

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035066.D
 Acq On : 14 May 2022 15:29
 Operator : CG/JU
 Sample : N2603-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW492

Manual Integrations
 APPROVED

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

Quant Time: May 15 01:31:18 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	4785	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	15180	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	10407	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	22323	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.474	240	15442	0.400	ng/ul	# 0.00
23) Perylene-d12	23.859	264	12693	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	32622	5.691	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	10430	0.431	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	26964	0.509	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	1773	0.035	ng/ul	99
7) 2-Methylnaphthalene	12.382	142	1164	0.035	ng/ul	98
8) 1-Methylnaphthalene	12.596	142	984	0.032	ng/ul	100
10) Acenaphthylene	14.270	152	3012	0.049	ng/ul	99
11) Acenaphthene	14.612	153	1145	0.026	ng/ul	96
12) Fluorene	15.597	166	1459	0.028	ng/ul#	97
15) Phenanthrene	17.334	178	44100	0.519	ng/ul	94
16) Anthracene	17.427	178	10356	0.134	ng/ul	96
19) Fluoranthene	19.350	202	204773	2.361	ng/ul	97
20) Pyrene	19.712	202	183316	2.081	ng/ul	100
21) Benzo(a)anthracene	21.456	228	90038	1.260	ng/ul	99
22) Chrysene	21.509	228	123408	1.660	ng/ul	98
24) Benzo(b)fluoranthene	23.137	252	196567	2.953	ng/ul	89
25) Benzo(k)fluoranthene	23.180	252	51887m	0.817	ng/ul	
26) Benzo(a)pyrene	23.756	252	114908	1.898	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.329	276	107782	1.799	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.340	278	21935	0.460	ng/ul#	94
29) Benzo(g,h,i)perylene	27.087	276	96399	1.870	ng/ul	95

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

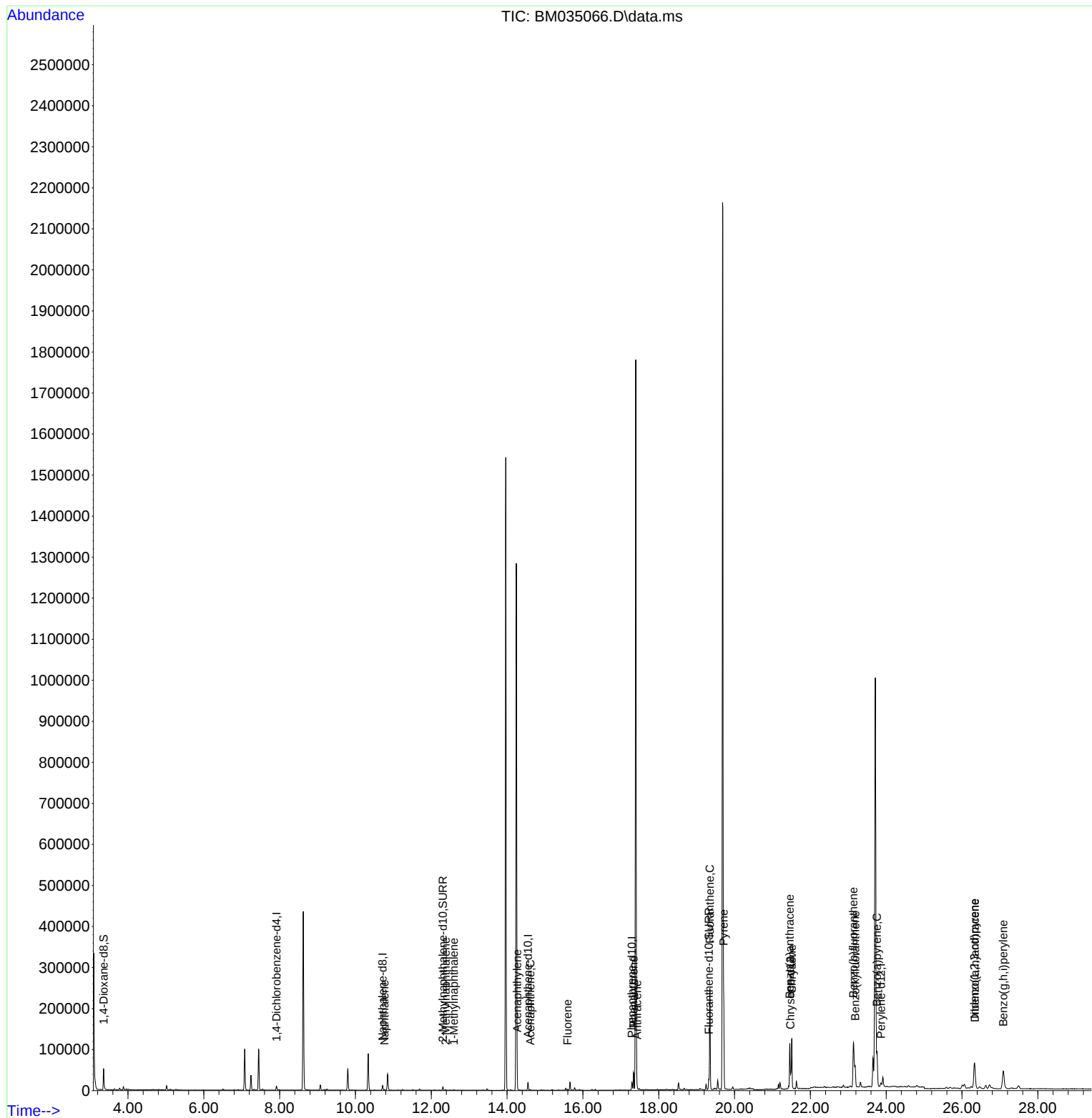
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035066.D
Acq On : 14 May 2022 15:29
Operator : CG/JU
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Misc :
ALS Vial : 41 Sample Multiplier: 1

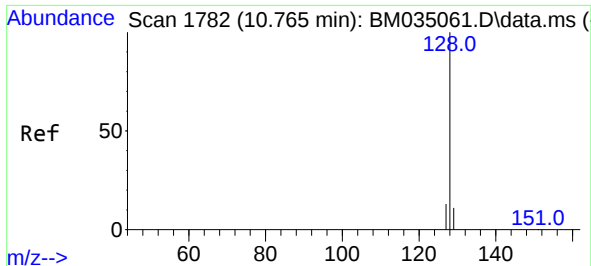
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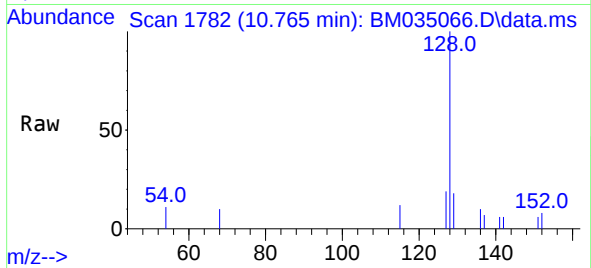
Quant Time: May 15 01:31:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.765 min Scan# 177
Delta R.T. -0.005 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29

Instrument :
BNA_M
ClientSampleId :
EW492

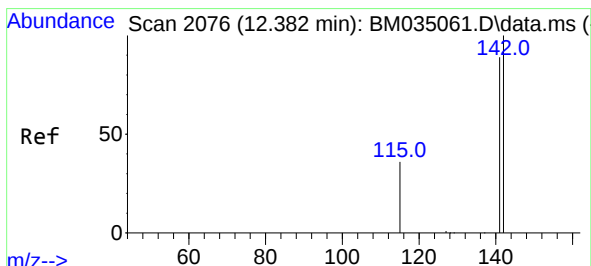
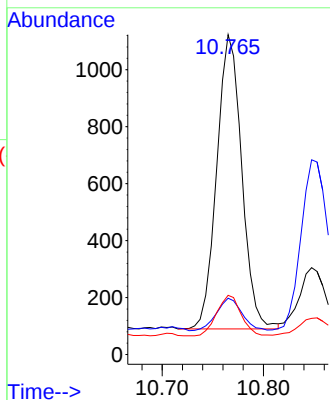
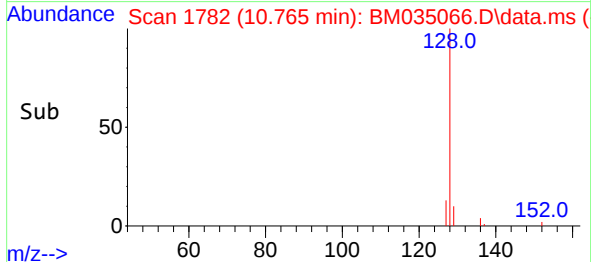


Tgt Ion:128 Resp: 177

Ion	Ratio	Lower	Upper
128	100		
129	17.6	13.4	20.2
127	18.5	15.2	22.8

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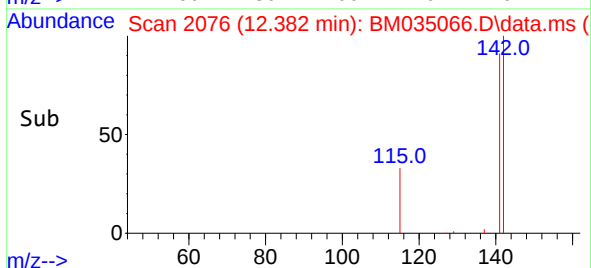
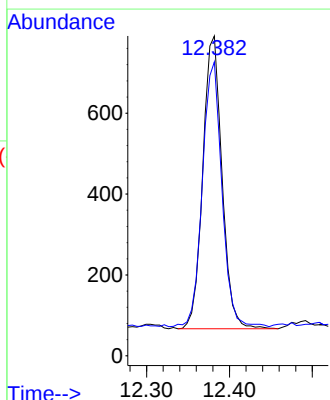
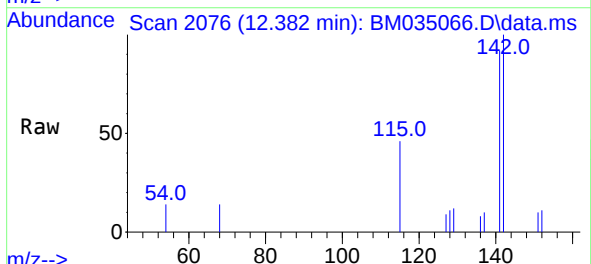
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

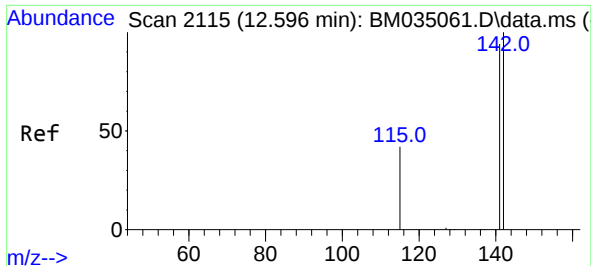


#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29

Tgt Ion:142 Resp: 1164

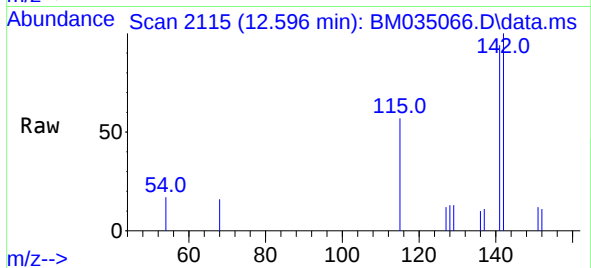
Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.8	107.6





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29

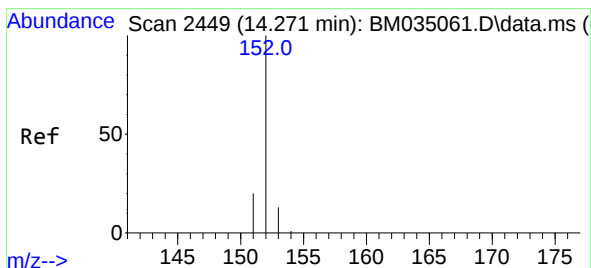
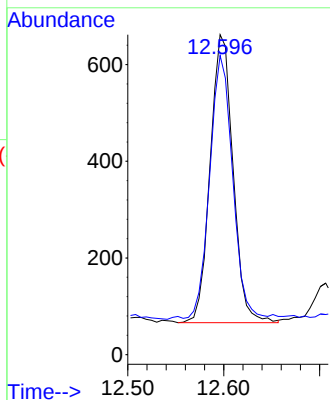
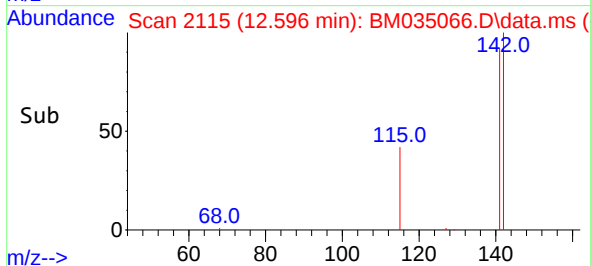
Instrument :
BNA_M
ClientSampleId :
EW492



Tgt Ion:142 Resp: 984
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4

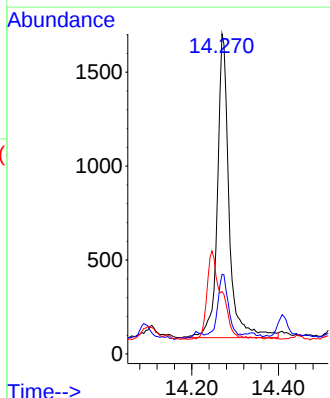
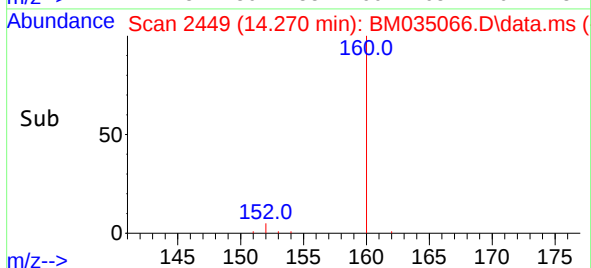
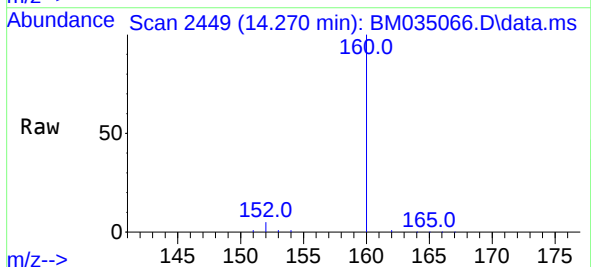
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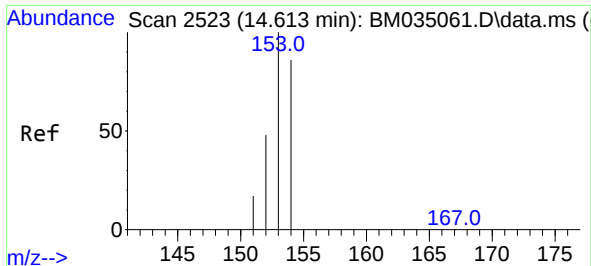
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29

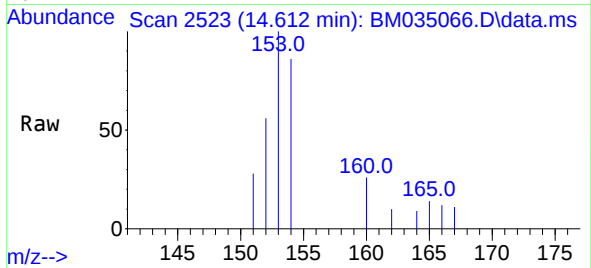
Tgt Ion:152 Resp: 3012
Ion Ratio Lower Upper
152 100
151 24.9 19.9 29.9
153 19.5 15.0 22.4





#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.612 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29

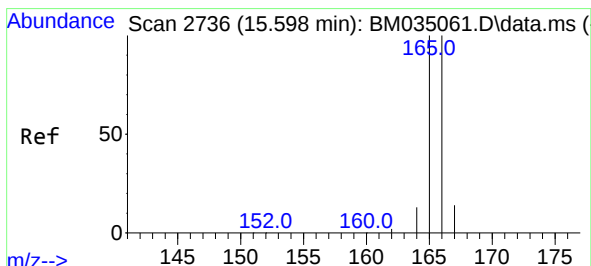
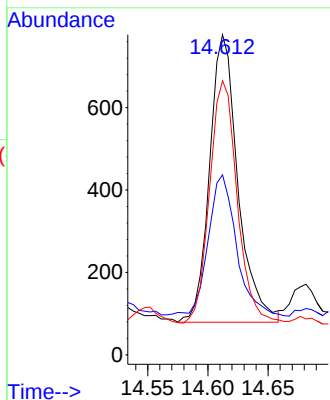
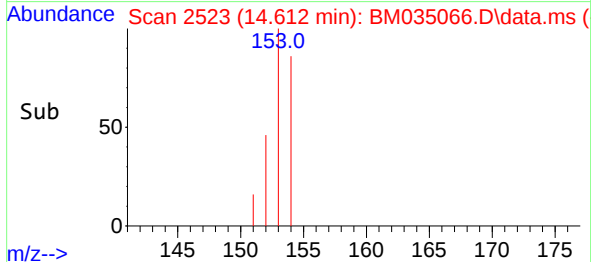
Instrument :
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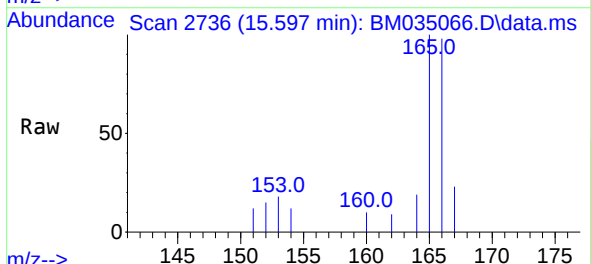
Tgt Ion:153 Resp: 1149
Ion Ratio Lower Upper
153 100
152 56.2 42.4 63.6
154 85.6 66.2 99.2

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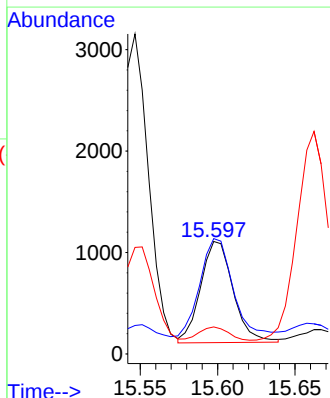
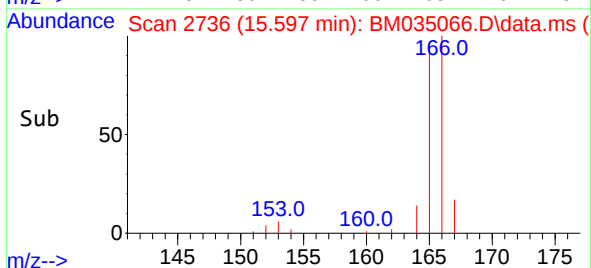
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

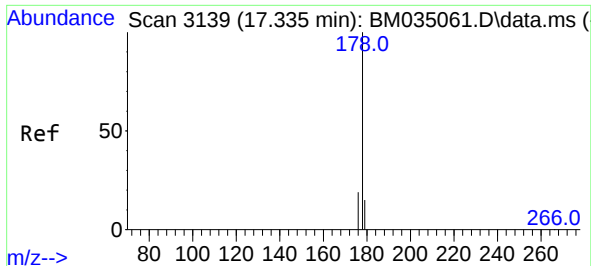


#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29



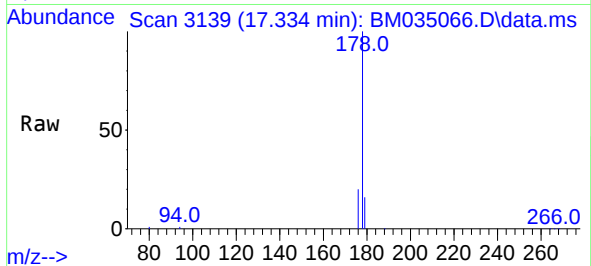
Tgt Ion:166 Resp: 1459
Ion Ratio Lower Upper
166 100
165 102.5 81.1 121.7
167 24.1 14.9 22.3#





#15
Phenanthrene
Concen: 0.519 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29

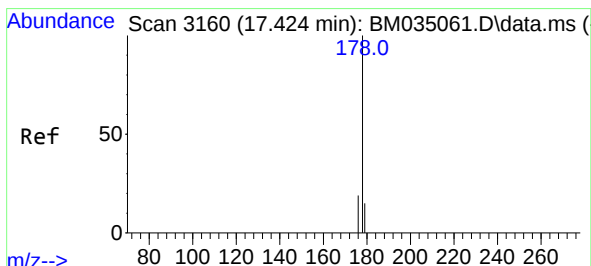
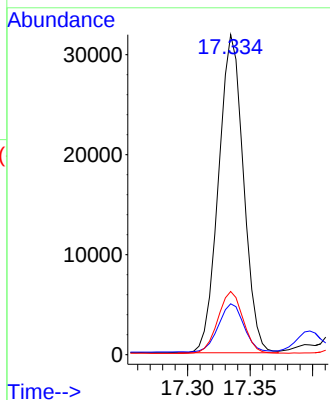
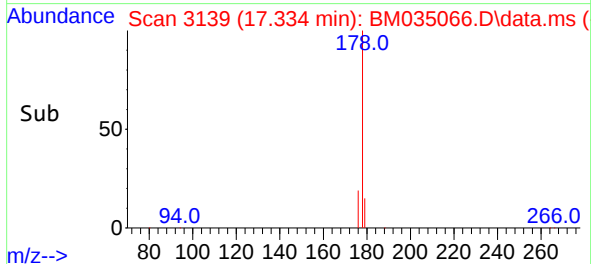
Instrument :
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ClientSampleId :
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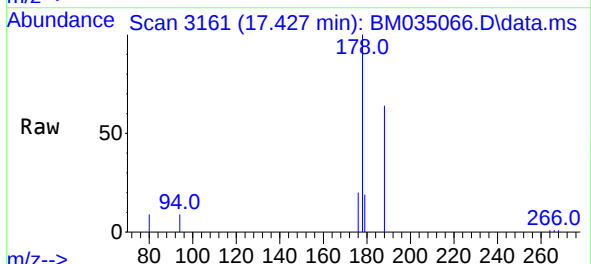
Tgt Ion:178 Resp: 44100
Ion Ratio Lower Upper
178 100
179 15.9 15.0 22.6
176 19.8 17.9 26.9

Manual Integrations
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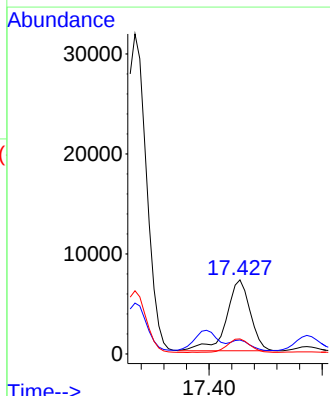
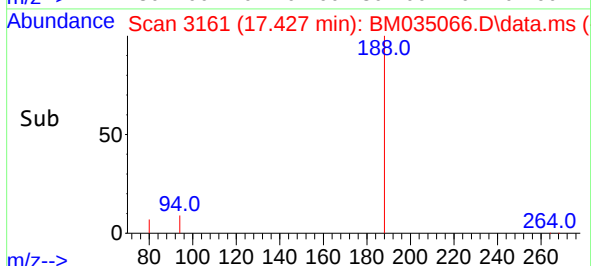
Reviewed By :Jagrut Upadhyay 05/16/2022
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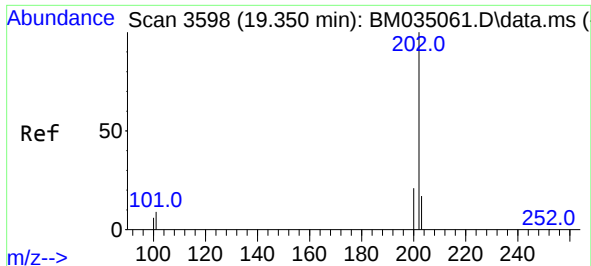


#16
Anthracene
Concen: 0.134 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29



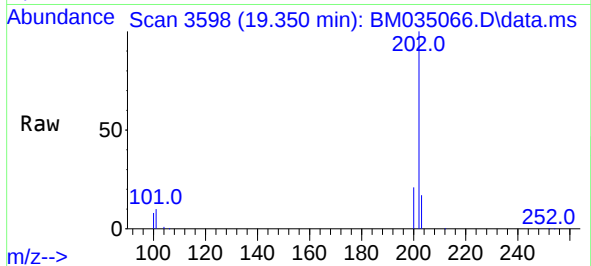
Tgt Ion:178 Resp: 10356
Ion Ratio Lower Upper
178 100
179 18.9 16.5 24.7
176 20.4 18.3 27.5





#19
Fluoranthene
Concen: 2.361 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29

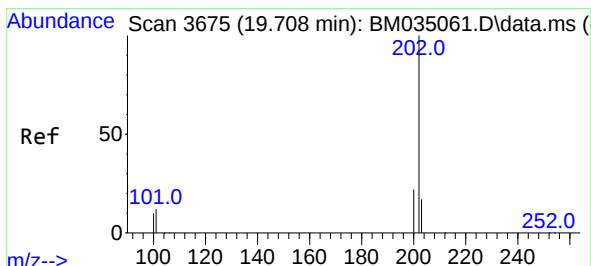
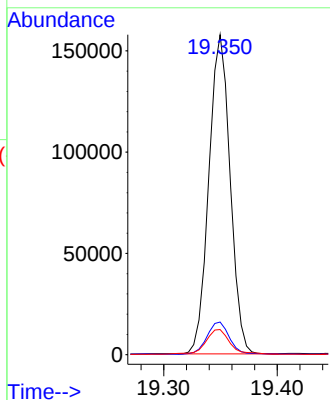
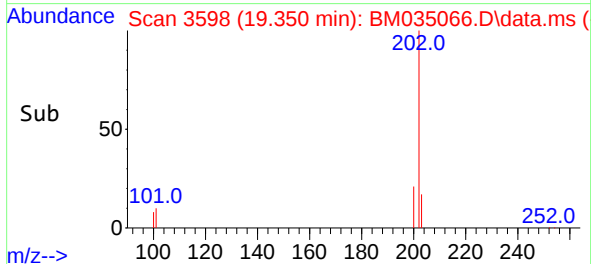
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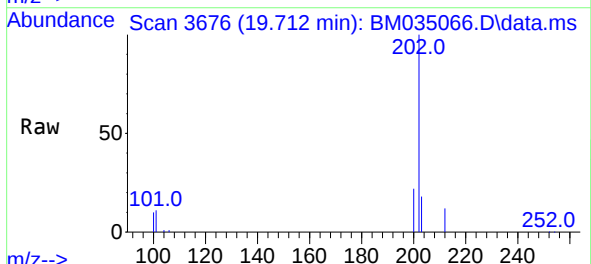
Tgt Ion:202 Resp: 20477
Ion Ratio Lower Upper
202 100
101 10.2 9.2 13.8
100 7.8 7.2 10.8

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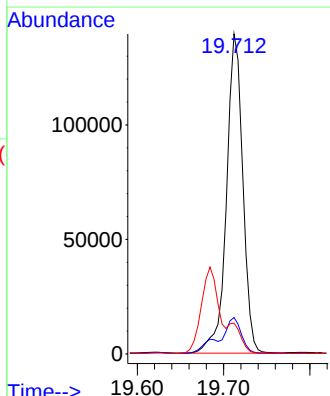
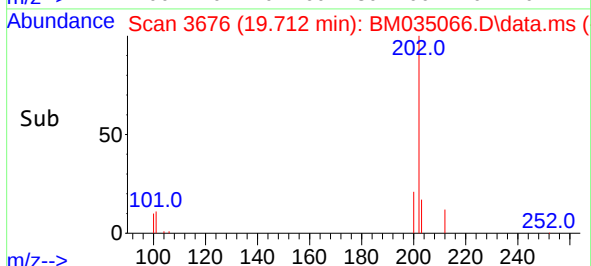
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

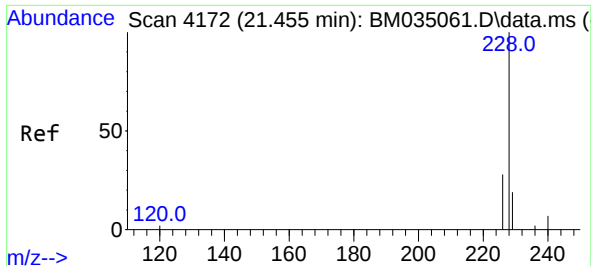


#20
Pyrene
Concen: 2.081 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29



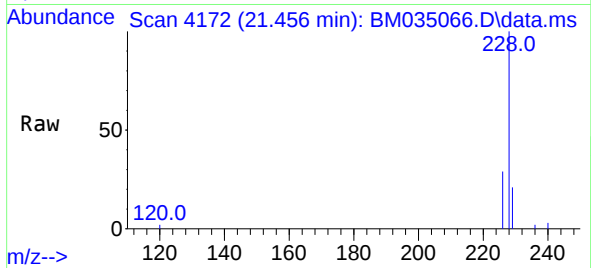
Tgt Ion:202 Resp: 183316
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
100 9.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 1.260 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29

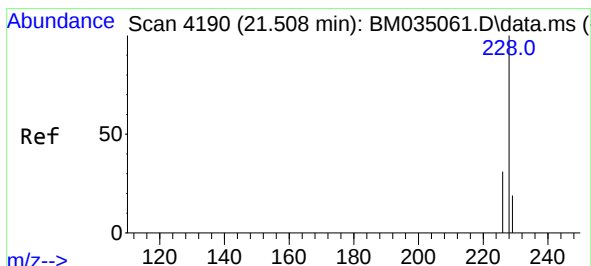
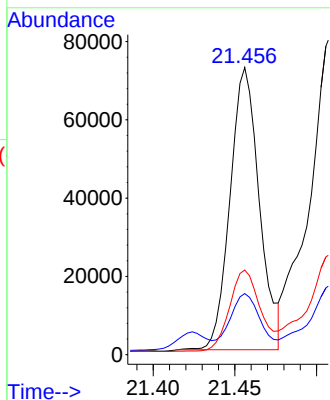
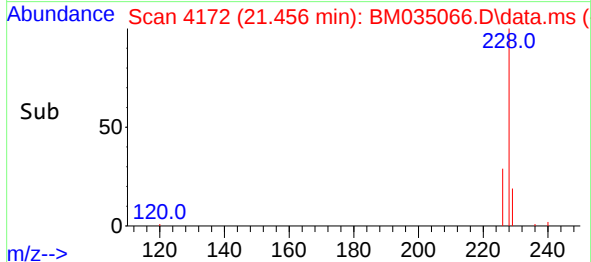
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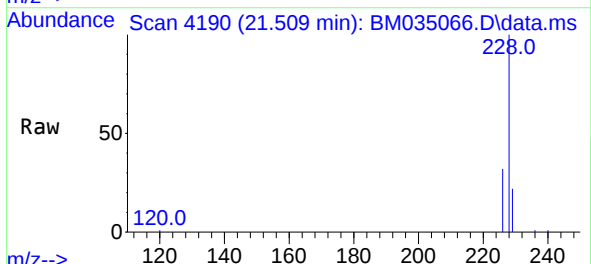
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Ion Ratio Lower Upper
228 100
229 21.3 17.3 25.9
226 29.5 23.2 34.8

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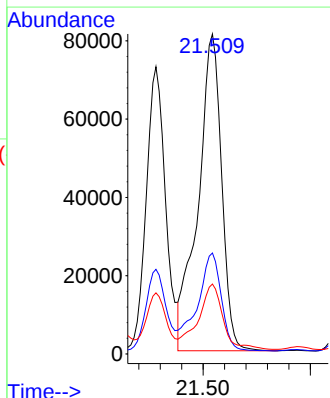
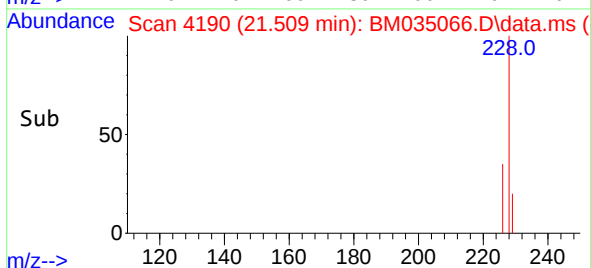
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

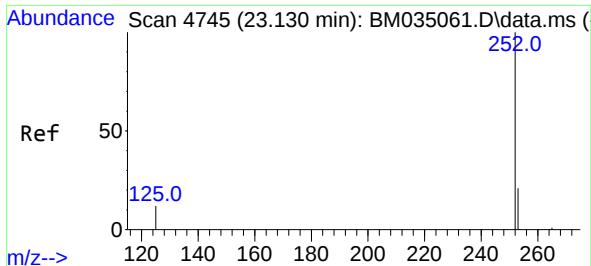


#22
Chrysene
Concen: 1.660 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29



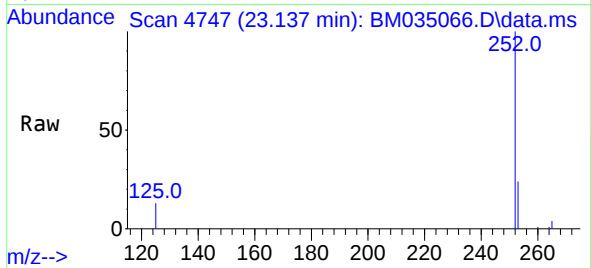
Tgt Ion:228 Resp: 123408
Ion Ratio Lower Upper
228 100
226 31.6 25.8 38.8
229 21.9 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 2.953 ng/ul
RT: 23.137 min Scan# 4745
Delta R.T. 0.003 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29

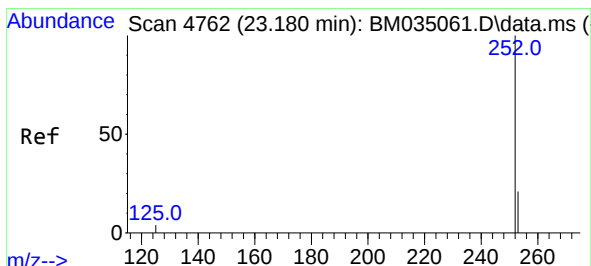
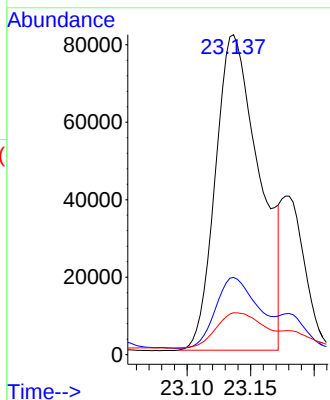
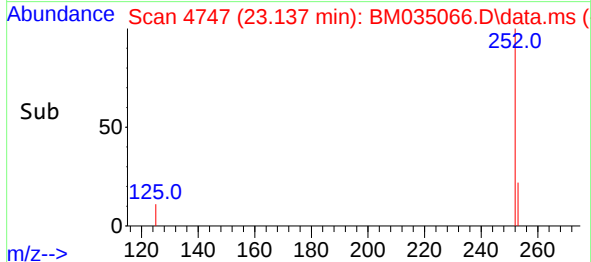
Instrument :
BNA_M
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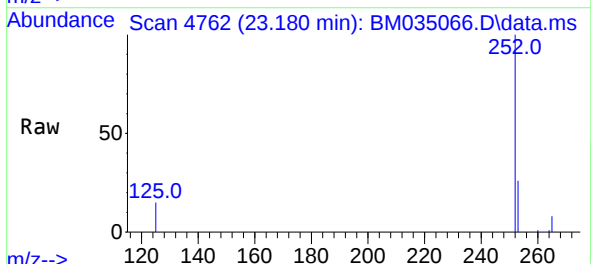
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Ion Ratio Lower Upper
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253 24.2 0.0 64.2
125 13.1 0.0 28.8

Manual Integrations
APPROVED

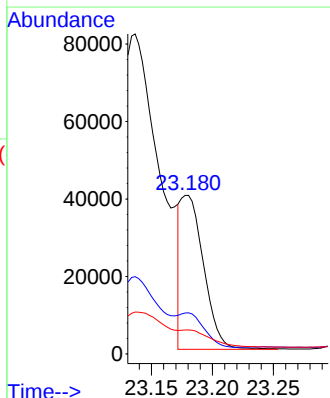
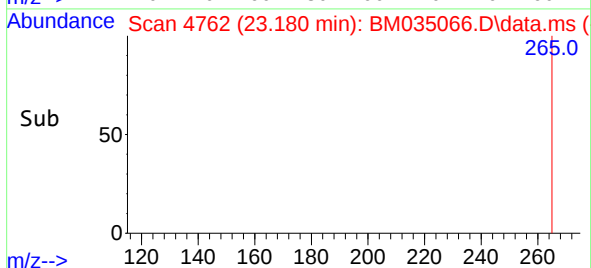
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

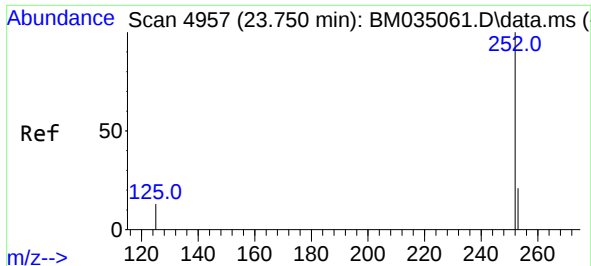


#25
Benzo(k)fluoranthene
Concen: 0.817 ng/ul m
RT: 23.180 min Scan# 4762
Delta R.T. 0.000 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29



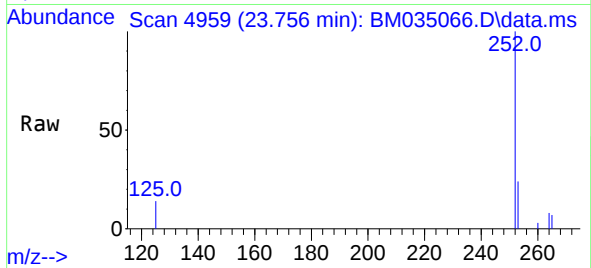
Tgt Ion:252 Resp: 51887
Ion Ratio Lower Upper
252 100
253 25.9 26.8 40.2#
125 15.2 12.0 18.0





#26
Benzo(a)pyrene
Concen: 1.898 ng/ul
RT: 23.756 min Scan# 4959
Delta R.T. 0.006 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29

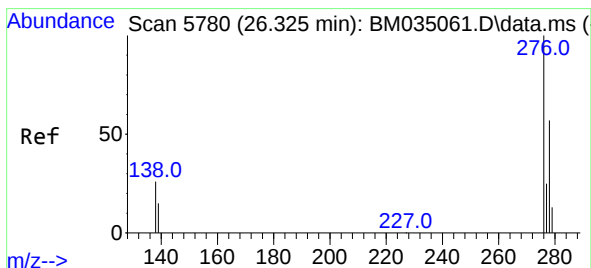
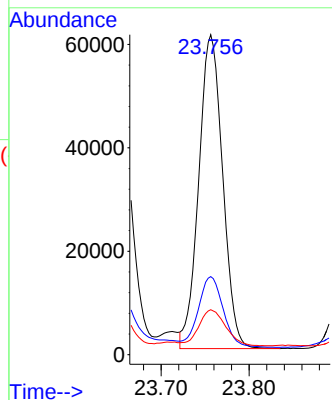
Instrument :
BNA_M
ClientSampleId :
EW492



Tgt Ion:252 Resp: 114908
Ion Ratio Lower Upper
252 100
253 24.4 32.0 48.0
125 14.0 14.5 21.7

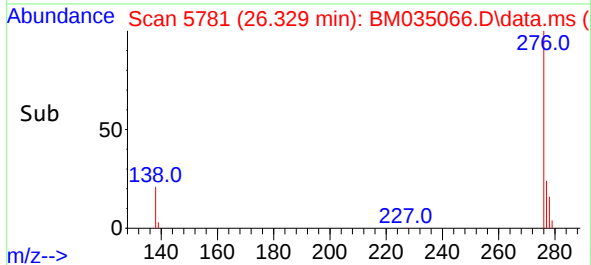
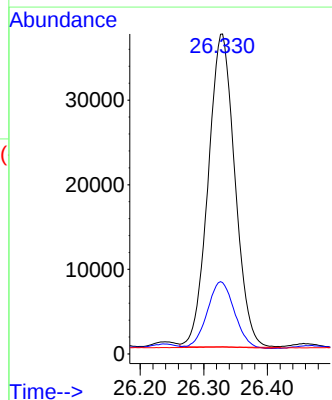
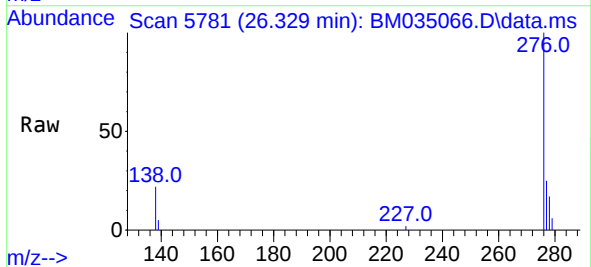
Manual Integrations
APPROVED

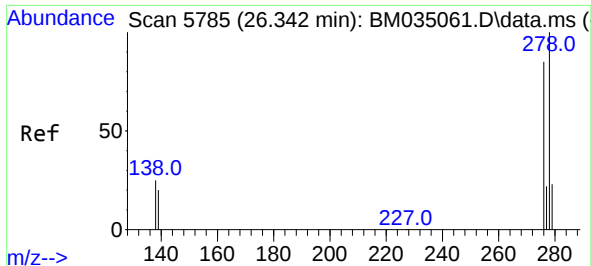
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.799 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. 0.003 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29

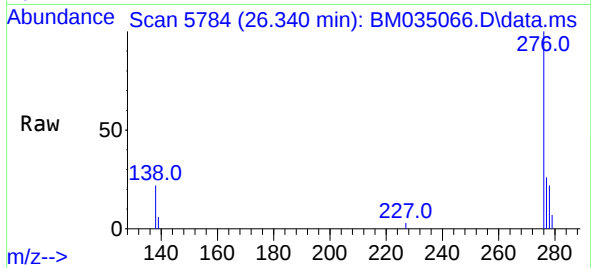
Tgt Ion:276 Resp: 107782
Ion Ratio Lower Upper
276 100
138 21.9 15.8 23.6
227 0.6 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.460 ng/ul
RT: 26.340 min Scan# 5785
Delta R.T. -0.003 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29

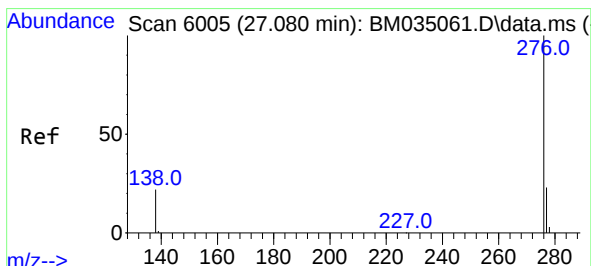
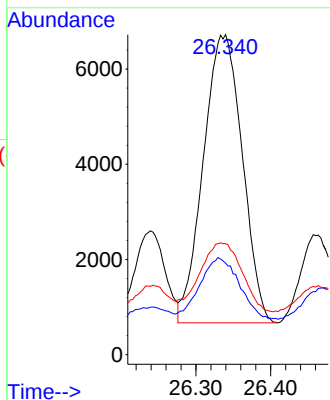
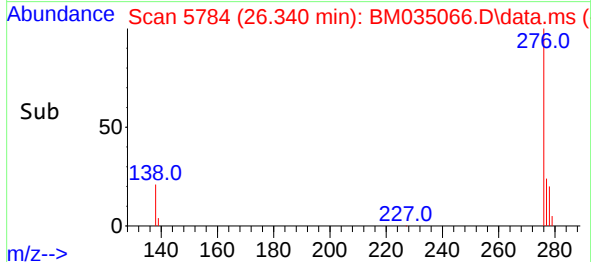
Instrument :
BNA_M
ClientSampleId :
EW492



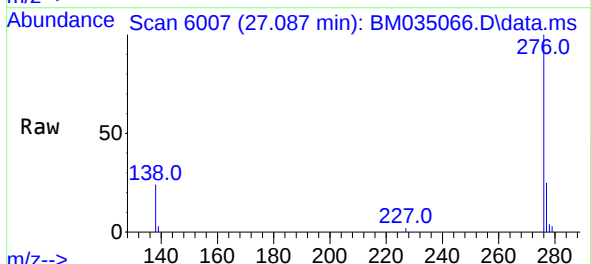
Tgt Ion:278 Resp: 21935
Ion Ratio Lower Upper
278 100
139 28.6 18.0 27.0
279 34.7 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.870 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. 0.007 min
Lab File: BM035066.D
Acq: 14 May 2022 15:29



Tgt Ion:276 Resp: 96399
Ion Ratio Lower Upper
276 100
138 24.0 17.4 26.0
277 25.3 22.6 33.8

