

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035069.D
 Acq On : 14 May 2022 17:17
 Operator : CG/JU
 Sample : N2603-12DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW493DL

Manual Integrations
 APPROVED

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

Quant Time: May 15 01:31:37 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	6309	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	19499	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	12346	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	26706	0.400	ng/ul #	0.00
17) Chrysene-d12	21.476	240	18041	0.400	ng/ul #	0.00
23) Perylene-d12	23.861	264	16204	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	6469	0.856	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	1916	0.062	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	4428	0.072	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	6992	0.109	ng/ul#	91
7) 2-Methylnaphthalene	12.382	142	3722	0.088	ng/ul	98
8) 1-Methylnaphthalene	12.602	142	2916	0.074	ng/ul	99
10) Acenaphthylene	14.270	152	1735	0.024	ng/ul#	91
11) Acenaphthene	14.612	153	9778	0.185	ng/ul	95
12) Fluorene	15.597	166	9740	0.158	ng/ul	99
15) Phenanthrene	17.334	178	174350	1.714	ng/ul	93
16) Anthracene	17.427	178	36035	0.389	ng/ul#	92
19) Fluoranthene	19.349	202	314794	3.107	ng/ul	96
20) Pyrene	19.712	202	259229	2.519	ng/ul	100
21) Benzo(a)anthracene	21.459	228	101249	1.213	ng/ul	99
22) Chrysene	21.511	228	99315	1.143	ng/ul	98
24) Benzo(b)fluoranthene	23.136	252	124571	1.466	ng/ul	90
25) Benzo(k)fluoranthene	23.180	252	33278m	0.410	ng/ul	
26) Benzo(a)pyrene	23.756	252	81398	1.053	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.329	276	55930	0.731	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.346	278	12954	0.213	ng/ul#	87
29) Benzo(g,h,i)perylene	27.087	276	43476	0.661	ng/ul	94

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

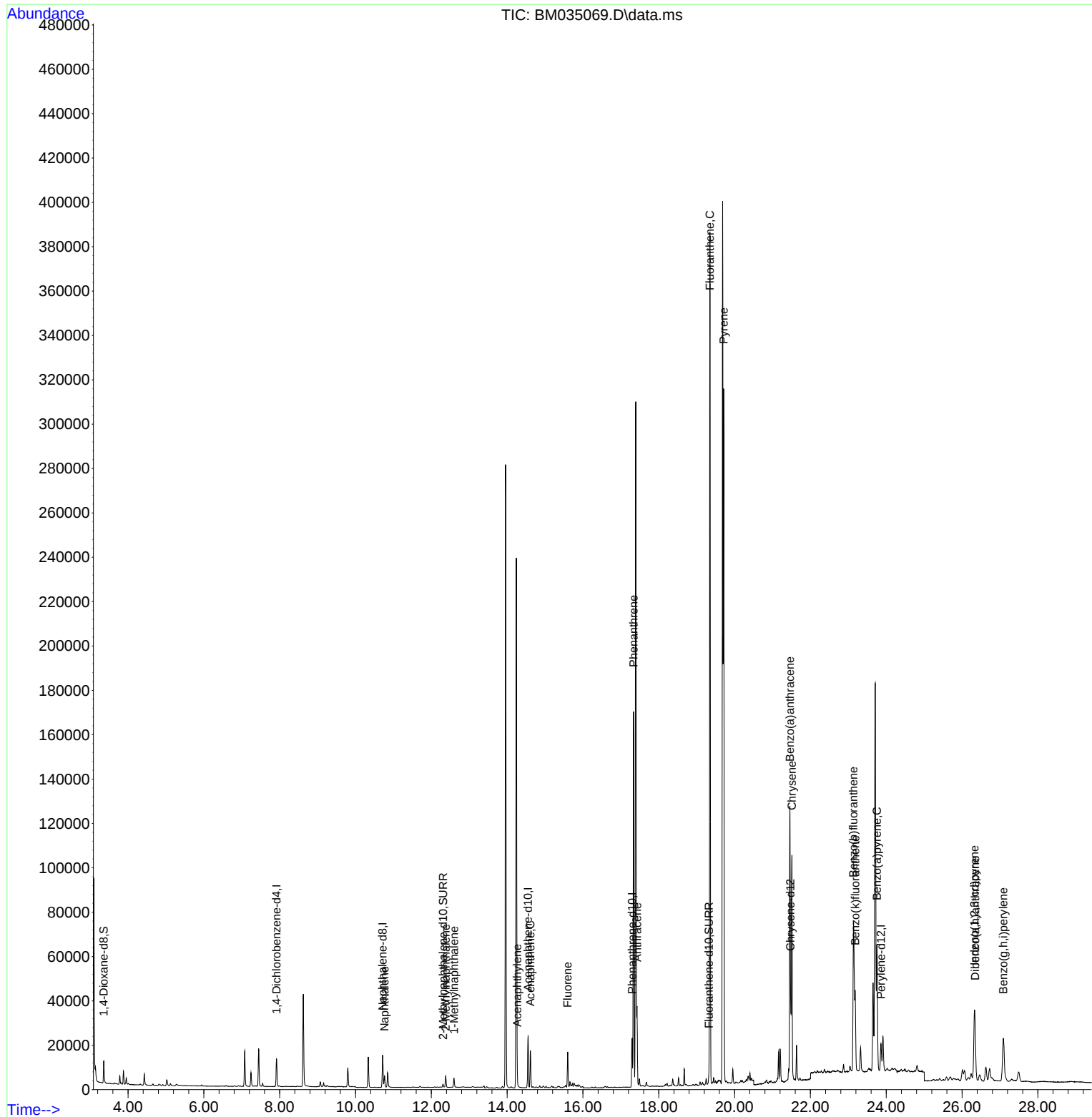
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035069.D
Acq On : 14 May 2022 17:17
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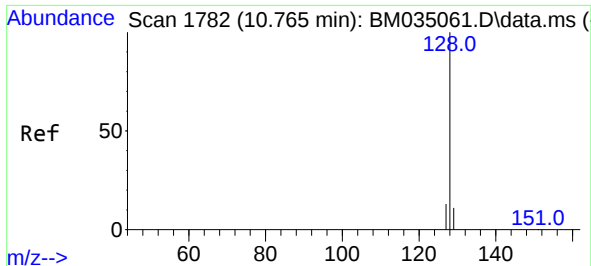
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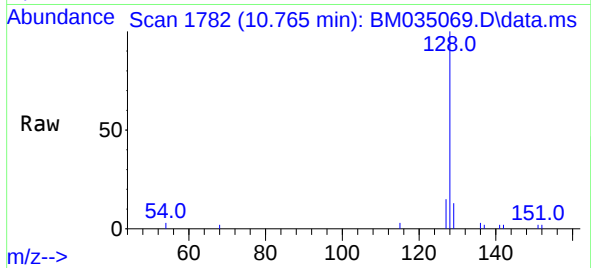
Quant Time: May 15 01:31:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.109 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17

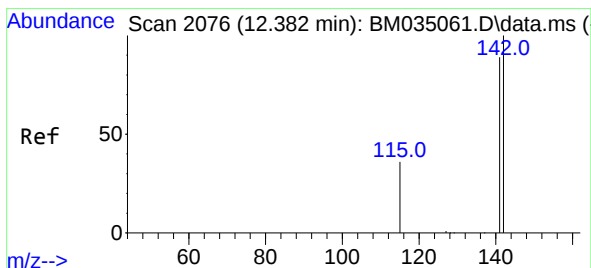
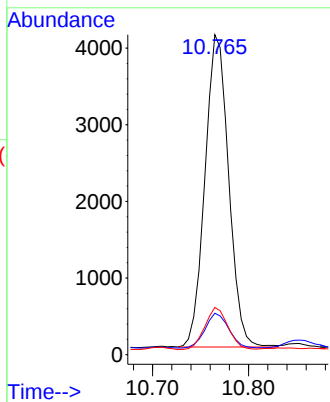
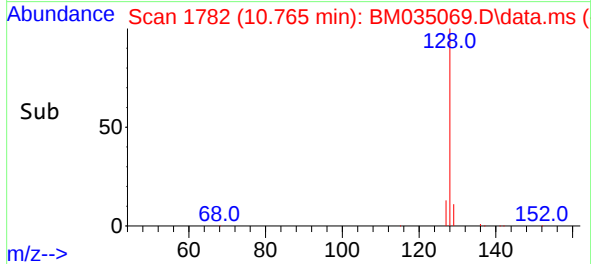
Instrument :
BNA_M
ClientSampleId :
EW493DL



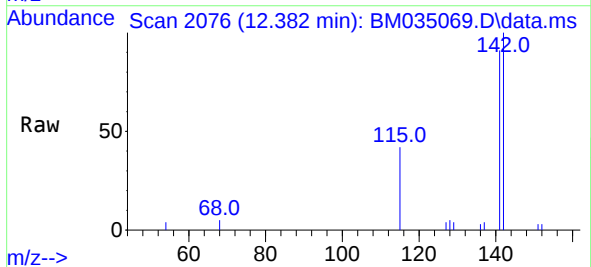
Tgt Ion:128 Resp: 6992
Ion Ratio Lower Upper
128 100
129 13.0 13.4 20.2
127 14.8 15.2 22.8

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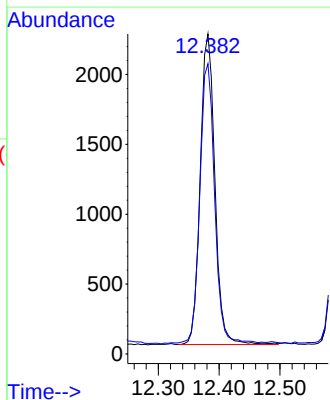
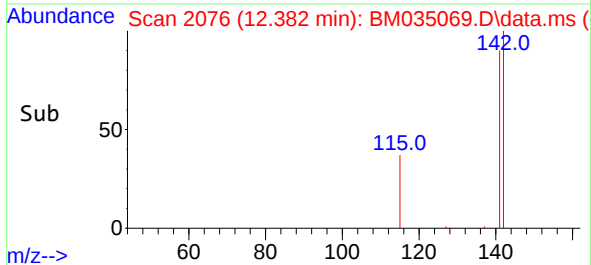
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

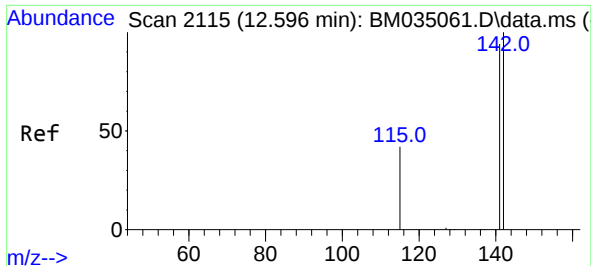


#7
2-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17



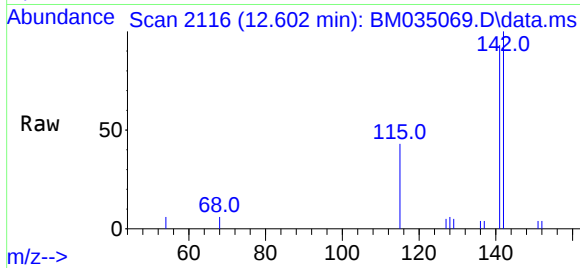
Tgt Ion:142 Resp: 3722
Ion Ratio Lower Upper
142 100
141 91.6 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17

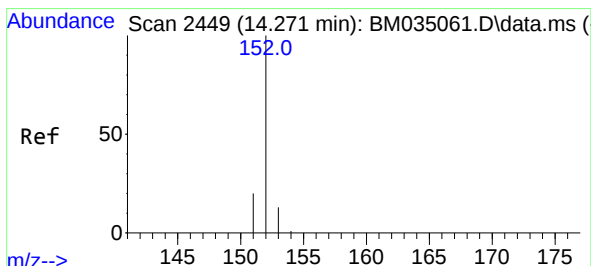
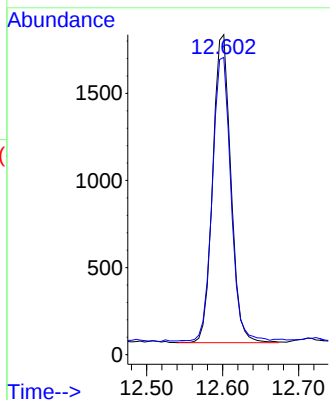
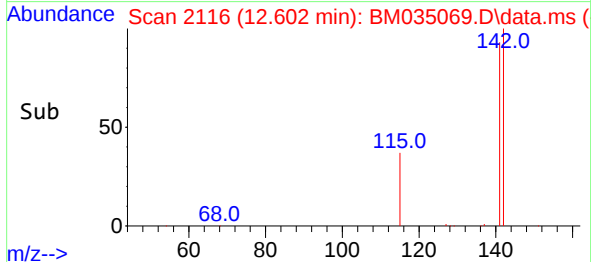
Instrument :
BNA_M
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Tgt Ion:142 Resp: 2910
Ion Ratio Lower Upper
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141 94.2 75.0 112.4

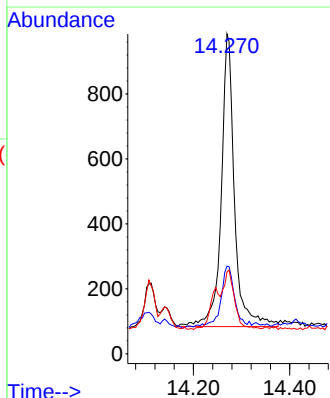
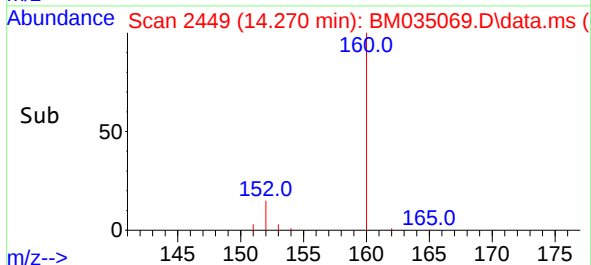
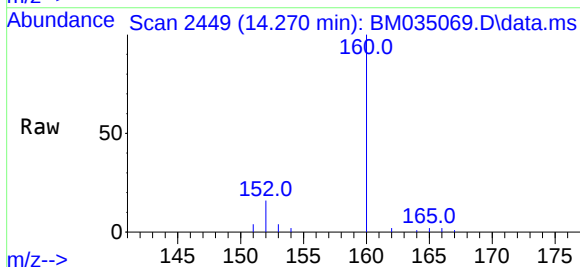
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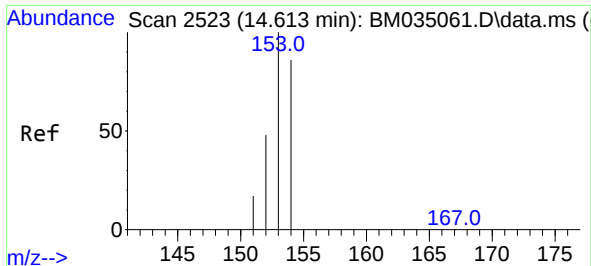
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17

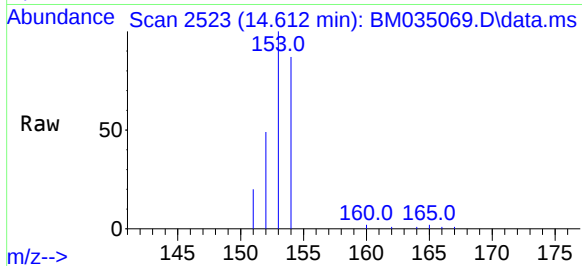
Tgt Ion:152 Resp: 1735
Ion Ratio Lower Upper
152 100
151 27.4 19.9 29.9
153 25.6 15.0 22.4#





#11
Acenaphthene
Concen: 0.185 ng/ul
RT: 14.612 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17

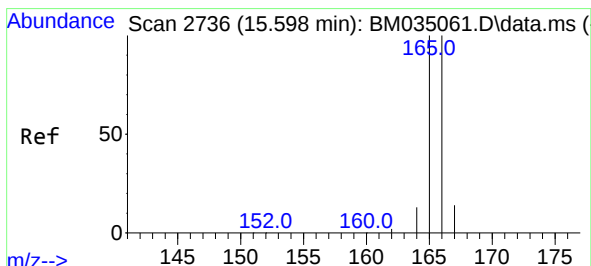
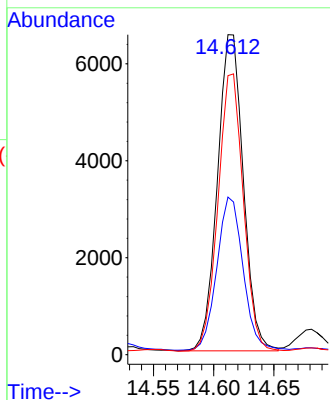
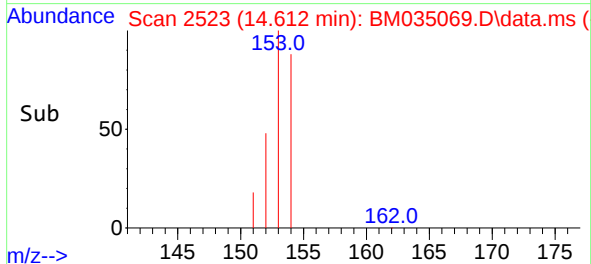
Instrument :
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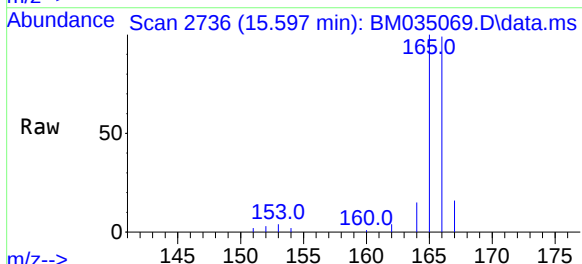
Tgt Ion:153 Resp: 9778
Ion Ratio Lower Upper
153 100
152 49.2 42.4 63.6
154 87.2 66.2 99.2

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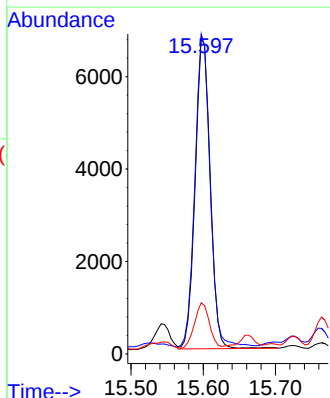
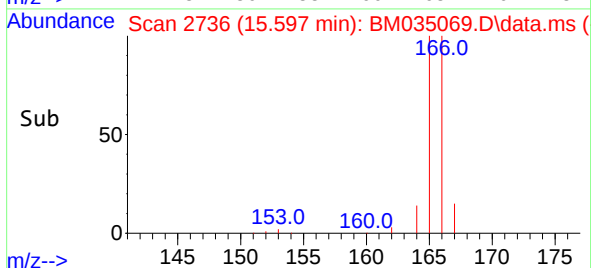
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

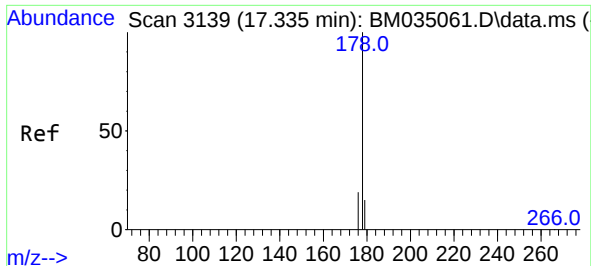


#12
Fluorene
Concen: 0.158 ng/ul
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17



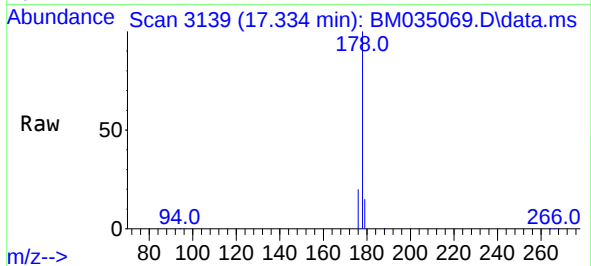
Tgt Ion:166 Resp: 9740
Ion Ratio Lower Upper
166 100
165 101.0 81.1 121.7
167 16.1 14.9 22.3





#15
Phenanthrene
Concen: 1.714 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17

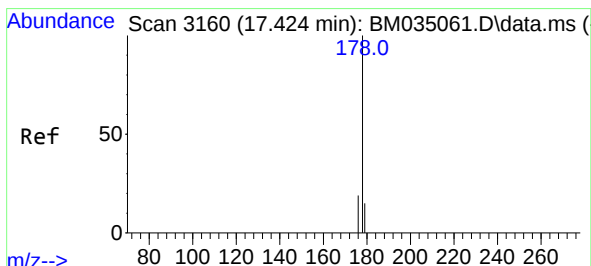
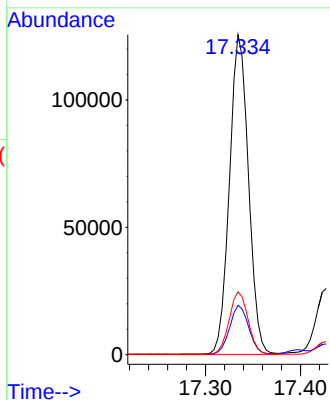
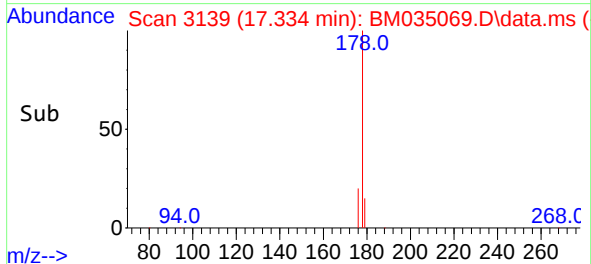
Instrument :
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ClientSampleId :
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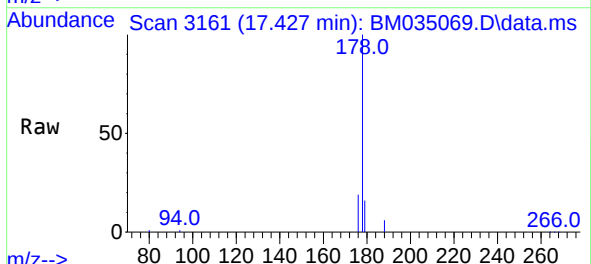
Tgt Ion:178 Resp: 174350
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.6 17.9 26.9

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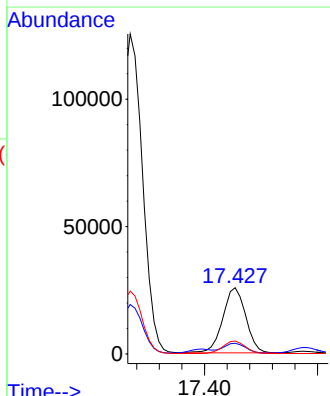
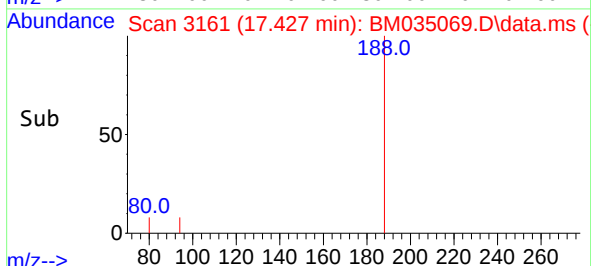
Reviewed By :Jagrut Upadhyay 05/16/2022
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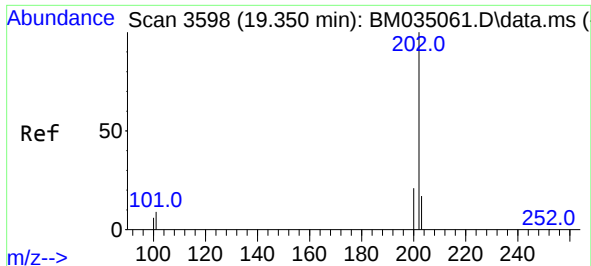


#16
Anthracene
Concen: 0.389 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17



Tgt Ion:178 Resp: 36035
Ion Ratio Lower Upper
178 100
179 16.3 16.5 24.7#
176 19.5 18.3 27.5





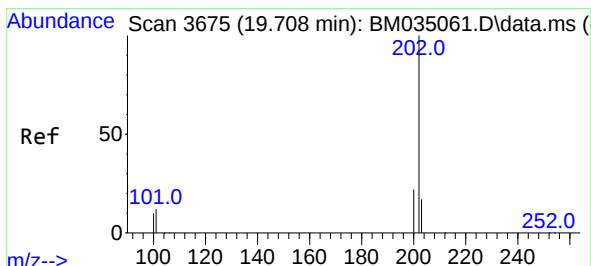
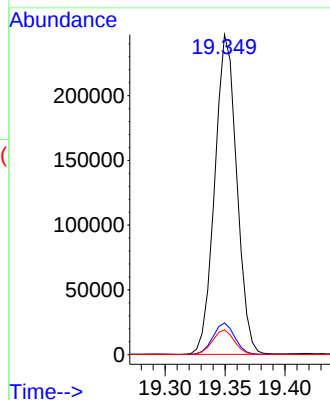
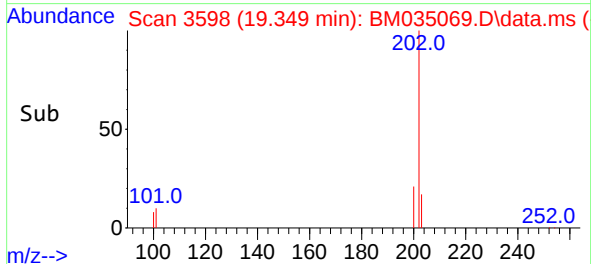
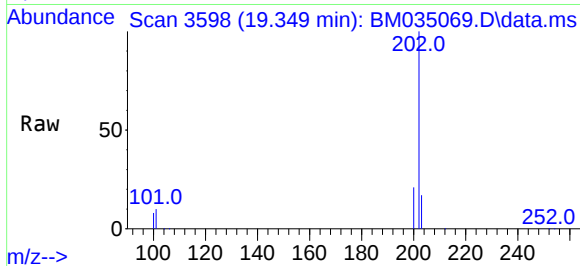
#19
Fluoranthene
Concen: 3.107 ng/ul
RT: 19.349 min Scan# 314794
Delta R.T. -0.000 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 314794
Ion Ratio Lower Upper
202 100
101 9.9 9.2 13.8
100 7.7 7.2 10.8

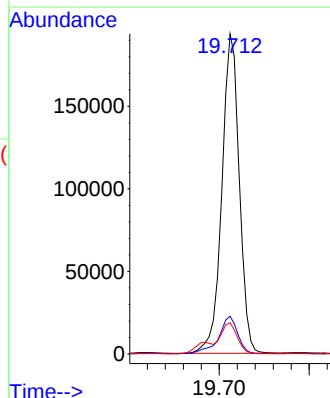
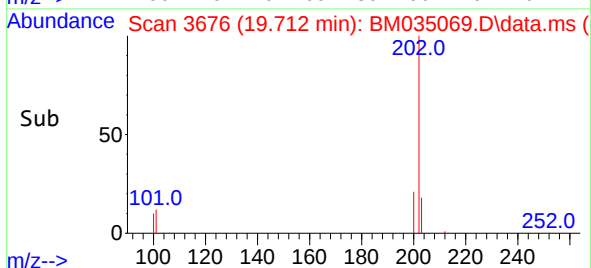
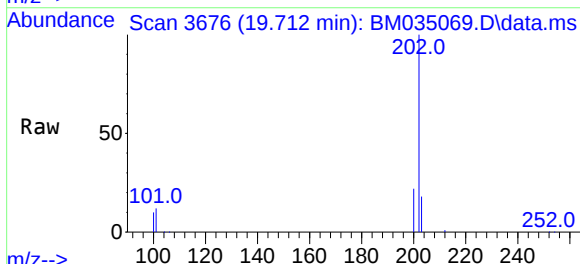
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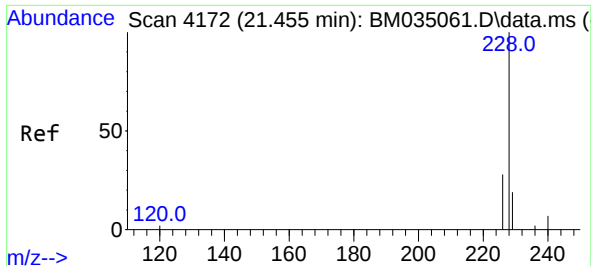
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#20
Pyrene
Concen: 2.519 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. -0.000 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17

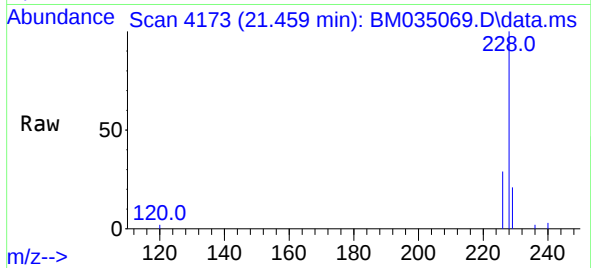
Tgt Ion:202 Resp: 259229
Ion Ratio Lower Upper
202 100
101 11.7 9.3 13.9
100 9.8 7.8 11.6





#21
Benzo(a)anthracene
Concen: 1.213 ng/ul
RT: 21.459 min Scan# 4172
Delta R.T. -0.000 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17

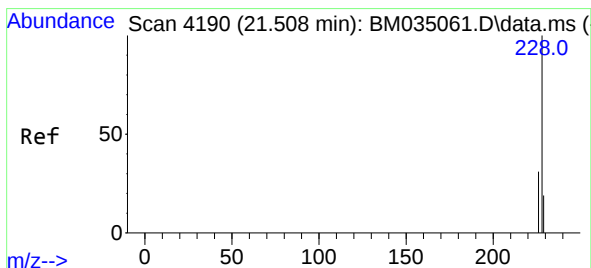
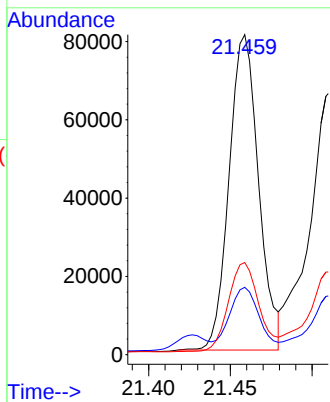
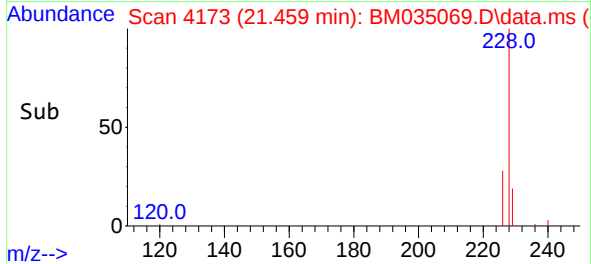
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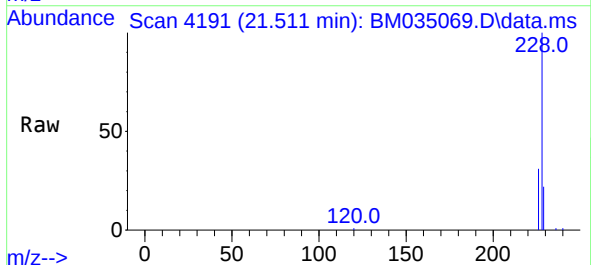
Tgt Ion:228 Resp: 101249
Ion Ratio Lower Upper
228 100
229 21.1 17.3 25.9
226 28.8 23.2 34.8

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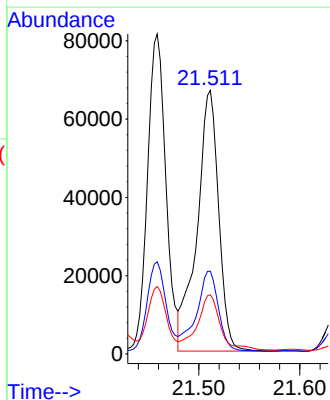
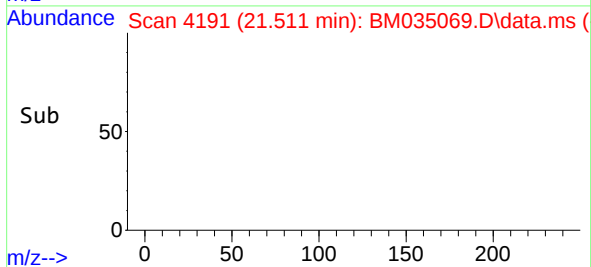
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

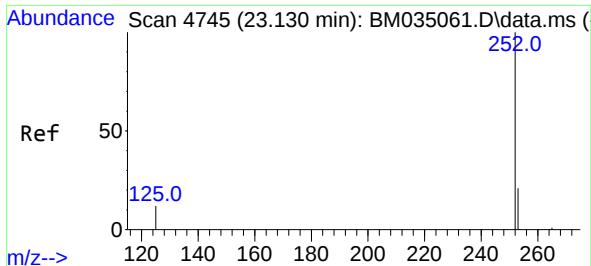


#22
Chrysene
Concen: 1.143 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17



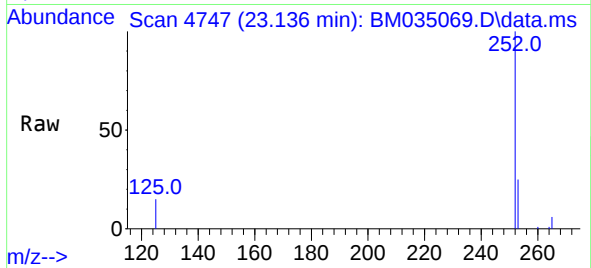
Tgt Ion:228 Resp: 99315
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.8
229 22.5 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 1.466 ng/ul
RT: 23.136 min Scan# 4745
Delta R.T. 0.003 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17

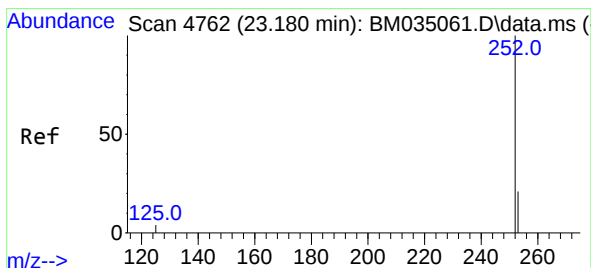
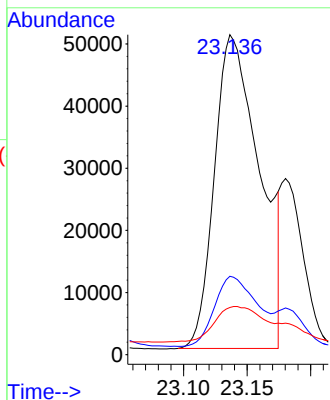
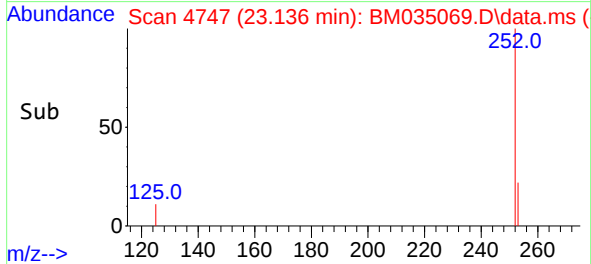
Instrument :
BNA_M
ClientSampleId :
EW493DL



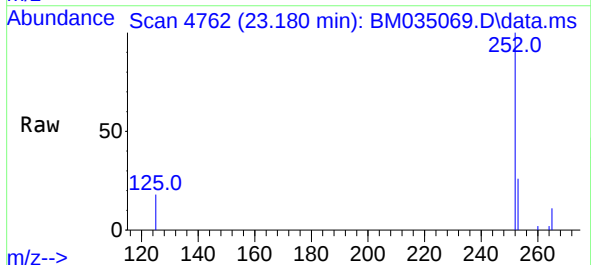
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Ion Ratio Lower Upper
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253 24.5 0.0 64.2
125 14.7 0.0 28.8

Manual Integrations
APPROVED

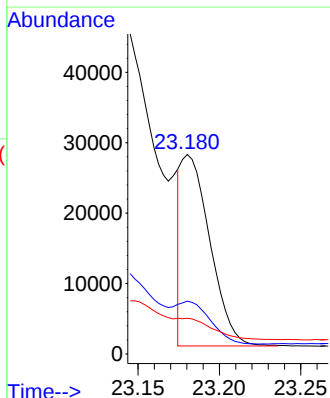
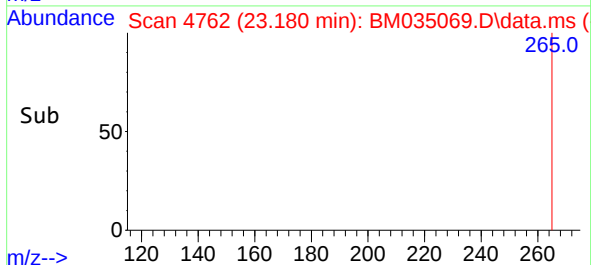
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

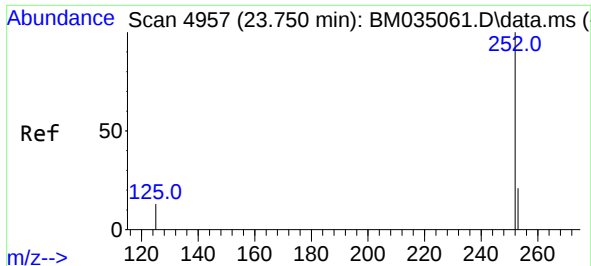


#25
Benzo(k)fluoranthene
Concen: 0.410 ng/ul m
RT: 23.180 min Scan# 4762
Delta R.T. -0.000 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17



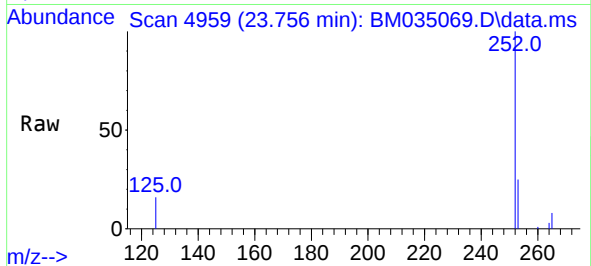
Tgt Ion:252 Resp: 33278
Ion Ratio Lower Upper
252 100
253 26.5 26.8 40.2#
125 17.9 12.0 18.0





#26
Benzo(a)pyrene
Concen: 1.053 ng/ul
RT: 23.756 min Scan# 4959
Delta R.T. 0.006 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17

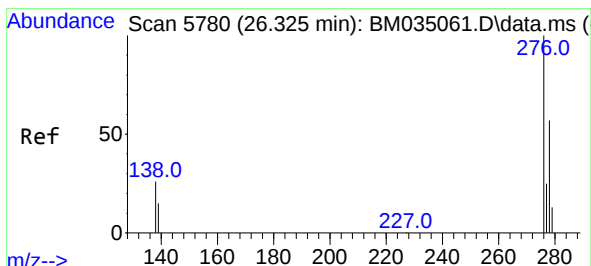
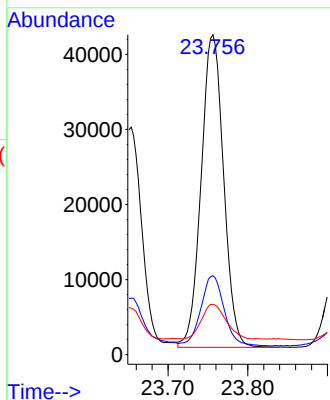
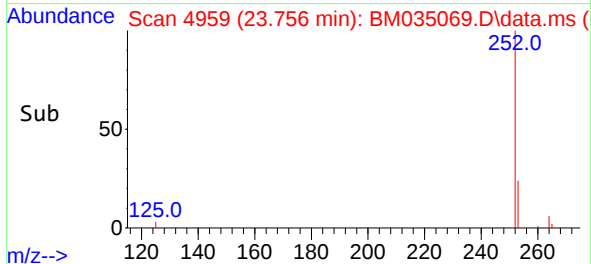
Instrument :
BNA_M
ClientSampleId :
EW493DL



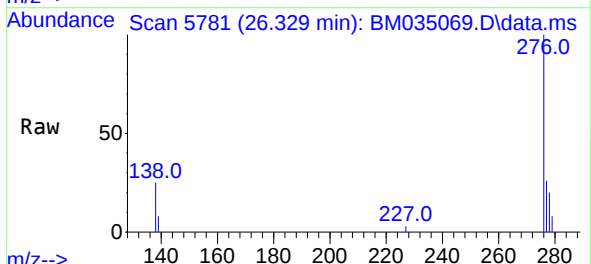
Tgt Ion:252 Resp: 81398
Ion Ratio Lower Upper
252 100
253 24.7 32.0 48.0
125 15.7 14.5 21.7

Manual Integrations
APPROVED

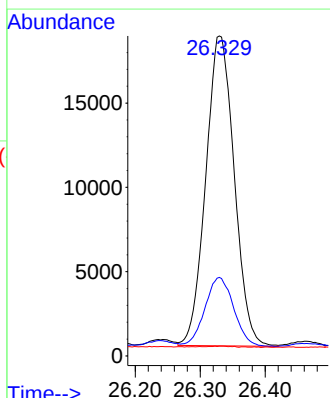
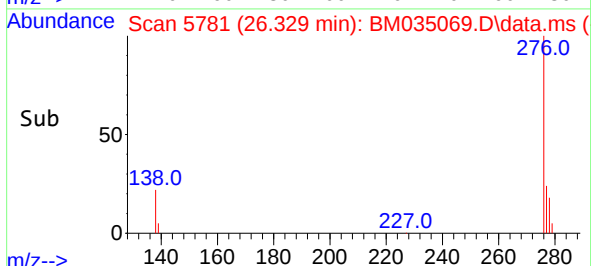
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

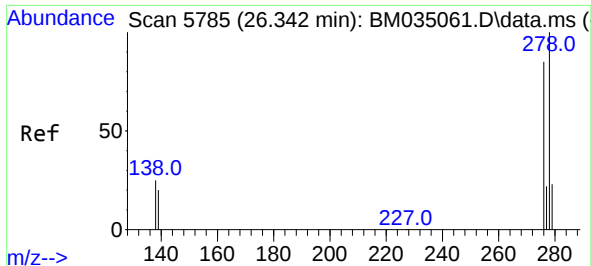


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.731 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. 0.003 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17



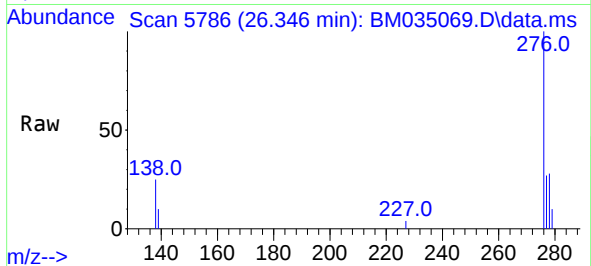
Tgt Ion:276 Resp: 55930
Ion Ratio Lower Upper
276 100
138 22.6 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.213 ng/ul
RT: 26.346 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17

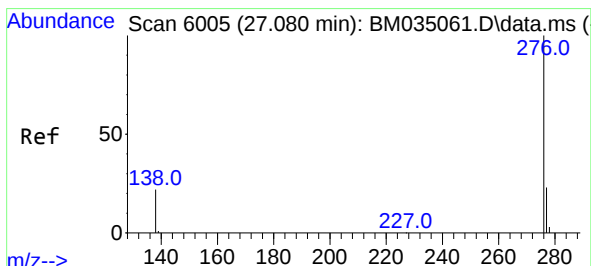
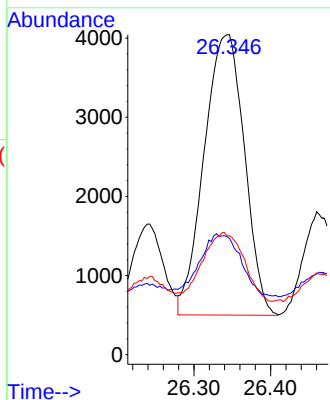
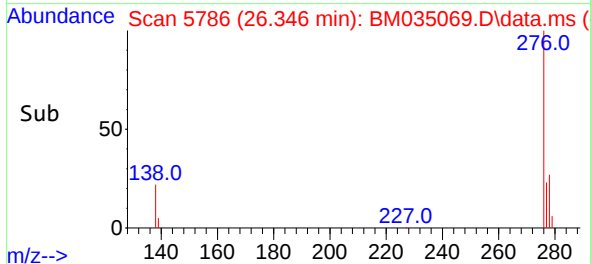
Instrument :
BNA_M
ClientSampleId :
EW493DL



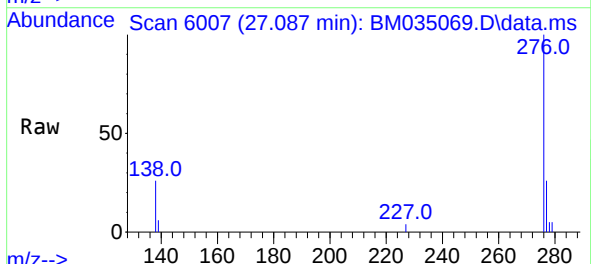
Tgt Ion: 278 Resp: 12954
Ion Ratio Lower Upper
278 100
139 36.4 18.0 27.0
279 37.1 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.661 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. 0.007 min
Lab File: BM035069.D
Acq: 14 May 2022 17:17



Tgt Ion: 276 Resp: 43476
Ion Ratio Lower Upper
276 100
138 25.9 17.4 26.0
277 26.1 22.6 33.8

