

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035031.D
 Acq On : 13 May 2022 17:13
 Operator : CG/JU
 Sample : N2603-21MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A1MS

Manual Integrations
 APPROVED

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

Quant Time: May 13 23:12:08 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	7.921	152	3929	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	12381	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	7712	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	16664	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	14028	0.400	ng/ul #	0.00
23) Perylene-d12	23.855	264	13430	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	1718	0.365	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	4702	0.238	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	12569	0.261	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	4416	0.934	ng/ul#	84
5) Naphthalene	10.770	128	20343	0.498	ng/ul#	87
7) 2-Methylnaphthalene	12.382	142	9266	0.345	ng/ul	100
8) 1-Methylnaphthalene	12.602	142	8175	0.327	ng/ul	99
10) Acenaphthylene	14.271	152	11275	0.247	ng/ul#	90
11) Acenaphthene	14.613	153	25439	0.772	ng/ul	96
12) Fluorene	15.598	166	25814	0.670	ng/ul#	97
14) Pentachlorophenol	16.947	266	451	0.072	ng/ul	98
15) Phenanthrene	17.335	178	350174	5.517	ng/ul	93
16) Anthracene	17.424	178	85745	1.483	ng/ul#	91
19) Fluoranthene	19.350	202	520275	6.604	ng/ul	98
20) Pyrene	19.713	202	431192	5.389	ng/ul	99
21) Benzo(a)anthracene	21.455	228	212710	3.277	ng/ul	98
22) Chrysene	21.508	228	192338	2.847	ng/ul	99
24) Benzo(b)fluoranthene	23.136	252	237318	3.370	ng/ul	87
25) Benzo(k)fluoranthene	23.179	252	85376m	1.270	ng/ul	
26) Benzo(a)pyrene	23.750	252	155469	2.427	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.322	276	97505	1.538	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.339	278	31465m	0.624	ng/ul	
29) Benzo(g,h,i)perylene	27.080	276	71660	1.314	ng/ul	92

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

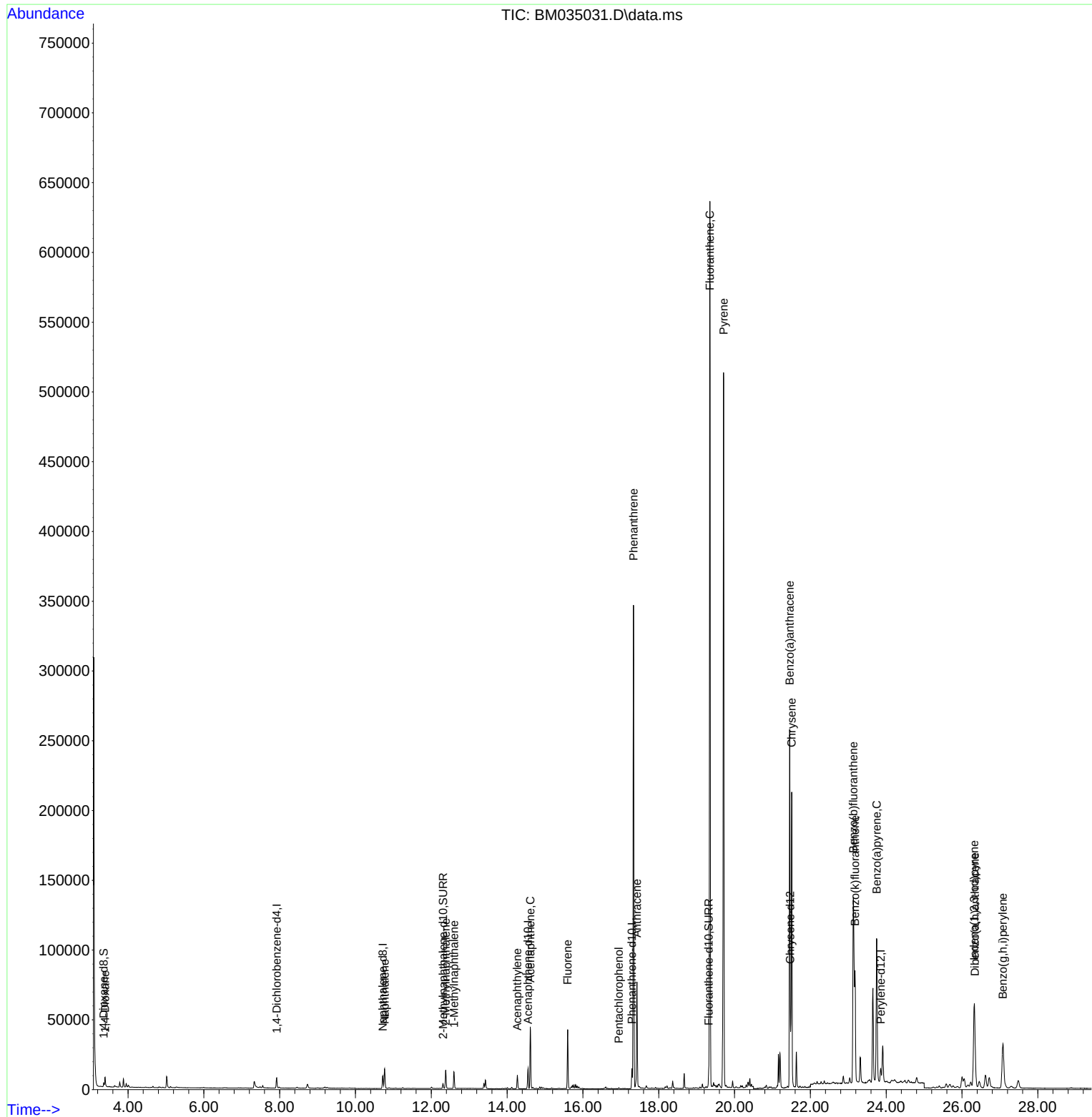
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035031.D
Acq On : 13 May 2022 17:13
Operator : CG/JU
Sample : N2603-21MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A1MS

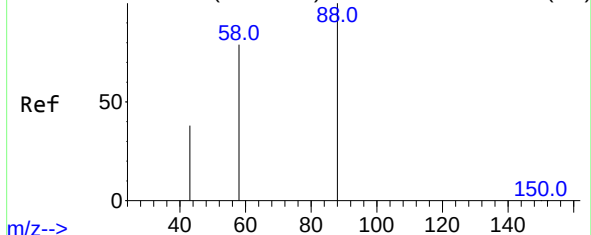
Manual Integrations
APPROVED

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

Quant Time: May 13 23:12:08 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



Abundance Scan 74 (3.394 min): BM035028.D\data.ms (-69)



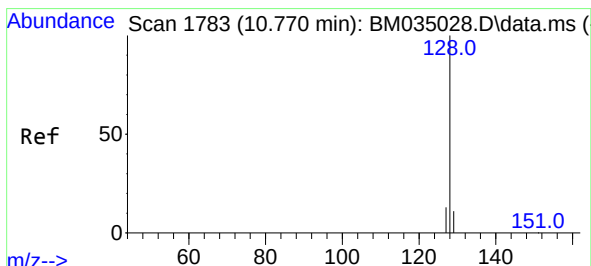
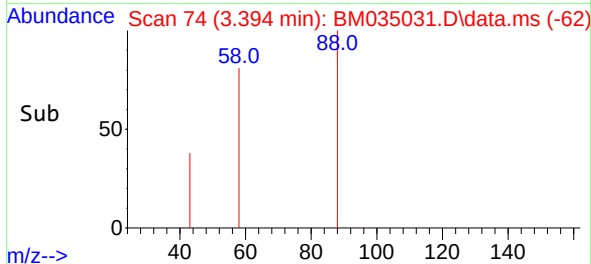
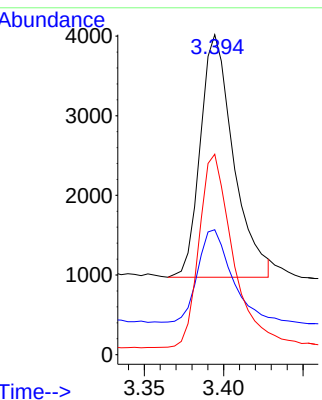
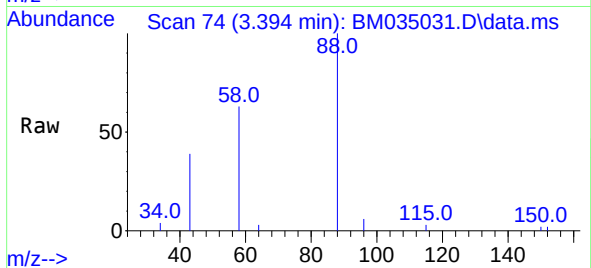
#2
1,4-Dioxane
Concen: 0.934 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. 0.000 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

Instrument :
BNA_M
ClientSampleId :
EW4A1MS

Tgt Ion: 88 Resp: 4410
Ion Ratio Lower Upper
88 100
43 39.0 49.7 74.5
58 62.7 52.5 78.7

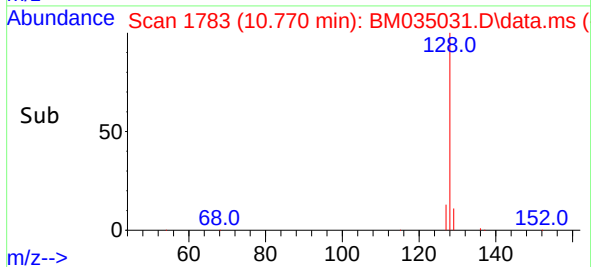
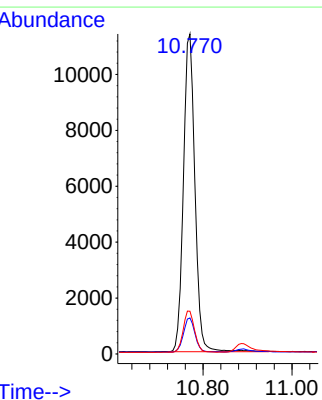
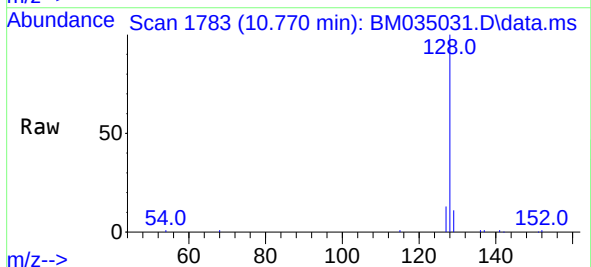
Manual Integrations
APPROVED

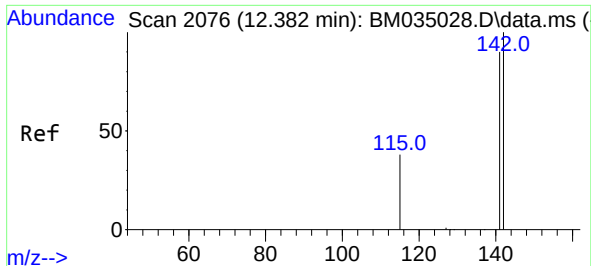
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#5
Naphthalene
Concen: 0.498 ng/ul
RT: 10.770 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

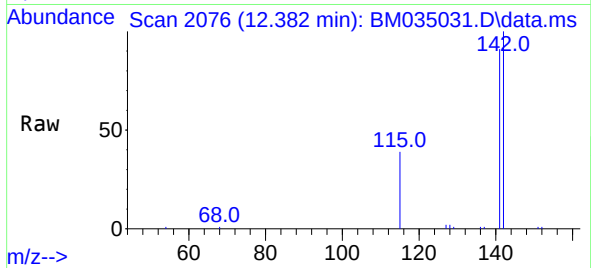
Tgt Ion:128 Resp: 20343
Ion Ratio Lower Upper
128 100
129 11.3 13.4 20.2#
127 13.4 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

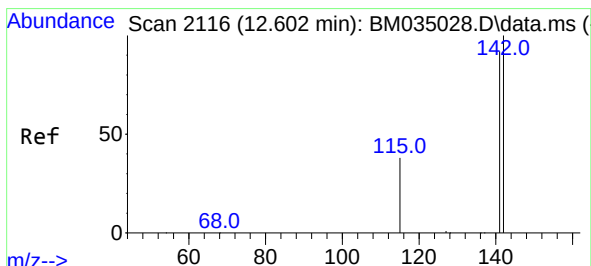
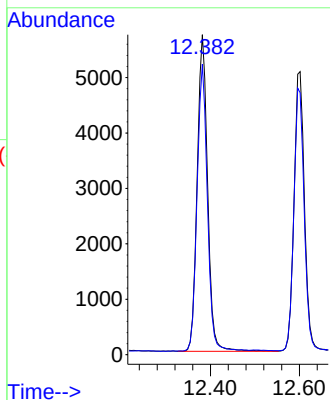
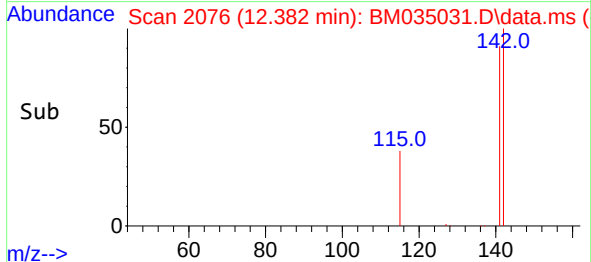
Instrument :
BNA_M
ClientSampleId :
EW4A1MS



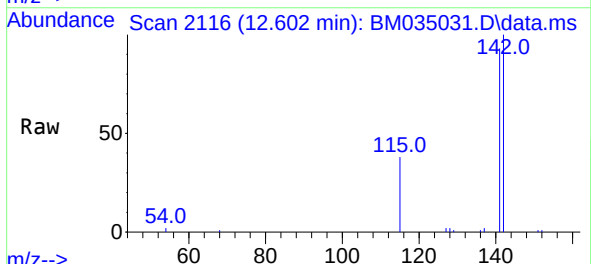
Tgt Ion:142 Resp: 9260
Ion Ratio Lower Upper
142 100
141 89.6 71.8 107.6

Manual Integrations
APPROVED

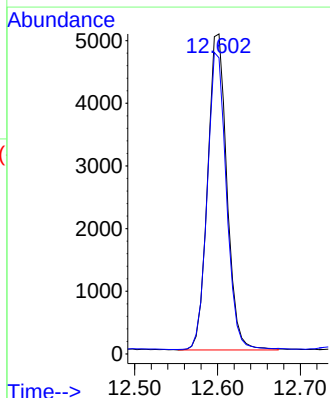
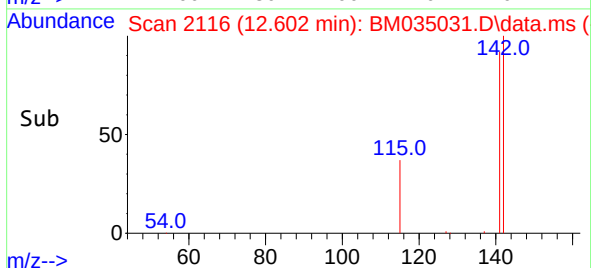
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

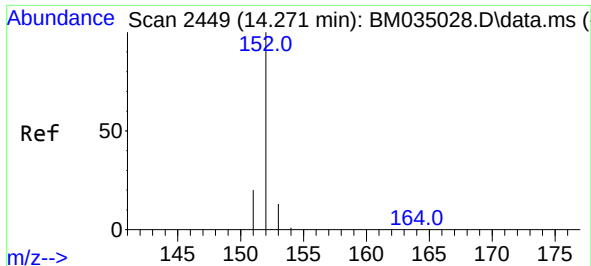


#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13



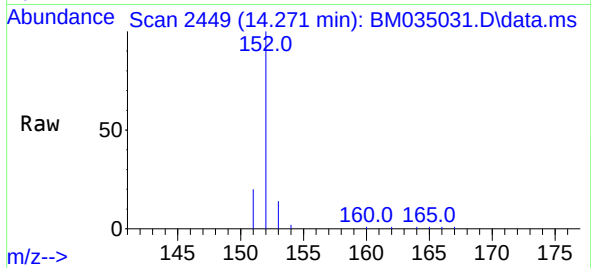
Tgt Ion:142 Resp: 8175
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4





#10
Acenaphthylene
Concen: 0.247 ng/ul
RT: 14.271 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

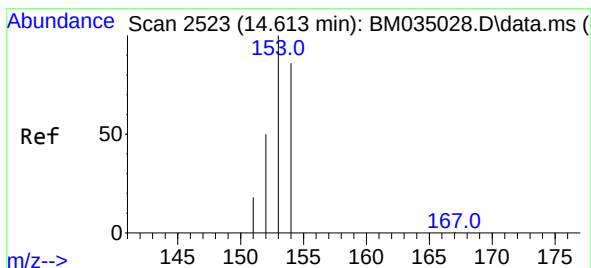
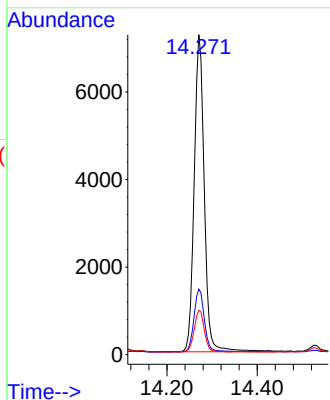
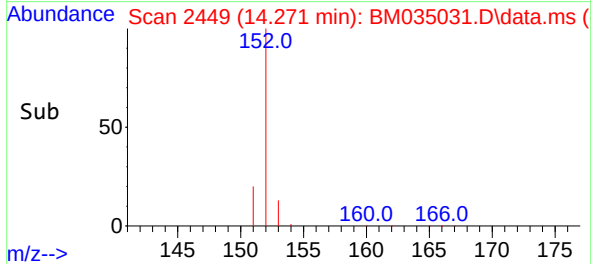
Instrument :
BNA_M
ClientSampleId :
EW4A1MS



Tgt Ion:152 Resp: 11275
Ion Ratio Lower Upper
152 100
151 20.5 19.9 29.9
153 13.9 15.0 22.4

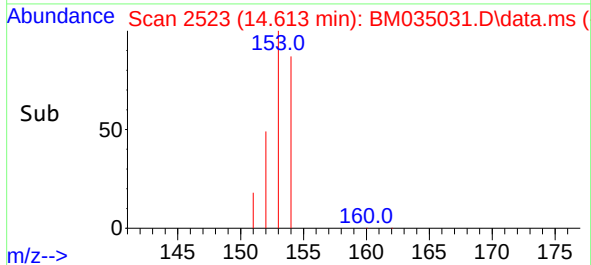
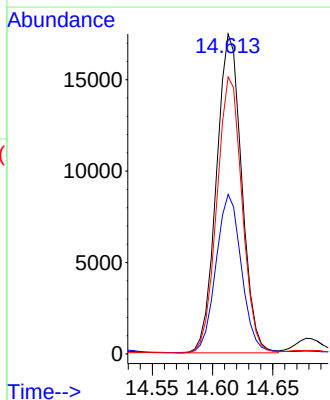
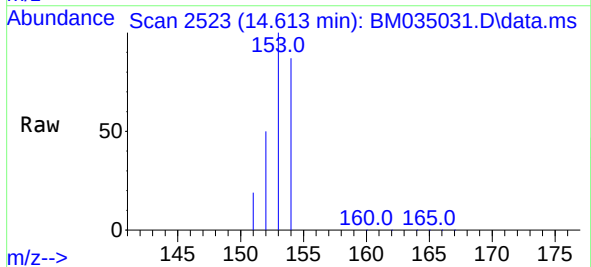
Manual Integrations
APPROVED

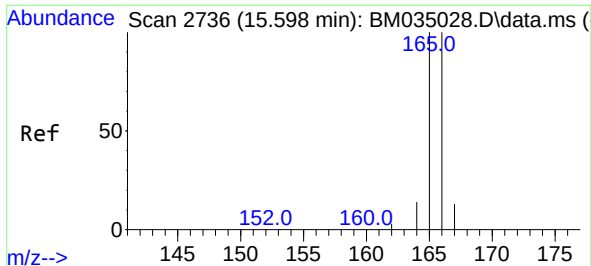
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#11
Acenaphthene
Concen: 0.772 ng/ul
RT: 14.613 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

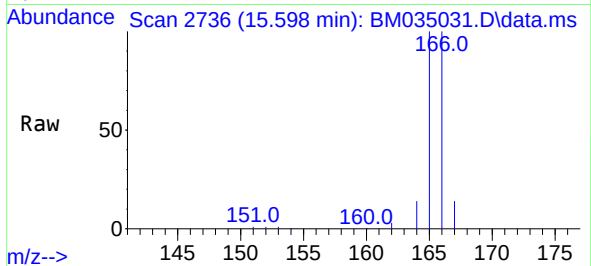
Tgt Ion:153 Resp: 25439
Ion Ratio Lower Upper
153 100
152 49.9 42.4 63.6
154 86.5 66.2 99.2





#12
Fluorene
Concen: 0.670 ng/ul
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

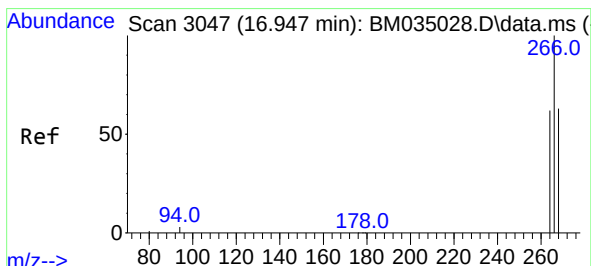
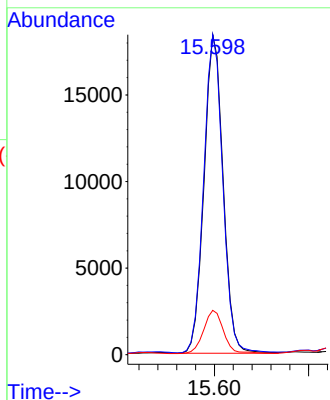
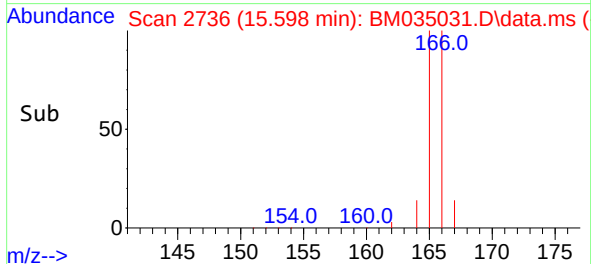
Instrument :
BNA_M
ClientSampleId :
EW4A1MS



Tgt Ion:166 Resp: 25814
Ion Ratio Lower Upper
166 100
165 100.0 81.1 121.7
167 13.9 14.9 22.3

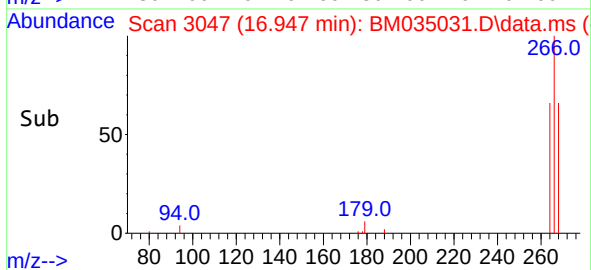
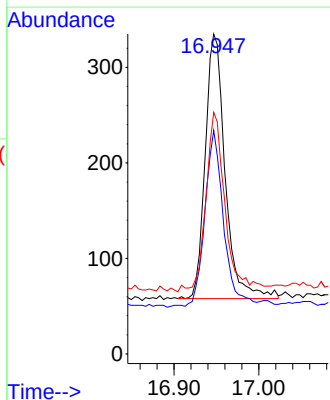
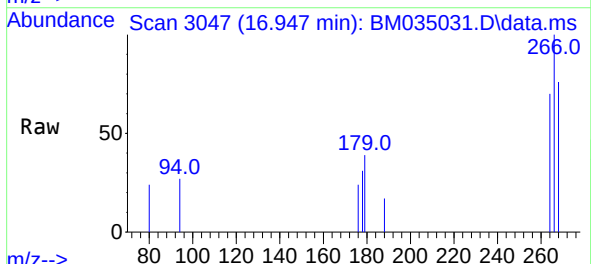
Manual Integrations
APPROVED

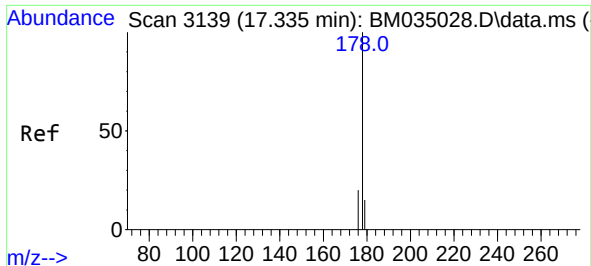
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#14
Pentachlorophenol
Concen: 0.072 ng/ul
RT: 16.947 min Scan# 3047
Delta R.T. 0.001 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

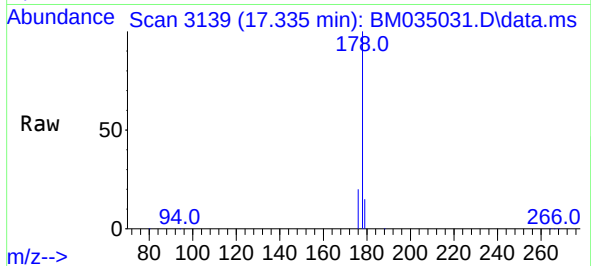
Tgt Ion:266 Resp: 451
Ion Ratio Lower Upper
266 100
264 61.9 51.4 77.0
268 67.6 53.1 79.7





#15
Phenanthrene
Concen: 5.517 ng/u1
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

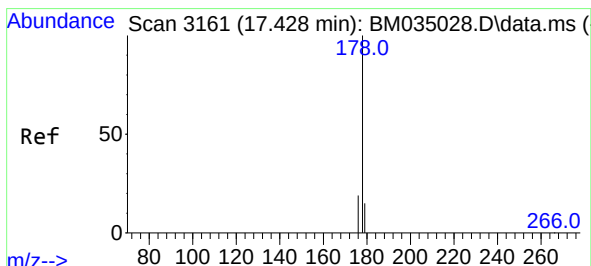
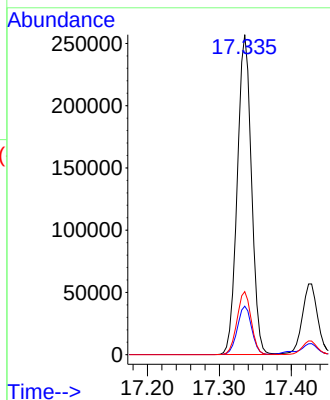
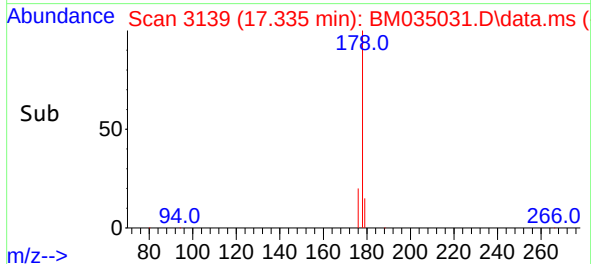
Instrument :
BNA_M
ClientSampleId :
EW4A1MS



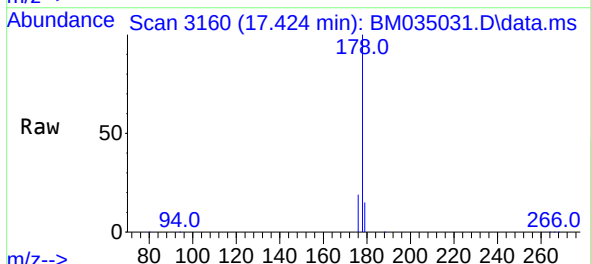
Tgt Ion:178 Resp: 350174
Ion Ratio Lower Upper
178 100
179 15.2 15.0 22.6
176 19.7 17.9 26.9

Manual Integrations
APPROVED

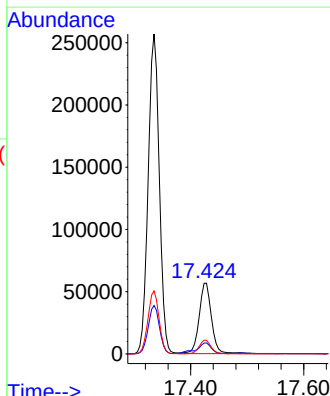
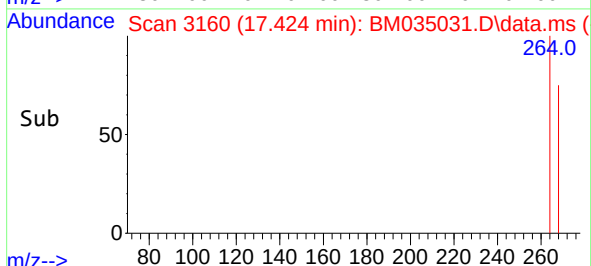
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

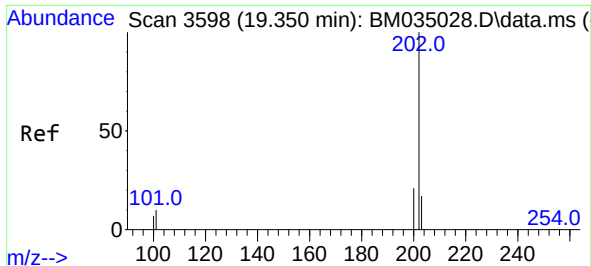


#16
Anthracene
Concen: 1.483 ng/u1
RT: 17.424 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13



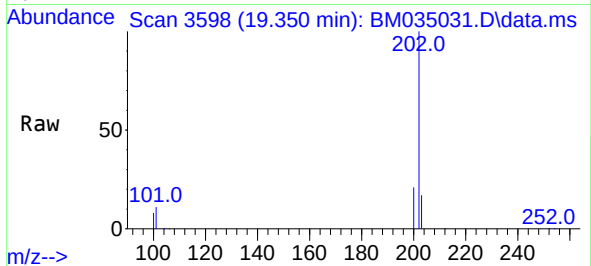
Tgt Ion:178 Resp: 85745
Ion Ratio Lower Upper
178 100
179 15.4 16.5 24.7#
176 19.4 18.3 27.5





#19
Fluoranthene
Concen: 6.604 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.001 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

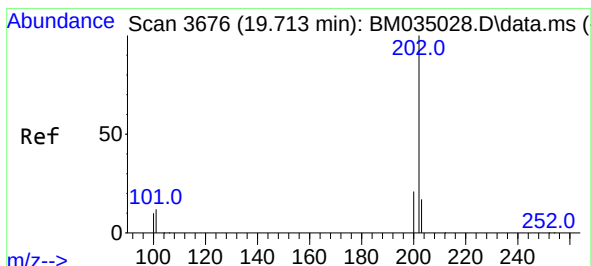
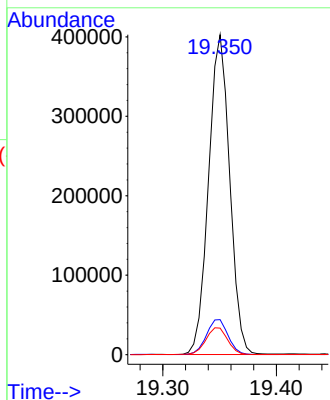
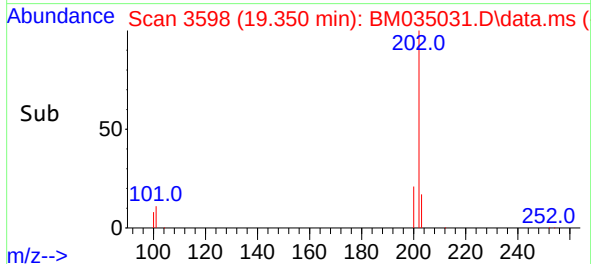
Instrument :
BNA_M
ClientSampleId :
EW4A1MS



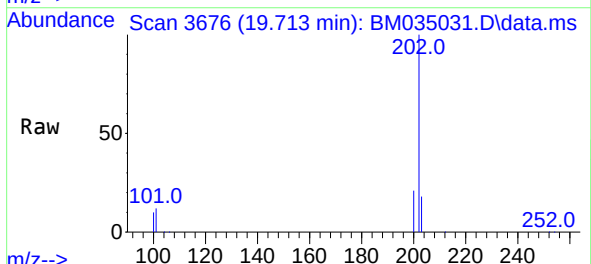
Tgt Ion:202 Resp: 520275
Ion Ratio Lower Upper
202 100
101 11.0 9.2 13.8
100 8.3 7.2 10.8

Manual Integrations
APPROVED

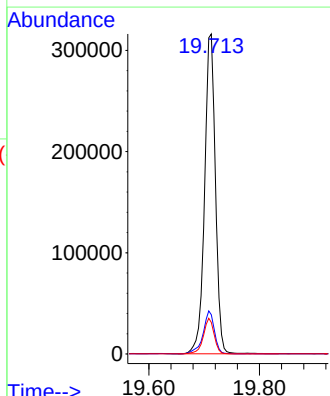
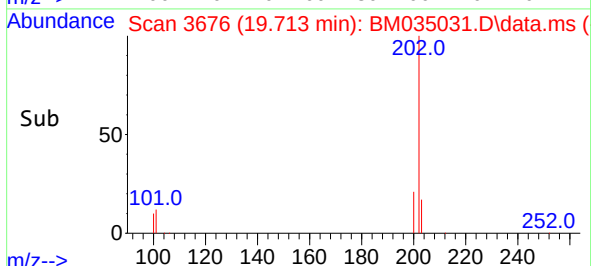
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

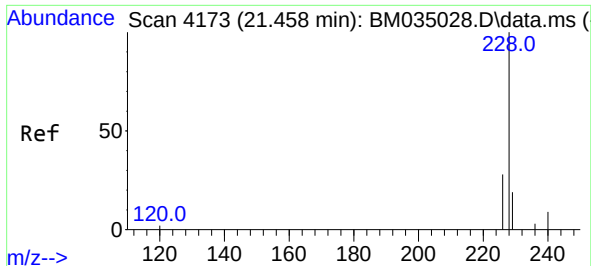


#20
Pyrene
Concen: 5.389 ng/u1
RT: 19.713 min Scan# 3676
Delta R.T. 0.001 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13



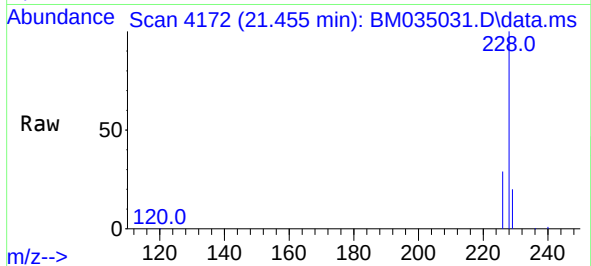
Tgt Ion:202 Resp: 431192
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 9.9 7.8 11.6





#21
Benzo(a)anthracene
Concen: 3.277 ng/u1
RT: 21.455 min Scan# 4172
Delta R.T. -0.004 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

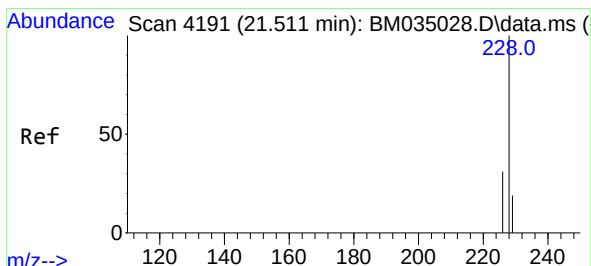
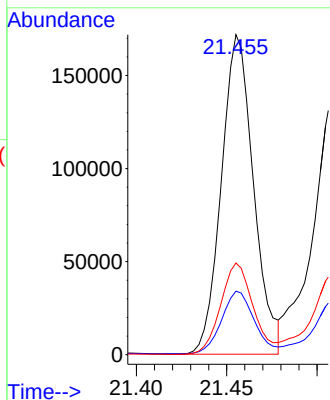
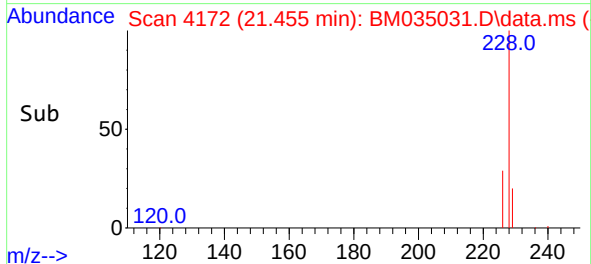
Instrument :
BNA_M
ClientSampleId :
EW4A1MS



Tgt Ion:228 Resp: 212710
Ion Ratio Lower Upper
228 100
229 19.8 17.3 25.9
226 28.7 23.2 34.8

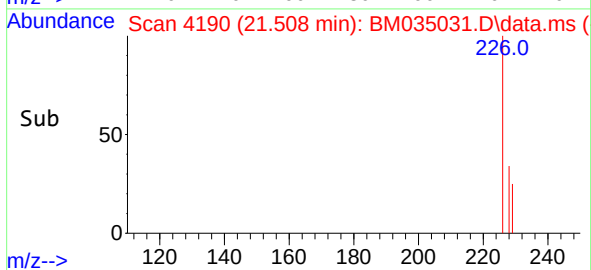
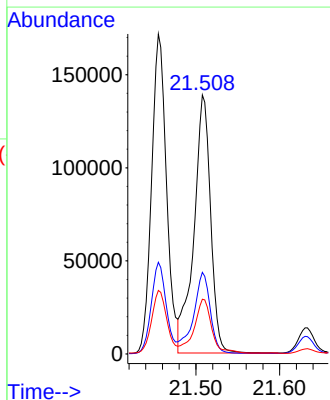
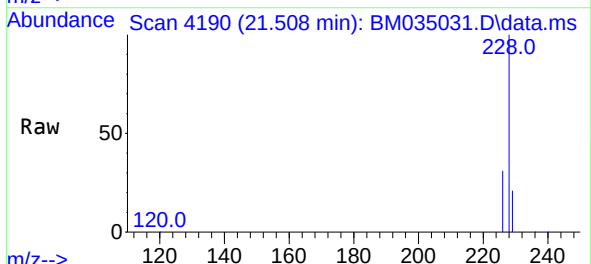
Manual Integrations
APPROVED

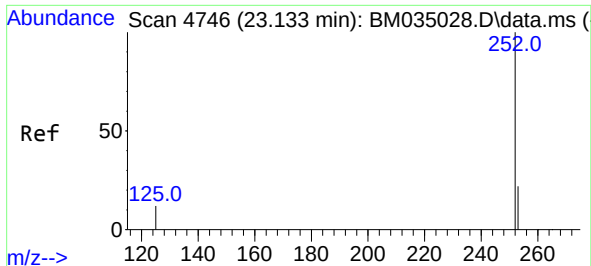
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#22
Chrysene
Concen: 2.847 ng/u1
RT: 21.508 min Scan# 4190
Delta R.T. -0.004 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

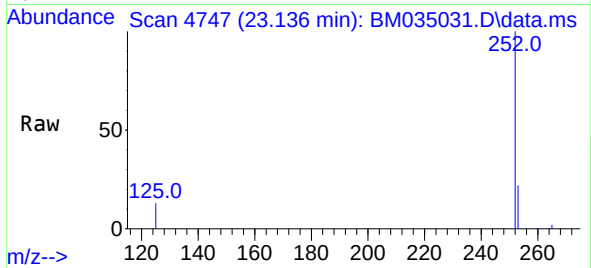
Tgt Ion:228 Resp: 192338
Ion Ratio Lower Upper
228 100
226 31.5 25.8 38.8
229 21.1 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 3.370 ng/ul
RT: 23.136 min Scan# 4746
Delta R.T. 0.002 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

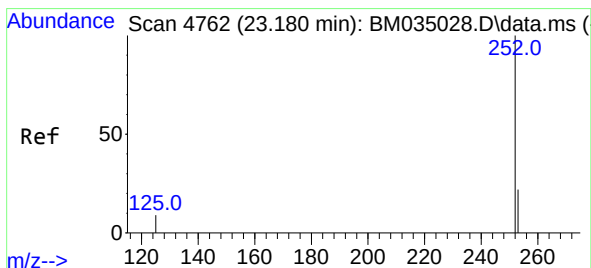
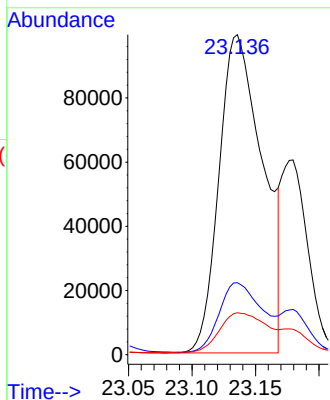
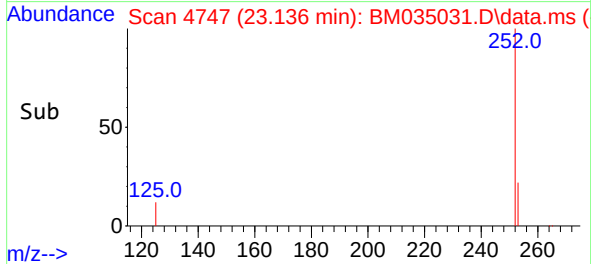
Instrument :
BNA_M
ClientSampleId :
EW4A1MS



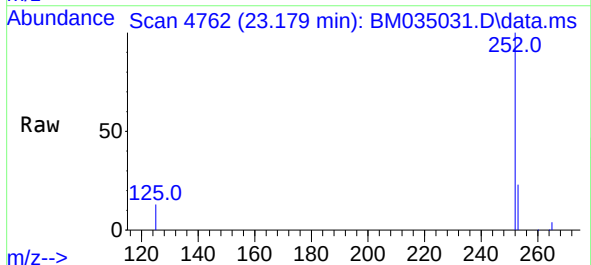
Tgt Ion:252 Resp: 237318
Ion Ratio Lower Upper
252 100
253 22.5 0.0 64.2
125 13.1 0.0 28.8

Manual Integrations
APPROVED

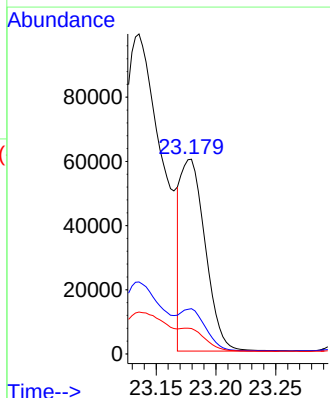
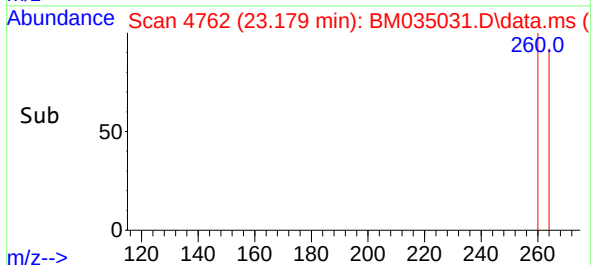
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

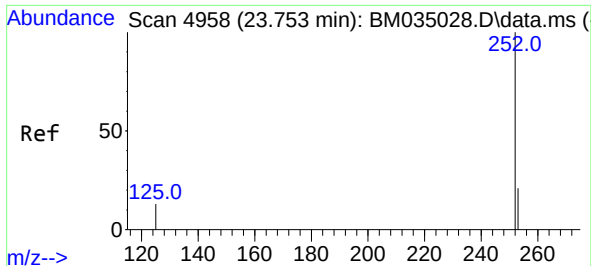


#25
Benzo(k)fluoranthene
Concen: 1.270 ng/ul m
RT: 23.179 min Scan# 4762
Delta R.T. -0.001 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13



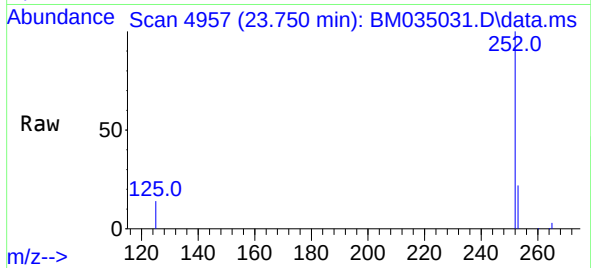
Tgt Ion:252 Resp: 85376
Ion Ratio Lower Upper
252 100
253 23.3 26.8 40.2#
125 13.1 12.0 18.0





#26
Benzo(a)pyrene
Concen: 2.427 ng/ul
RT: 23.750 min Scan# 4958
Delta R.T. -0.001 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

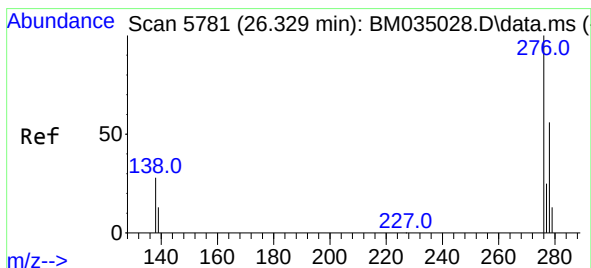
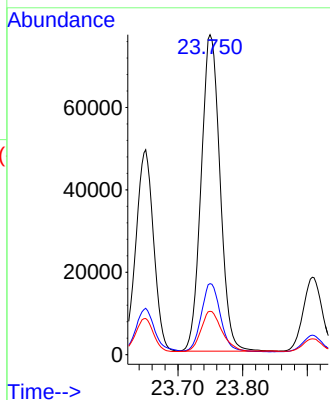
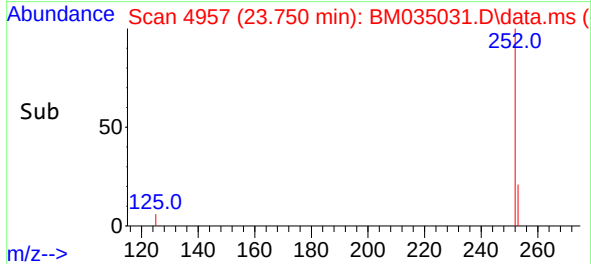
Instrument :
BNA_M
ClientSampleId :
EW4A1MS



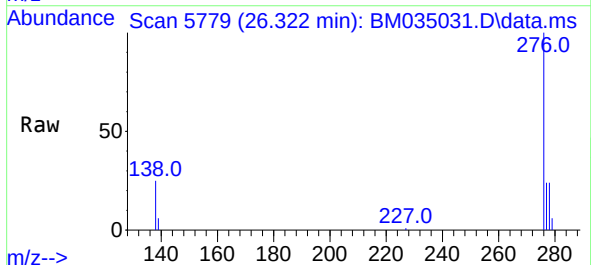
Tgt Ion:252 Resp: 155469
Ion Ratio Lower Upper
252 100
253 22.2 32.0 48.0#
125 13.6 14.5 21.7#

Manual Integrations
APPROVED

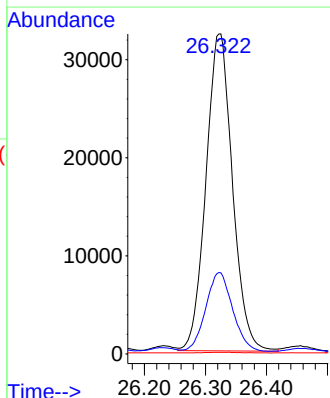
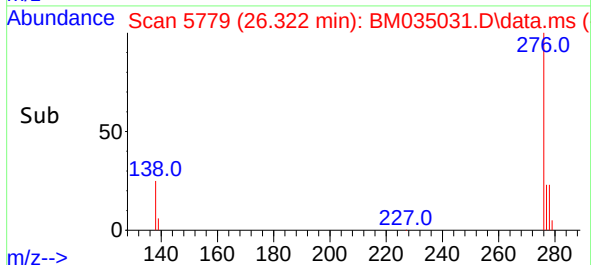
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

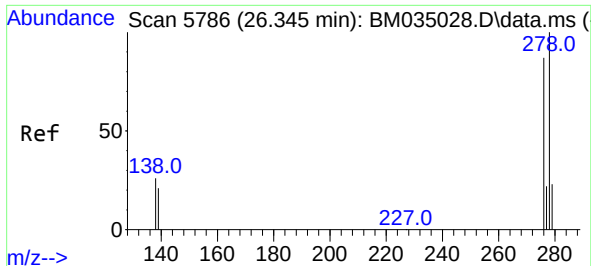


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.538 ng/ul
RT: 26.322 min Scan# 5779
Delta R.T. -0.004 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13



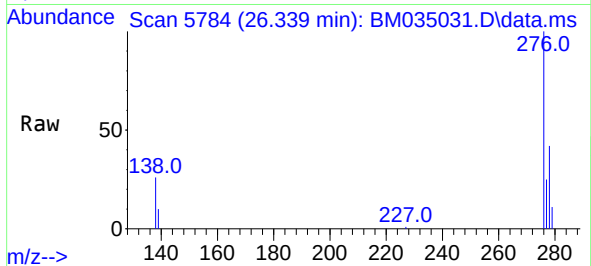
Tgt Ion:276 Resp: 97505
Ion Ratio Lower Upper
276 100
138 25.2 15.8 23.6#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.624 ng/ul m
RT: 26.339 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

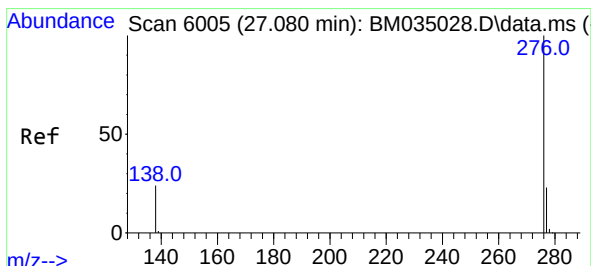
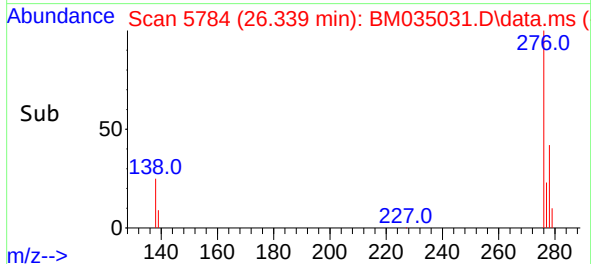
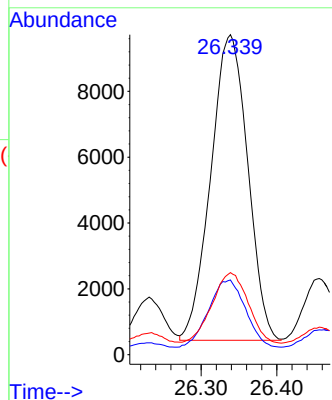
Instrument :
BNA_M
ClientSampleId :
EW4A1MS



Tgt Ion:278 Resp: 3146
Ion Ratio Lower Upper
278 100
139 23.3 18.0 27.0
279 25.7 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: 1.314 ng/ul
RT: 27.080 min Scan# 6005
Delta R.T. -0.001 min
Lab File: BM035031.D
Acq: 13 May 2022 17:13

Tgt Ion:276 Resp: 71660
Ion Ratio Lower Upper
276 100
138 25.2 17.4 26.0
277 23.6 22.6 33.8

