

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035052.D
 Acq On : 14 May 2022 06:30
 Operator : CG/JU
 Sample : N2603-17DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW497DL

Manual Integrations
 APPROVED

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

Quant Time: May 15 01:29:17 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	5694	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	17870	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	11404	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	24602	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	20331	0.400	ng/ul	# 0.00
23) Perylene-d12	23.858	264	17536	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	7115	1.043	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	2301	0.081	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	5469	0.078	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	4131	0.070	ng/ul	93
7) 2-Methylnaphthalene	12.382	142	1941	0.050	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	1555	0.043	ng/ul	99
10) Acenaphthylene	14.271	152	1607	0.024	ng/ul#	90
11) Acenaphthene	14.613	153	2985	0.061	ng/ul	95
12) Fluorene	15.598	166	3300	0.058	ng/ul	98
15) Phenanthrene	17.335	178	63173	0.674	ng/ul	94
16) Anthracene	17.424	178	10562	0.124	ng/ul	95
19) Fluoranthene	19.350	202	105425	0.923	ng/ul	97
20) Pyrene	19.713	202	91406	0.788	ng/ul	100
21) Benzo(a)anthracene	21.455	228	42440	0.451	ng/ul	98
22) Chrysene	21.508	228	45329	0.463	ng/ul	97
24) Benzo(b)fluoranthene	23.133	252	58279	0.634	ng/ul	84
25) Benzo(k)fluoranthene	23.177	252	15769m	0.180	ng/ul	
26) Benzo(a)pyrene	23.753	252	33946	0.406	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.322	276	22521	0.272	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.339	278	5290	0.080	ng/ul#	30
29) Benzo(g,h,i)perylene	27.083	276	18967	0.266	ng/ul#	89

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

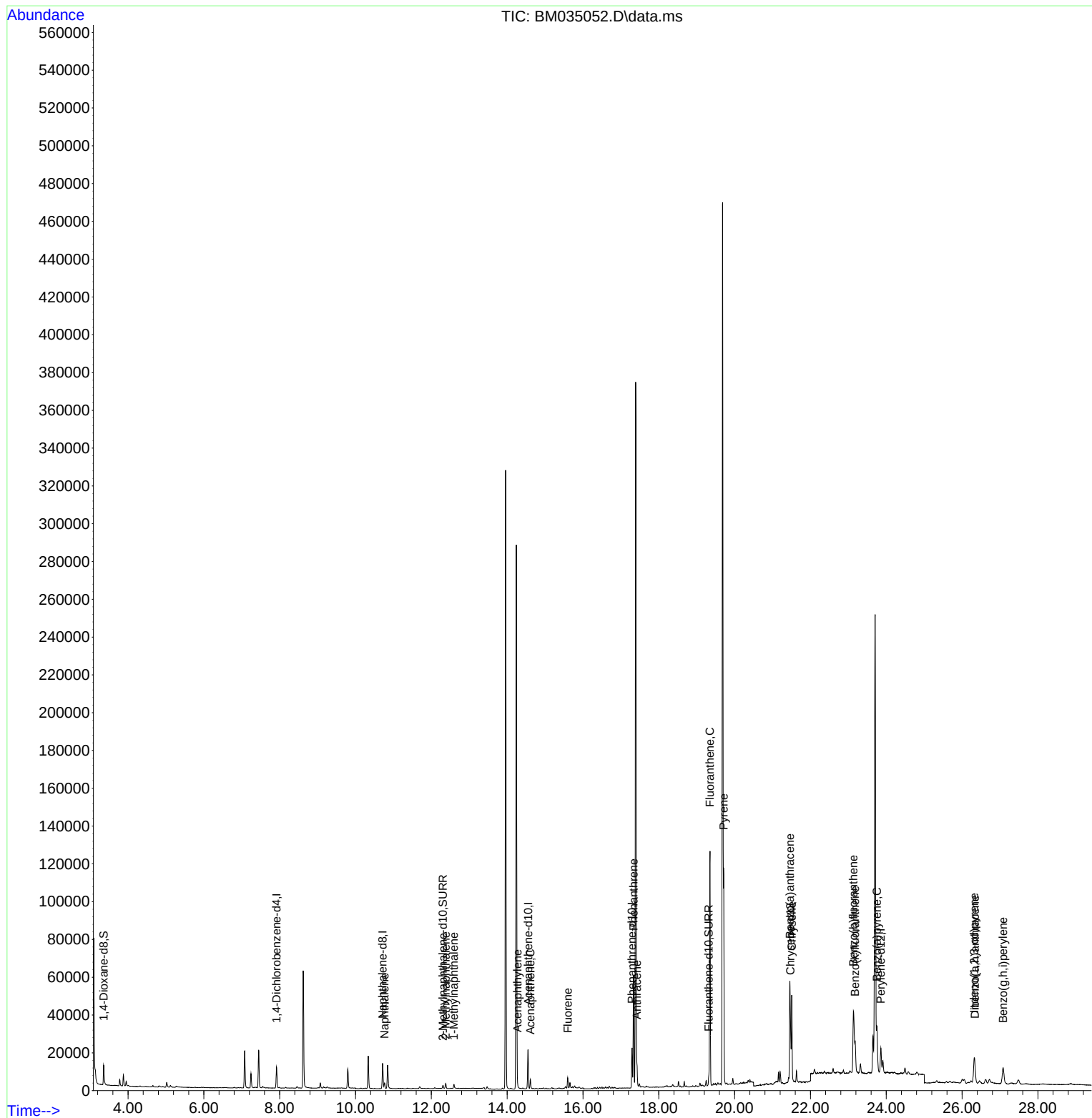
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035052.D
Acq On : 14 May 2022 06:30
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Sample : N2603-17DL 5X
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ALS Vial : 26 Sample Multiplier: 1

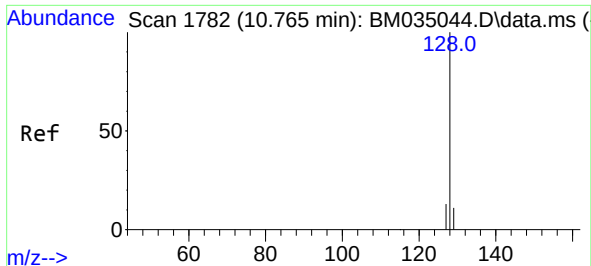
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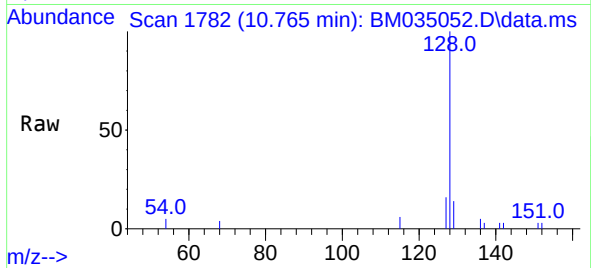
Quant Time: May 15 01:29:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.070 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30

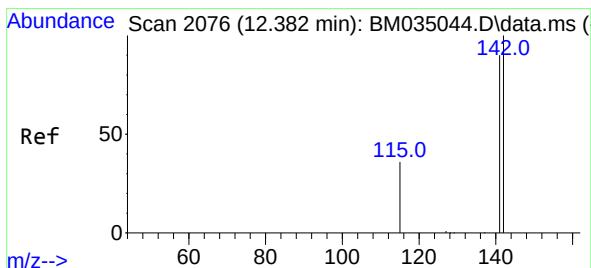
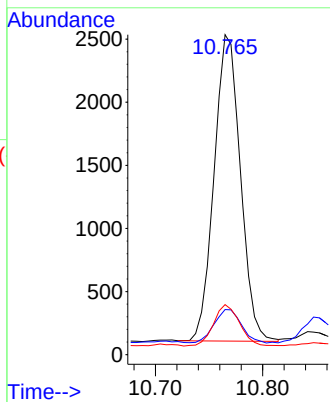
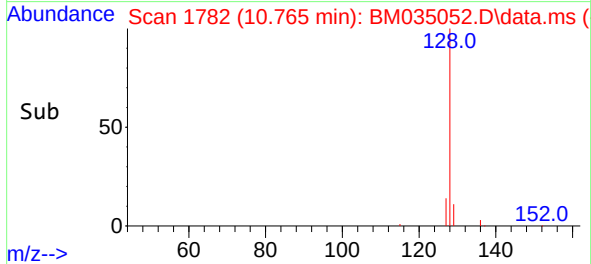
Instrument :
BNA_M
ClientSampleId :
EW497DL



Tgt Ion:128 Resp: 413
Ion Ratio Lower Upper
128 100
129 14.1 13.4 20.2
127 15.7 15.2 22.8

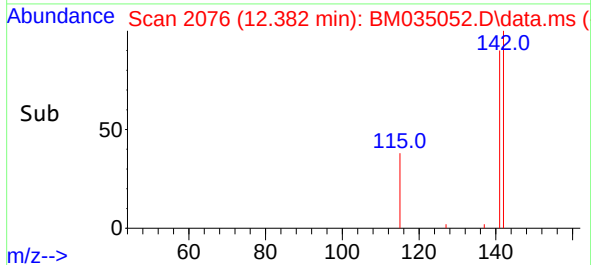
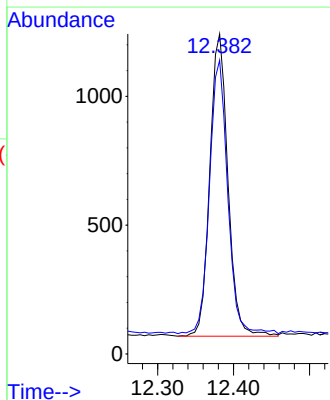
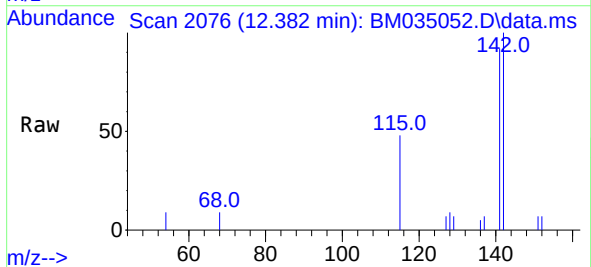
Manual Integrations
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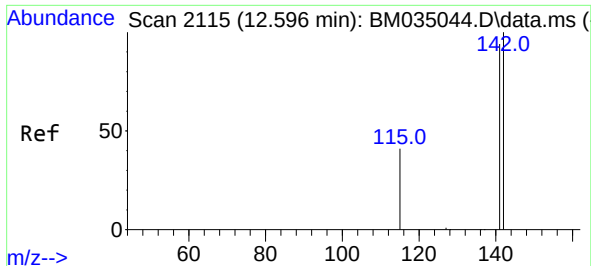
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30

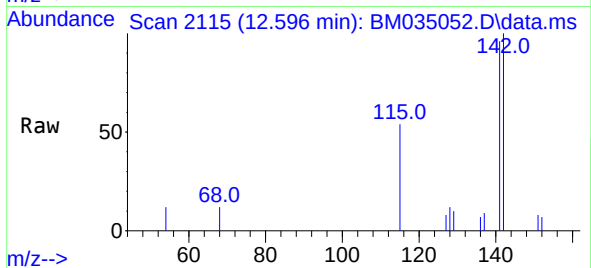
Tgt Ion:142 Resp: 1941
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30

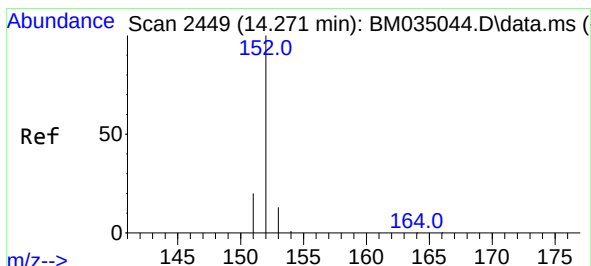
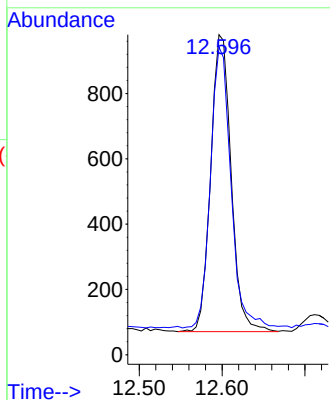
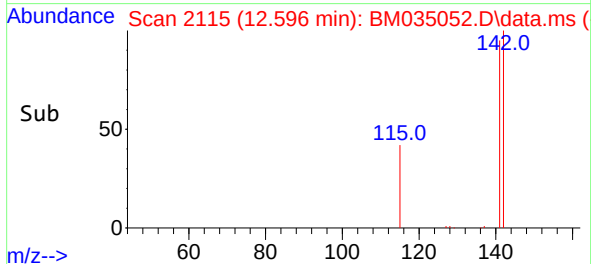
Instrument :
BNA_M
ClientSampleId :
EW497DL



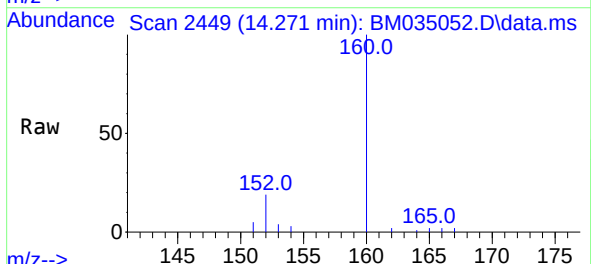
Tgt Ion:142 Resp: 155
Ion Ratio Lower Upper
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141 94.7 75.0 112.4

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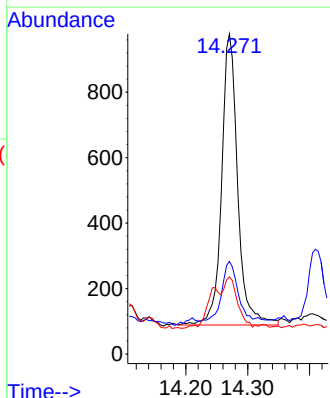
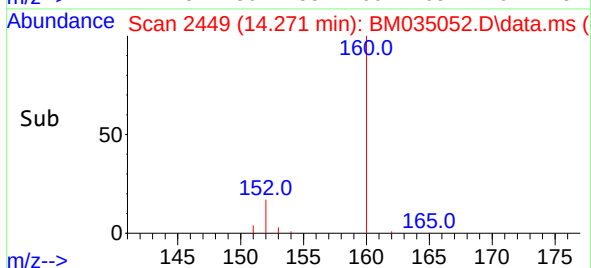
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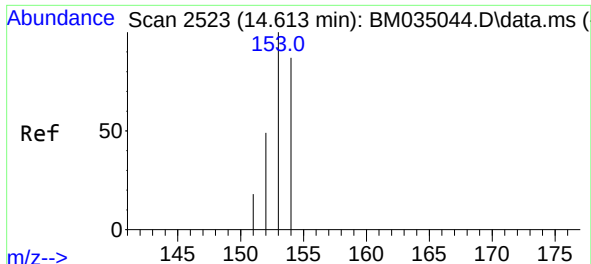


#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.271 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30



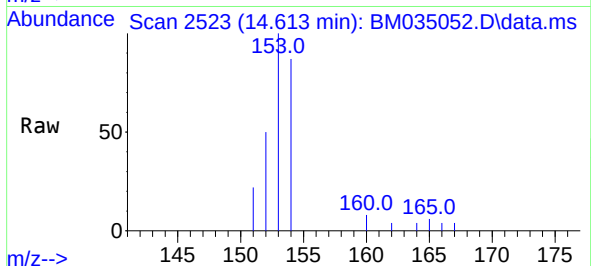
Tgt Ion:152 Resp: 1607
Ion Ratio Lower Upper
152 100
151 28.9 19.9 29.9
153 24.1 15.0 22.4#





#11
Acenaphthene
Concen: 0.061 ng/u1
RT: 14.613 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30

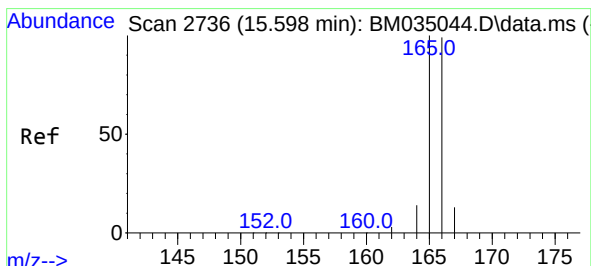
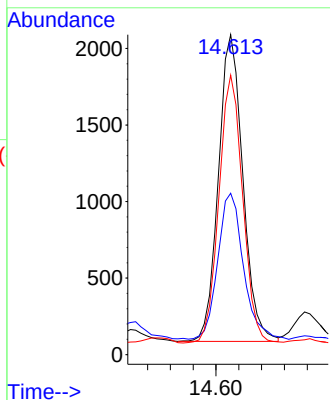
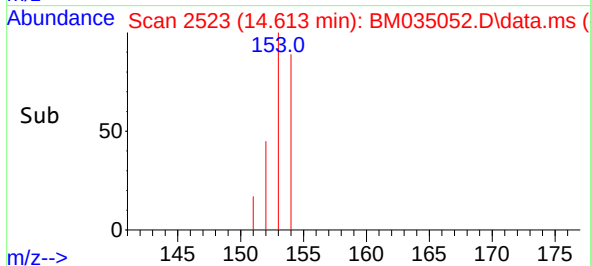
Instrument :
BNA_M
ClientSampleId :
EW497DL



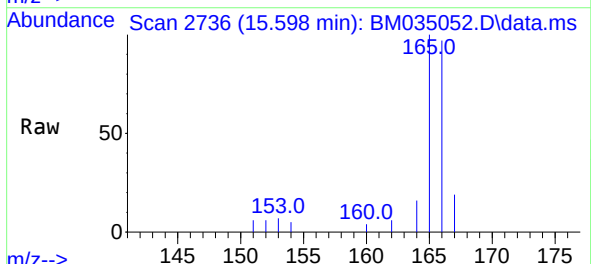
Tgt Ion:153 Resp: 2985
Ion Ratio Lower Upper
153 100
152 50.4 42.4 63.6
154 87.4 66.2 99.2

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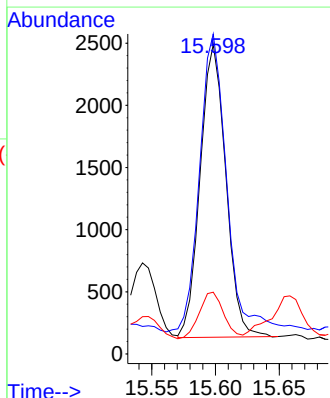
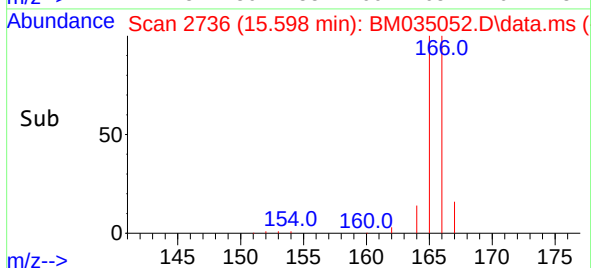
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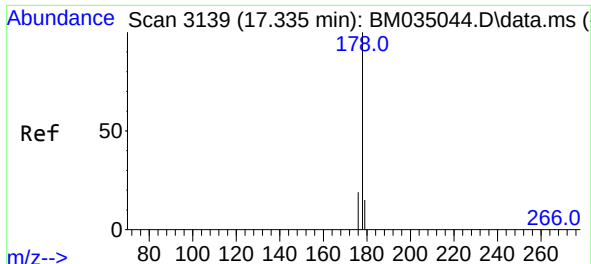


#12
Fluorene
Concen: 0.058 ng/u1
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30



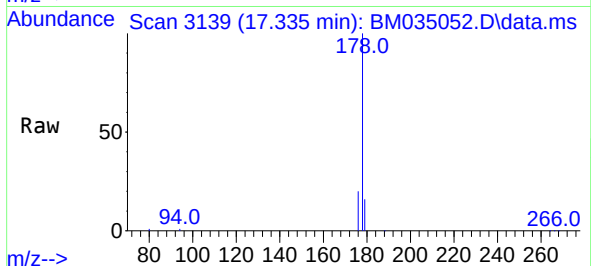
Tgt Ion:166 Resp: 3300
Ion Ratio Lower Upper
166 100
165 103.4 81.1 121.7
167 20.0 14.9 22.3





#15
Phenanthrene
Concen: 0.674 ng/u1
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30

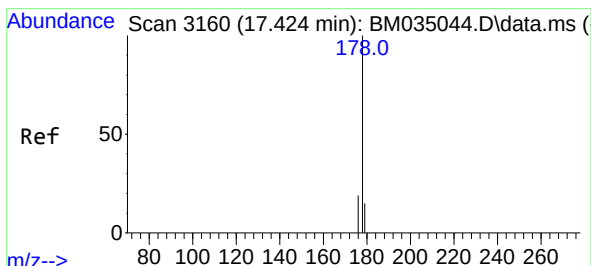
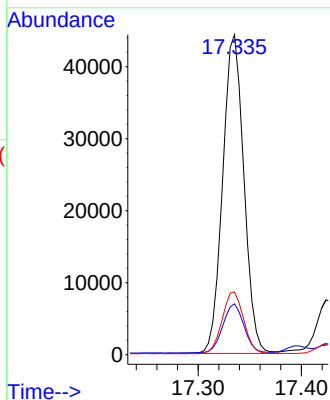
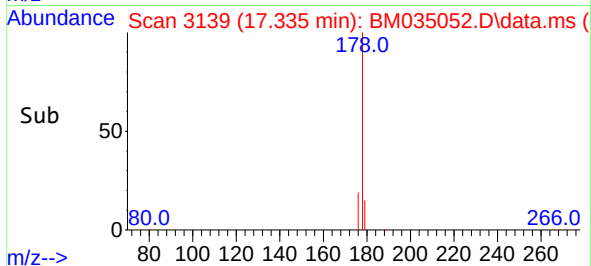
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ClientSampleId :
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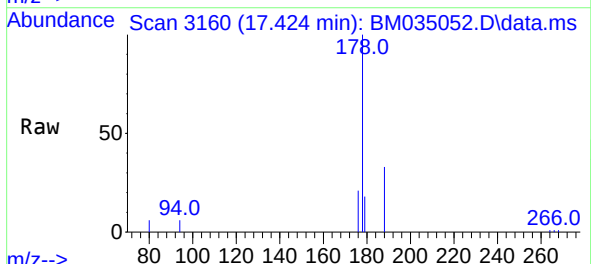
Tgt Ion:178 Resp: 6317
Ion Ratio Lower Upper
178 100
179 15.9 15.0 22.6
176 19.6 17.9 26.9

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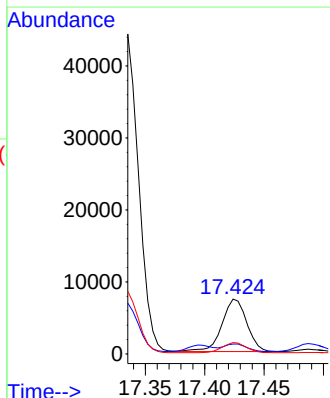
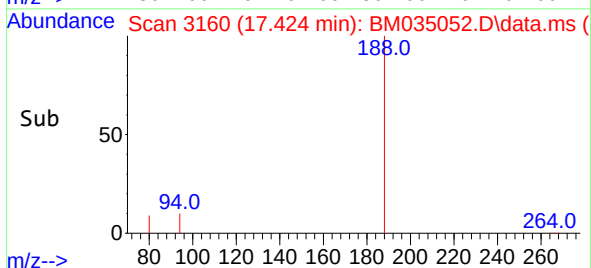
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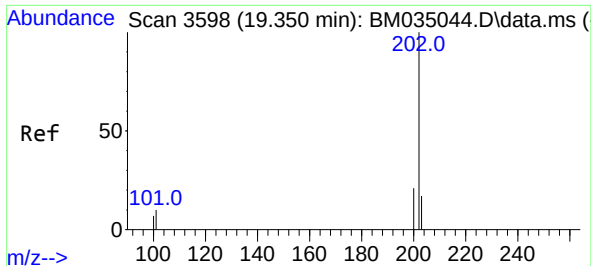


#16
Anthracene
Concen: 0.124 ng/u1
RT: 17.424 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30



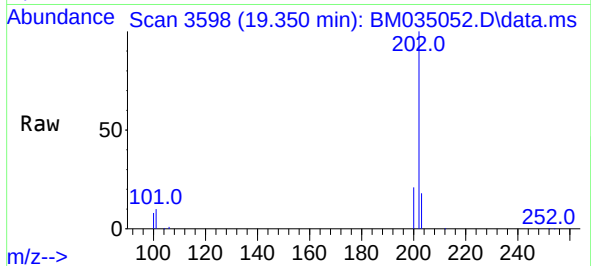
Tgt Ion:178 Resp: 10562
Ion Ratio Lower Upper
178 100
179 18.1 16.5 24.7
176 20.6 18.3 27.5





#19
Fluoranthene
Concen: 0.923 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.001 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30

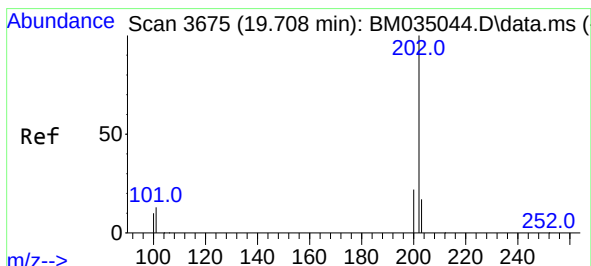
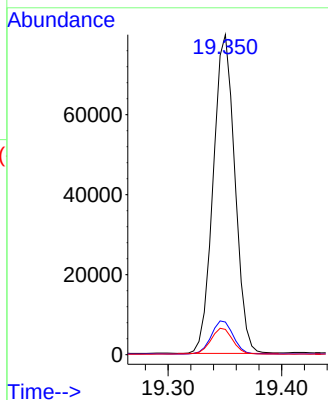
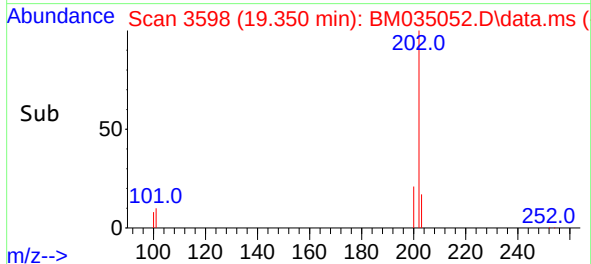
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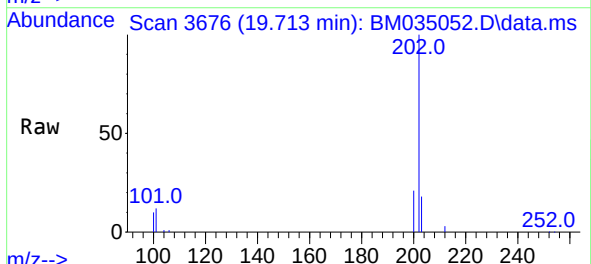
Tgt Ion:202 Resp: 105425
Ion Ratio Lower Upper
202 100
101 10.2 9.2 13.8
100 7.9 7.2 10.8

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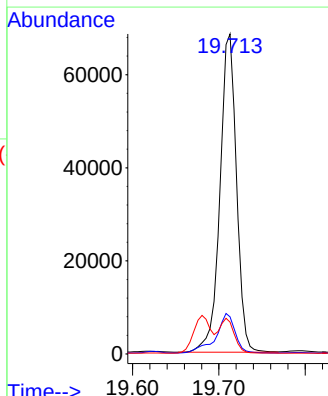
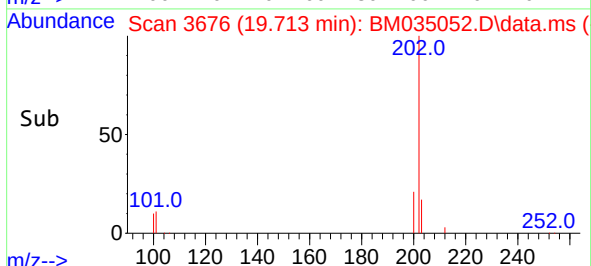
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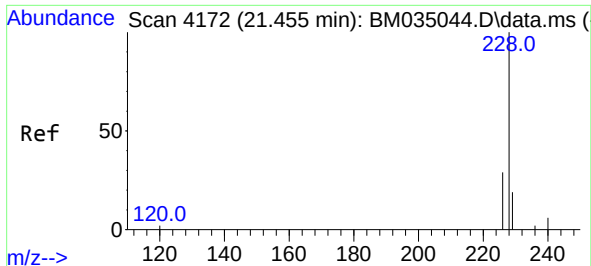


#20
Pyrene
Concen: 0.788 ng/u1
RT: 19.713 min Scan# 3676
Delta R.T. 0.001 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30



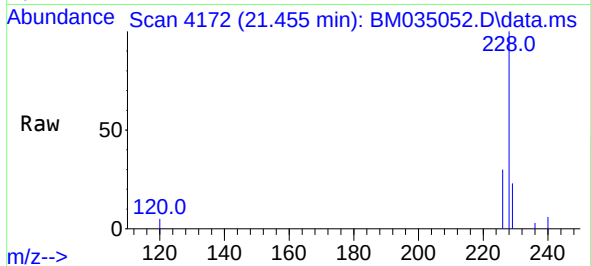
Tgt Ion:202 Resp: 91406
Ion Ratio Lower Upper
202 100
101 11.6 9.3 13.9
100 10.0 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.451 ng/u1
RT: 21.455 min Scan# 4172
Delta R.T. -0.004 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30

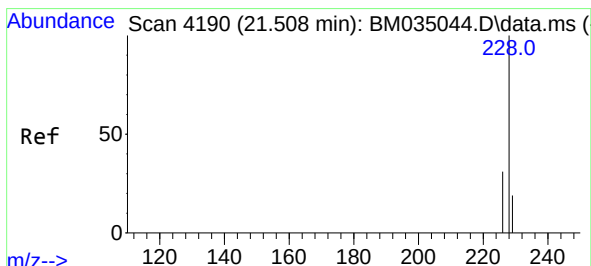
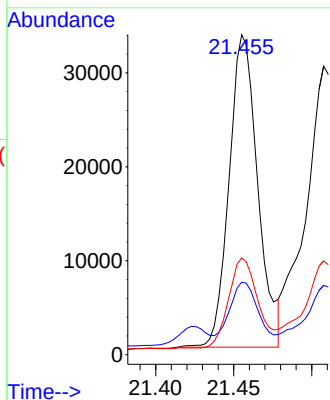
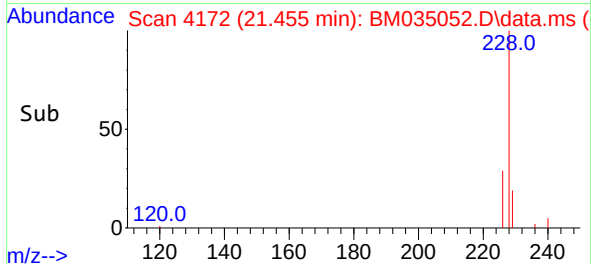
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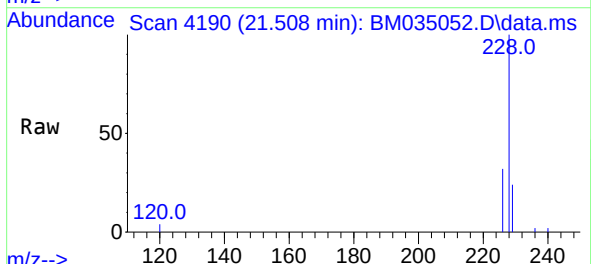
Tgt Ion:228 Resp: 42440
Ion Ratio Lower Upper
228 100
229 22.6 17.3 25.9
226 30.2 23.2 34.8

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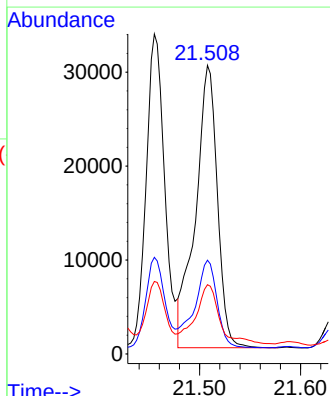
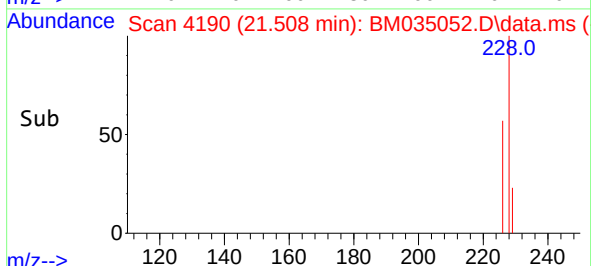
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

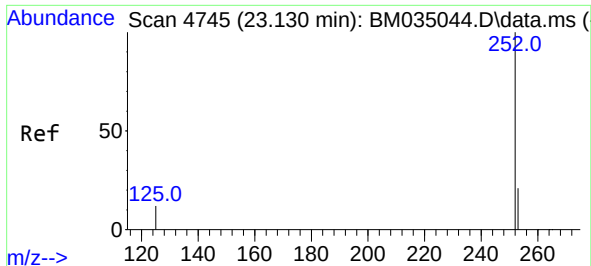


#22
Chrysene
Concen: 0.463 ng/u1
RT: 21.508 min Scan# 4190
Delta R.T. -0.004 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30



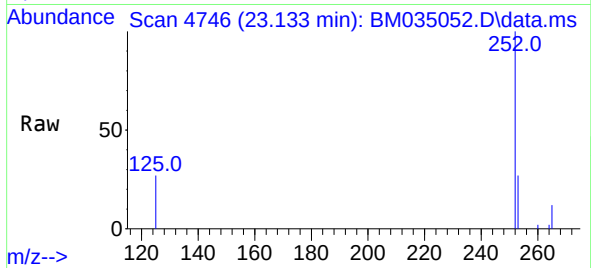
Tgt Ion:228 Resp: 45329
Ion Ratio Lower Upper
228 100
226 32.5 25.8 38.8
229 24.0 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.634 ng/ul
RT: 23.133 min Scan# 4745
Delta R.T. -0.001 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30

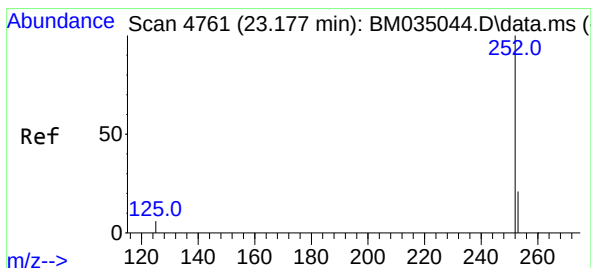
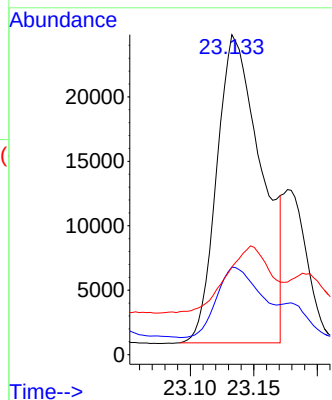
Instrument :
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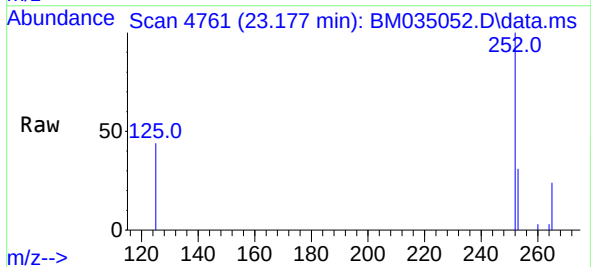
Tgt Ion:252 Resp: 58279
Ion Ratio Lower Upper
252 100
253 27.3 0.0 64.2
125 27.4 0.0 28.8

Manual Integrations
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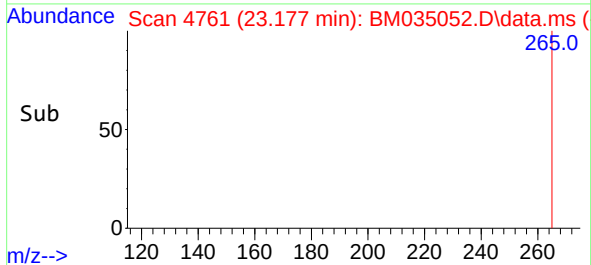
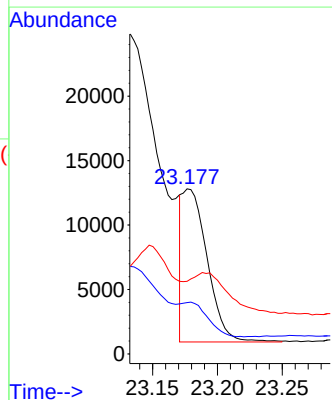
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Supervised By :Yogesh Patel 05/17/2022

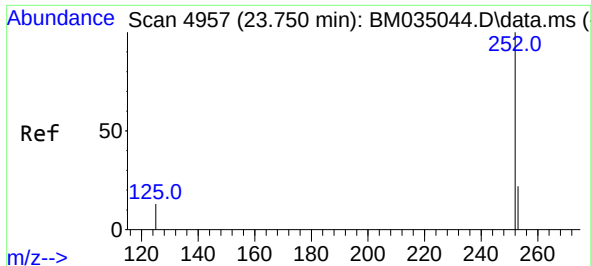


#25
Benzo(k)fluoranthene
Concen: 0.180 ng/ul m
RT: 23.177 min Scan# 4761
Delta R.T. -0.004 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30



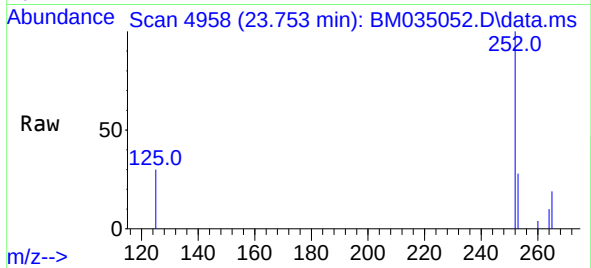
Tgt Ion:252 Resp: 15769
Ion Ratio Lower Upper
252 100
253 31.1 26.8 40.2
125 44.0 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.406 ng/u1
RT: 23.753 min Scan# 4957
Delta R.T. 0.002 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30

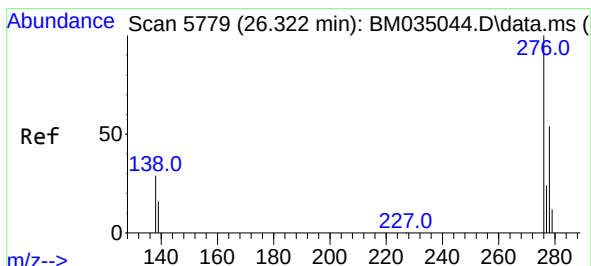
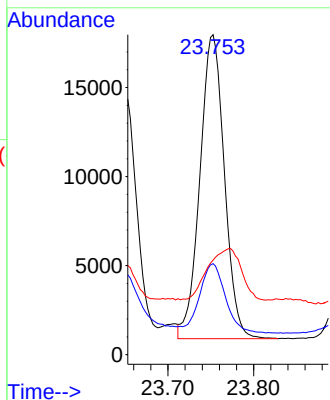
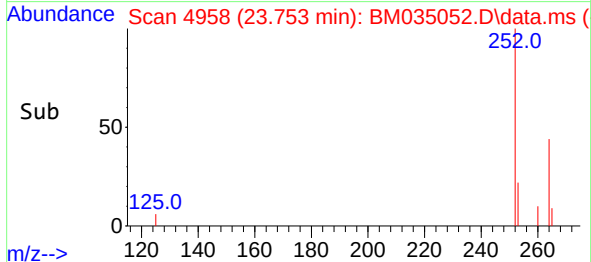
Instrument :
BNA_M
ClientSampleId :
EW497DL



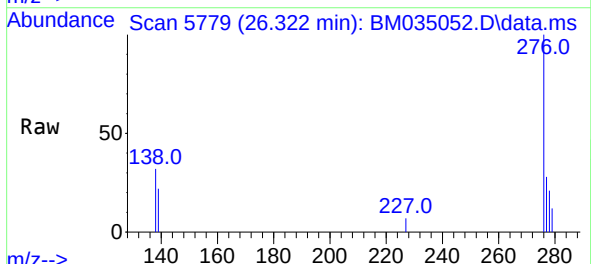
Tgt Ion:252 Resp: 33940
Ion Ratio Lower Upper
252 100
253 28.4 32.0 48.0
125 29.5 14.5 21.7

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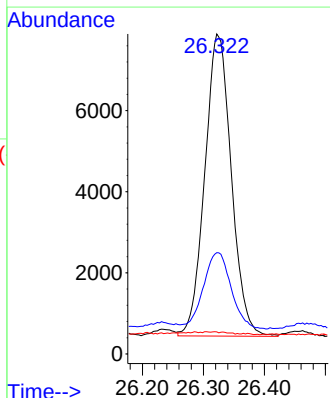
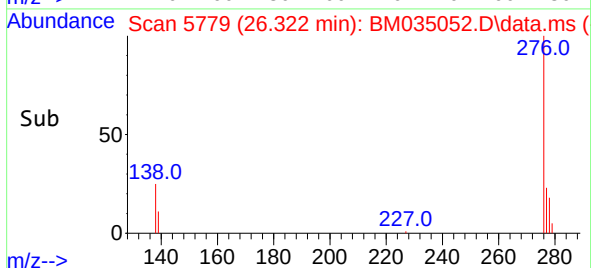
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

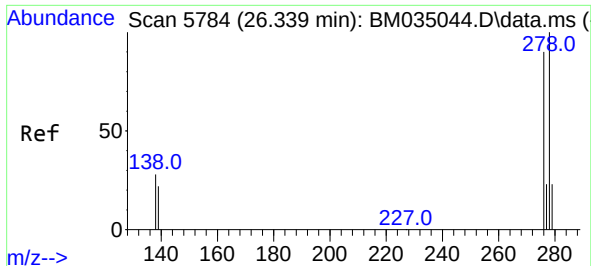


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.272 ng/u1
RT: 26.322 min Scan# 5779
Delta R.T. -0.004 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30



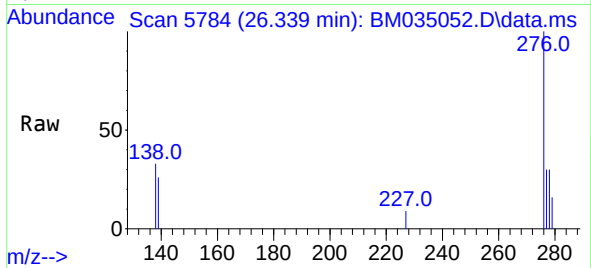
Tgt Ion:276 Resp: 22521
Ion Ratio Lower Upper
276 100
138 26.5 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 26.339 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30

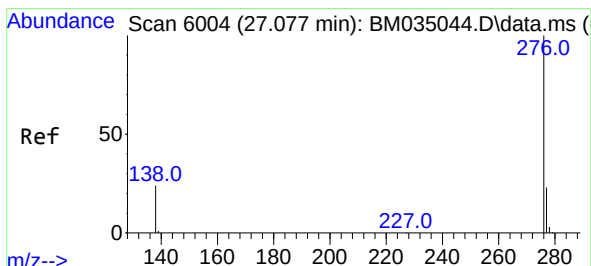
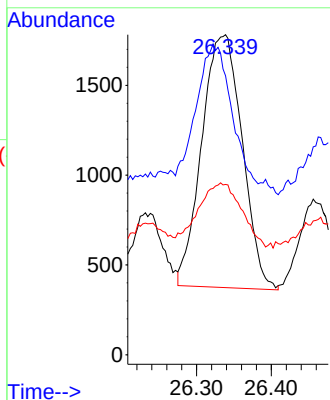
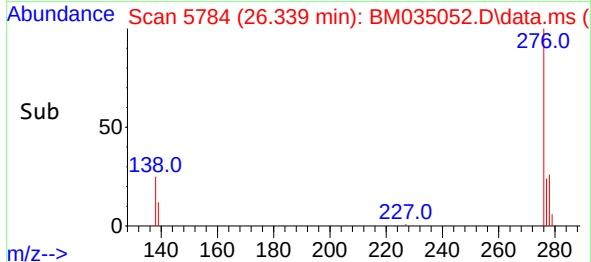
Instrument :
BNA_M
ClientSampleId :
EW497DL



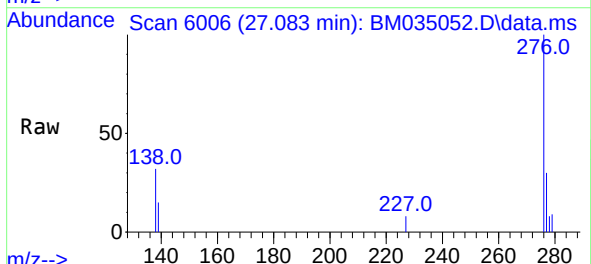
Tgt Ion:278 Resp: 5290
Ion Ratio Lower Upper
278 100
139 87.1 18.0 27.0
279 53.2 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.266 ng/ul
RT: 27.083 min Scan# 6006
Delta R.T. 0.003 min
Lab File: BM035052.D
Acq: 14 May 2022 06:30



Tgt Ion:276 Resp: 18967
Ion Ratio Lower Upper
276 100
138 31.7 17.4 26.0
277 29.7 22.6 33.8

