

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035089.D
 Acq On : 15 May 2022 05:58
 Operator : CG/JU
 Sample : N2632-12
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4B4

Manual Integrations
 APPROVED

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

Quant Time: May 16 00:55:59 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	4393	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	13962	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.547	164	9145	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	19875	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.471	240	16462	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	13834	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	10648	2.023	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	3985	0.179	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	12145	0.215	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	2375	0.052	ng/ul	96
7) 2-Methylnaphthalene	12.376	142	729	0.024	ng/ul	98
8) 1-Methylnaphthalene	12.596	142	665	0.024	ng/ul	100
10) Acenaphthylene	14.270	152	1530	0.028	ng/ul	96
11) Acenaphthene	14.612	153	6571	0.168	ng/ul	95
12) Fluorene	15.597	166	6898	0.151	ng/ul	98
15) Phenanthrene	17.330	178	120270	1.589	ng/ul	93
16) Anthracene	17.423	178	29850	0.433	ng/ul#	92
19) Fluoranthene	19.350	202	242099	2.619	ng/ul	95
20) Pyrene	19.712	202	200307	2.133	ng/ul	99
21) Benzo(a)anthracene	21.456	228	101217	1.329	ng/ul	99
22) Chrysene	21.509	228	90345	1.140	ng/ul	97
24) Benzo(b)fluoranthene	23.134	252	112176	1.546	ng/ul	90
25) Benzo(k)fluoranthene	23.175	252	33153m	0.479	ng/ul	
26) Benzo(a)pyrene	23.750	252	72855	1.104	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.323	276	42384	0.649	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.333	278	10259	0.197	ng/ul#	91
29) Benzo(g,h,i)perylene	27.084	276	34848	0.620	ng/ul	94

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

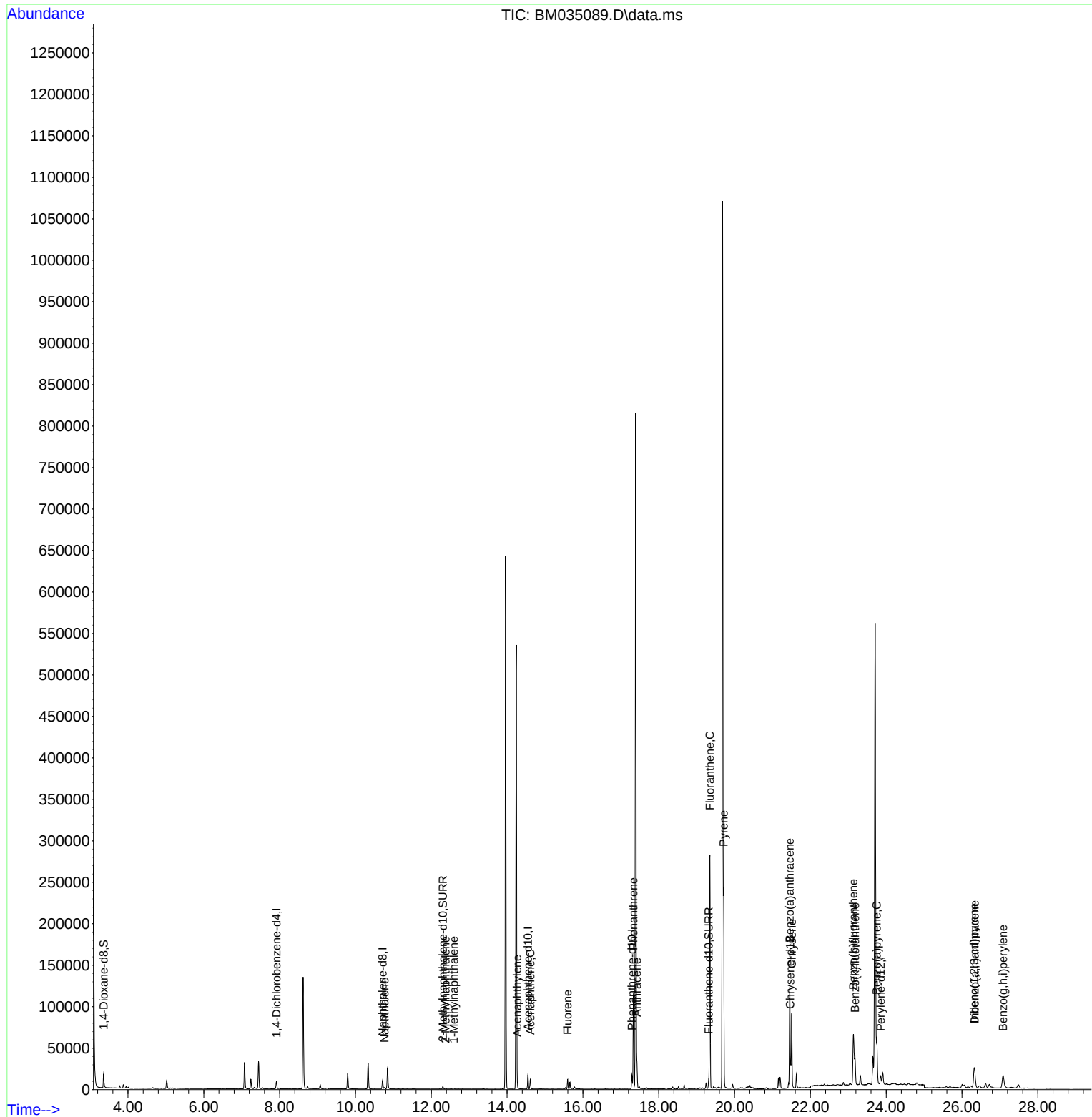
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035089.D
Acq On : 15 May 2022 05:58
Operator : CG/JU
Sample : N2632-12
Misc :
ALS Vial : 65 Sample Multiplier: 1

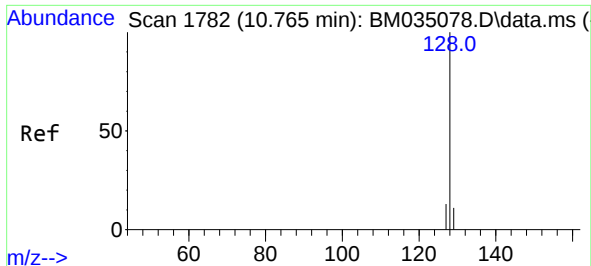
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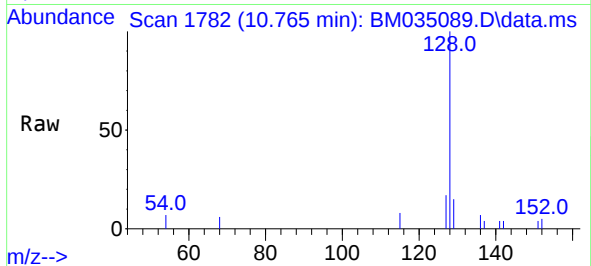
Quant Time: May 16 00:55:59 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58

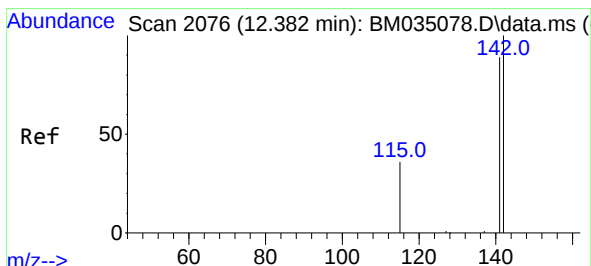
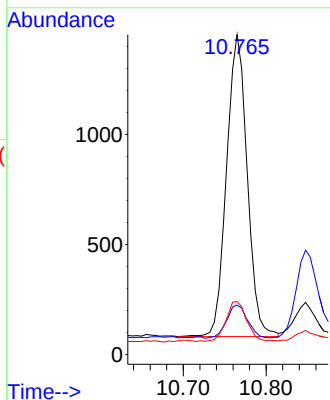
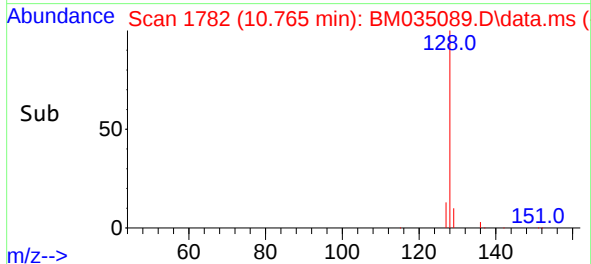
Instrument :
BNA_M
ClientSampleId :
EW4B4



Tgt Ion:128 Resp: 2375
Ion Ratio Lower Upper
128 100
129 15.5 13.4 20.2
127 16.6 15.2 22.8

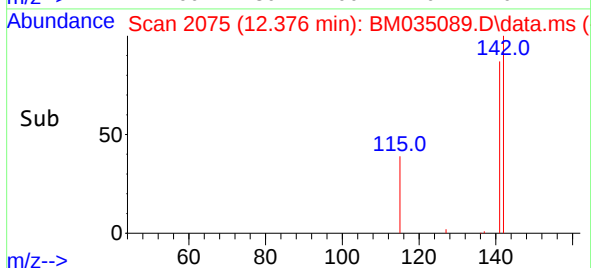
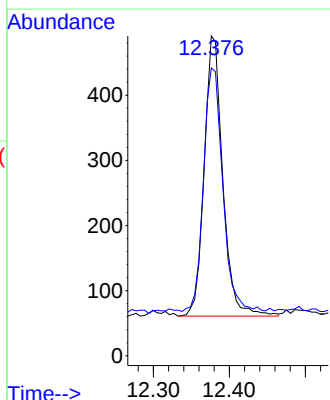
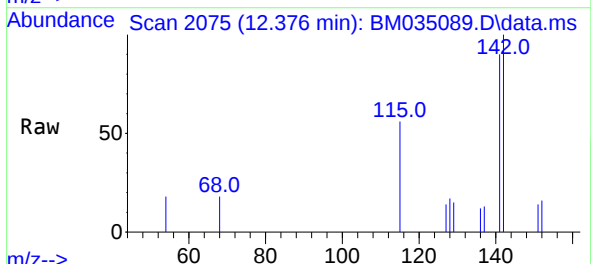
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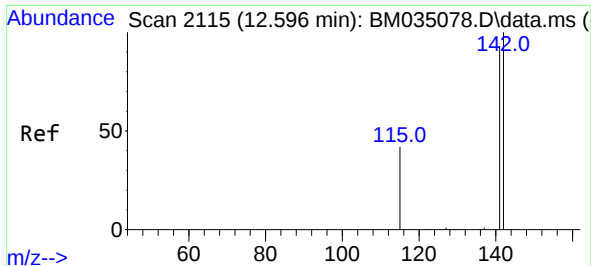
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.376 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58

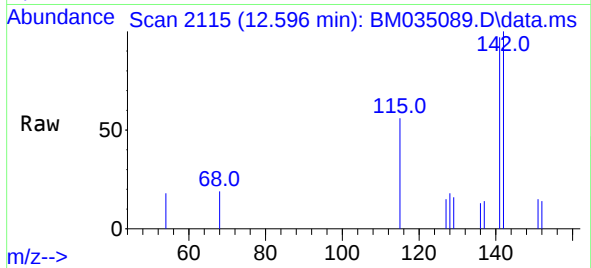
Tgt Ion:142 Resp: 729
Ion Ratio Lower Upper
142 100
141 91.4 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58

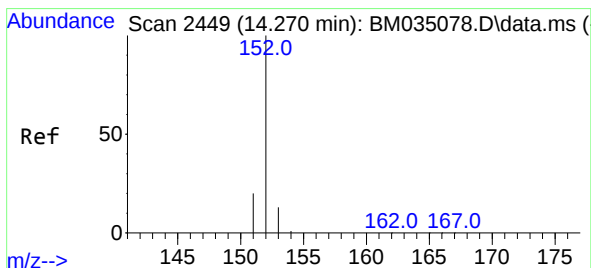
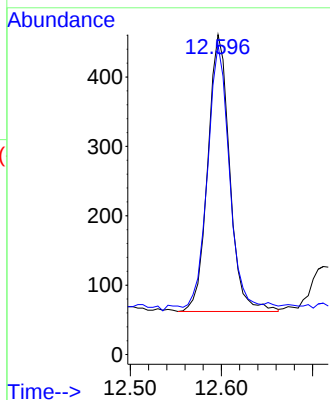
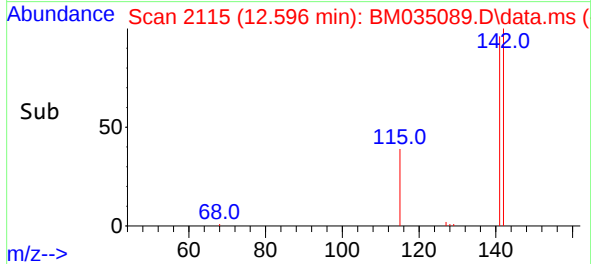
Instrument :
BNA_M
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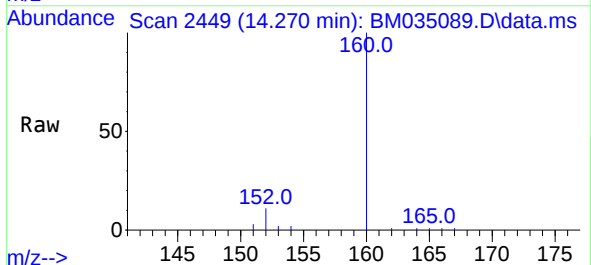
Tgt Ion:142 Resp: 66
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4

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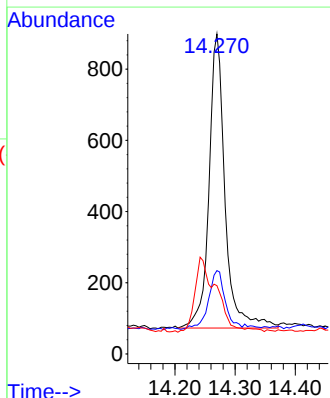
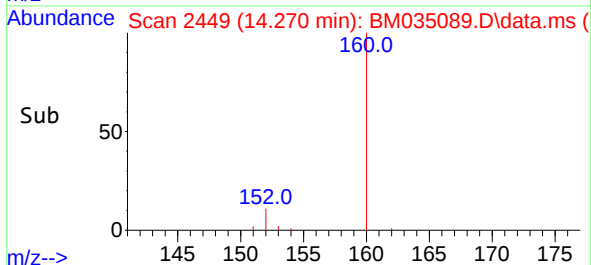
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

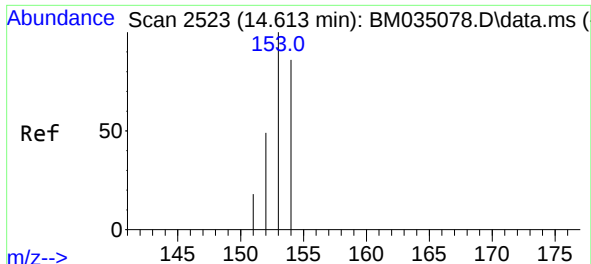


#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58



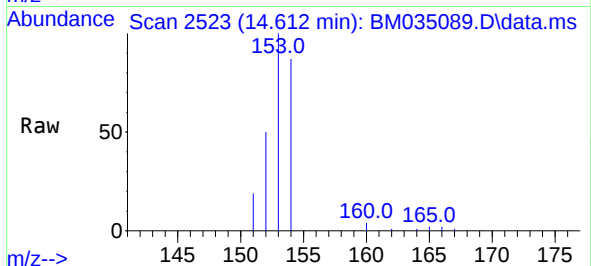
Tgt Ion:152 Resp: 1530
Ion Ratio Lower Upper
152 100
151 26.0 19.9 29.9
153 21.4 15.0 22.4





#11
Acenaphthene
Concen: 0.168 ng/ul
RT: 14.612 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58

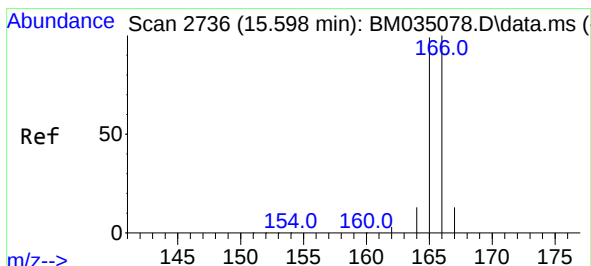
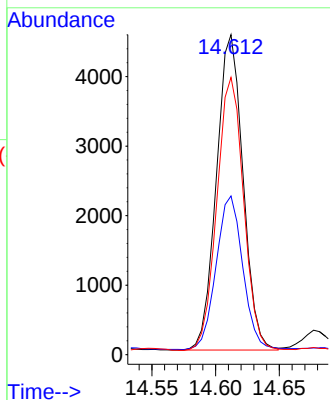
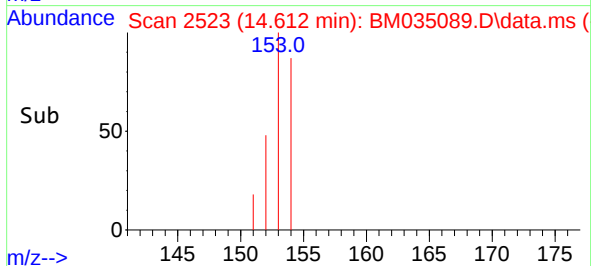
Instrument :
BNA_M
ClientSampleId :
EW4B4



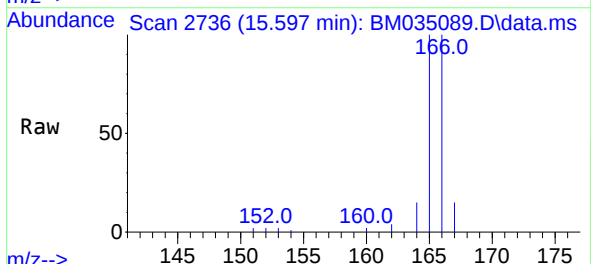
Tgt Ion:153 Resp: 657
Ion Ratio Lower Upper
153 100
152 49.6 42.4 63.6
154 86.7 66.2 99.2

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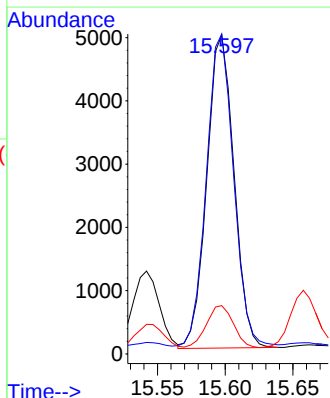
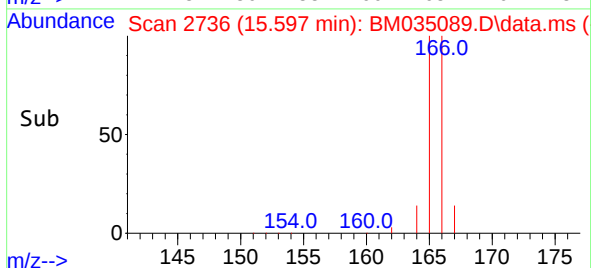
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

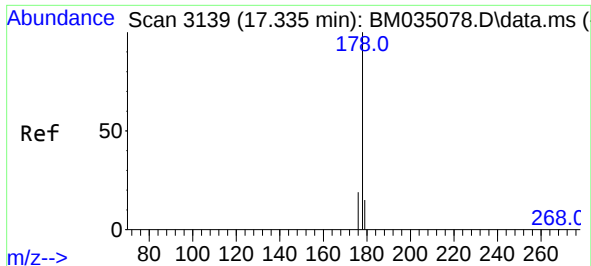


#12
Fluorene
Concen: 0.151 ng/ul
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58



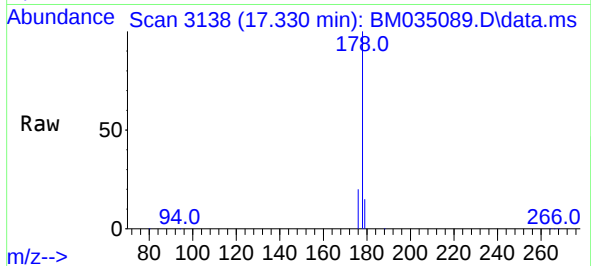
Tgt Ion:166 Resp: 6898
Ion Ratio Lower Upper
166 100
165 100.3 81.1 121.7
167 15.1 14.9 22.3





#15
Phenanthrene
Concen: 1.589 ng/u1
RT: 17.330 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58

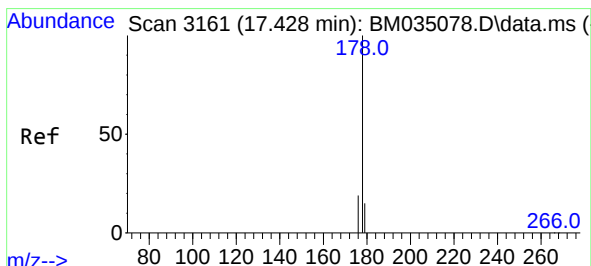
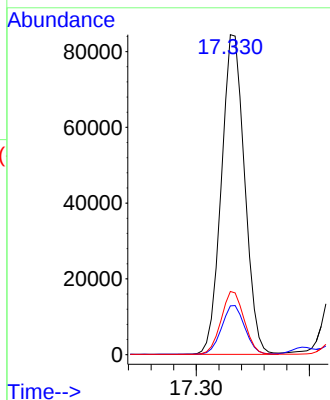
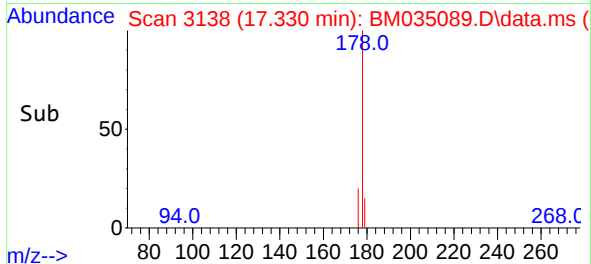
Instrument :
BNA_M
ClientSampleId :
EW4B4



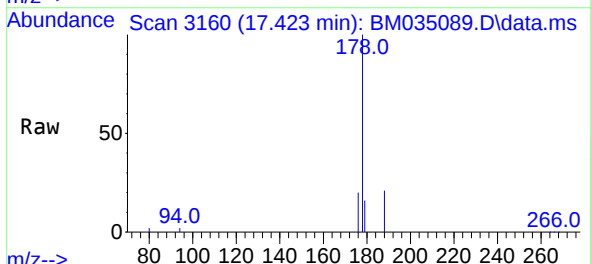
Tgt Ion:178 Resp: 120270
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 19.8 17.9 26.9

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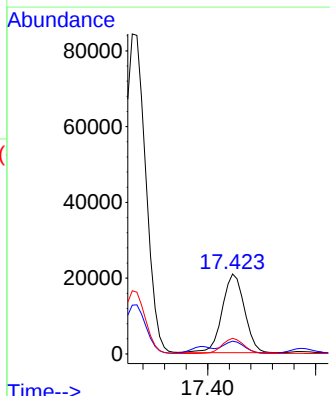
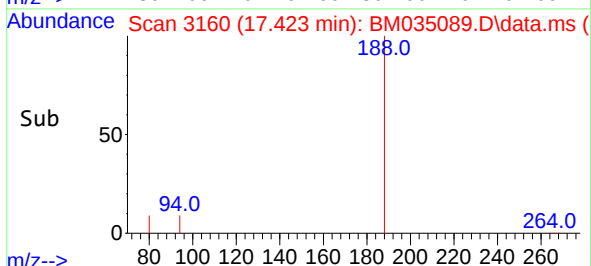
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

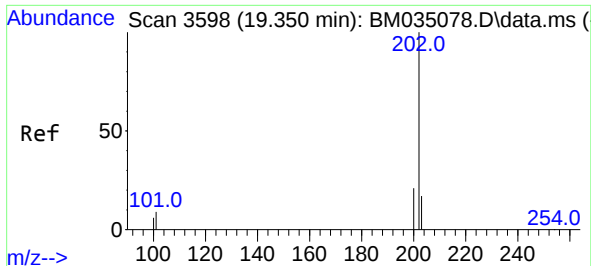


#16
Anthracene
Concen: 0.433 ng/u1
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58



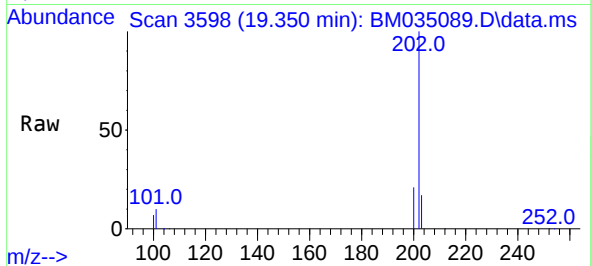
Tgt Ion:178 Resp: 29850
Ion Ratio Lower Upper
178 100
179 16.0 16.5 24.7#
176 19.6 18.3 27.5





#19
Fluoranthene
Concen: 2.619 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58

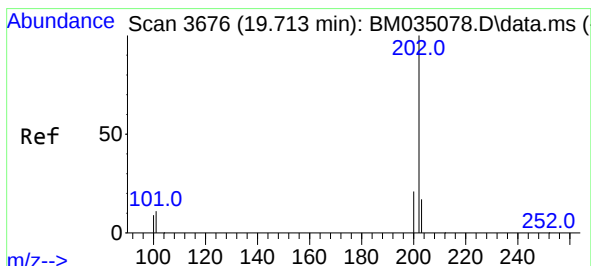
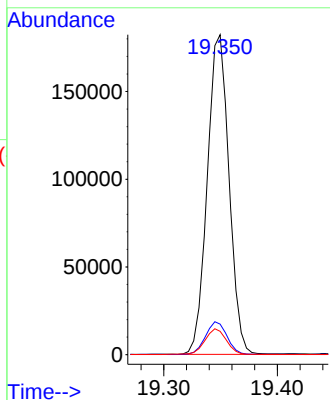
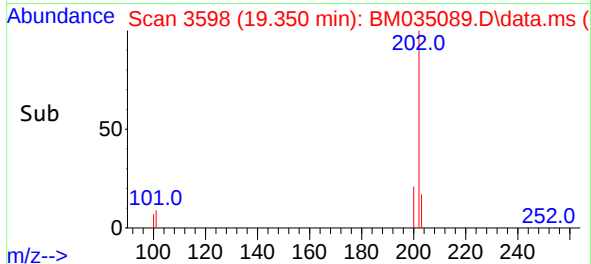
Instrument :
BNA_M
ClientSampleId :
EW4B4



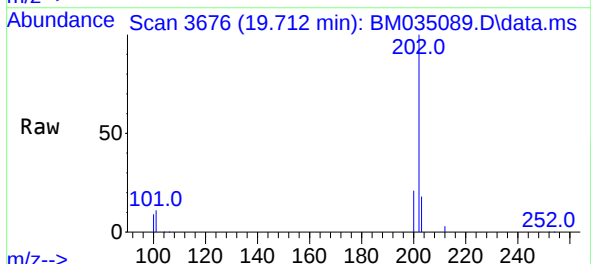
Tgt Ion:202 Resp: 242099
Ion Ratio Lower Upper
202 100
101 9.6 9.2 13.8
100 7.3 7.2 10.8

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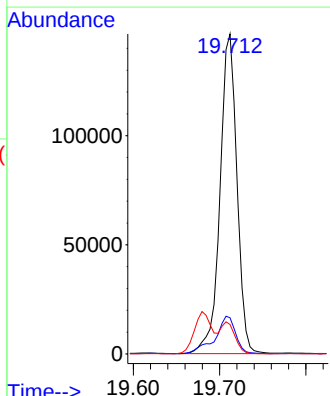
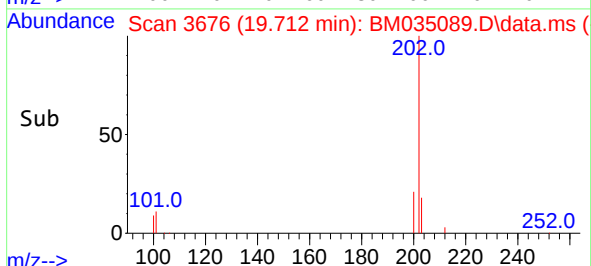
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

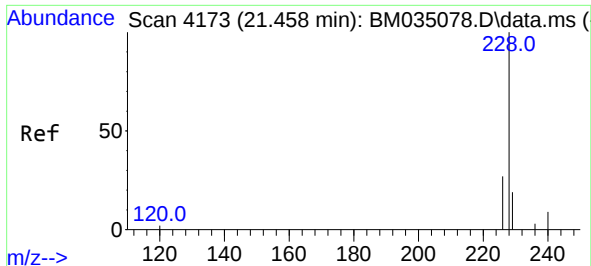


#20
Pyrene
Concen: 2.133 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58



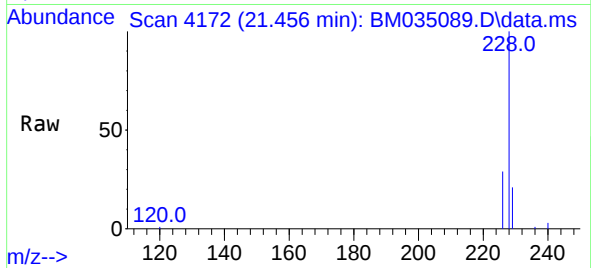
Tgt Ion:202 Resp: 200307
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
100 9.2 7.8 11.6





#21
Benzo(a)anthracene
Concen: 1.329 ng/ul
RT: 21.456 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58

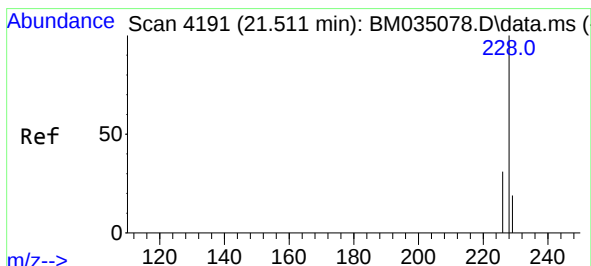
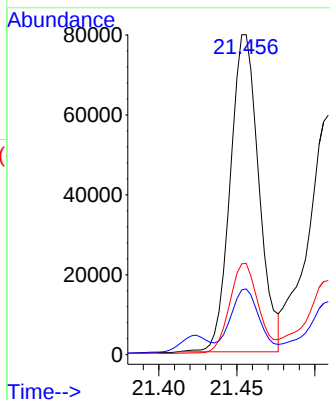
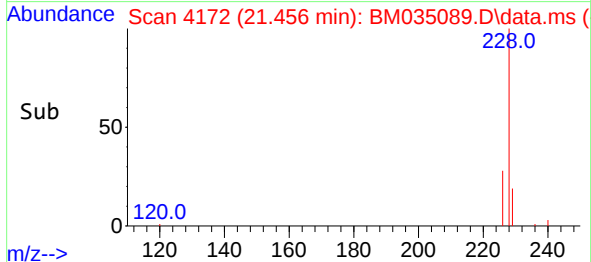
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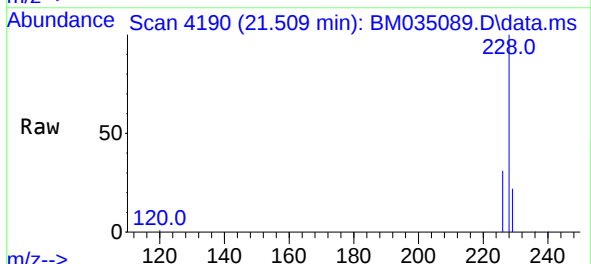
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Ion Ratio Lower Upper
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229 20.5 17.3 25.9
226 28.5 23.2 34.8

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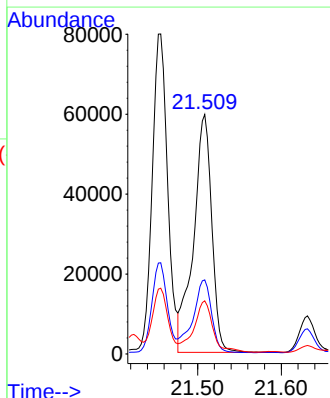
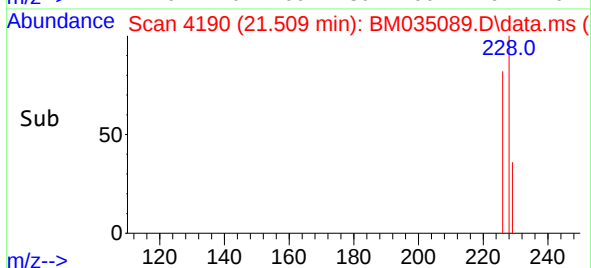
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

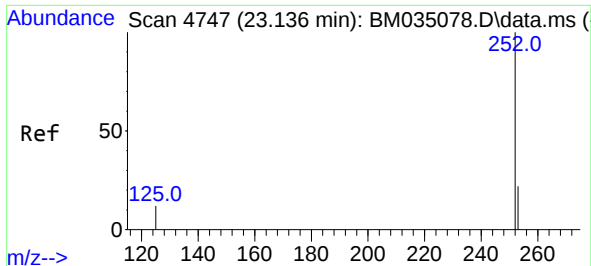


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Chrysene
Concen: 1.140 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58



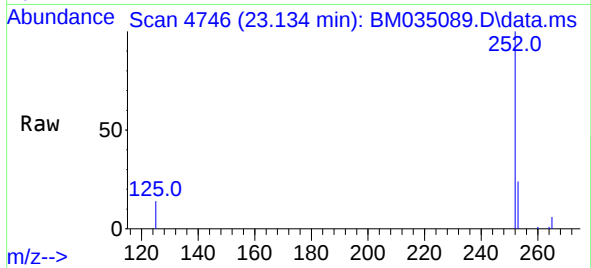
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Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 22.2 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 1.546 ng/ul
RT: 23.134 min Scan# 4747
Delta R.T. 0.000 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58

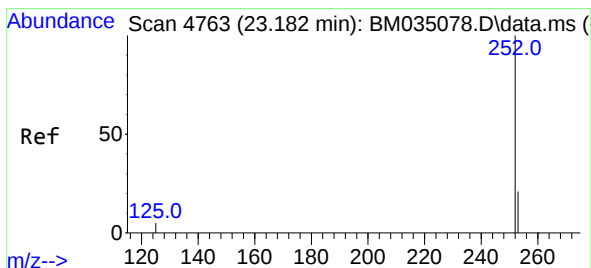
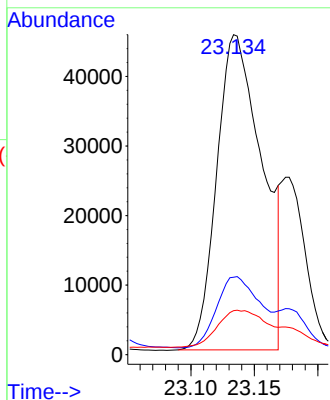
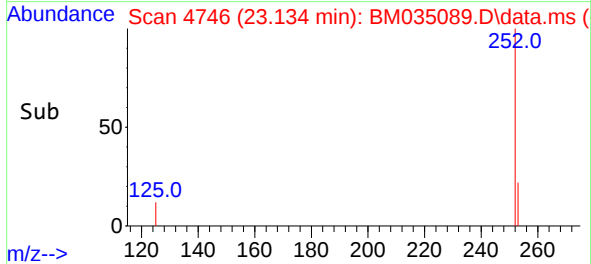
Instrument :
BNA_M
ClientSampleId :
EW4B4



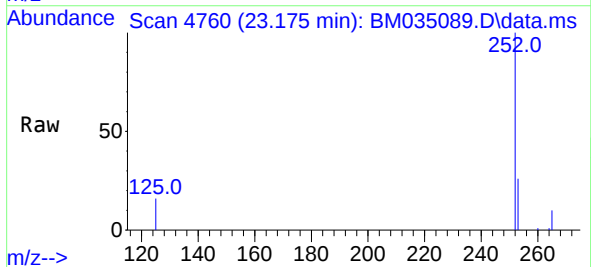
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Ion Ratio Lower Upper
252 100
253 24.2 0.0 64.2
125 13.7 0.0 28.8

Manual Integrations
APPROVED

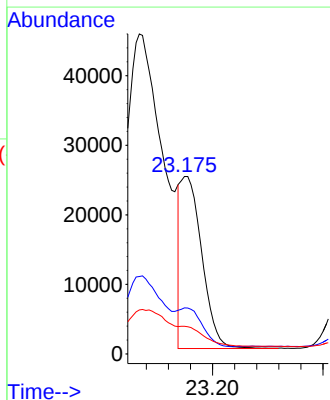
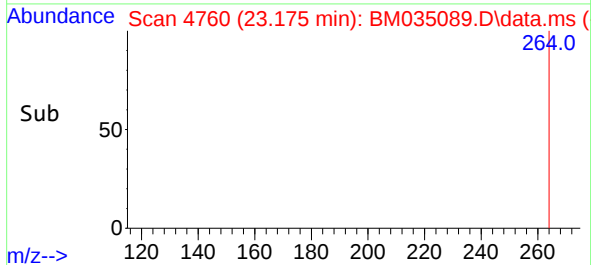
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

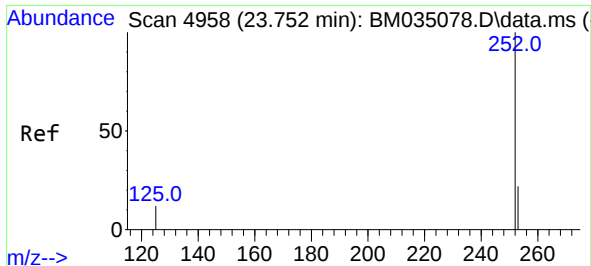


#25
Benzo(k)fluoranthene
Concen: 0.479 ng/ul m
RT: 23.175 min Scan# 4760
Delta R.T. -0.006 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58



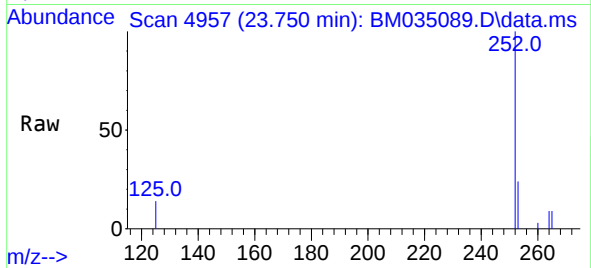
Tgt Ion:252 Resp: 33153
Ion Ratio Lower Upper
252 100
253 26.0 26.8 40.2#
125 15.6 12.0 18.0





#26
Benzo(a)pyrene
Concen: 1.104 ng/ul
RT: 23.750 min Scan# 4958
Delta R.T. 0.000 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58

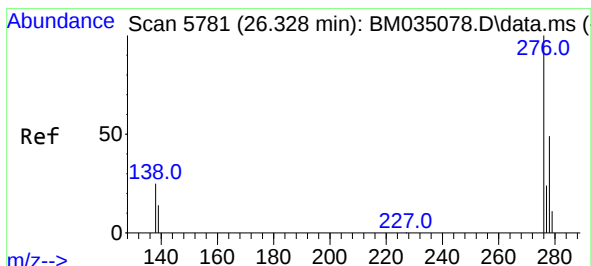
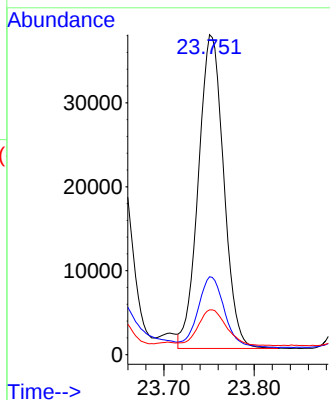
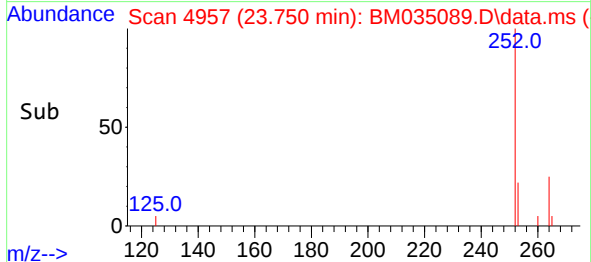
Instrument :
BNA_M
ClientSampleId :
EW4B4



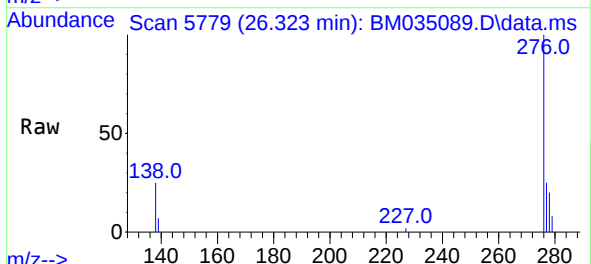
Tgt Ion:252 Resp: 7285
Ion Ratio Lower Upper
252 100
253 24.3 32.0 48.0
125 14.0 14.5 21.7

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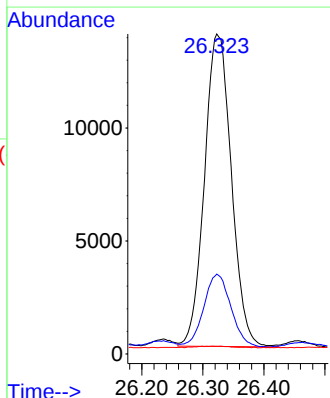
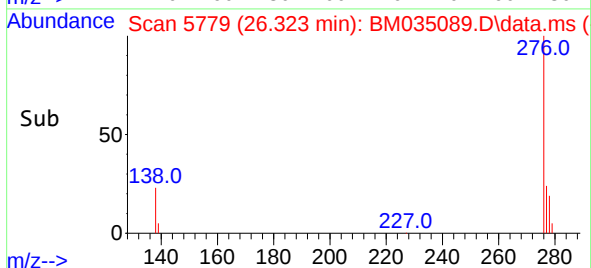
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

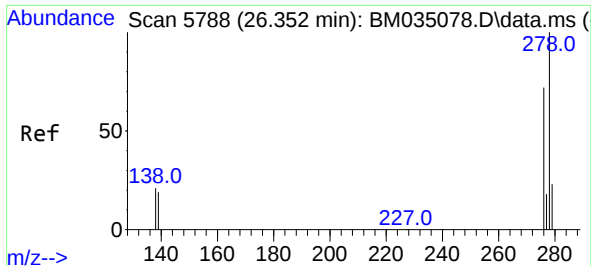


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.649 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58



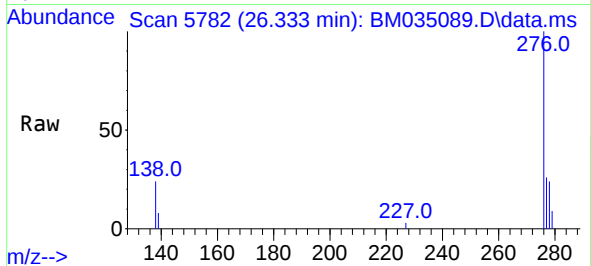
Tgt Ion:276 Resp: 42384
Ion Ratio Lower Upper
276 100
138 23.6 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.197 ng/ul
RT: 26.333 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58

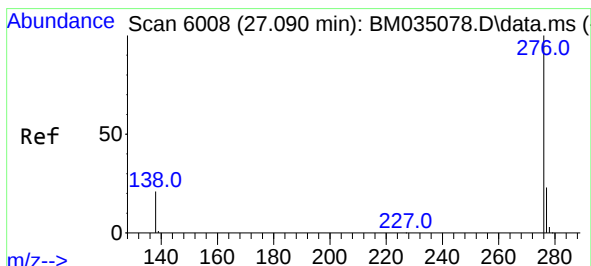
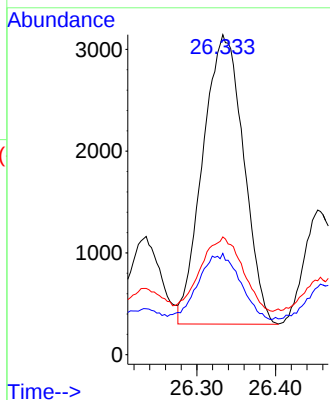
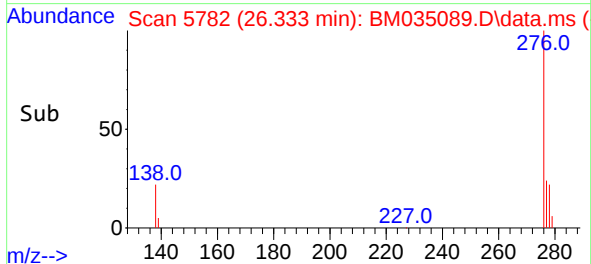
Instrument :
BNA_M
ClientSampleId :
EW4B4



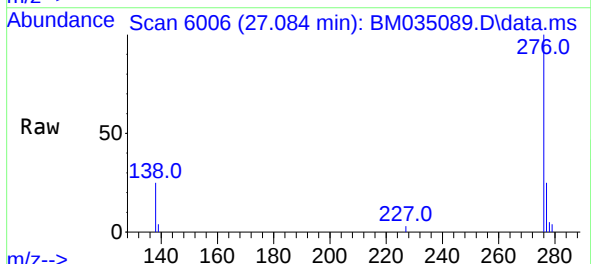
Tgt Ion:278 Resp: 10259
Ion Ratio Lower Upper
278 100
139 31.6 18.0 27.0
279 36.8 28.6 42.8

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Supervised By :Yogesh Patel 05/17/2022



#29
Benzo(g,h,i)perylene
Concen: 0.620 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. 0.003 min
Lab File: BM035089.D
Acq: 15 May 2022 05:58



Tgt Ion:276 Resp: 34848
Ion Ratio Lower Upper
276 100
138 24.7 17.4 26.0
277 25.3 22.6 33.8

