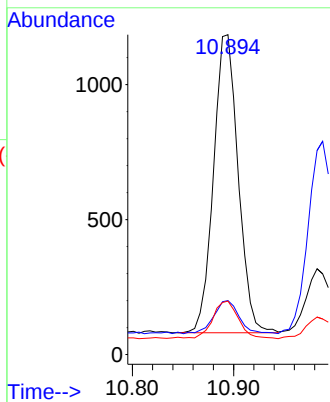
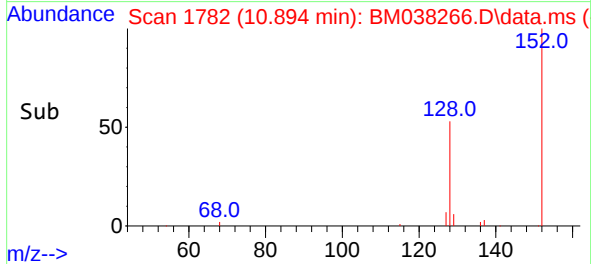
Instrument :
BNA_M
ClientSampleId :
DBYK4



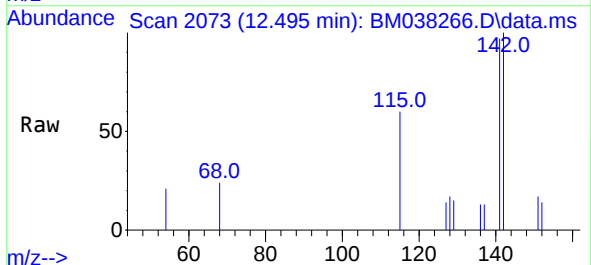
Tgt Ion:128 Resp: 186
Ion Ratio Lower Upper
128 100
129 16.9 9.4 14.0
127 16.7 10.7 16.1

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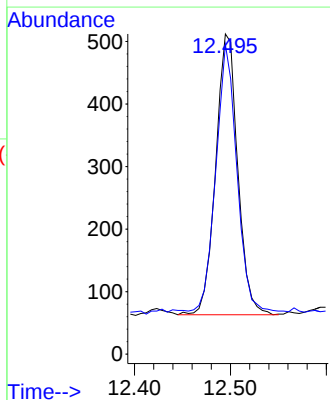
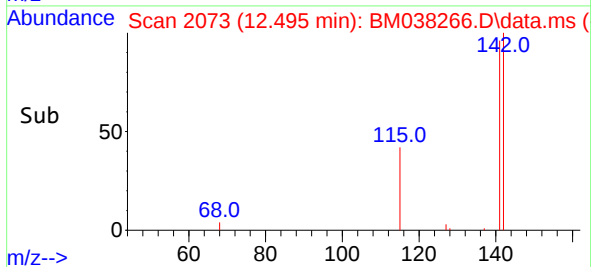
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

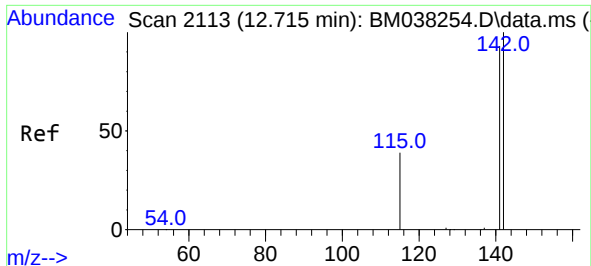


#7
2-Methylnaphthalene
Concen: 0.032 ng/uI
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56



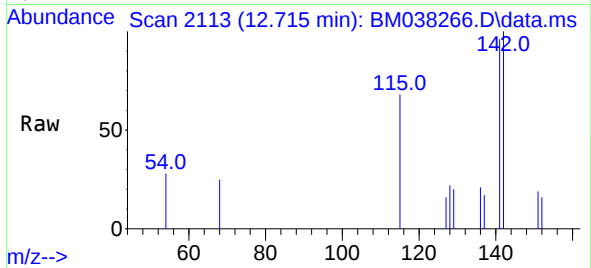
Tgt Ion:142 Resp: 715
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.023 ng/u1
RT: 12.715 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

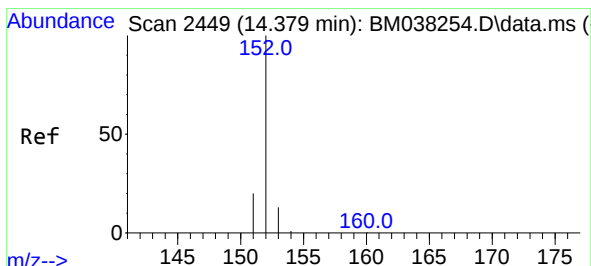
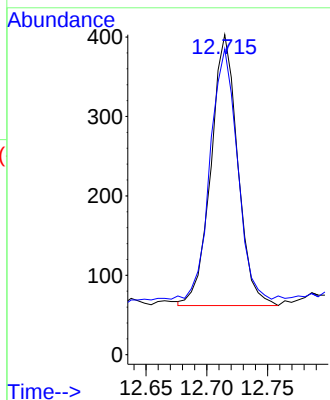
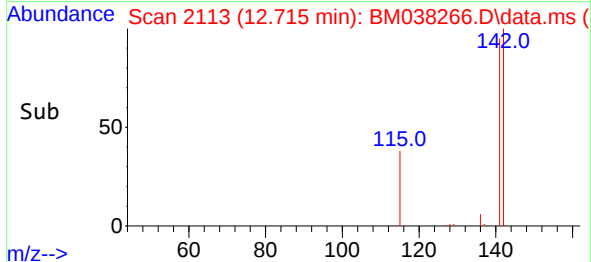
Instrument :
BNA_M
ClientSampleId :
DBYK4



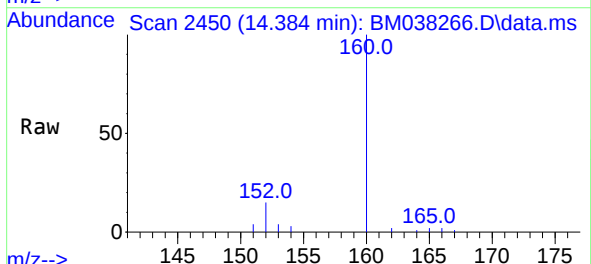
Tgt Ion:142 Resp: 521
Ion Ratio Lower Upper
142 100
141 99.8 74.7 112.1

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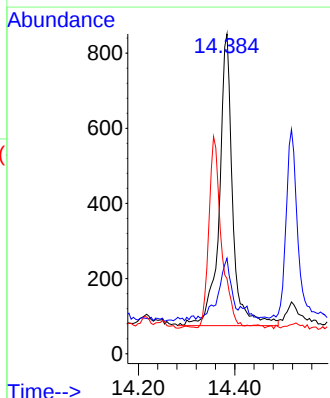
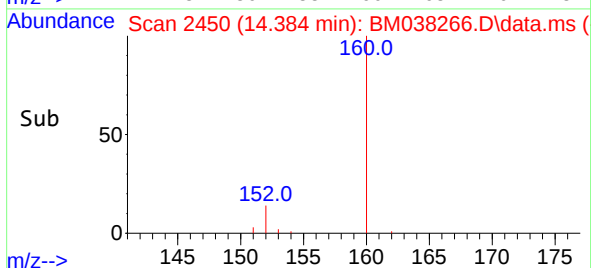
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

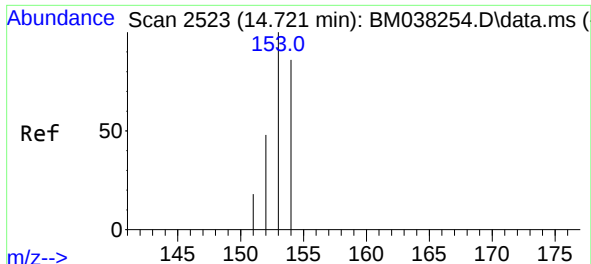


#10
Acenaphthylene
Concen: 0.039 ng/u1
RT: 14.384 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56



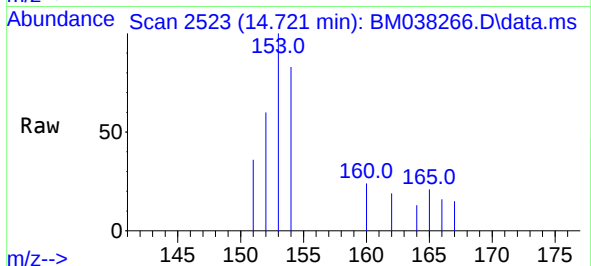
Tgt Ion:152 Resp: 1502
Ion Ratio Lower Upper
152 100
151 29.8 16.2 24.2#
153 23.5 10.7 16.1#





#11
Acenaphthene
Concen: 0.024 ng/u1
RT: 14.721 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

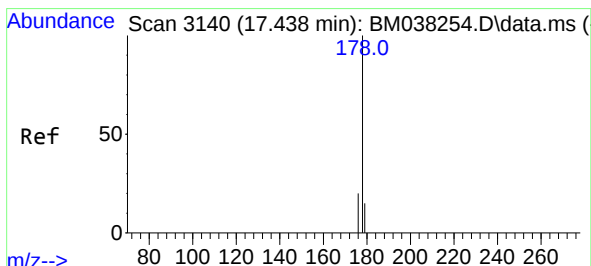
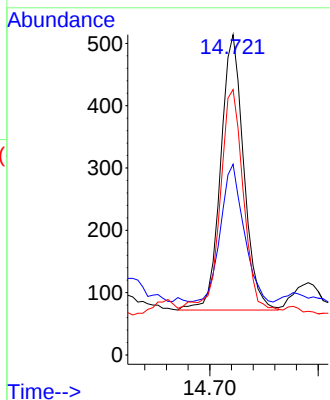
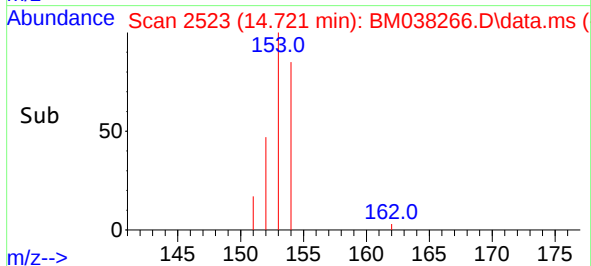
Instrument :
BNA_M
ClientSampleId :
DBYK4



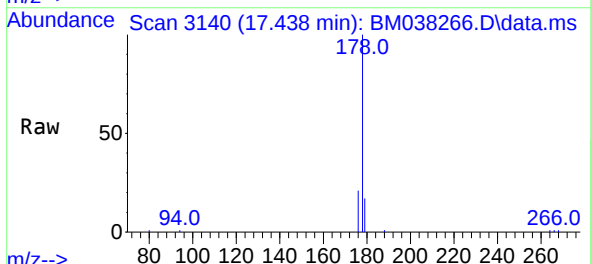
Tgt Ion:153 Resp: 654
Ion Ratio Lower Upper
153 100
152 59.5 39.4 59.0
154 82.9 69.0 103.4

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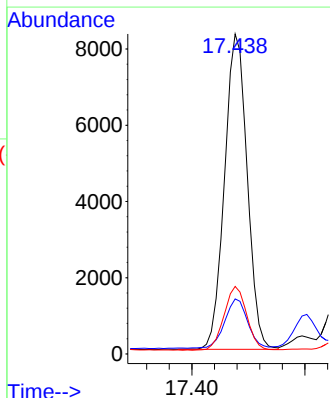
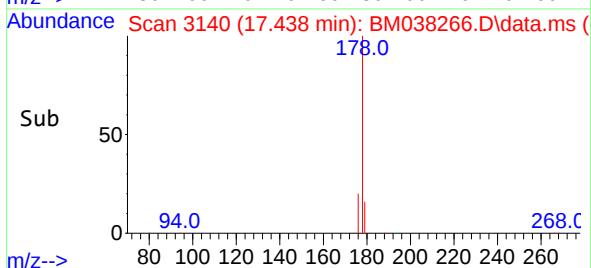
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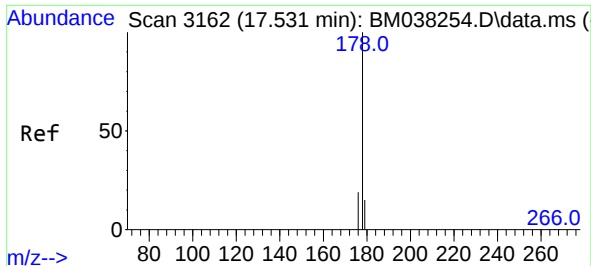


#15
Phenanthrene
Concen: 0.265 ng/u1
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56



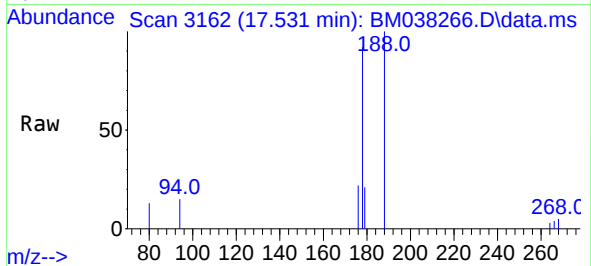
Tgt Ion:178 Resp: 11494
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.4
176 21.1 16.2 24.4





#16
 Anthracene
 Concen: 0.050 ng/ul
 RT: 17.531 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: BM038266.D
 Acq: 24 Dec 2022 11:56

Instrument :
 BNA_M
 ClientSampleId :
 DBYK4

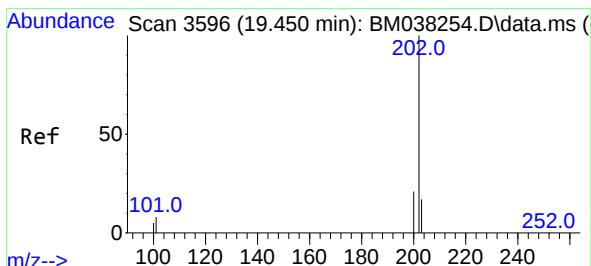
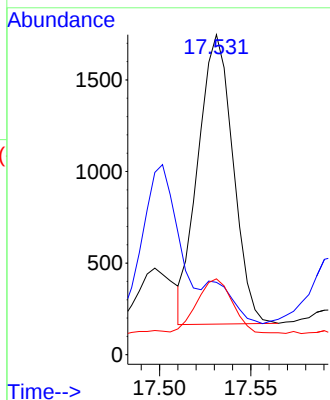
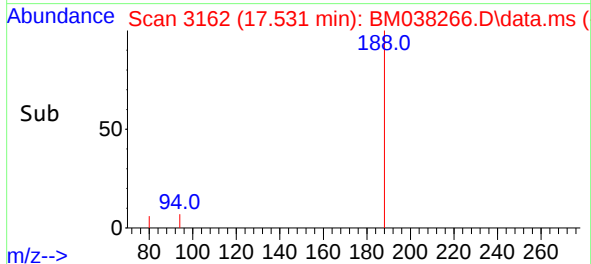


Tgt Ion:178 Resp: 210

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

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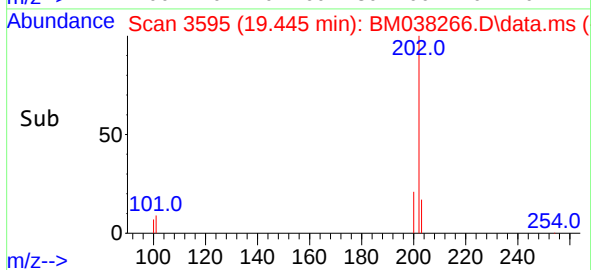
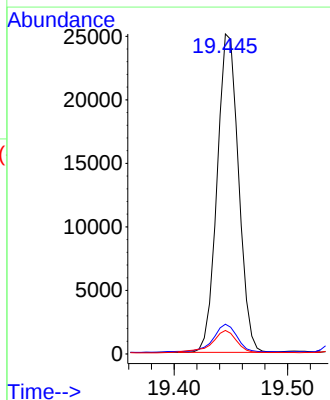
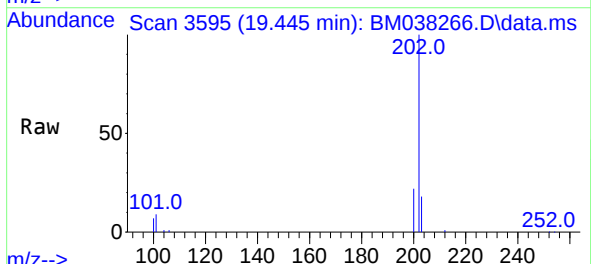
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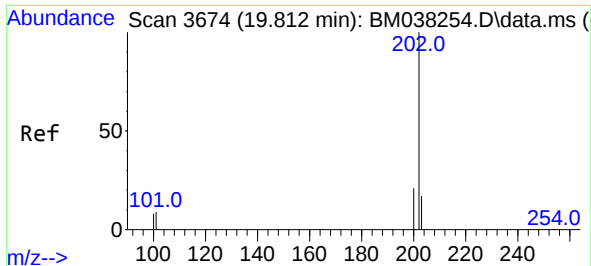


#19
 Fluoranthene
 Concen: 0.674 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038266.D
 Acq: 24 Dec 2022 11:56

Tgt Ion:202 Resp: 32807

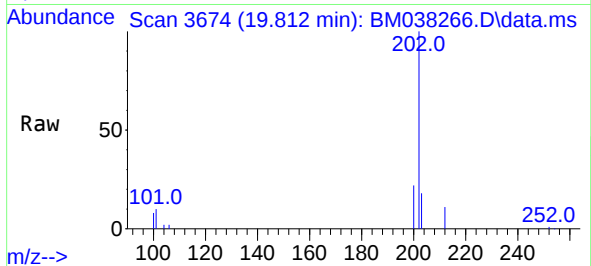
Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.5	11.3
100	7.4	5.6	8.4





#20
Pyrene
Concen: 0.557 ng/ul m
RT: 19.812 min Scan# 3674
Delta R.T. 0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

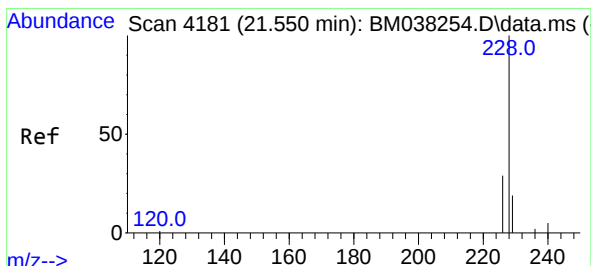
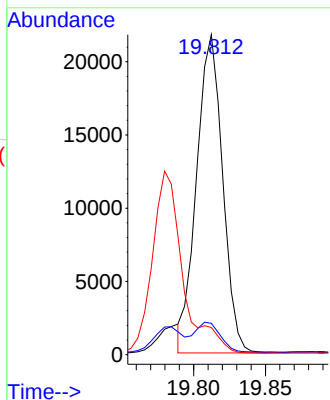
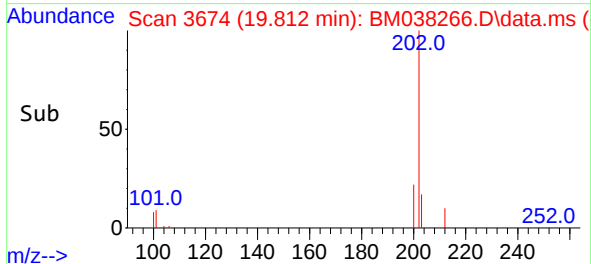
Instrument :
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ClientSampleId :
DBYK4



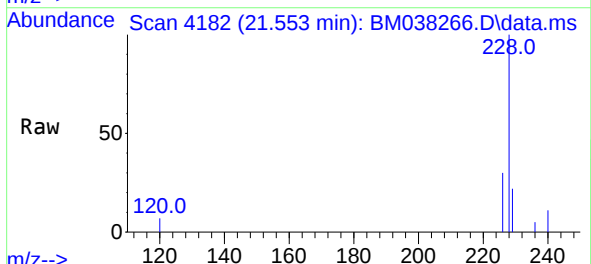
Tgt Ion:202 Resp: 2740
Ion Ratio Lower Upper
202 100
101 9.8 8.9 13.3
100 8.5 7.4 11.0

Manual Integrations
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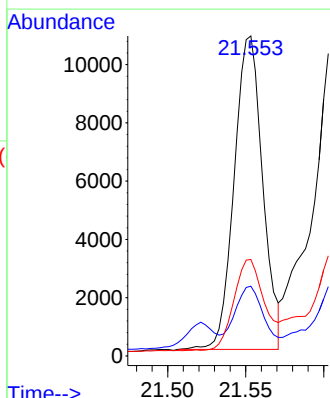
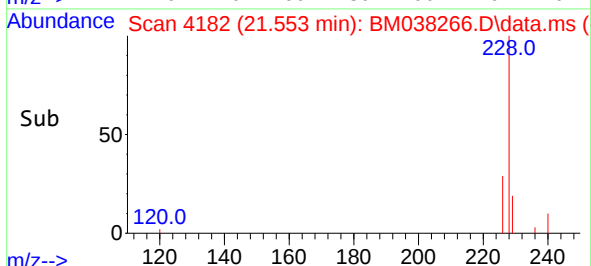
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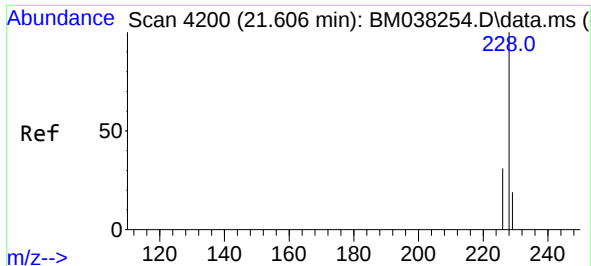


#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. 0.003 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56



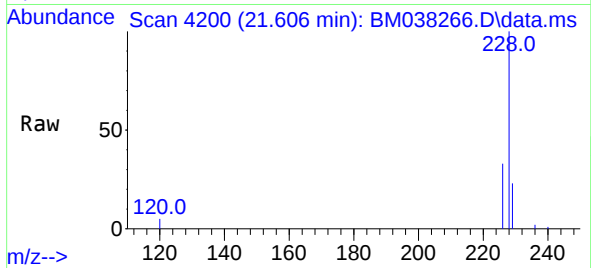
Tgt Ion:228 Resp: 13652
Ion Ratio Lower Upper
228 100
229 21.8 15.5 23.3
226 30.2 22.2 33.2





#22
Chrysene
Concen: 0.454 ng/u1
RT: 21.606 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

Instrument :
BNA_M
ClientSampleId :
DBYK4

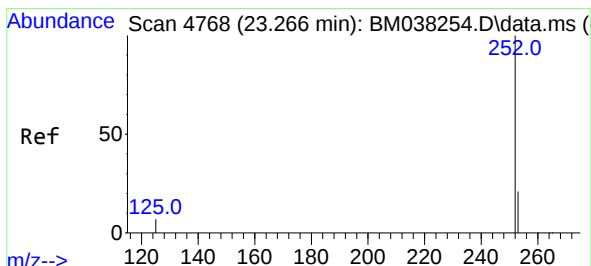
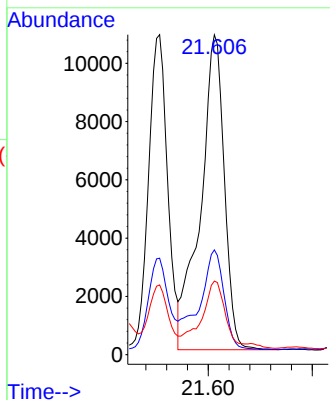
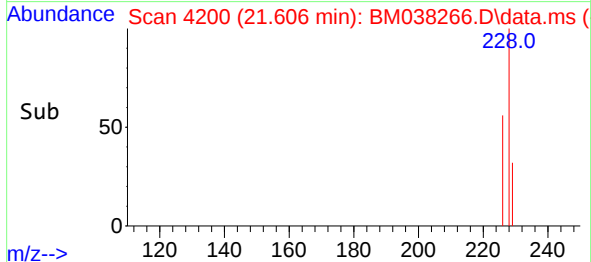


Tgt Ion:228 Resp: 1722

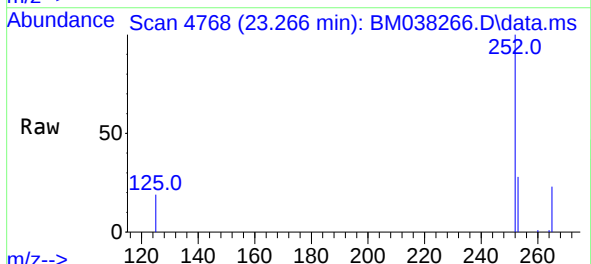
Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.4
229	23.0	16.0	24.0

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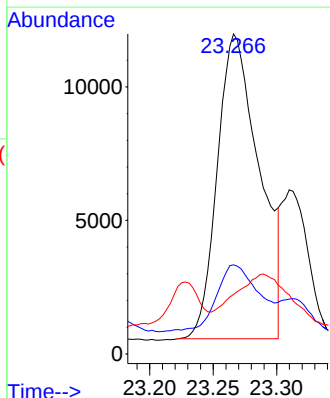
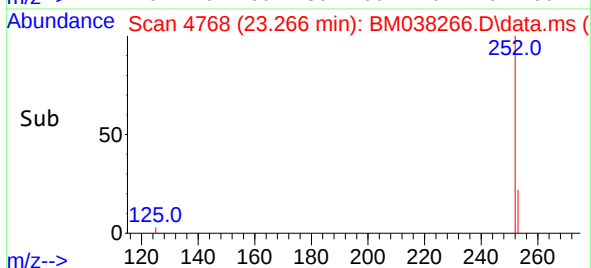


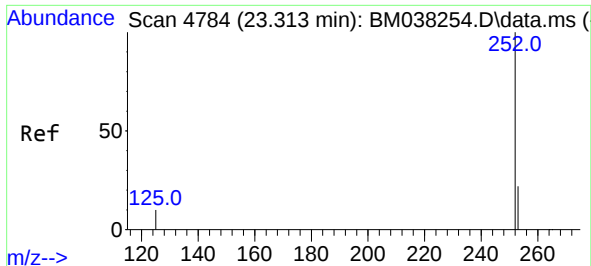
#24
Benzo(b)fluoranthene
Concen: 0.699 ng/u1
RT: 23.266 min Scan# 4768
Delta R.T. 0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56



Tgt Ion:252 Resp: 26322

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	56.0
125	18.6	0.0	36.6





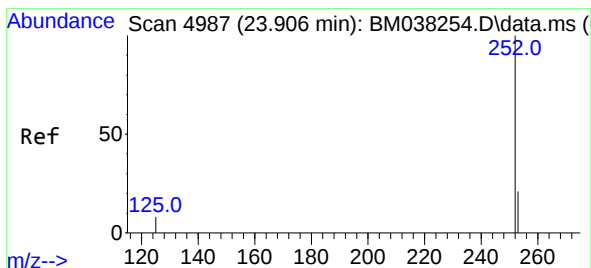
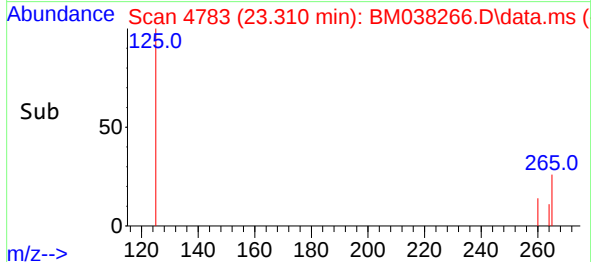
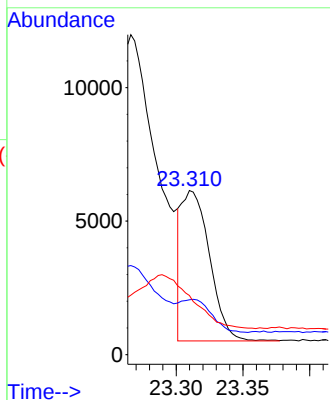
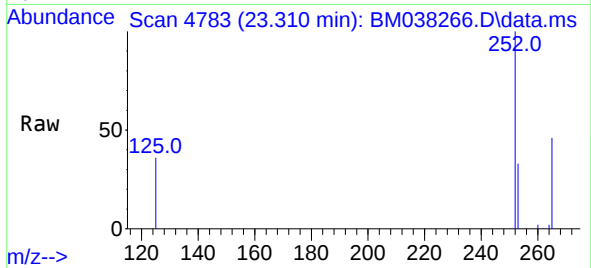
#25
Benzo(k)fluoranthene
Concen: 0.227 ng/ul m
RT: 23.310 min Scan# 4784
Delta R.T. -0.003 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

Instrument :
BNA_M
ClientSampleId :
DBYK4

Tgt Ion:252 Resp: 821
Ion Ratio Lower Upper
252 100
253 33.4 22.5 33.7
125 36.1 14.4 21.6

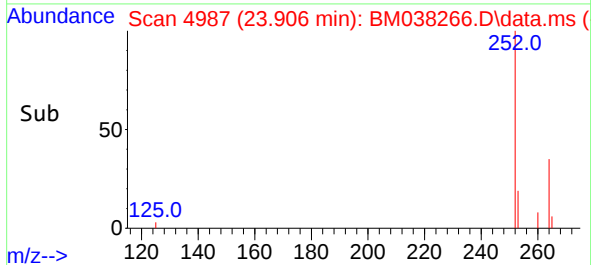
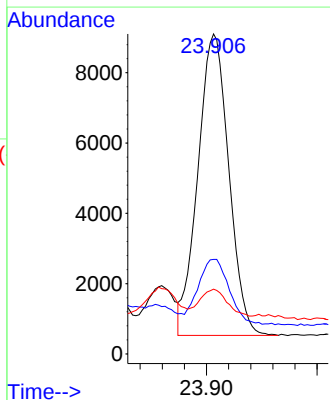
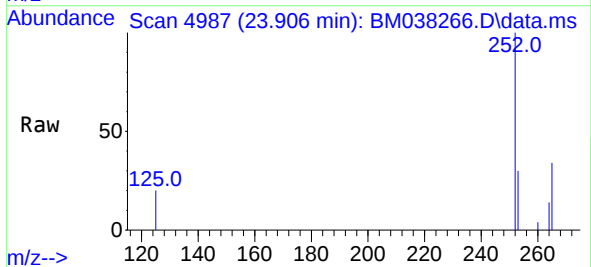
Manual Integrations
APPROVED

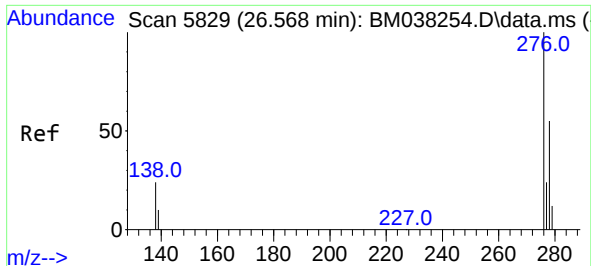
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#26
Benzo(a)pyrene
Concen: 0.507 ng/ul
RT: 23.906 min Scan# 4987
Delta R.T. 0.000 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

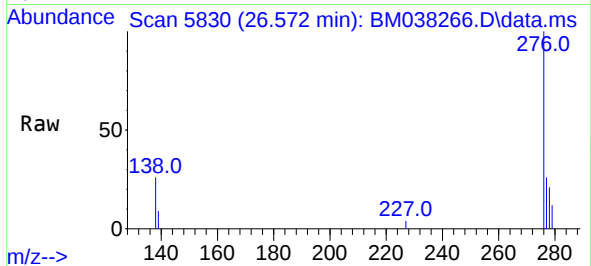
Tgt Ion:252 Resp: 16648
Ion Ratio Lower Upper
252 100
253 29.5 24.2 36.4
125 20.3 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. 0.003 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56

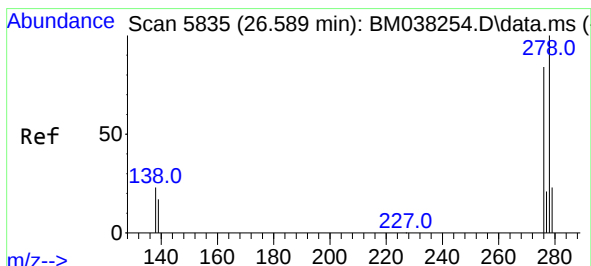
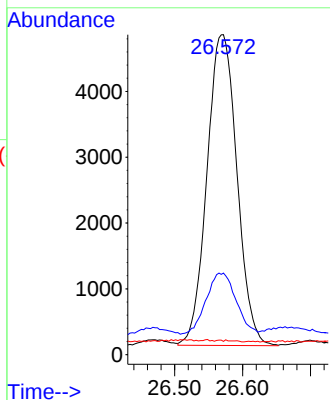
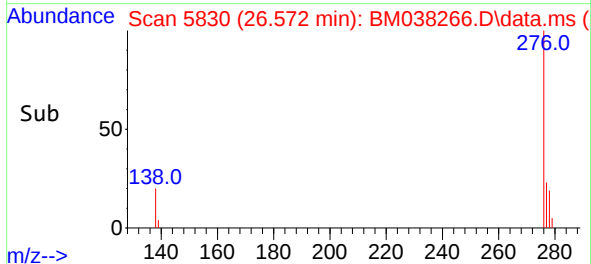
Instrument :
BNA_M
ClientSampleId :
DBYK4



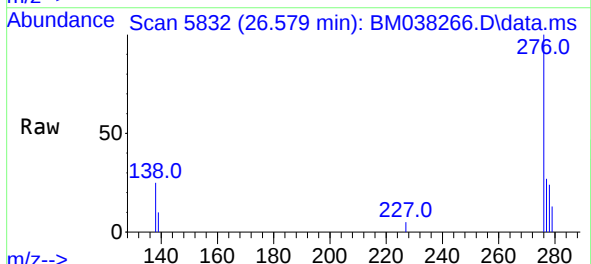
Tgt Ion:276 Resp: 14508
Ion Ratio Lower Upper
276 100
138 0.0 21.7 32.5#
227 0.2 0.0 0.0#

Manual Integrations
APPROVED

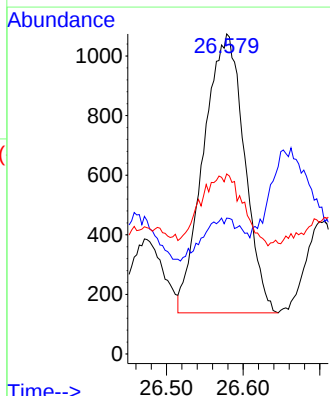
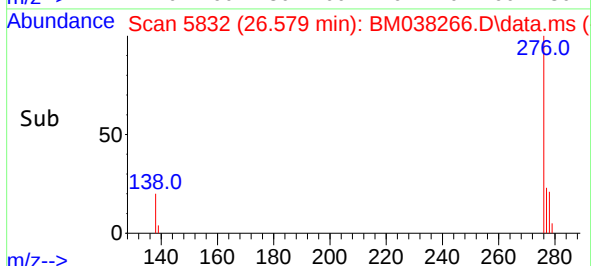
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

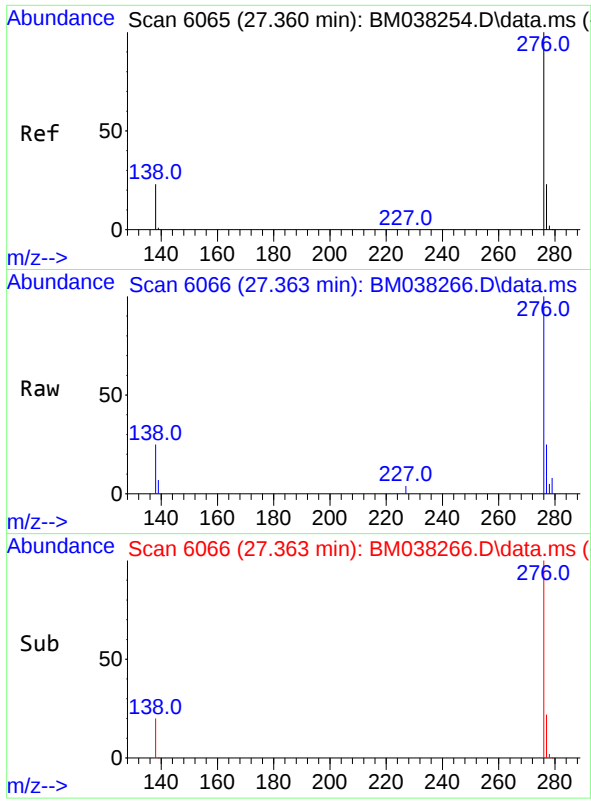


#28
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 26.579 min Scan# 5832
Delta R.T. -0.010 min
Lab File: BM038266.D
Acq: 24 Dec 2022 11:56



Tgt Ion:278 Resp: 3461
Ion Ratio Lower Upper
278 100
139 42.5 16.8 25.2#
279 56.2 23.4 35.2#





#29

Benzo(g,h,i)perylene

Concen: 0.387 ng/ul

RT: 27.363 min Scan# 6066

Delta R.T. 0.003 min

Lab File: BM038266.D

Acq: 24 Dec 2022 11:56

Instrument :

BNA_M

ClientSampleId :

DBYK4

Tgt Ion:276 Resp: 1484

Ion Ratio Lower Upper

276 100

138 25.1 20.8 31.2

277 25.3 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022

Supervised By :Yogesh Patel 12/25/2022

