

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035056.D
 Acq On : 14 May 2022 08:54
 Operator : CG/JU
 Sample : N2603-23DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A2DL

Manual Integrations
 APPROVED

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

Quant Time: May 15 01:29:44 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	5814	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	17922	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	11344	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	24592	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.474	240	20799	0.400	ng/ul	# 0.00
23) Perylene-d12	23.859	264	18799	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	5502	0.790	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	1804	0.063	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	4699	0.066	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	57318	0.968	ng/ul#	87
7) 2-Methylnaphthalene	12.376	142	23867	0.614	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	15645	0.433	ng/ul	100
10) Acenaphthylene	14.270	152	32889	0.489	ng/ul#	91
11) Acenaphthene	14.612	153	26480	0.546	ng/ul	95
12) Fluorene	15.598	166	161267	2.845	ng/ul#	96
15) Phenanthrene	17.334	178	1217364	12.996	ng/ul	94
16) Anthracene	17.427	178	270400	3.169	ng/ul#	90
19) Fluoranthene	19.350	202	1589779	13.610	ng/ul	97
20) Pyrene	19.712	202	1243058	10.477	ng/ul	99
21) Benzo(a)anthracene	21.459	228	637888	6.627	ng/ul	99
22) Chrysene	21.512	228	583728	5.828	ng/ul	98
24) Benzo(b)fluoranthene	23.142	252	671949	6.816	ng/ul	86
25) Benzo(k)fluoranthene	23.180	252	219338m	2.331	ng/ul	
26) Benzo(a)pyrene	23.756	252	466451	5.201	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.330	276	268587	3.026	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.340	278	63889m	0.905	ng/ul	
29) Benzo(g,h,i)perylene	27.091	276	212104	2.778	ng/ul	94

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

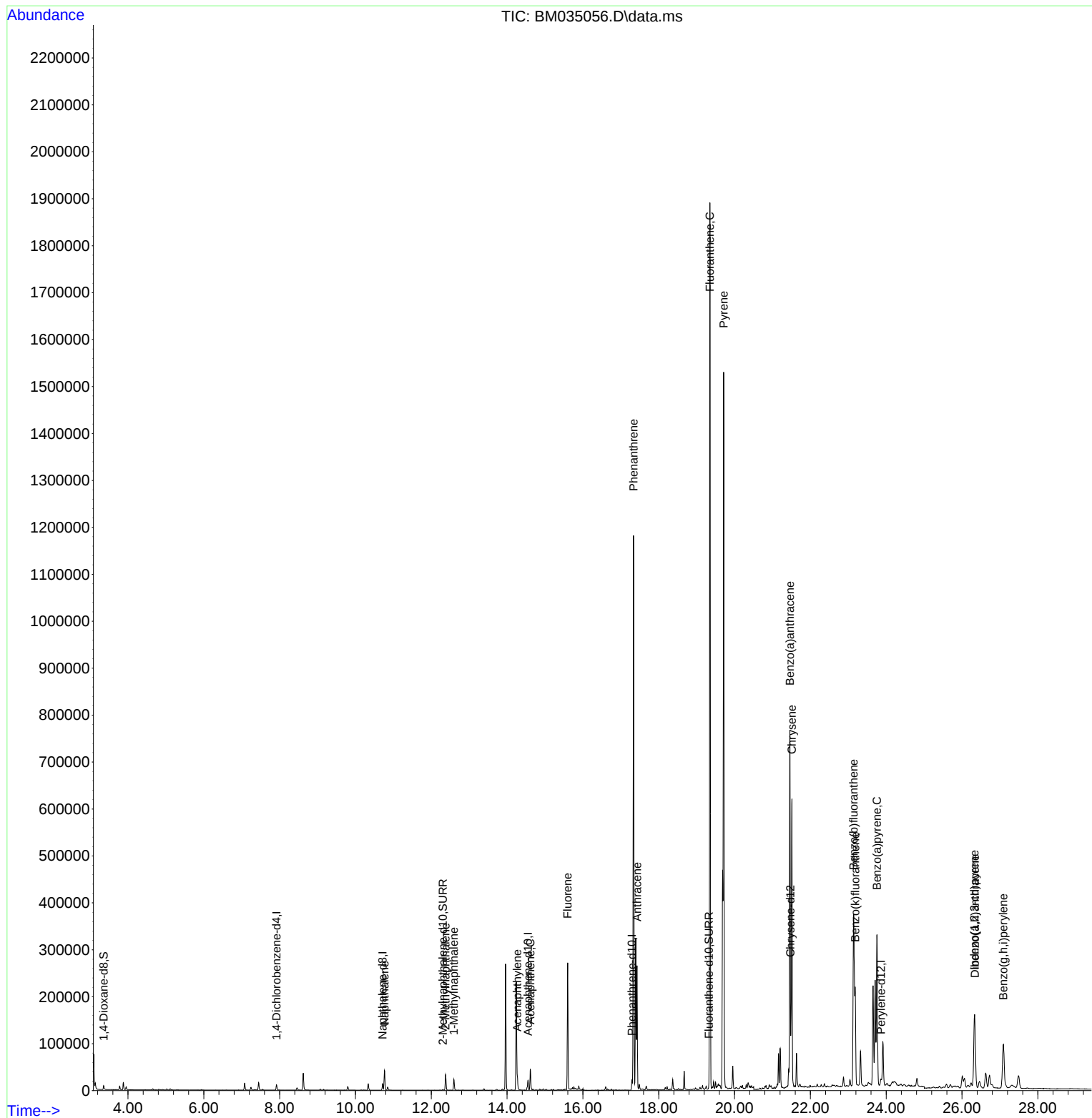
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035056.D
Acq On : 14 May 2022 08:54
Operator : CG/JU
Sample : N2603-23DL 5X
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ALS Vial : 30 Sample Multiplier: 1

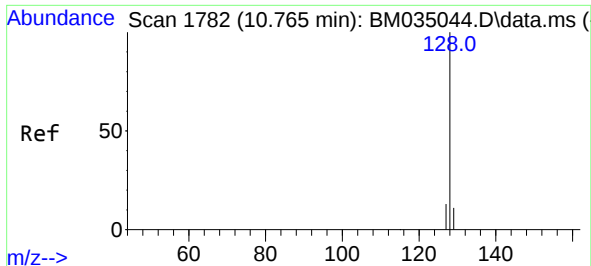
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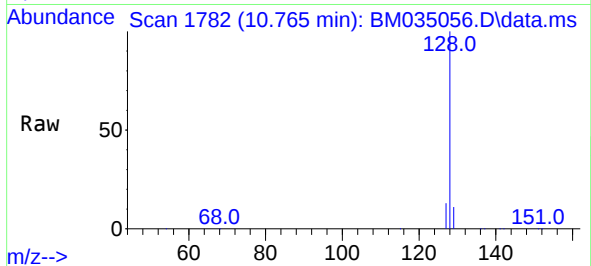
Quant Time: May 15 01:29:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.968 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54

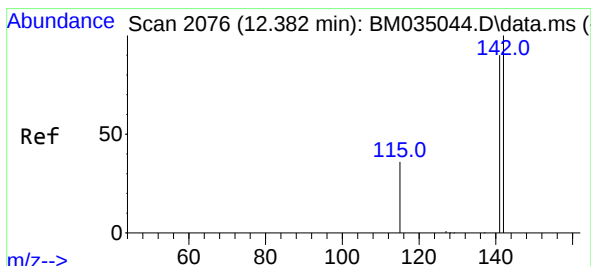
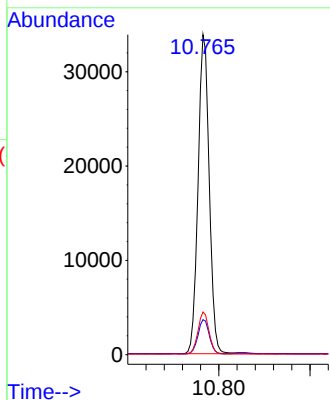
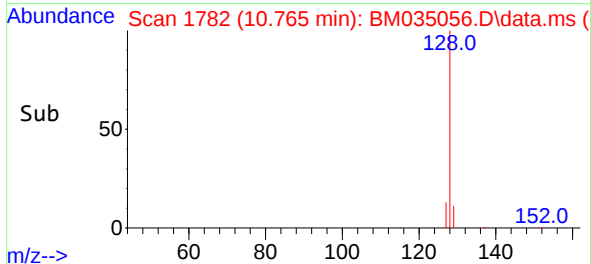
Instrument :
BNA_M
ClientSampleId :
EW4A2DL



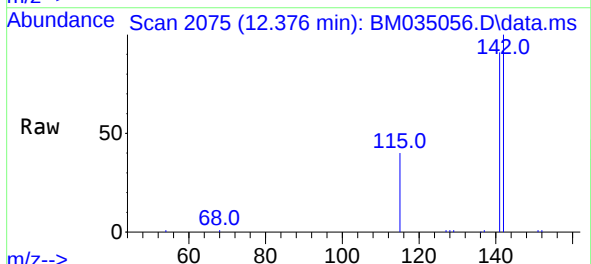
Tgt Ion:128 Resp: 57318
Ion Ratio Lower Upper
128 100
129 10.9 13.4 20.2
127 13.3 15.2 22.8

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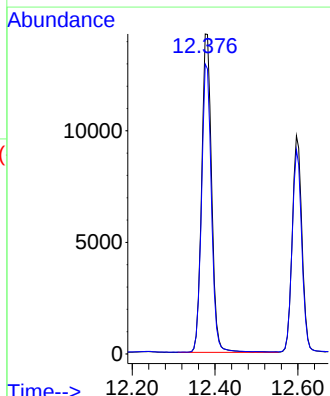
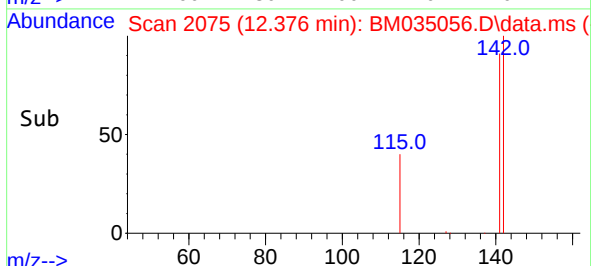
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

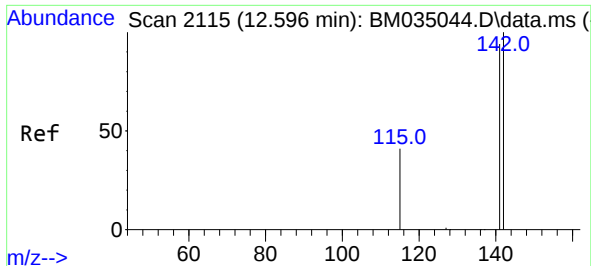


#7
2-Methylnaphthalene
Concen: 0.614 ng/ul
RT: 12.376 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54



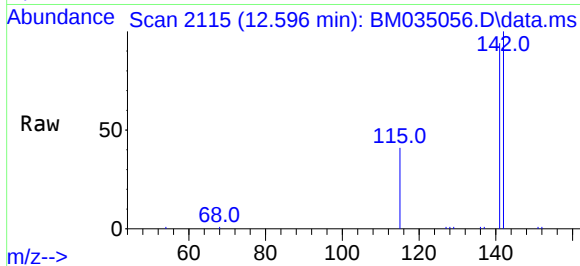
Tgt Ion:142 Resp: 23867
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54

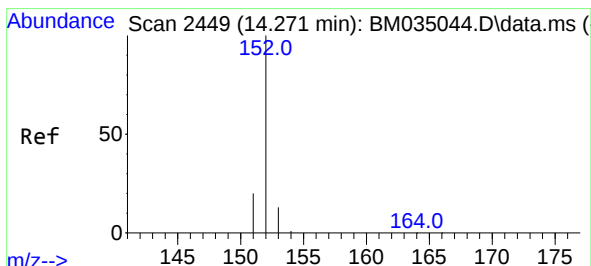
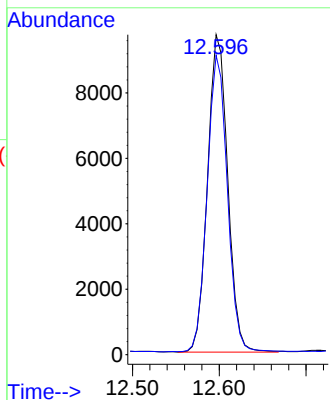
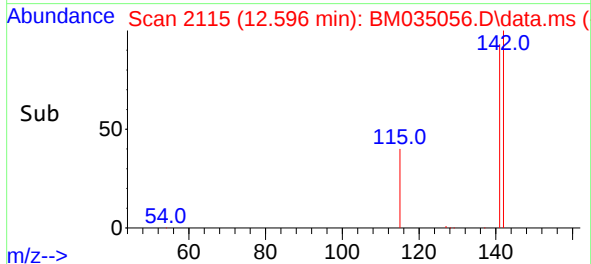
Instrument :
BNA_M
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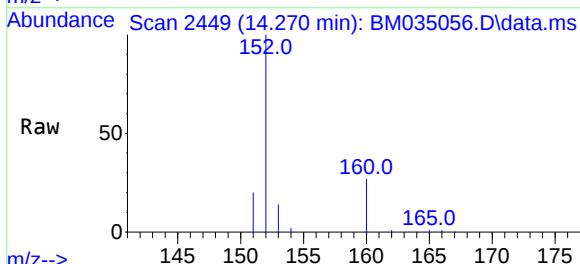
Tgt Ion:142 Resp: 1564
Ion Ratio Lower Upper
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141 93.4 75.0 112.4

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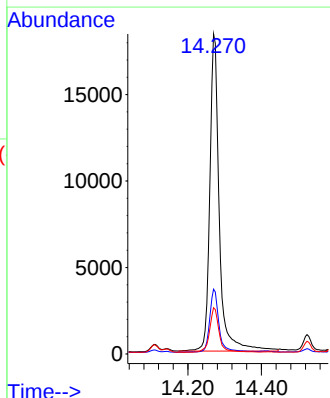
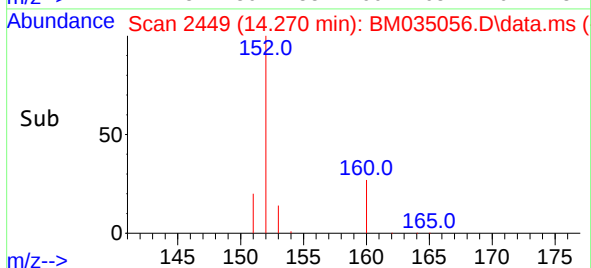
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

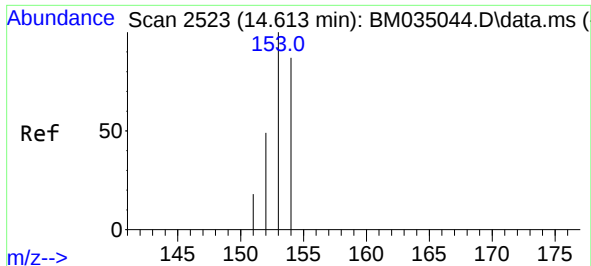


#10
Acenaphthylene
Concen: 0.489 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54



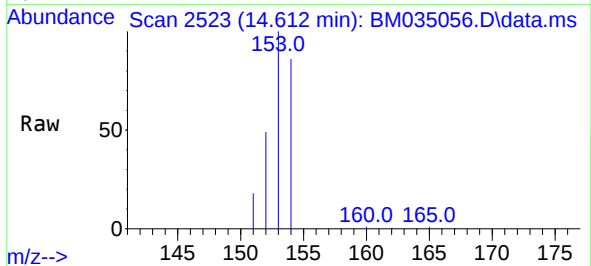
Tgt Ion:152 Resp: 32889
Ion Ratio Lower Upper
152 100
151 20.3 19.9 29.9
153 14.5 15.0 22.4#





#11
Acenaphthene
Concen: 0.546 ng/u1
RT: 14.612 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54

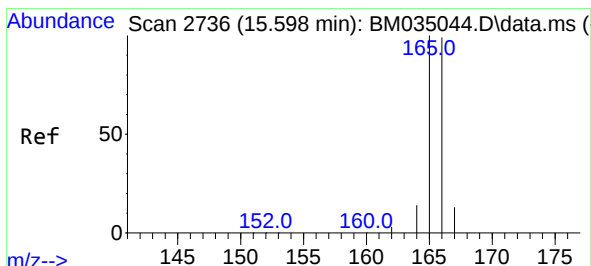
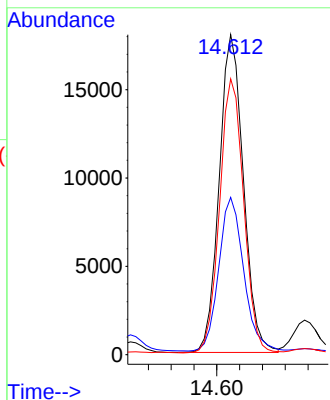
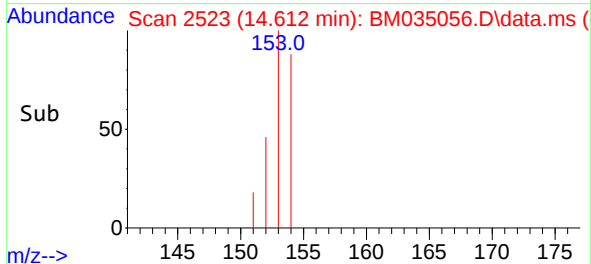
Instrument :
BNA_M
ClientSampleId :
EW4A2DL



Tgt Ion:153 Resp: 26480
Ion Ratio Lower Upper
153 100
152 49.1 42.4 63.6
154 86.2 66.2 99.2

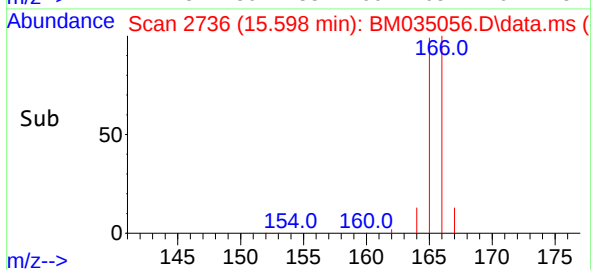
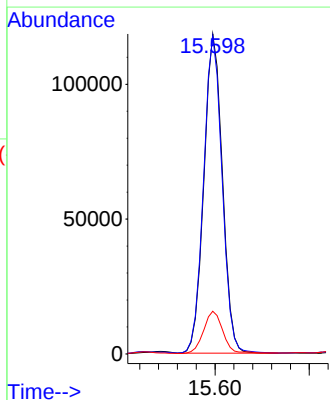
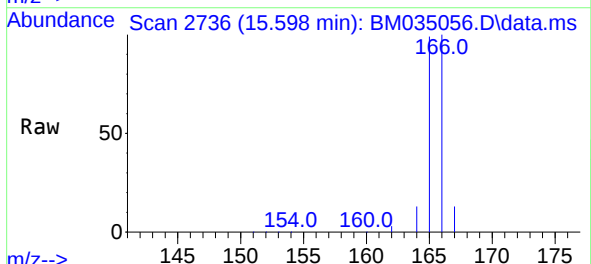
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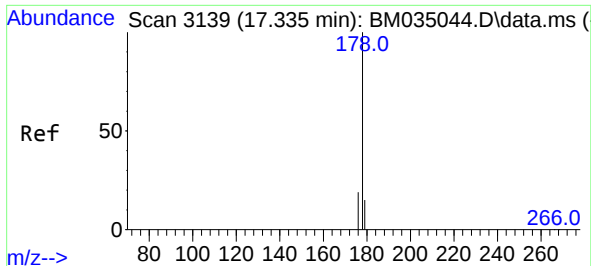
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#12
Fluorene
Concen: 2.845 ng/u1
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54

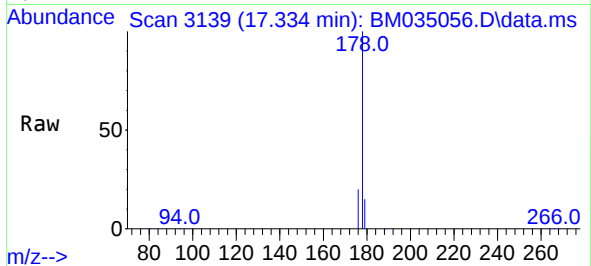
Tgt Ion:166 Resp: 161267
Ion Ratio Lower Upper
166 100
165 99.3 81.1 121.7
167 13.4 14.9 22.3#





#15
Phenanthrene
Concen: 12.996 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54

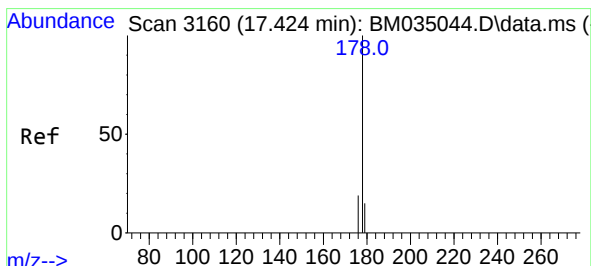
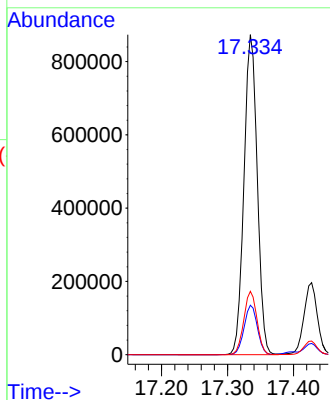
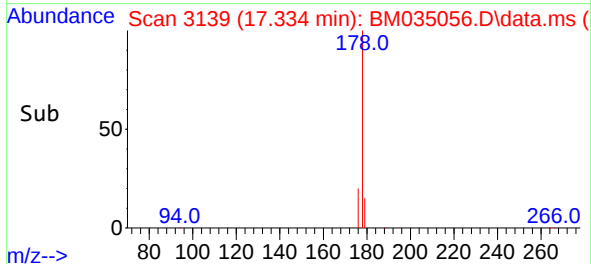
Instrument :
BNA_M
ClientSampleId :
EW4A2DL



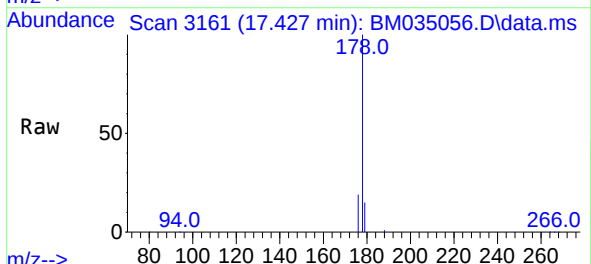
Tgt Ion:178 Resp: 1217364
Ion Ratio Lower Upper
178 100
179 15.5 15.0 22.6
176 19.8 17.9 26.9

Manual Integrations
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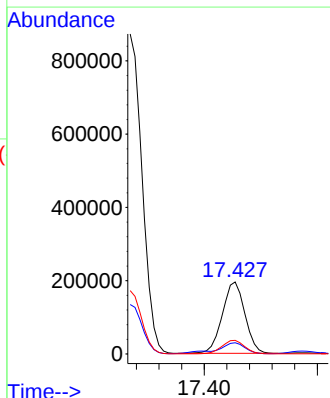
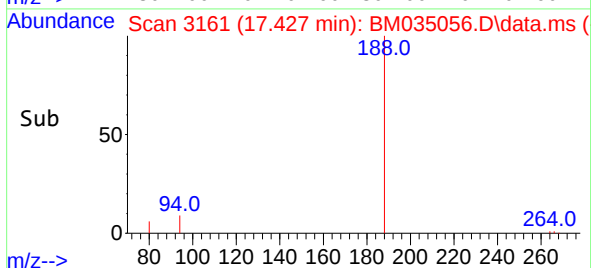
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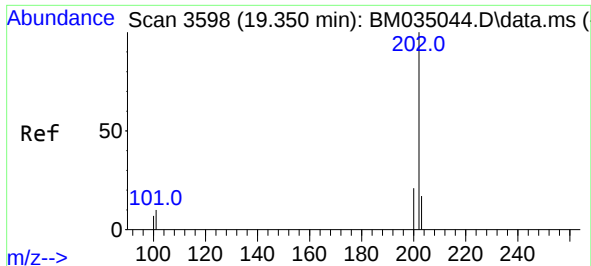


#16
Anthracene
Concen: 3.169 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54



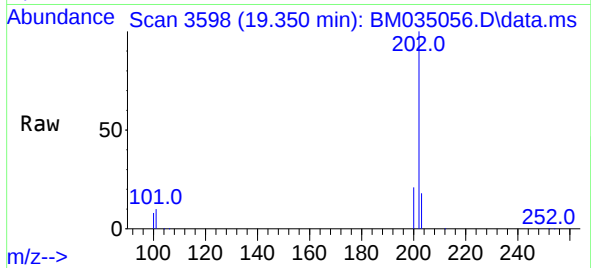
Tgt Ion:178 Resp: 270400
Ion Ratio Lower Upper
178 100
179 15.5 16.5 24.7#
176 18.9 18.3 27.5





#19
Fluoranthene
Concen: 13.610 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54

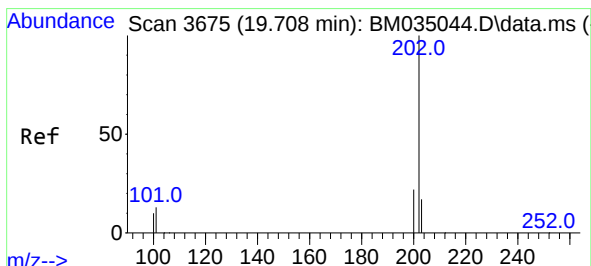
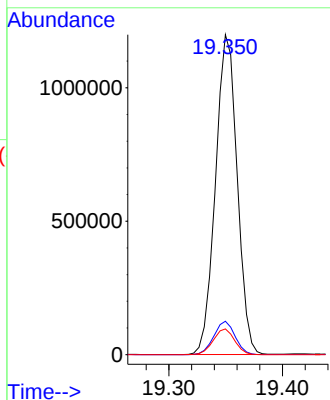
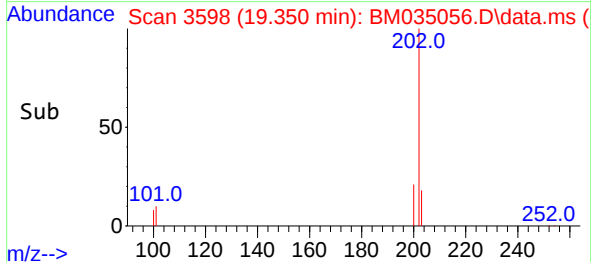
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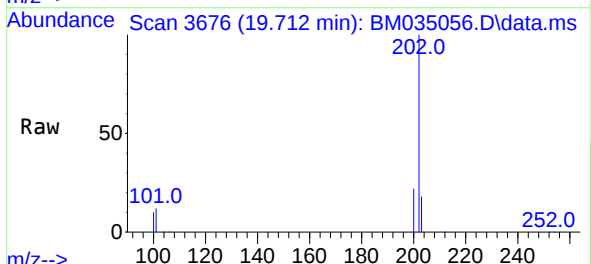
Tgt Ion:202 Resp: 1589779
Ion Ratio Lower Upper
202 100
101 10.4 9.2 13.8
100 8.1 7.2 10.8

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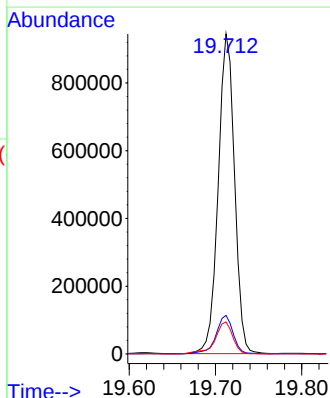
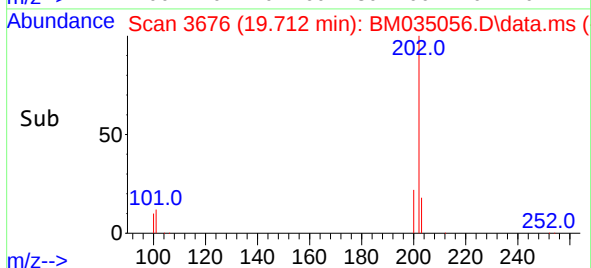
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

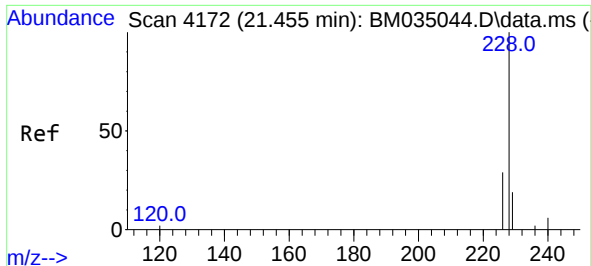


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Pyrene
Concen: 10.477 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54



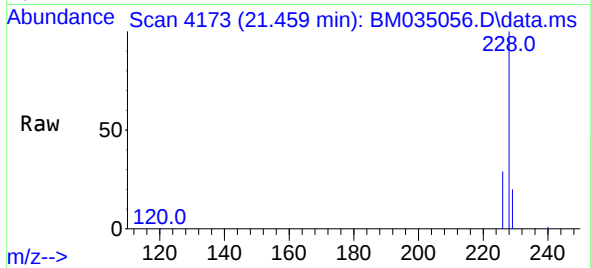
Tgt Ion:202 Resp: 1243058
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 10.0 7.8 11.6





#21
Benzo(a)anthracene
Concen: 6.627 ng/u1
RT: 21.459 min Scan# 4172
Delta R.T. 0.000 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54

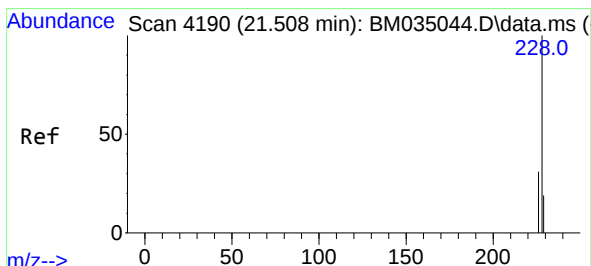
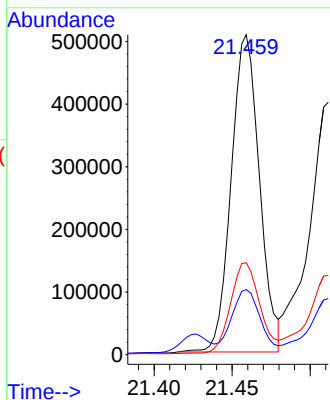
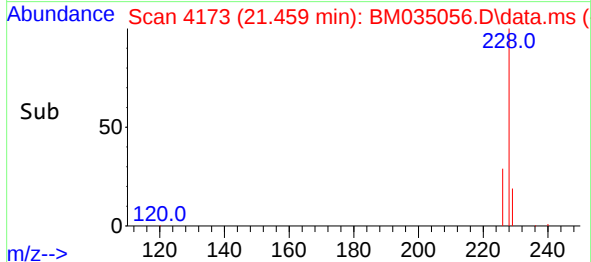
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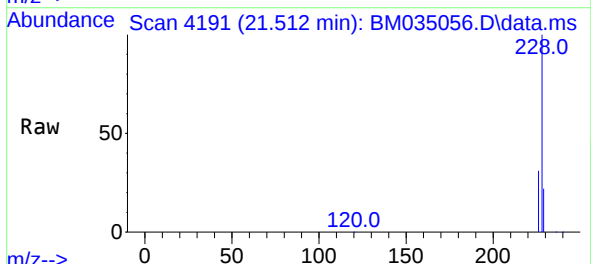
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Ion Ratio Lower Upper
228 100
229 20.4 17.3 25.9
226 28.8 23.2 34.8

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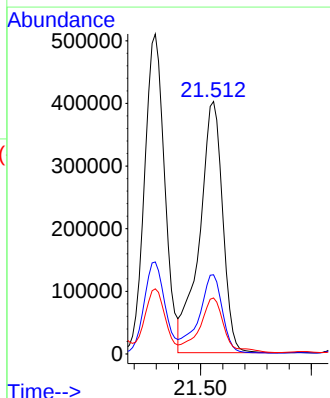
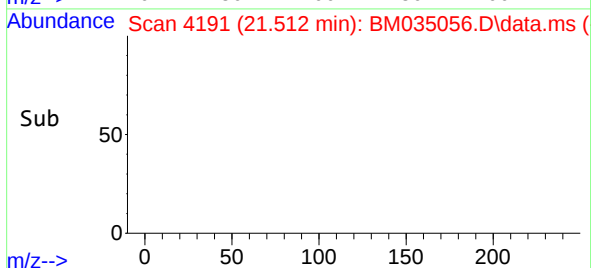
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

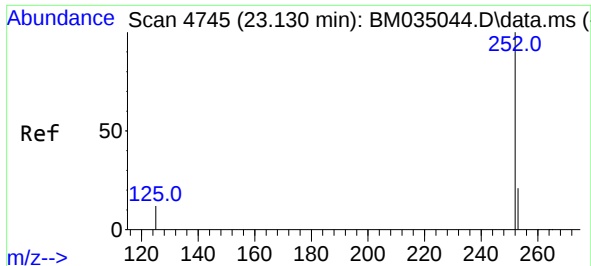


#22
Chrysene
Concen: 5.828 ng/u1
RT: 21.512 min Scan# 4191
Delta R.T. 0.000 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54



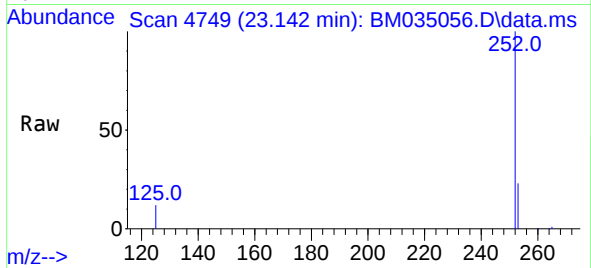
Tgt Ion:228 Resp: 583728
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.8
229 22.2 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 6.816 ng/ul
RT: 23.142 min Scan# 4749
Delta R.T. 0.009 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54

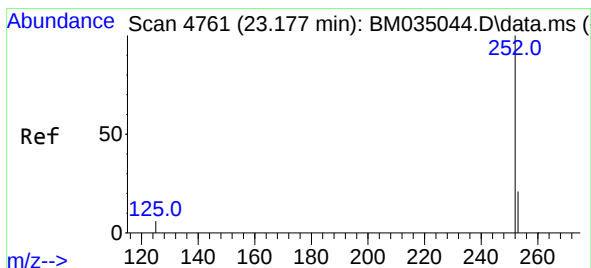
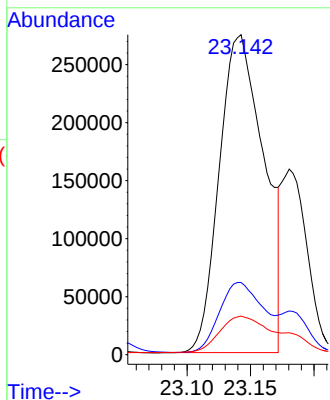
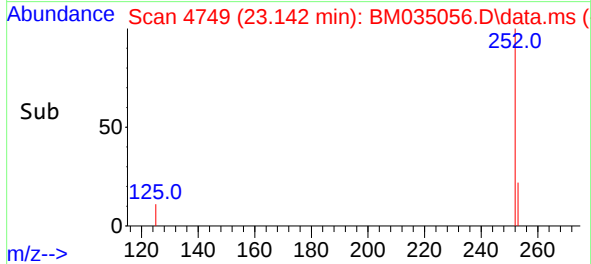
Instrument :
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ClientSampleId :
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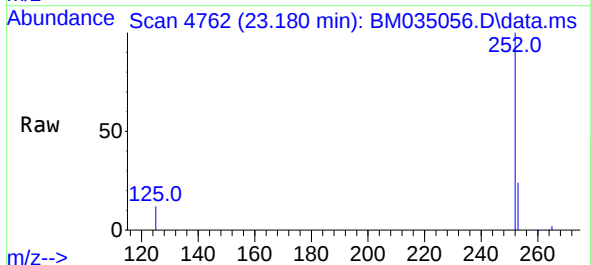
Tgt Ion:252 Resp: 671949
Ion Ratio Lower Upper
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253 22.5 0.0 64.2
125 12.0 0.0 28.8

Manual Integrations
APPROVED

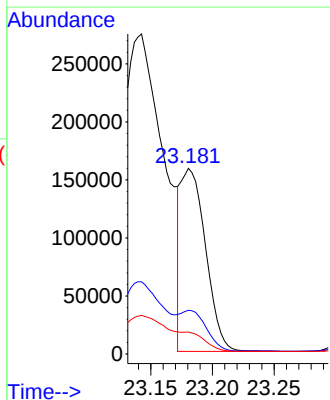
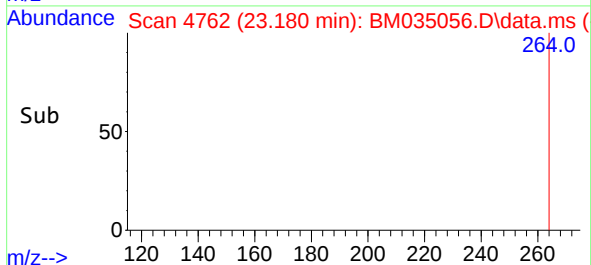
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

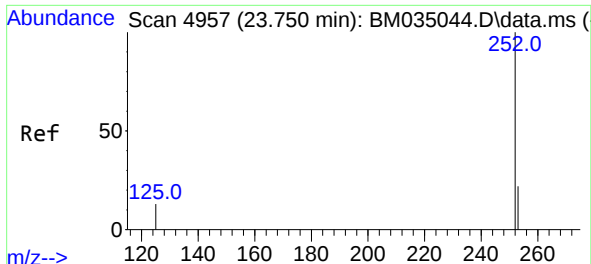


#25
Benzo(k)fluoranthene
Concen: 2.331 ng/ul m
RT: 23.180 min Scan# 4762
Delta R.T. 0.000 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54



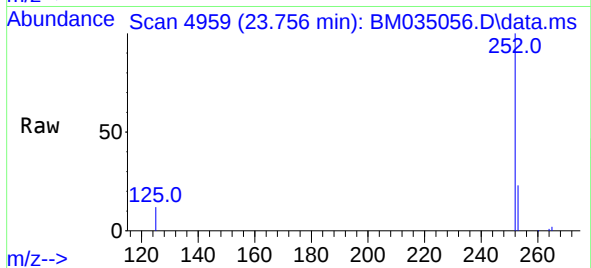
Tgt Ion:252 Resp: 219338
Ion Ratio Lower Upper
252 100
253 23.6 26.8 40.2#
125 11.8 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 5.201 ng/u1
RT: 23.756 min Scan# 4957
Delta R.T. 0.006 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54

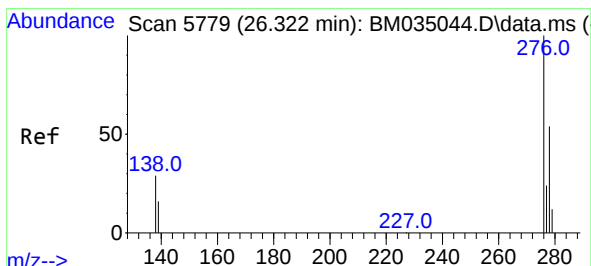
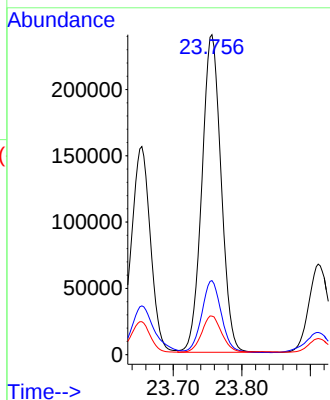
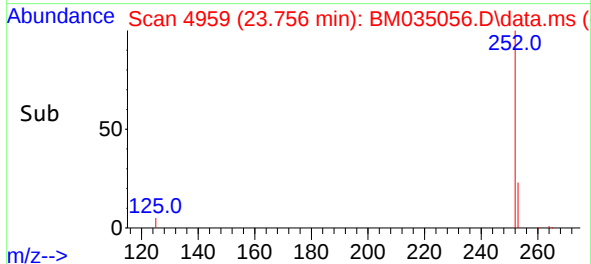
Instrument :
BNA_M
ClientSampleId :
EW4A2DL



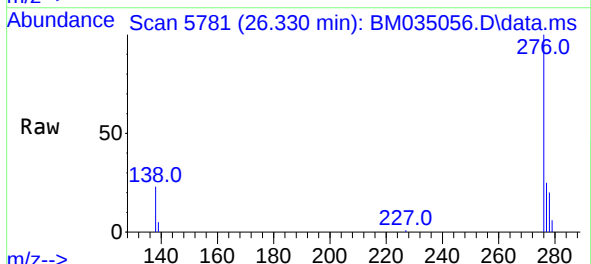
Tgt Ion:252 Resp: 46645
Ion Ratio Lower Upper
252 100
253 23.2 32.0 48.0
125 12.0 14.5 21.7

Manual Integrations
APPROVED

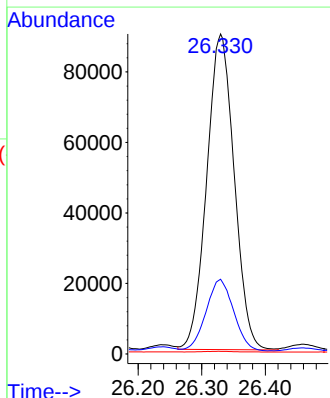
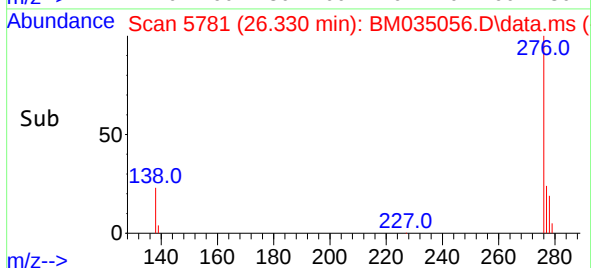
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

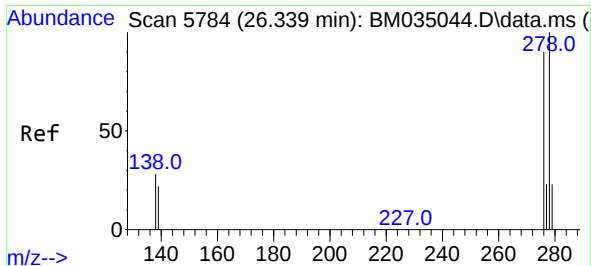


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.026 ng/u1
RT: 26.330 min Scan# 5781
Delta R.T. 0.004 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54



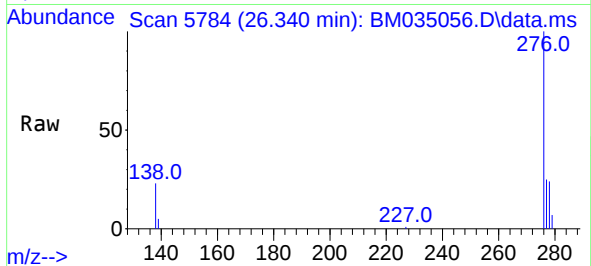
Tgt Ion:276 Resp: 268587
Ion Ratio Lower Upper
276 100
138 22.7 15.8 23.6
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.905 ng/ul m
RT: 26.340 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54

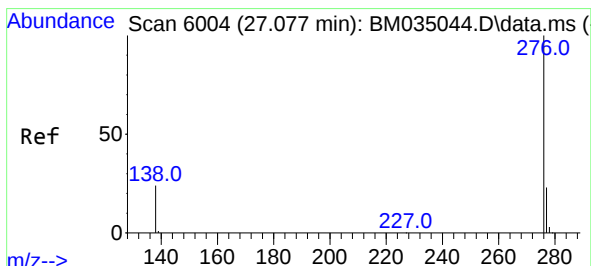
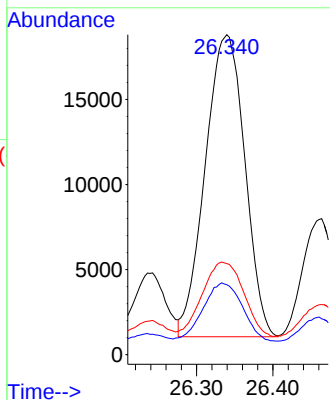
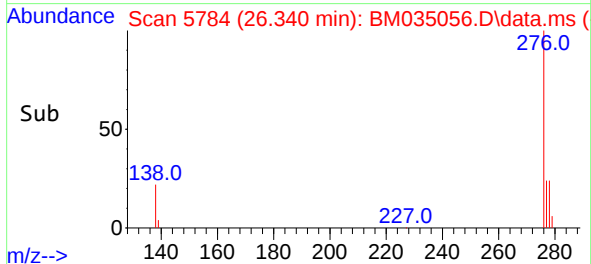
Instrument :
BNA_M
ClientSampleId :
EW4A2DL



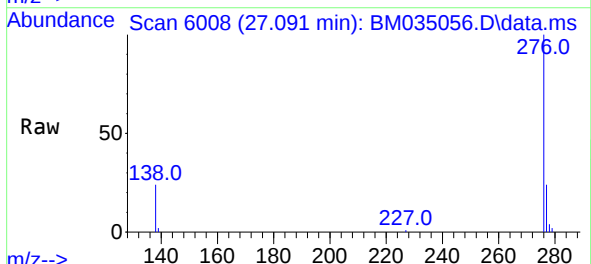
Tgt Ion:278 Resp: 6388
Ion Ratio Lower Upper
278 100
139 21.8 18.0 27.0
279 28.5 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.778 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. 0.010 min
Lab File: BM035056.D
Acq: 14 May 2022 08:54



Tgt Ion:276 Resp: 212104
Ion Ratio Lower Upper
276 100
138 23.6 17.4 26.0
277 24.1 22.6 33.8

