

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035087.D
 Acq On : 15 May 2022 04:45
 Operator : CG/JU
 Sample : N2632-09
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4B1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 15 05:25:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	2289	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	7199	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	5039	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	12088	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	14230	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	14123	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	7572	2.762	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	2409	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	8381	0.172	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	5029	0.212	ng/ul#	91
7) 2-Methylnaphthalene	12.376	142	1856	0.119	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	1581	0.109	ng/ul	97
10) Acenaphthylene	14.270	152	7949	0.266	ng/ul#	92
11) Acenaphthene	14.612	153	13783	0.640	ng/ul	96
12) Fluorene	15.597	166	16181	0.643	ng/ul#	96
15) Phenanthrene	17.334	178	286910	6.231	ng/ul	93
16) Anthracene	17.427	178	70709	1.686	ng/ul#	90
19) Fluoranthene	19.349	202	632973	7.920	ng/ul#	93
20) Pyrene	19.712	202	534102	6.580	ng/ul	95
21) Benzo(a)anthracene	21.456	228	321197	4.877	ng/ul	98
22) Chrysene	21.508	228	295854	4.318	ng/ul	98
24) Benzo(b)fluoranthene	23.136	252	433952	5.859	ng/ul	85
25) Benzo(k)fluoranthene	23.180	252	121054m	1.713	ng/ul	
26) Benzo(a)pyrene	23.753	252	287732	4.271	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.326	276	166079	2.491	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.339	278	39972m	0.754	ng/ul	
29) Benzo(g,h,i)perylene	27.087	276	129046	2.250	ng/ul	95

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

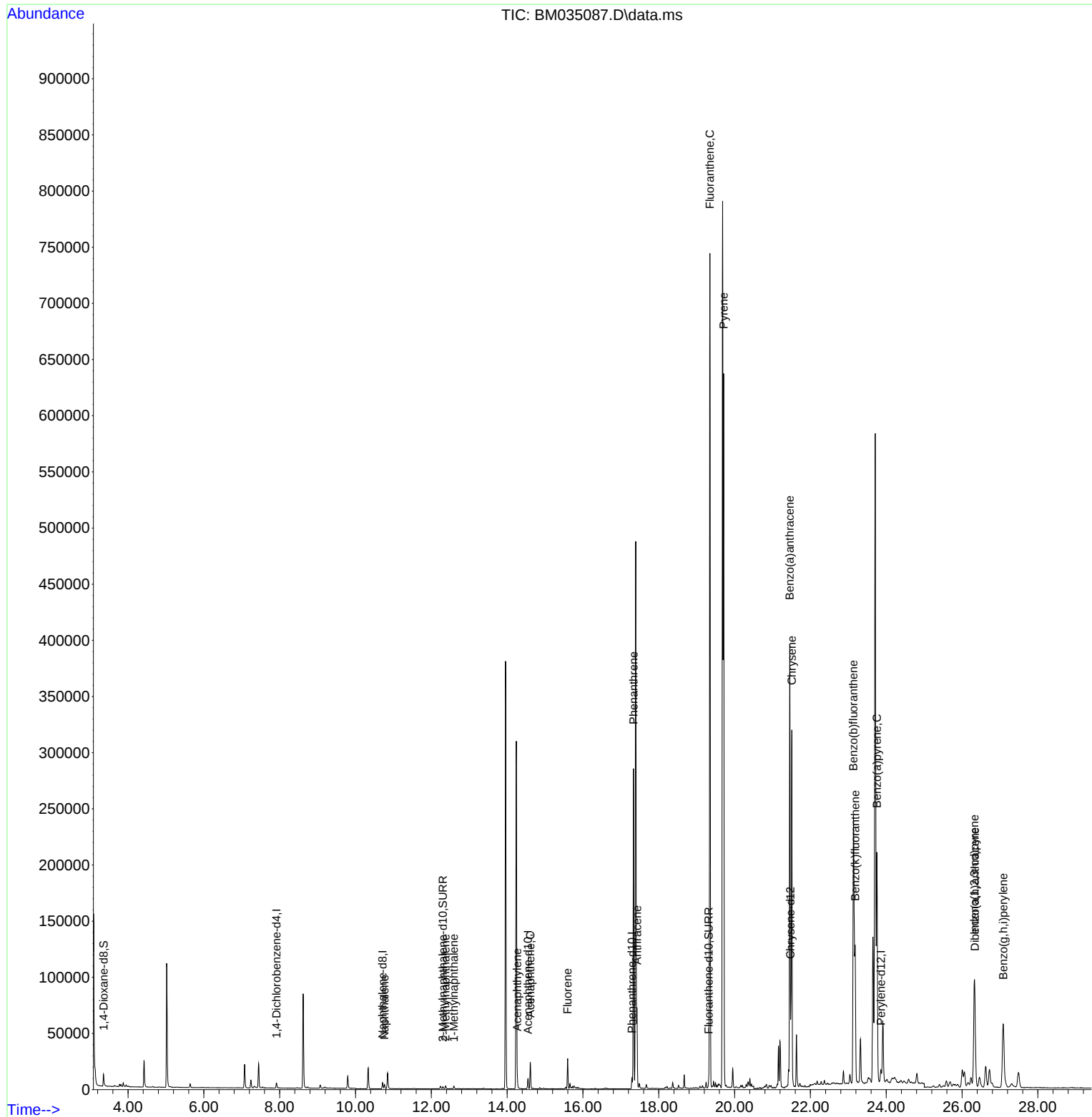
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035087.D
Acq On : 15 May 2022 04:45
Operator : CG/JU
Sample : N2632-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

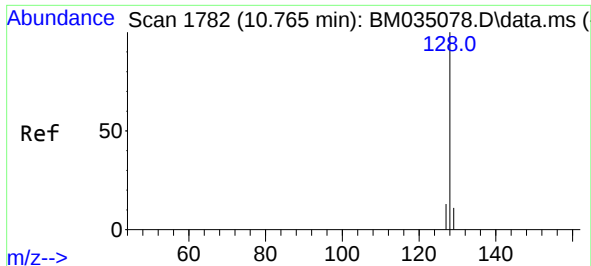
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Supervised By :Yogesh Patel 05/17/2022

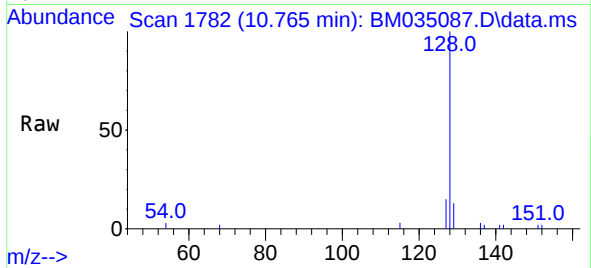
Quant Time: May 15 05:25:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.212 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45

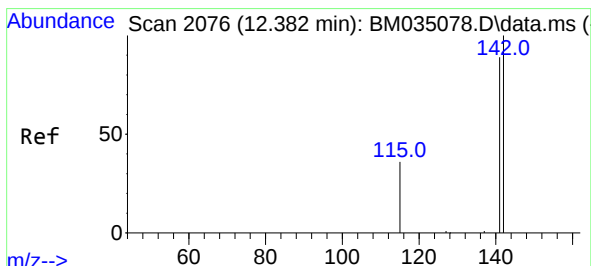
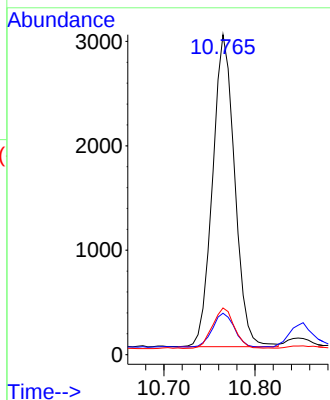
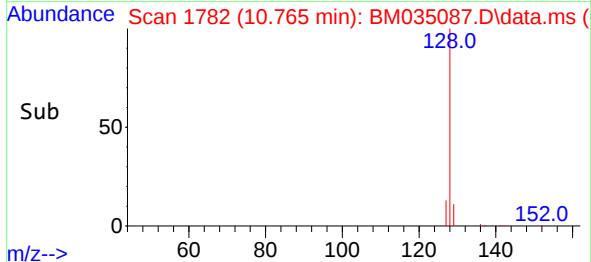
Instrument :
BNA_M
ClientSampleId :
EW4B1



Tgt Ion:128 Resp: 5029
Ion Ratio Lower Upper
128 100
129 13.0 13.4 20.2
127 14.6 15.2 22.8

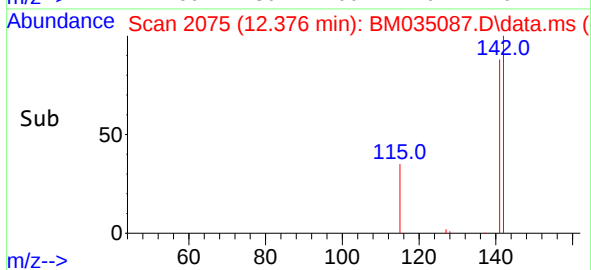
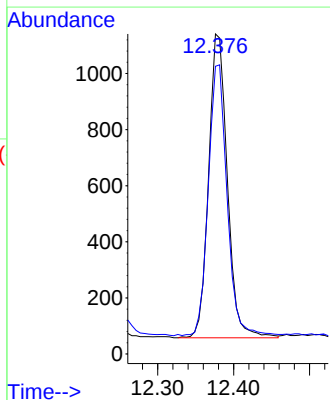
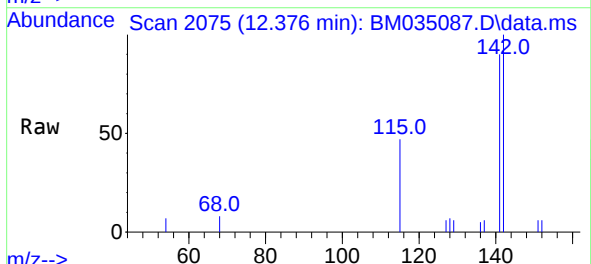
Manual Integrations
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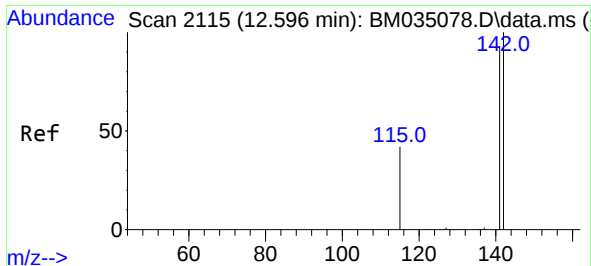
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#7
2-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.376 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45

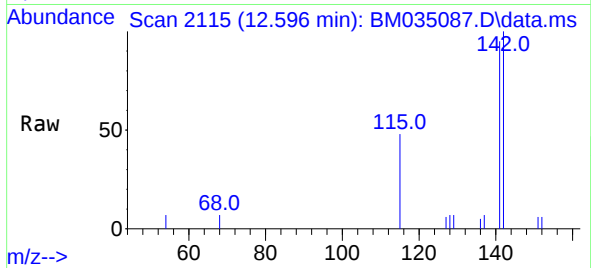
Tgt Ion:142 Resp: 1856
Ion Ratio Lower Upper
142 100
141 88.9 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45

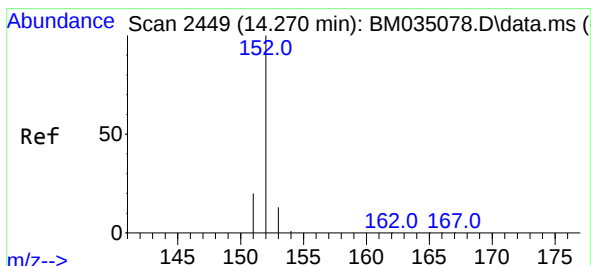
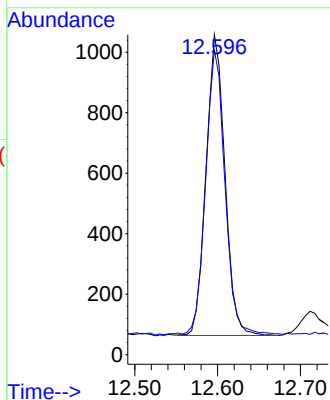
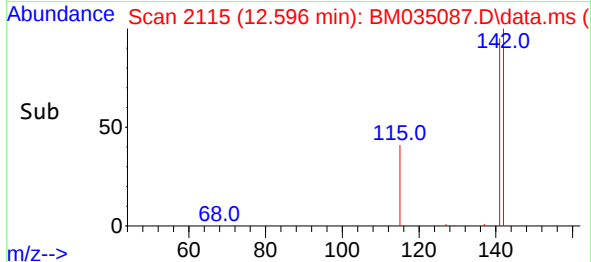
Instrument :
BNA_M
ClientSampleId :
EW4B1



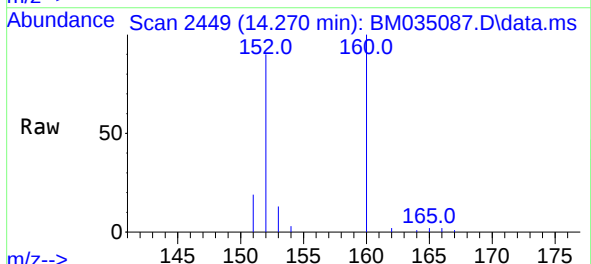
Tgt Ion:142 Resp: 158
Ion Ratio Lower Upper
142 100
141 96.3 75.0 112.4

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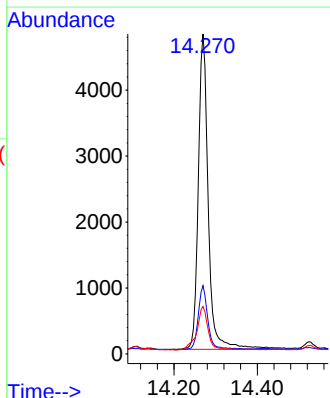
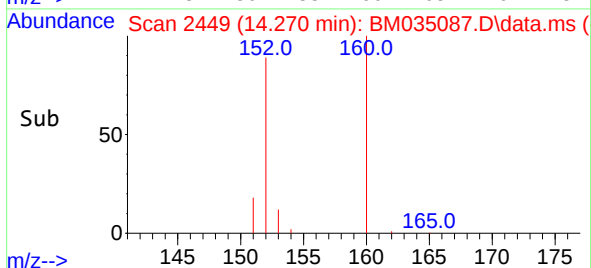
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

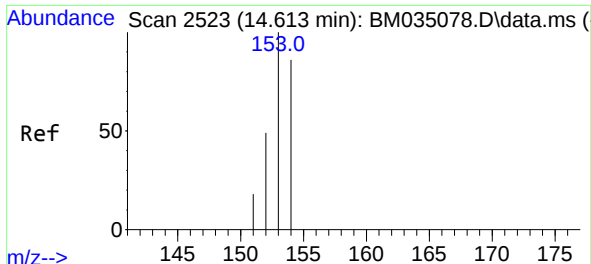


#10
Acenaphthylene
Concen: 0.266 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45



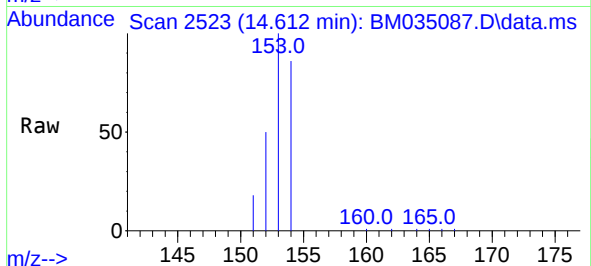
Tgt Ion:152 Resp: 7949
Ion Ratio Lower Upper
152 100
151 21.3 19.9 29.9
153 14.9 15.0 22.4#





#11
Acenaphthene
Concen: 0.640 ng/ul
RT: 14.612 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45

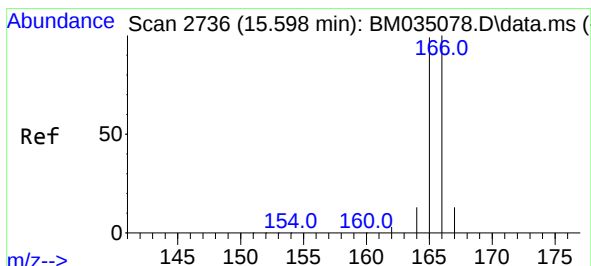
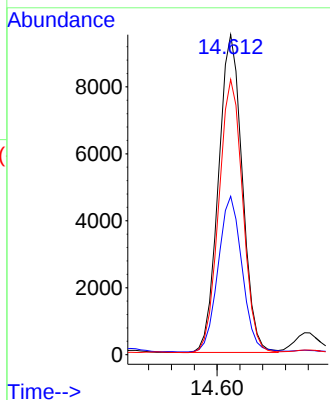
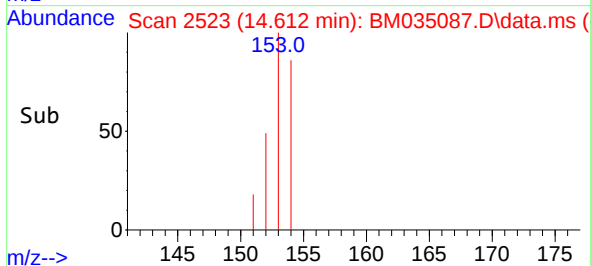
Instrument :
BNA_M
ClientSampleId :
EW4B1



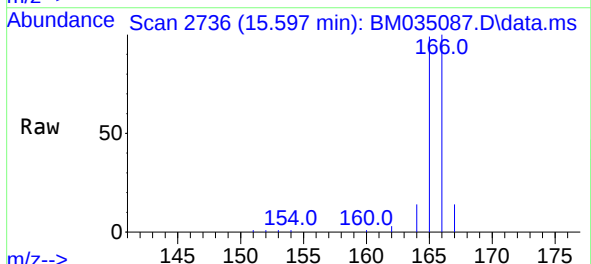
Tgt Ion:153 Resp: 1378
Ion Ratio Lower Upper
153 100
152 49.5 42.4 63.6
154 86.0 66.2 99.2

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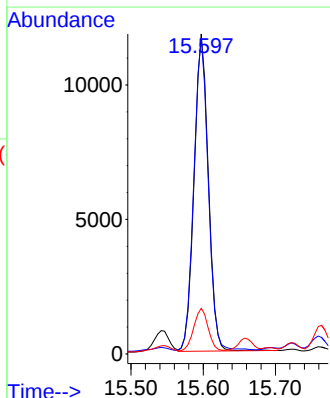
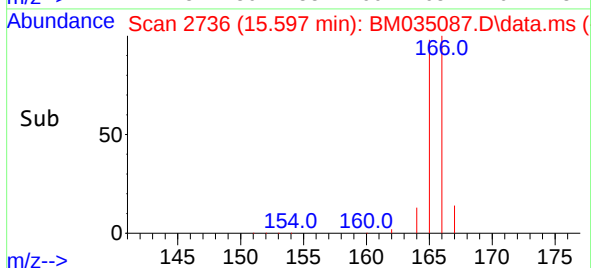
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

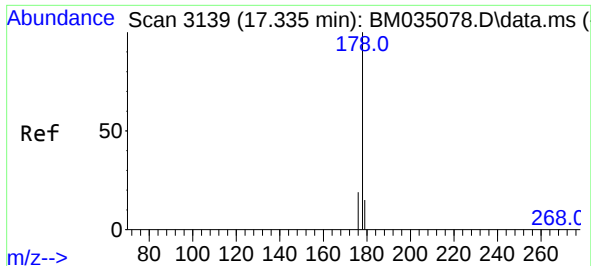


#12
Fluorene
Concen: 0.643 ng/ul
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45



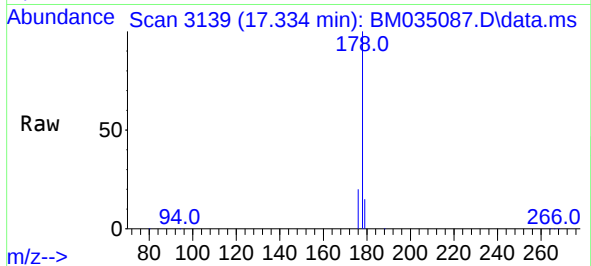
Tgt Ion:166 Resp: 16181
Ion Ratio Lower Upper
166 100
165 98.7 81.1 121.7
167 14.2 14.9 22.3#





#15
Phenanthrene
Concen: 6.231 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45

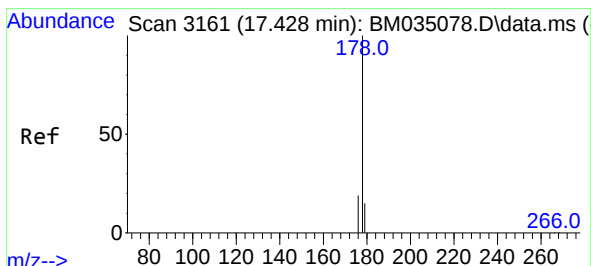
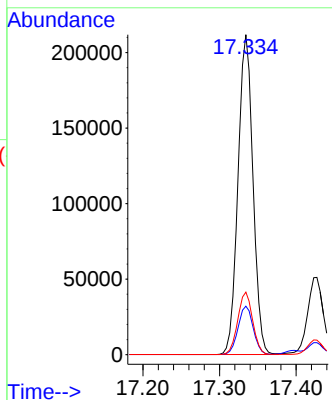
Instrument :
BNA_M
ClientSampleId :
EW4B1



Tgt Ion:178 Resp: 286910
Ion Ratio Lower Upper
178 100
179 15.2 15.0 22.6
176 19.5 17.9 26.9

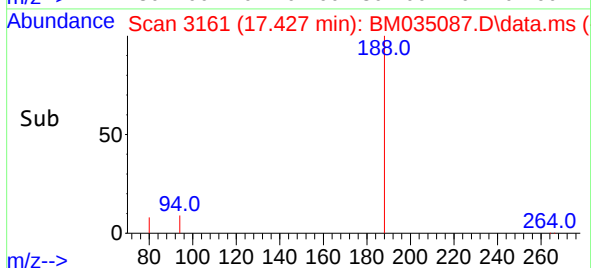
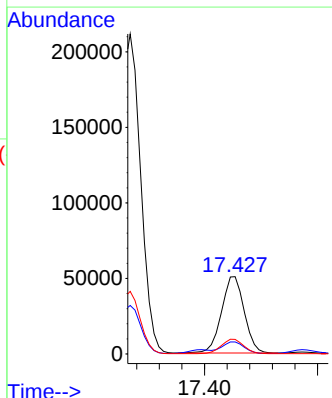
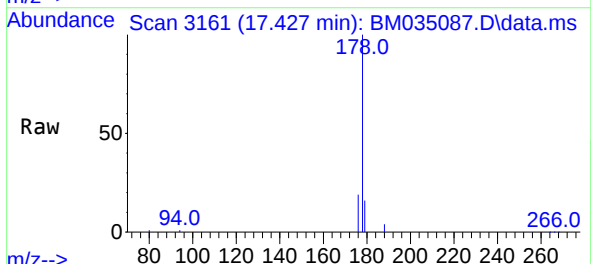
Manual Integrations
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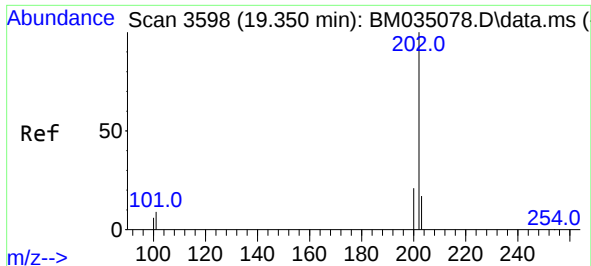
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#16
Anthracene
Concen: 1.686 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45

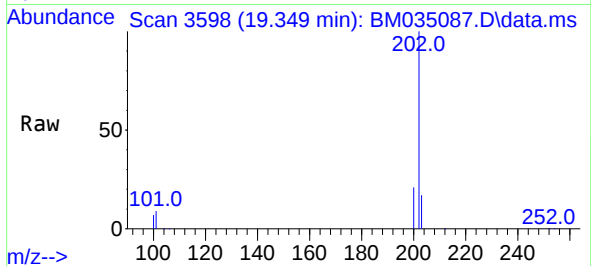
Tgt Ion:178 Resp: 70709
Ion Ratio Lower Upper
178 100
179 15.5 16.5 24.7#
176 18.8 18.3 27.5





#19
Fluoranthene
Concen: 7.920 ng/u1
RT: 19.349 min Scan# 3598
Delta R.T. -0.000 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45

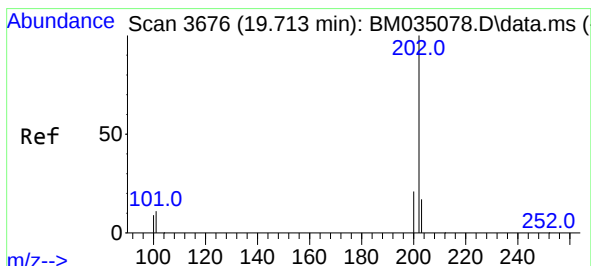
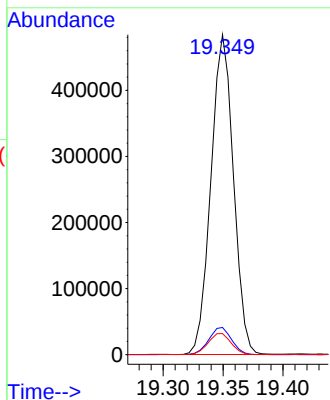
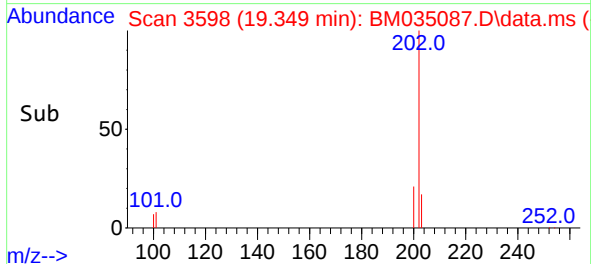
Instrument :
BNA_M
ClientSampleId :
EW4B1



Tgt Ion:202 Resp: 63297
Ion Ratio Lower Upper
202 100
101 8.5 9.2 13.8
100 6.6 7.2 10.8

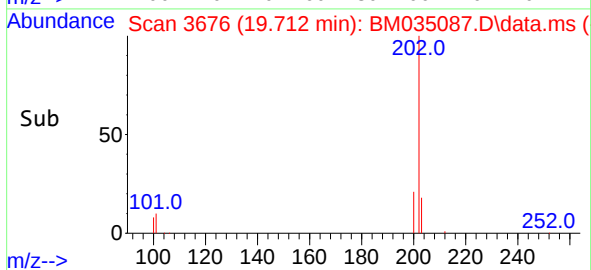
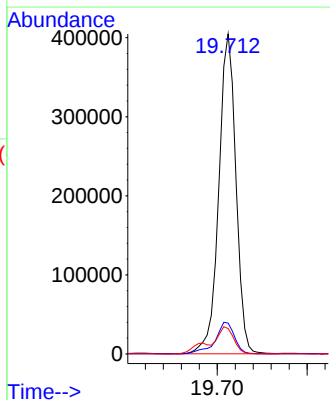
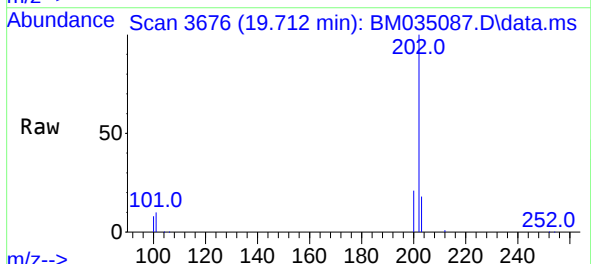
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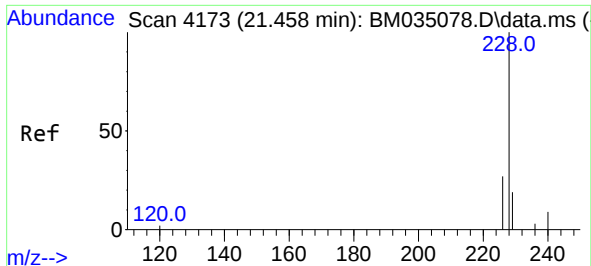
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#20
Pyrene
Concen: 6.580 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. -0.000 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45

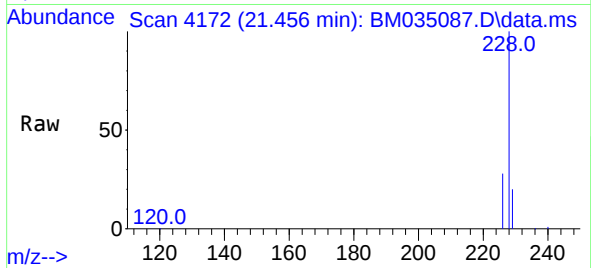
Tgt Ion:202 Resp: 534102
Ion Ratio Lower Upper
202 100
101 9.6 9.3 13.9
100 8.0 7.8 11.6





#21
Benzo(a)anthracene
Concen: 4.877 ng/u1
RT: 21.456 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45

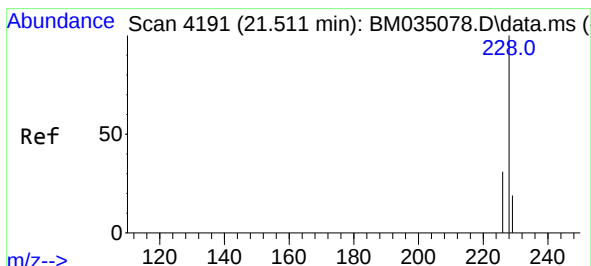
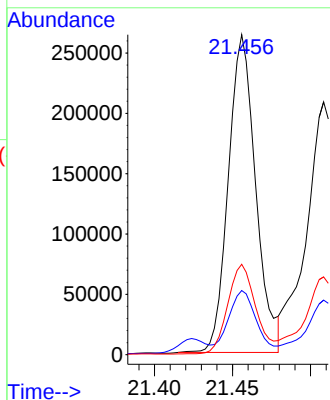
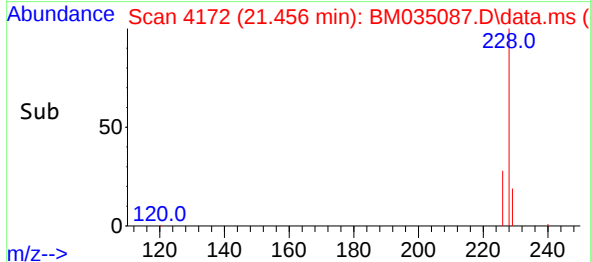
Instrument :
BNA_M
ClientSampleId :
EW4B1



Tgt Ion:228 Resp: 321197
Ion Ratio Lower Upper
228 100
229 20.0 17.3 25.9
226 28.2 23.2 34.8

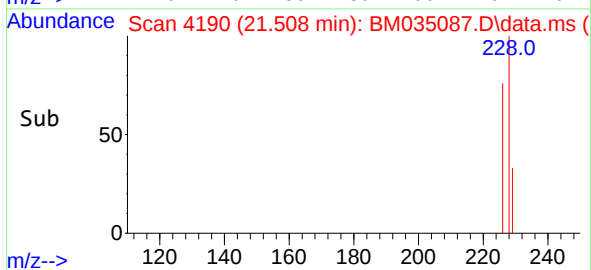
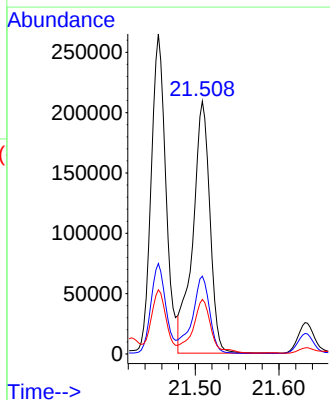
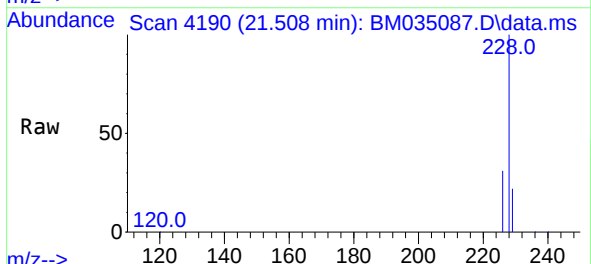
Manual Integrations
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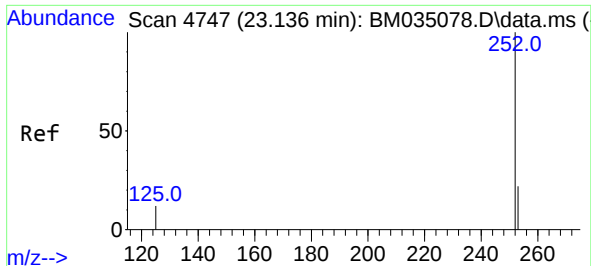
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#22
Chrysene
Concen: 4.318 ng/u1
RT: 21.508 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45

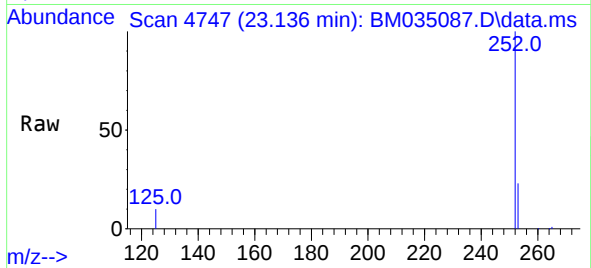
Tgt Ion:228 Resp: 295854
Ion Ratio Lower Upper
228 100
226 30.8 25.8 38.8
229 21.6 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 5.859 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. 0.003 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45

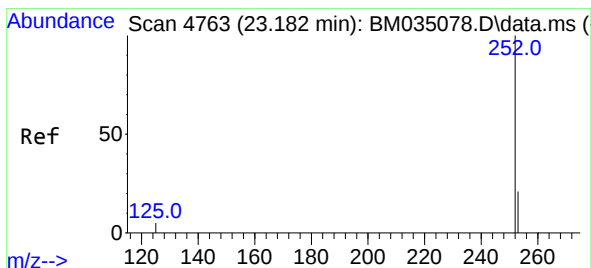
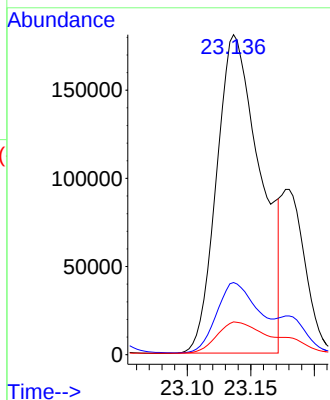
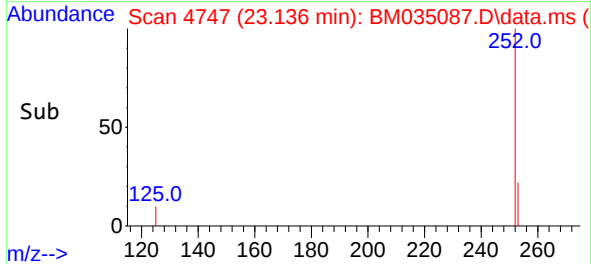
Instrument :
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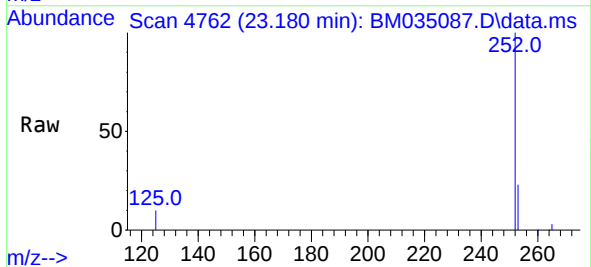
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Ion Ratio Lower Upper
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253 22.6 0.0 64.2
125 10.3 0.0 28.8

Manual Integrations
APPROVED

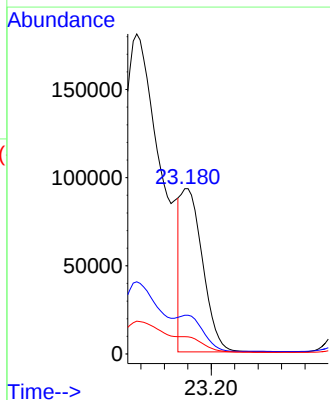
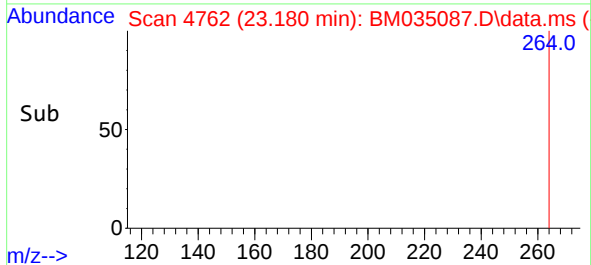
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

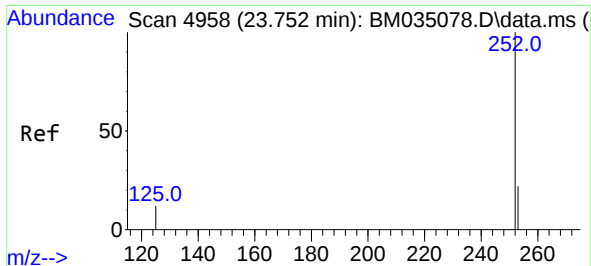


#25
Benzo(k)fluoranthene
Concen: 1.713 ng/ul m
RT: 23.180 min Scan# 4762
Delta R.T. -0.000 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45



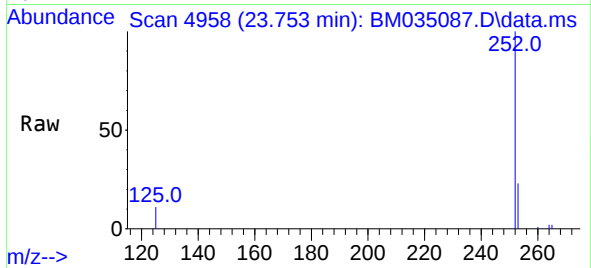
Tgt Ion:252 Resp: 121054
Ion Ratio Lower Upper
252 100
253 23.5 26.8 40.2#
125 10.4 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 4.271 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. 0.003 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45

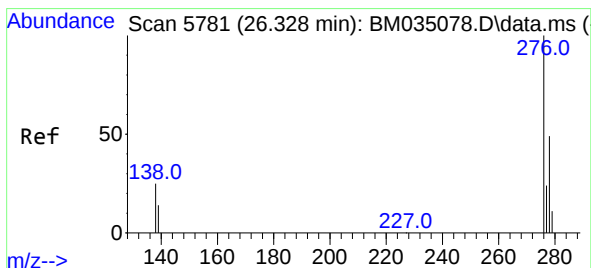
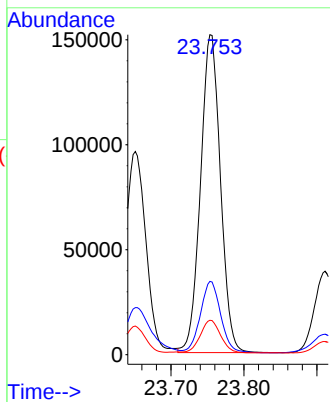
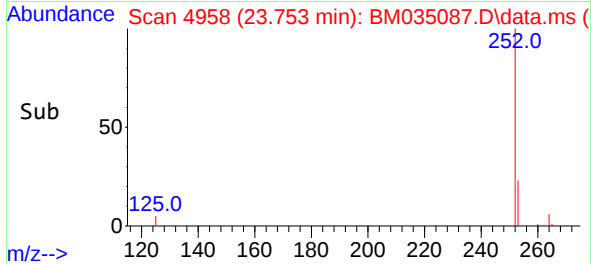
Instrument :
BNA_M
ClientSampleId :
EW4B1



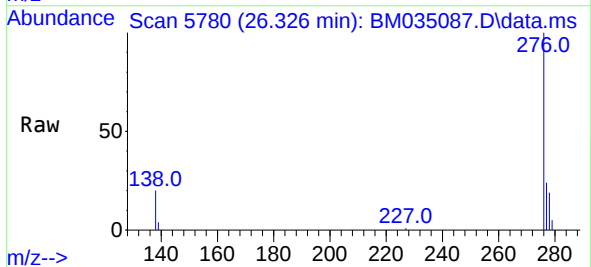
Tgt Ion:252 Resp: 287732
Ion Ratio Lower Upper
252 100
253 22.9 32.0 48.0
125 10.8 14.5 21.7

Manual Integrations
APPROVED

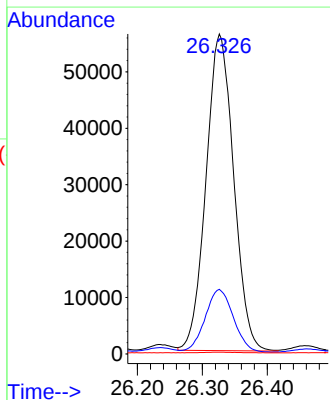
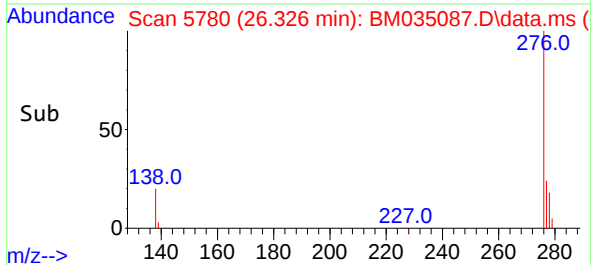
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

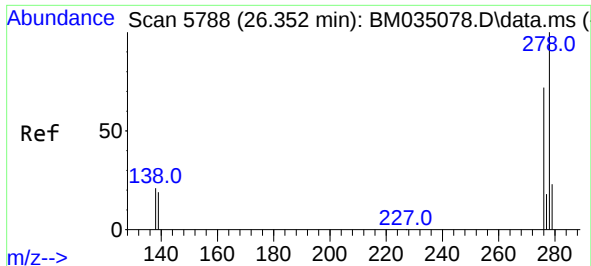


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.491 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. -0.000 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45



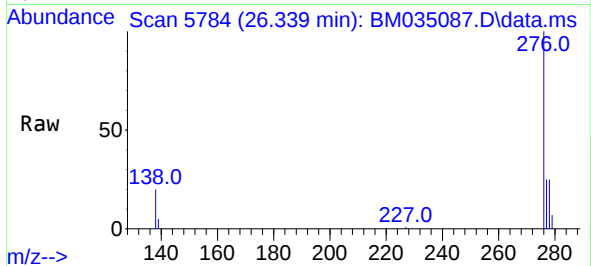
Tgt Ion:276 Resp: 166079
Ion Ratio Lower Upper
276 100
138 20.3 15.8 23.6
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.754 ng/ul m
RT: 26.339 min Scan# 5788
Delta R.T. -0.003 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45

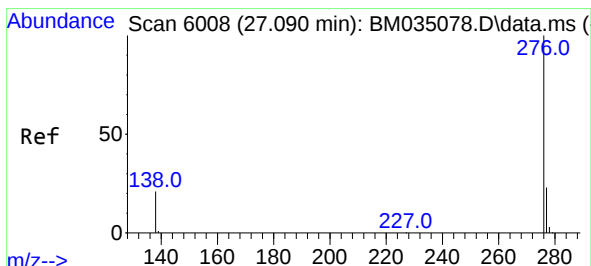
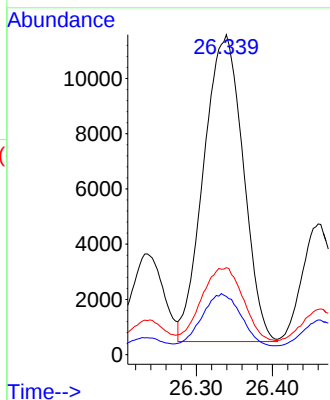
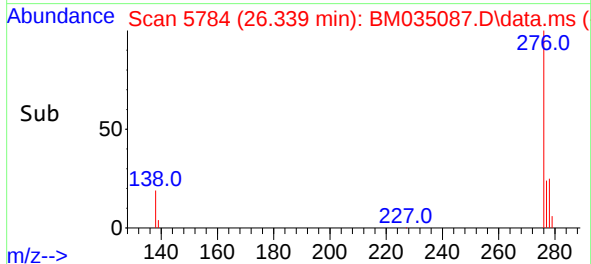
Instrument :
BNA_M
ClientSampleId :
EW4B1



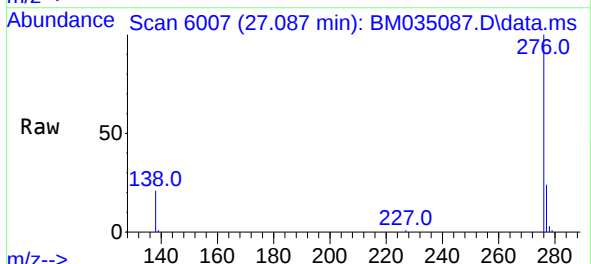
Tgt Ion: 278 Resp: 39972
Ion Ratio Lower Upper
278 100
139 18.2 18.0 27.0
279 27.2 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#29
Benzo(g,h,i)perylene
Concen: 2.250 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. 0.007 min
Lab File: BM035087.D
Acq: 15 May 2022 04:45



Tgt Ion: 276 Resp: 129046
Ion Ratio Lower Upper
276 100
138 20.7 17.4 26.0
277 24.0 22.6 33.8

