

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035051.D
 Acq On : 14 May 2022 05:54
 Operator : CG/JU
 Sample : N2603-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW497

Manual Integrations
 APPROVED

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

Quant Time: May 14 06:30:05 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	5299	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	16844	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	11567	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	23689	0.400	ng/ul	0.00
17) Chrysene-d12	21.474	240	17729	0.400	ng/ul #	0.00
23) Perylene-d12	23.859	264	14700	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	32759	5.161	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	10902	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	25147	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	19485	0.350	ng/ul#	89
7) 2-Methylnaphthalene	12.382	142	9160	0.251	ng/ul	98
8) 1-Methylnaphthalene	12.596	142	7299	0.215	ng/ul	99
10) Acenaphthylene	14.270	152	6974	0.102	ng/ul	100
11) Acenaphthene	14.612	153	14196	0.287	ng/ul	96
12) Fluorene	15.597	166	16050	0.278	ng/ul	99
15) Phenanthrene	17.334	178	291566	3.231	ng/ul	94
16) Anthracene	17.427	178	49613	0.604	ng/ul	93
19) Fluoranthene	19.350	202	475947	4.780	ng/ul	98
20) Pyrene	19.712	202	415344	4.107	ng/ul	98
21) Benzo(a)anthracene	21.456	228	184361	2.247	ng/ul	99
22) Chrysene	21.509	228	202380	2.371	ng/ul	97
24) Benzo(b)fluoranthene	23.137	252	244727	3.175	ng/ul	87
25) Benzo(k)fluoranthene	23.177	252	67868m	0.922	ng/ul	
26) Benzo(a)pyrene	23.756	252	145976	2.082	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.323	276	97707	1.408	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.336	278	22935	0.416	ng/ul#	76
29) Benzo(g,h,i)perylene	27.084	276	83730	1.403	ng/ul#	93

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

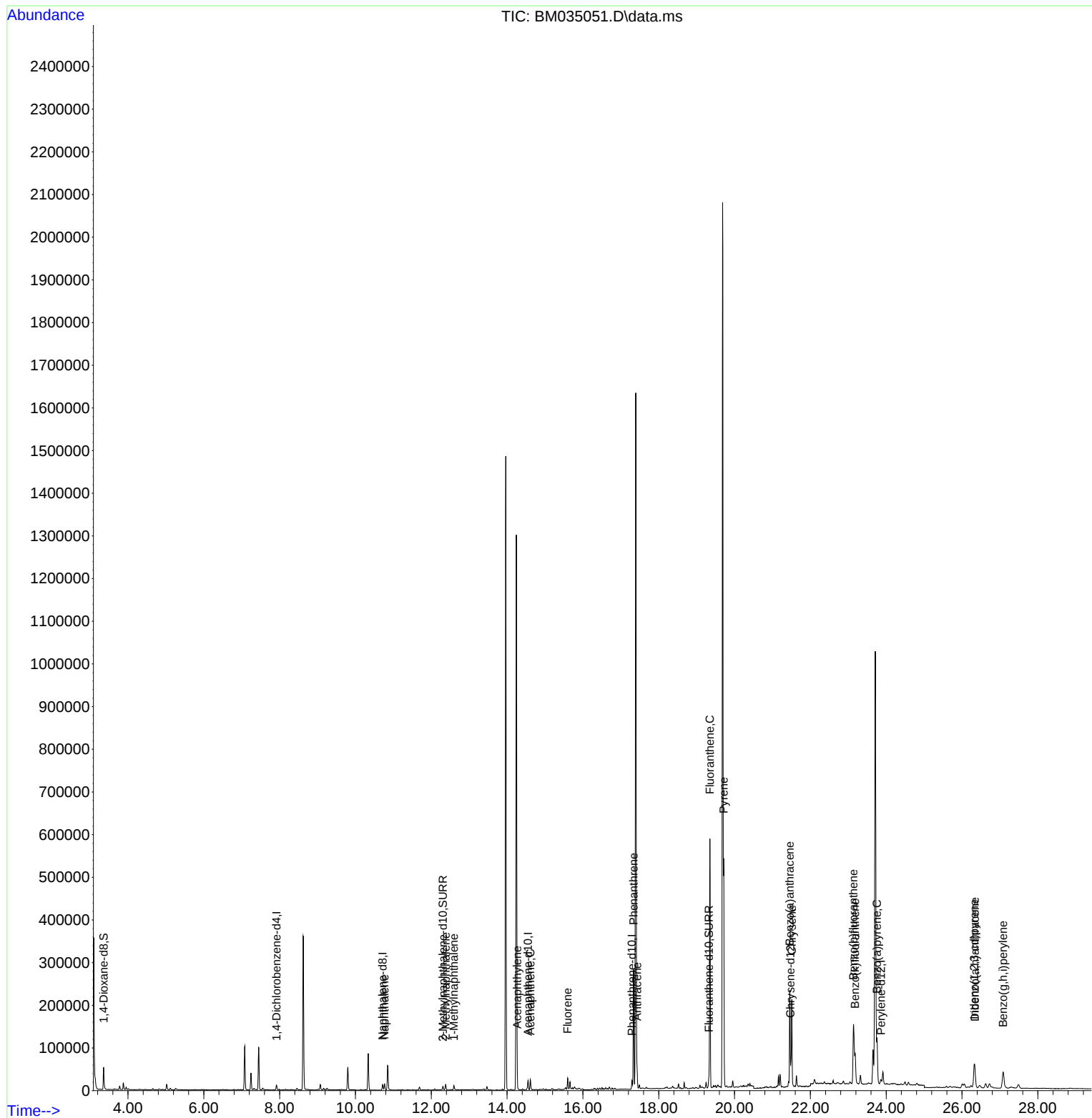
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035051.D
Acq On : 14 May 2022 05:54
Operator : CG/JU
Sample : N2603-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

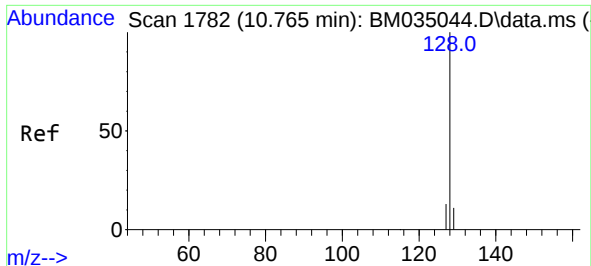
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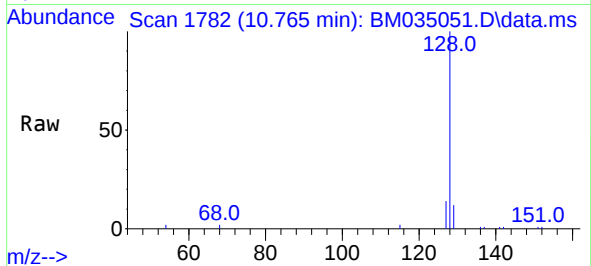
Quant Time: May 14 06:30:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.350 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54

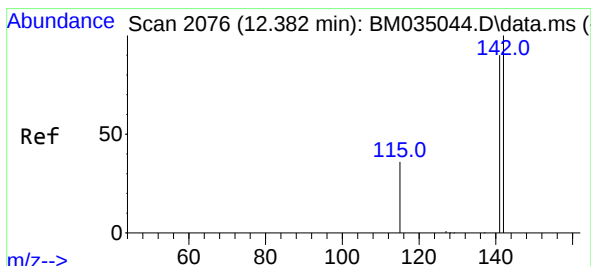
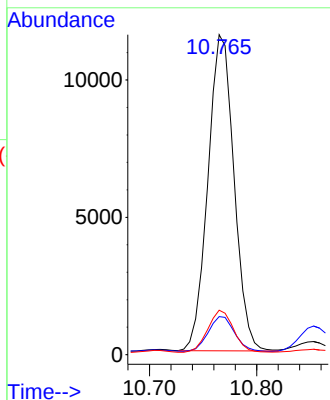
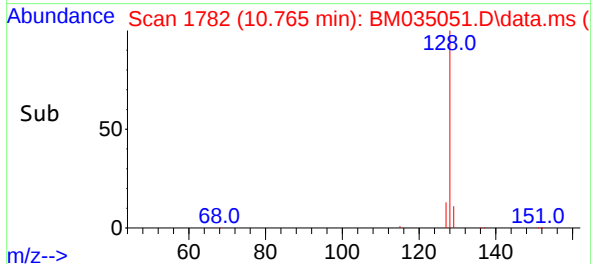
Instrument :
BNA_M
ClientSampleId :
EW497



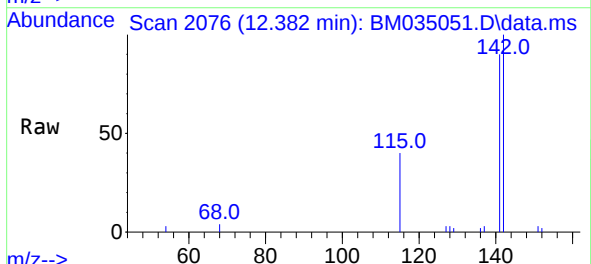
Tgt Ion:128 Resp: 1948
Ion Ratio Lower Upper
128 100
129 11.9 13.4 20.2
127 13.9 15.2 22.8

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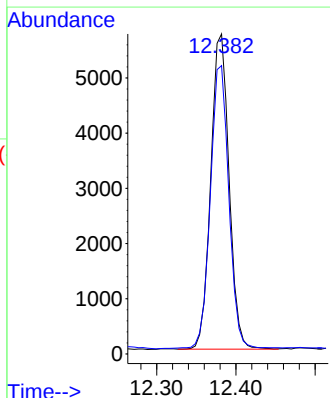
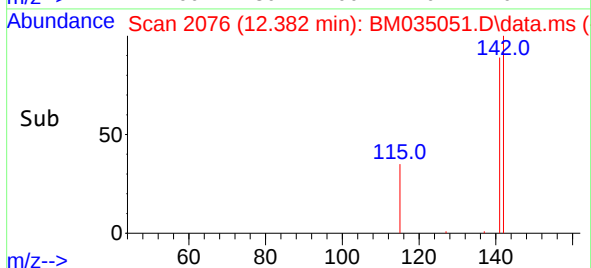
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

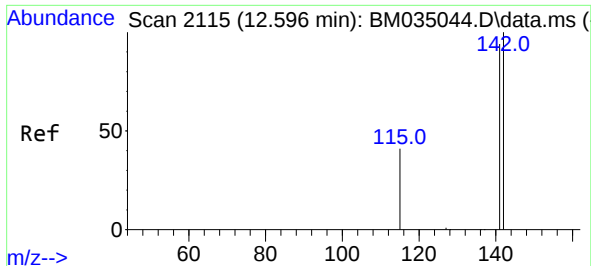


#7
2-Methylnaphthalene
Concen: 0.251 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54



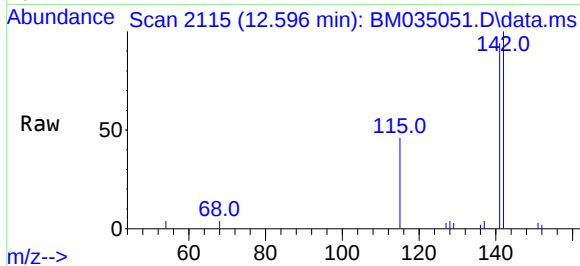
Tgt Ion:142 Resp: 9160
Ion Ratio Lower Upper
142 100
141 92.0 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.215 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54

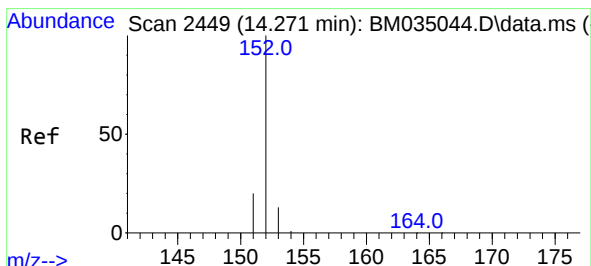
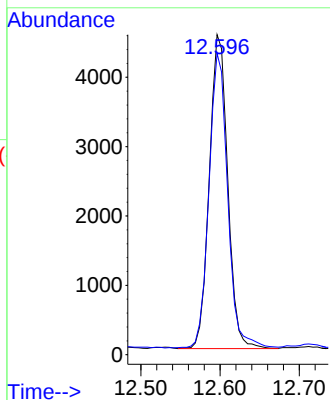
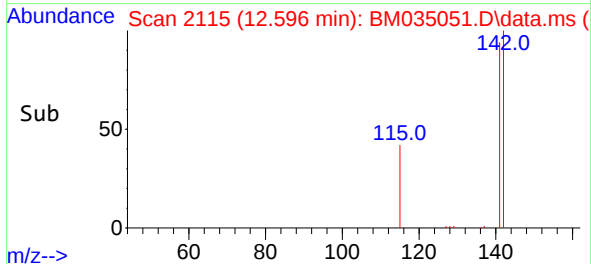
Instrument :
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ClientSampleId :
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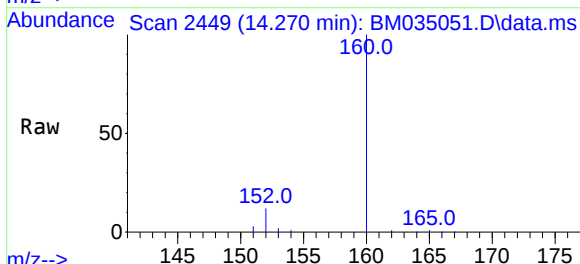
Tgt Ion:142 Resp: 7298
Ion Ratio Lower Upper
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141 95.1 75.0 112.4

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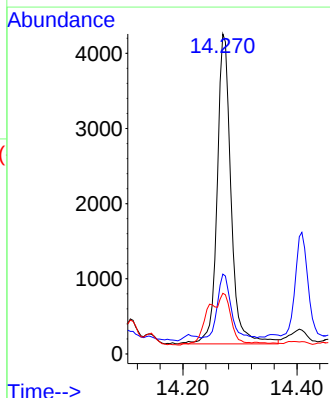
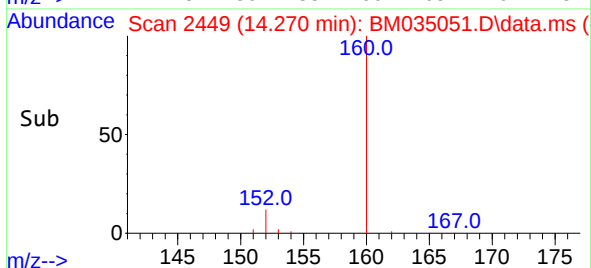
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

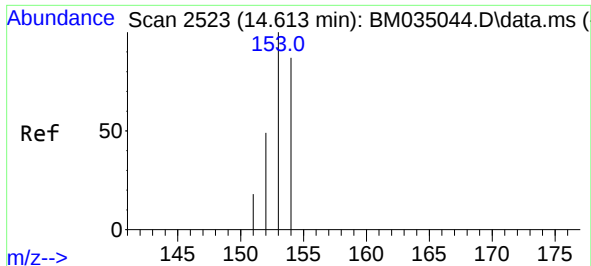


#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54



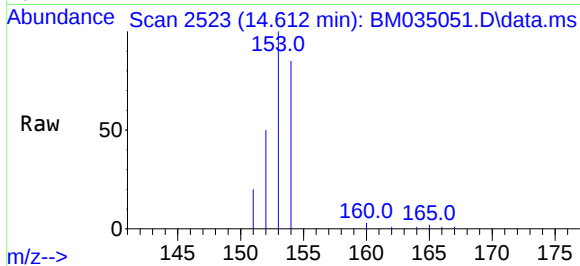
Tgt Ion:152 Resp: 6974
Ion Ratio Lower Upper
152 100
151 24.9 19.9 29.9
153 18.9 15.0 22.4





#11
Acenaphthene
Concen: 0.287 ng/u1
RT: 14.612 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54

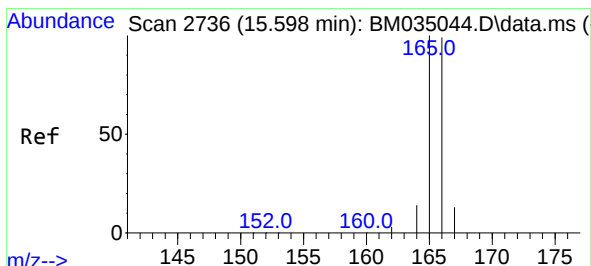
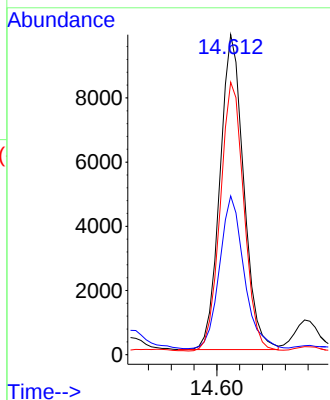
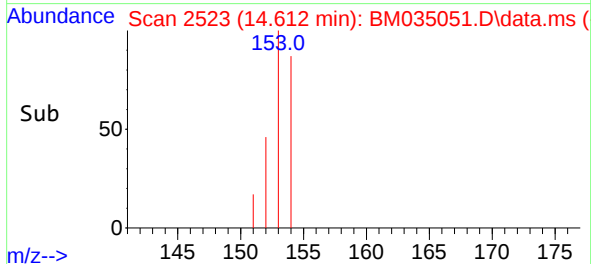
Instrument :
BNA_M
ClientSampleId :
EW497



Tgt Ion:153 Resp: 14190
Ion Ratio Lower Upper
153 100
152 49.6 42.4 63.6
154 85.2 66.2 99.2

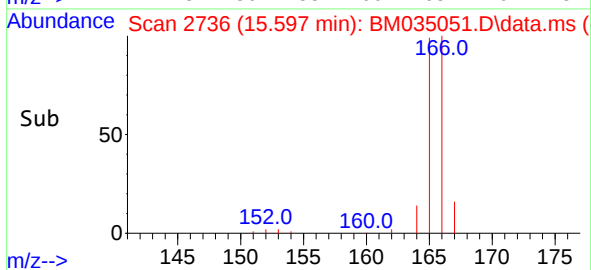
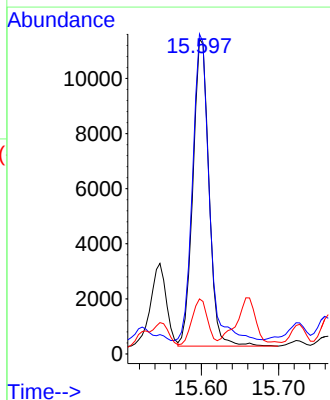
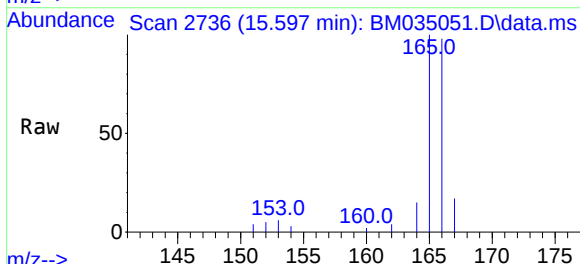
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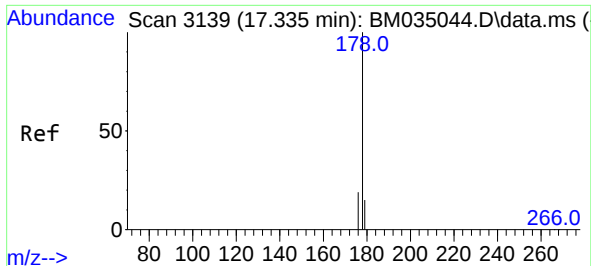
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#12
Fluorene
Concen: 0.278 ng/u1
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54

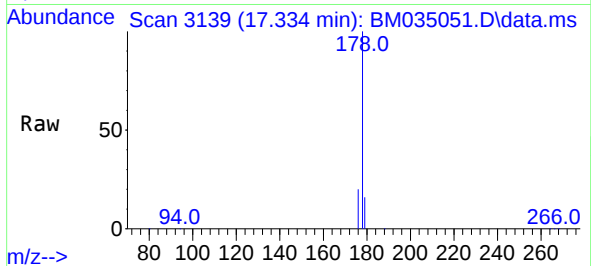
Tgt Ion:166 Resp: 16050
Ion Ratio Lower Upper
166 100
165 101.7 81.1 121.7
167 17.5 14.9 22.3





#15
Phenanthrene
Concen: 3.231 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54

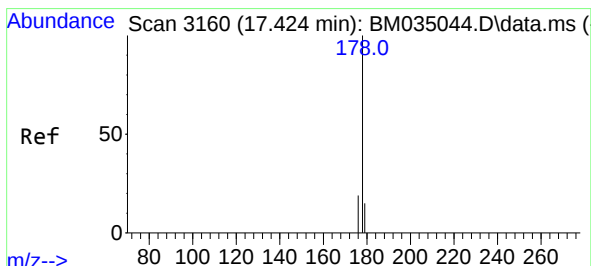
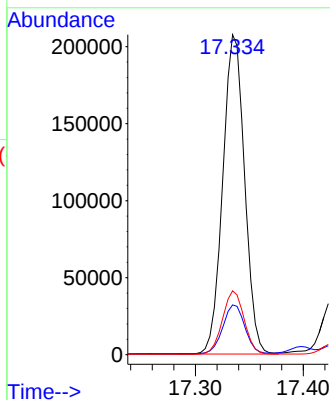
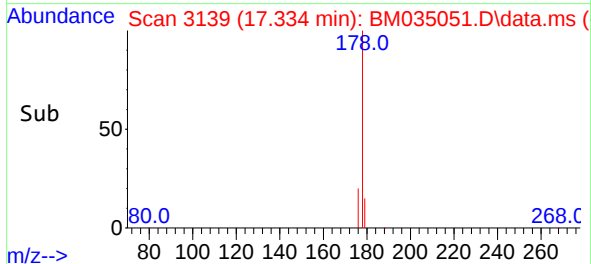
Instrument :
BNA_M
ClientSampleId :
EW497



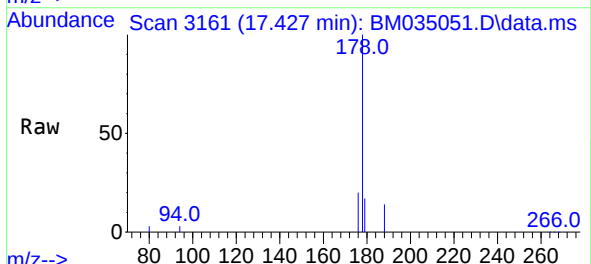
Tgt Ion:178 Resp: 291560
Ion Ratio Lower Upper
178 100
179 15.6 15.0 22.6
176 20.0 17.9 26.9

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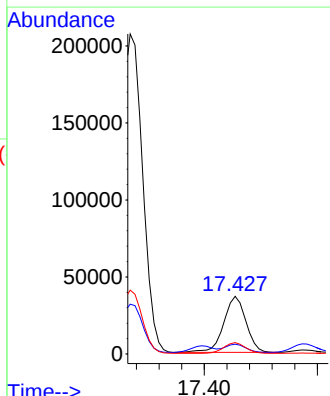
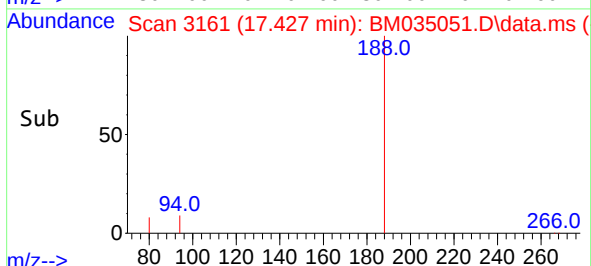
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

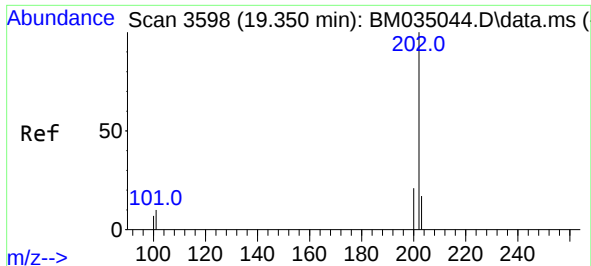


#16
Anthracene
Concen: 0.604 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54



Tgt Ion:178 Resp: 49613
Ion Ratio Lower Upper
178 100
179 17.0 16.5 24.7
176 19.8 18.3 27.5





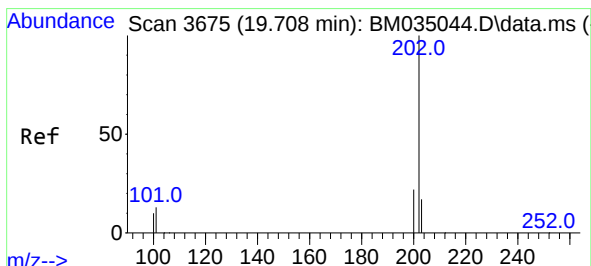
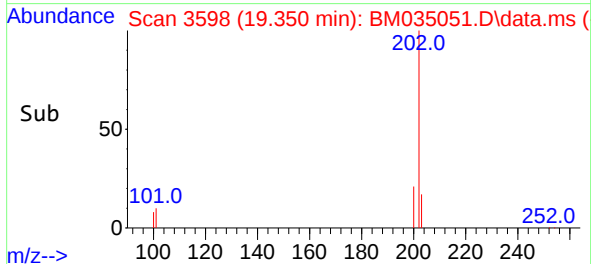
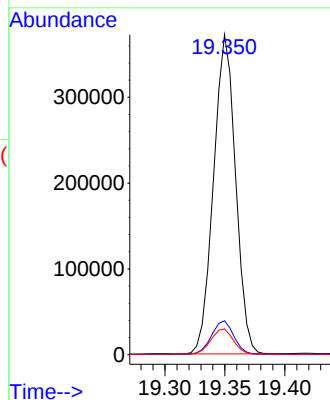
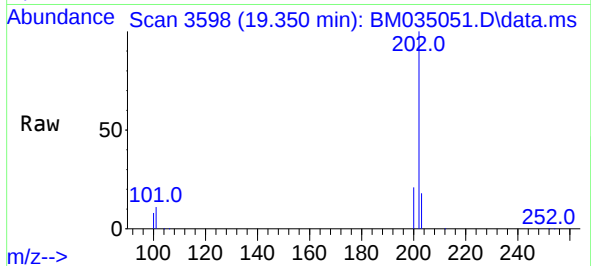
#19
Fluoranthene
Concen: 4.780 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54

Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 47594
Ion Ratio Lower Upper
202 100
101 10.6 9.2 13.8
100 8.1 7.2 10.8

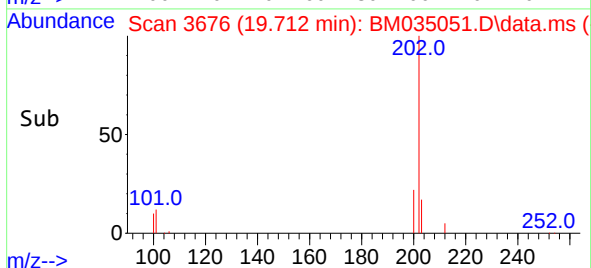
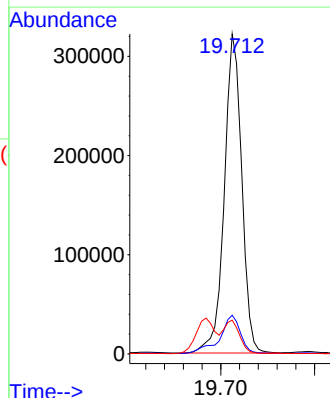
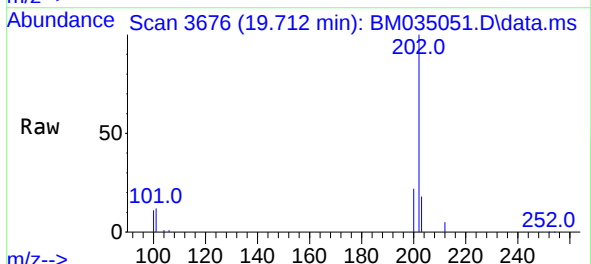
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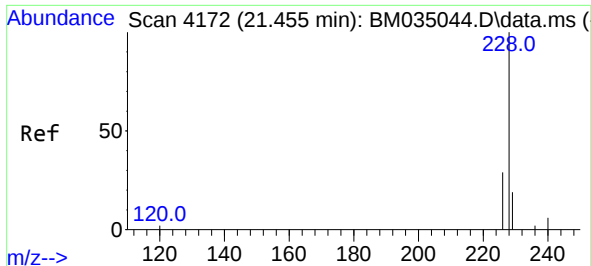
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#20
Pyrene
Concen: 4.107 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54

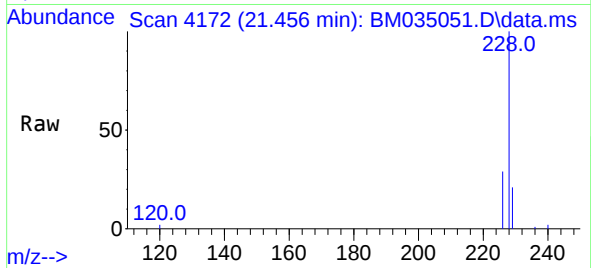
Tgt Ion:202 Resp: 415344
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 10.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.247 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54

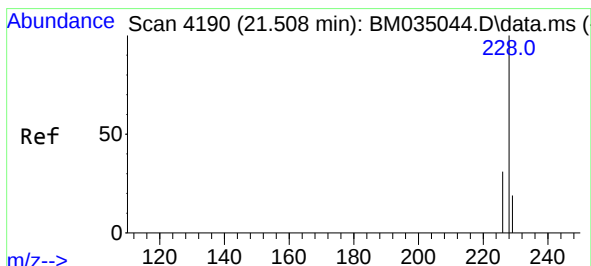
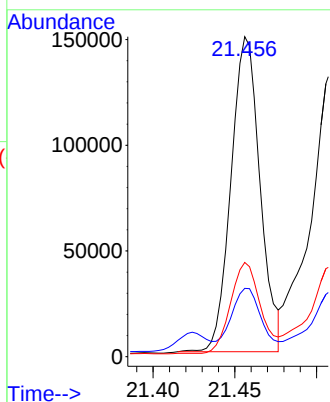
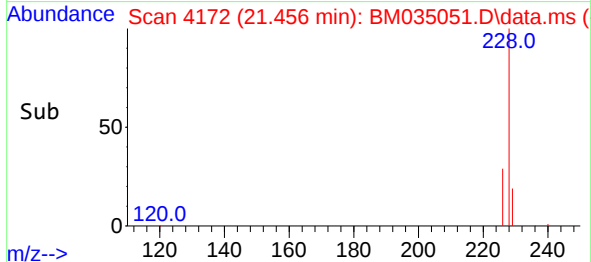
Instrument :
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Tgt Ion:228 Resp: 18436
Ion Ratio Lower Upper
228 100
229 21.4 17.3 25.9
226 29.5 23.2 34.8

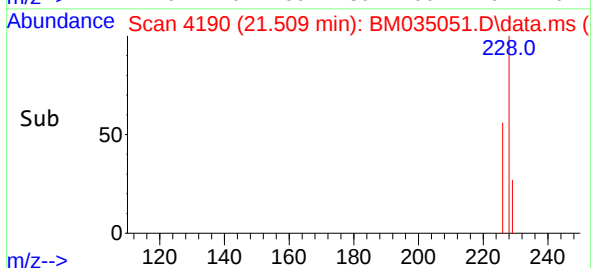
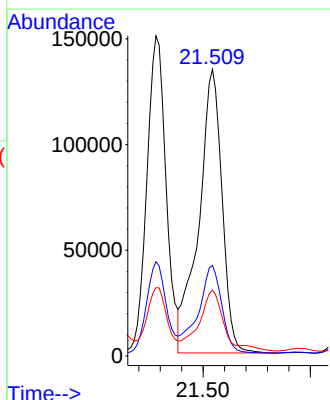
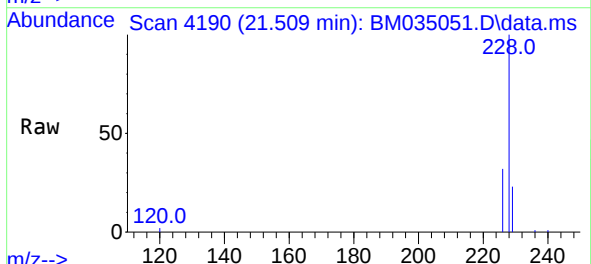
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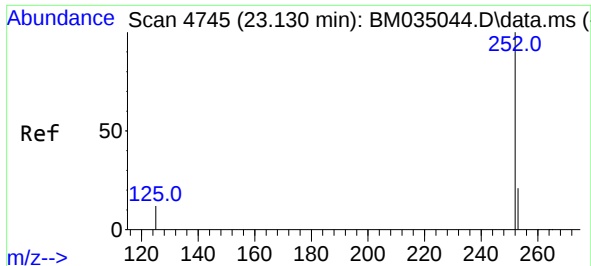
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#22
Chrysene
Concen: 2.371 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54

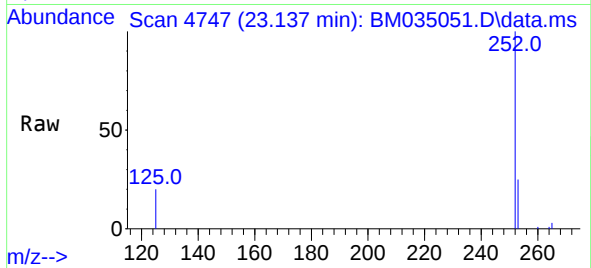
Tgt Ion:228 Resp: 202380
Ion Ratio Lower Upper
228 100
226 31.6 25.8 38.8
229 23.0 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 3.175 ng/ul
RT: 23.137 min Scan# 4745
Delta R.T. 0.003 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54

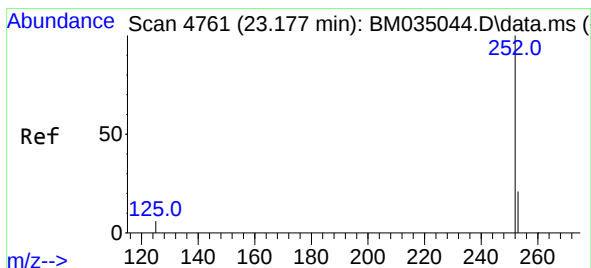
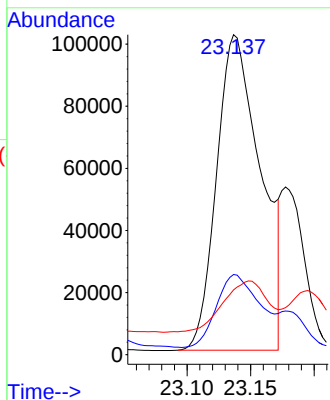
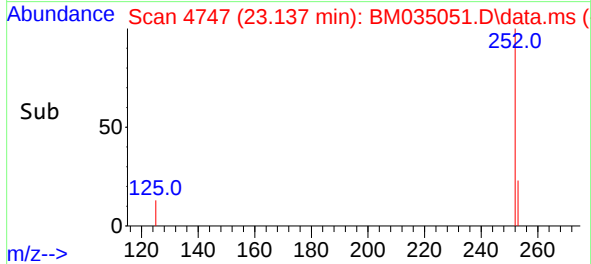
Instrument :
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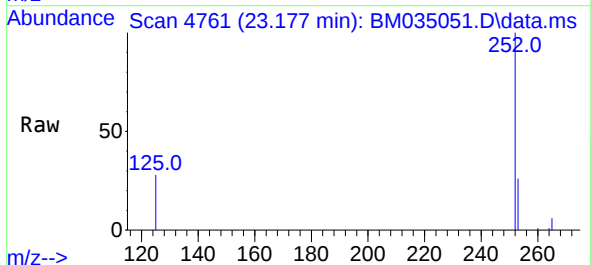
Tgt Ion:252 Resp: 24472
Ion Ratio Lower Upper
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253 25.0 0.0 64.2
125 20.3 0.0 28.8

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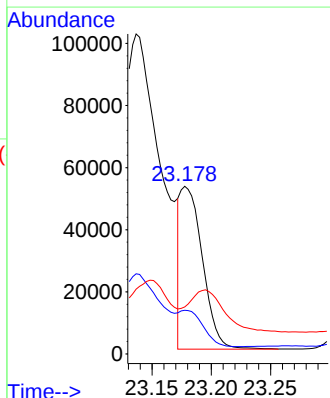
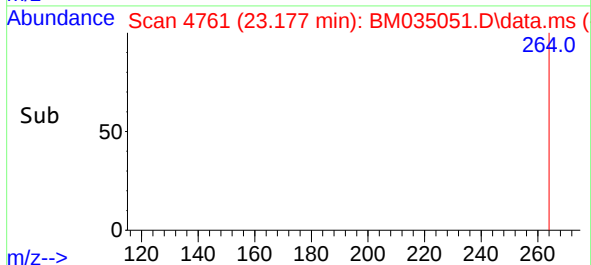
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

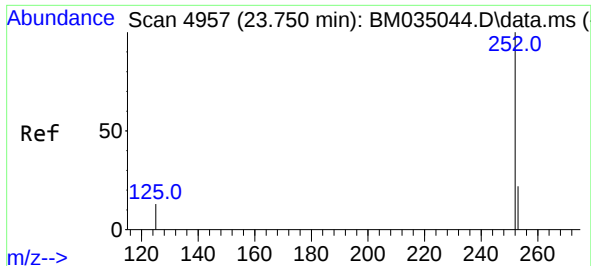


#25
Benzo(k)fluoranthene
Concen: 0.922 ng/ul m
RT: 23.177 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54



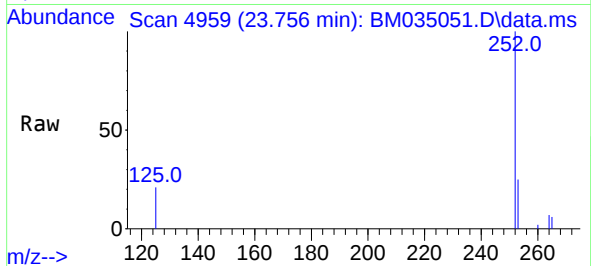
Tgt Ion:252 Resp: 67868
Ion Ratio Lower Upper
252 100
253 26.1 26.8 40.2#
125 28.1 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 2.082 ng/u1
RT: 23.756 min Scan# 4957
Delta R.T. 0.006 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54

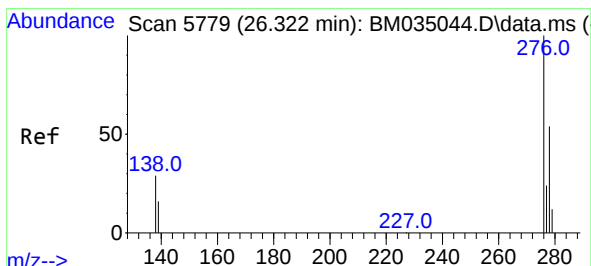
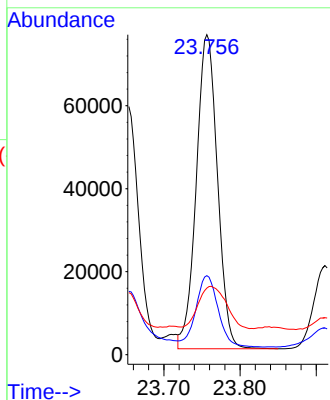
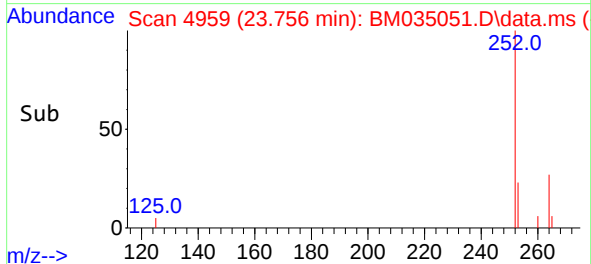
Instrument :
BNA_M
ClientSampleId :
EW497



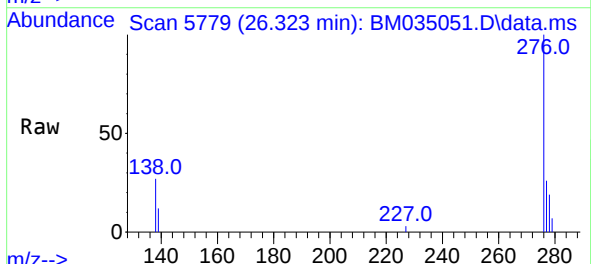
Tgt Ion:252 Resp: 145970
Ion Ratio Lower Upper
252 100
253 24.7 32.0 48.0#
125 20.8 14.5 21.7

Manual Integrations
APPROVED

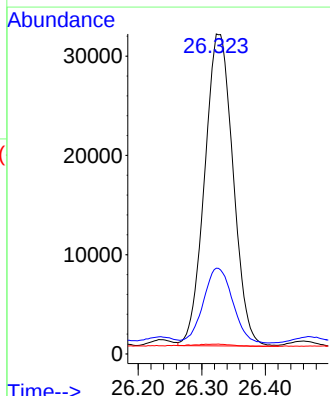
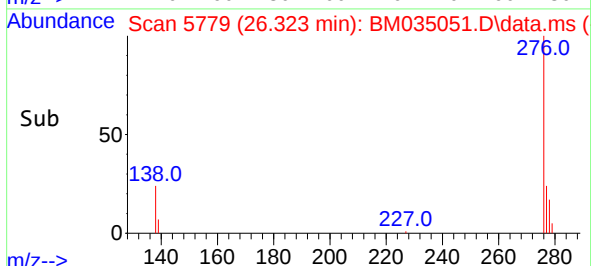
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

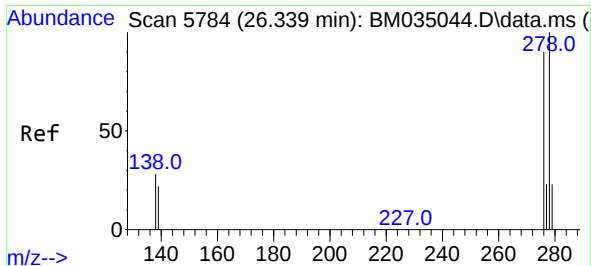


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.408 ng/u1
RT: 26.323 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54



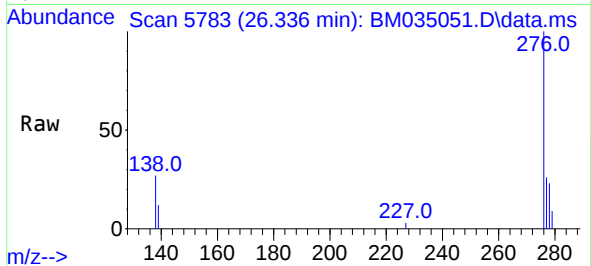
Tgt Ion:276 Resp: 97707
Ion Ratio Lower Upper
276 100
138 24.6 15.8 23.6#
227 0.7 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.416 ng/ul
RT: 26.336 min Scan# 5784
Delta R.T. -0.007 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54

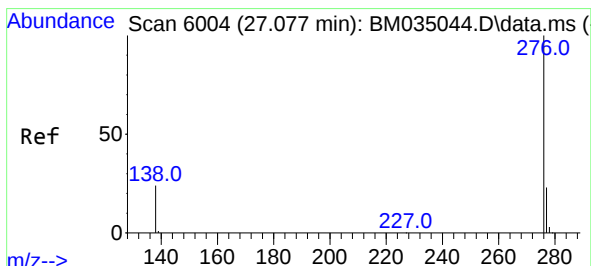
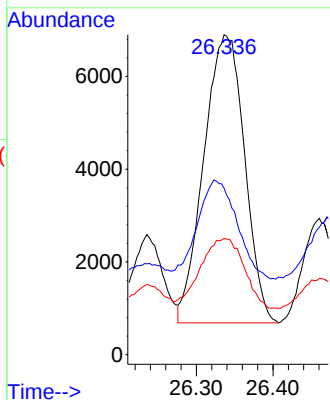
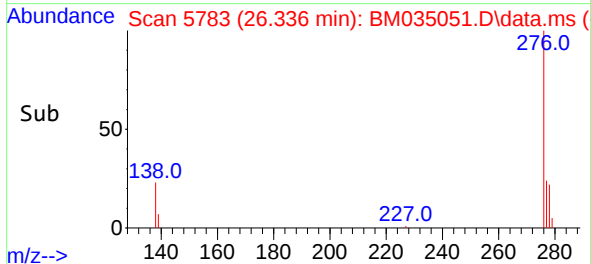
Instrument :
BNA_M
ClientSampleId :
EW497



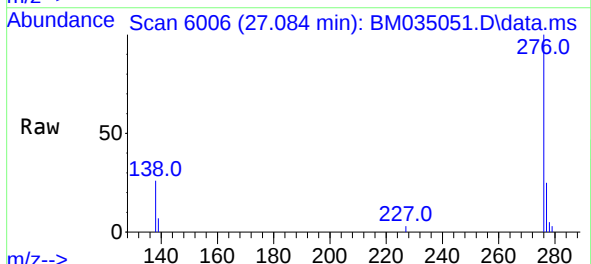
Tgt Ion: 278 Resp: 22935
Ion Ratio Lower Upper
278 100
139 52.0 18.0 27.0
279 36.3 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.403 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. 0.003 min
Lab File: BM035051.D
Acq: 14 May 2022 05:54



Tgt Ion: 276 Resp: 83730
Ion Ratio Lower Upper
276 100
138 26.5 17.4 26.0
277 25.4 22.6 33.8

