

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
 Data File : BM034517.D
 Acq On : 06 Apr 2022 15:31
 Operator : CG/JU
 Sample : N2183-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R33DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
 Supervised By :Yogesh Patel 04/09/2022

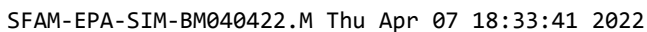
Quant Time: Apr 07 14:38:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 07 12:11:55 2022
 Response via : Initial Calibration

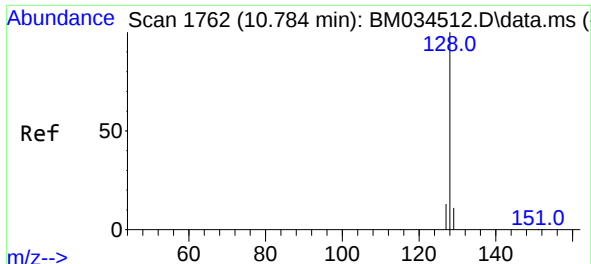
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	2202	0.400	ng/ul	0.00
4) Naphthalene-d8	10.730	136	5849	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.560	164	3096	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	5094	0.400	ng/ul	-0.01
17) Chrysene-d12	21.489	240	3819	0.400	ng/ul #	0.00
23) Perylene-d12	23.883	264	2231m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	2228	0.604	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	299	0.039	ng/ul	0.02
18) Fluoranthene-d10	19.324	212	726	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.785	128	685	0.037	ng/ul#	75
7) 2-Methylnaphthalene	12.423	142	411	0.041	ng/ul	94
8) 1-Methylnaphthalene	12.632	142	333	0.033	ng/ul	95
10) Acenaphthylene	14.277	152	1127	0.079	ng/ul#	92
12) Fluorene	15.610	166	490	0.041	ng/ul#	90
15) Phenanthrene	17.341	178	5628	0.340	ng/ul	98
16) Anthracene	17.434	178	1617	0.129	ng/ul#	88
19) Fluoranthene	19.357	202	10947	0.683	ng/ul	99
20) Pyrene	19.715	202	9867	0.527	ng/ul#	94
21) Benzo(a)anthracene	21.495	228	3865	0.465	ng/ul#	89
22) Chrysene	21.518	228	2902m	0.295	ng/ul	
24) Benzo(b)fluoranthene	23.152	252	4539	0.622	ng/ul#	71
25) Benzo(k)fluoranthene	23.181	252	2130m	0.327	ng/ul	
26) Benzo(a)pyrene	23.769	252	2367	0.278	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	26.404	276	1900	0.185	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.401	278	229	0.031	ng/ul#	1
29) Benzo(g,h,i)perylene	27.162	276	1374	0.124	ng/ul#	60

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

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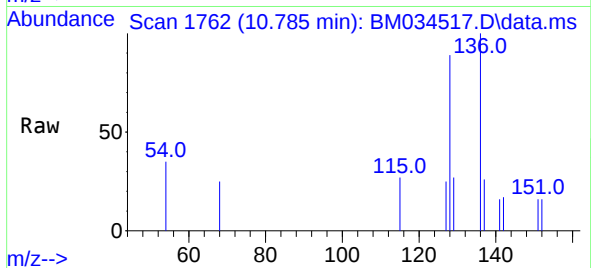
Quant Time: Apr 07 14:38:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 07 12:11:55 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.785 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31

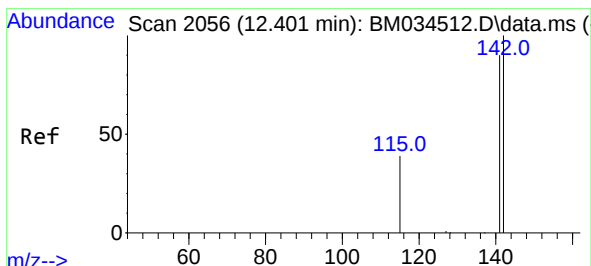
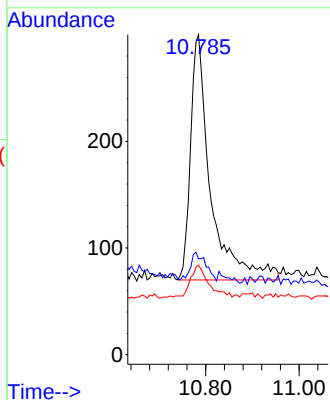
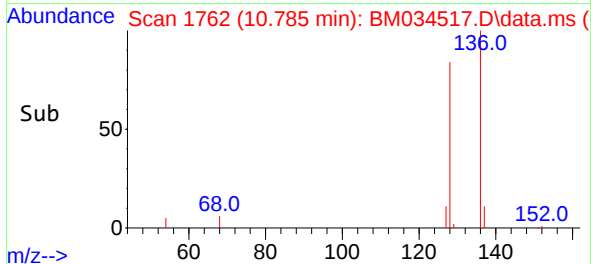
Instrument :
BNA_M
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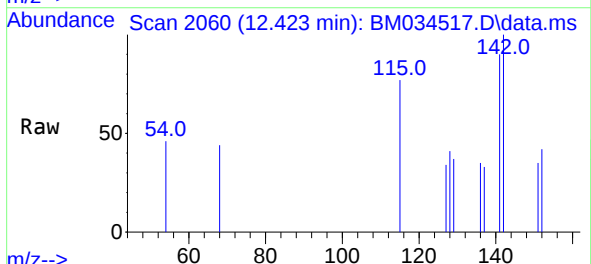
Tgt Ion:128 Resp: 68
Ion Ratio Lower Upper
128 100
129 30.0 13.4 20.2
127 28.0 15.2 22.8

Manual Integrations
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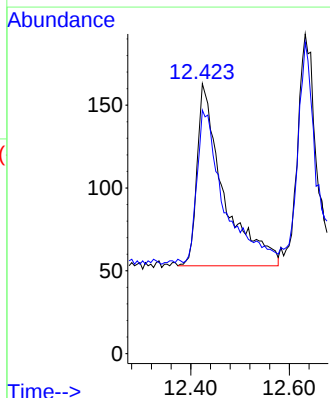
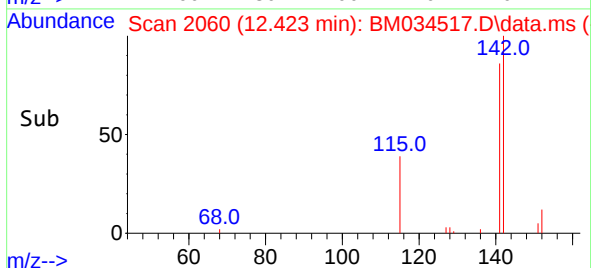
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

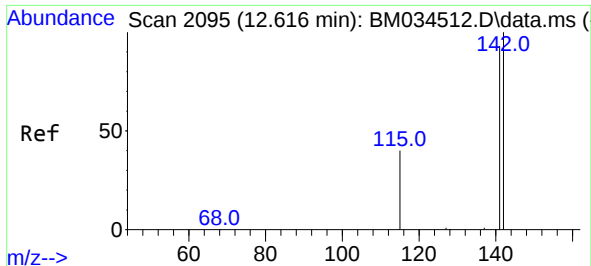


#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.423 min Scan# 2060
Delta R.T. 0.016 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31



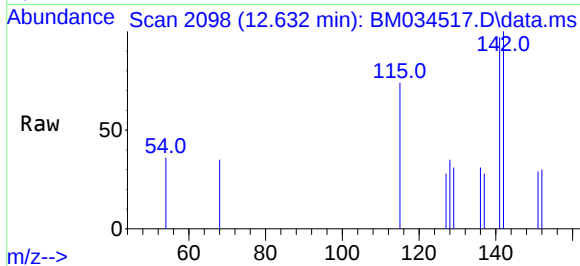
Tgt Ion:142 Resp: 411
Ion Ratio Lower Upper
142 100
141 84.4 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.033 ng/u1
RT: 12.632 min Scan# 2098
Delta R.T. 0.016 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31

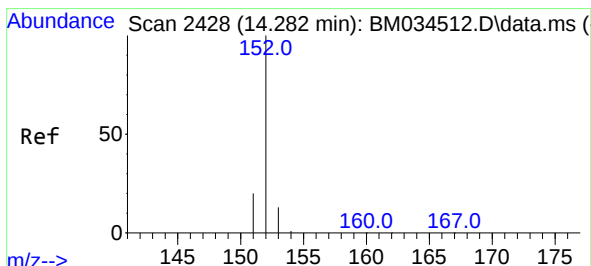
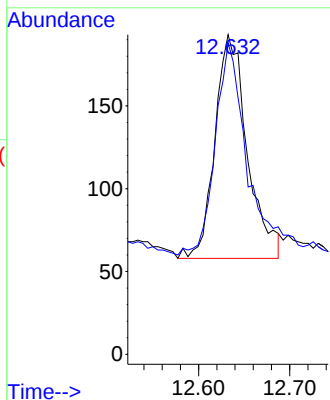
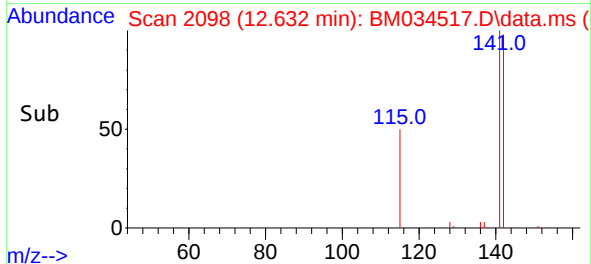
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ClientSampleId :
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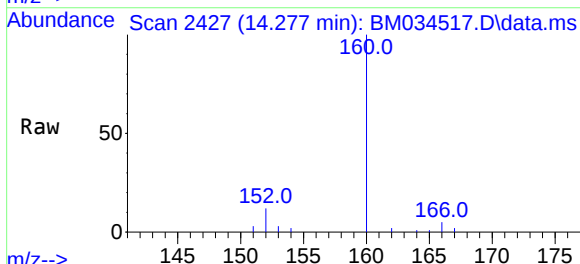
Tgt Ion:142 Resp: 333
Ion Ratio Lower Upper
142 100
141 88.9 75.0 112.4

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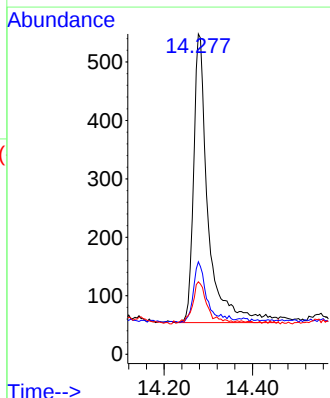
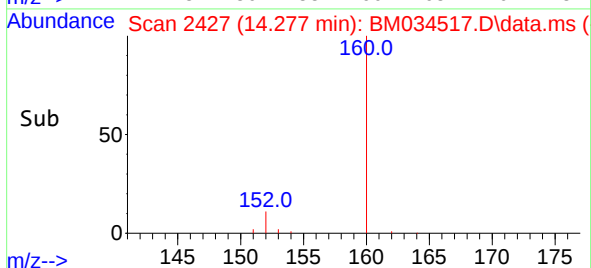
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

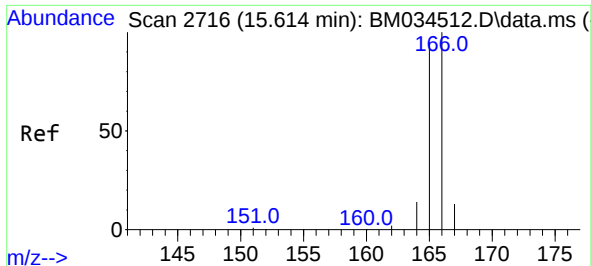


#10
Acenaphthylene
Concen: 0.079 ng/u1
RT: 14.277 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31



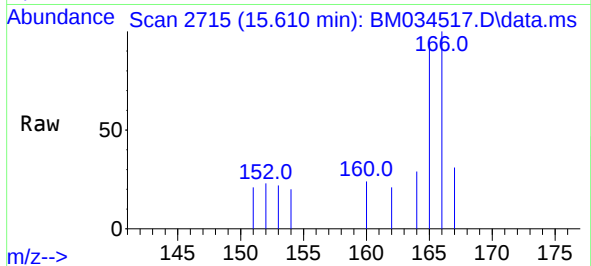
Tgt Ion:152 Resp: 1127
Ion Ratio Lower Upper
152 100
151 28.8 19.9 29.9
153 22.6 15.0 22.4#





#12
Fluorene
Concen: 0.041 ng/u1
RT: 15.610 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31

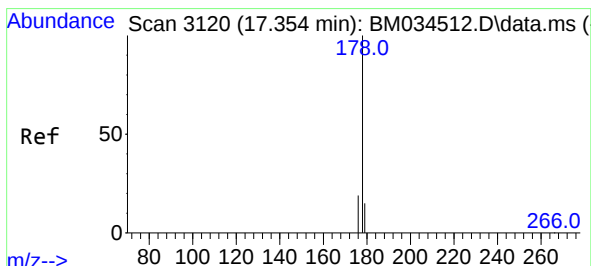
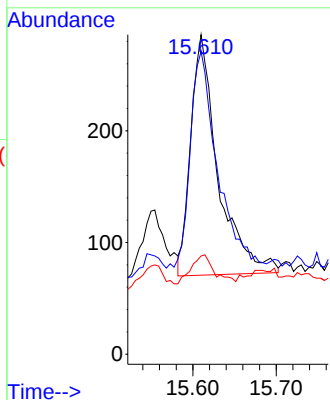
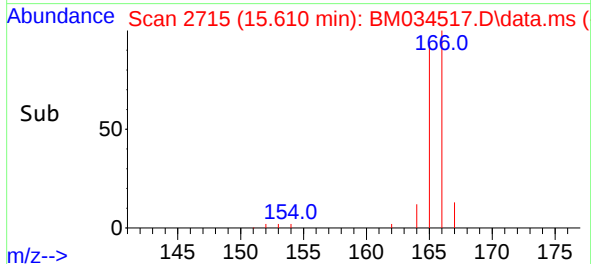
Instrument :
BNA_M
ClientSampleId :
C0R33DL



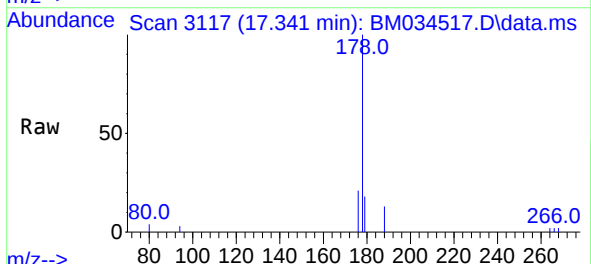
Tgt Ion:166 Resp: 490
Ion Ratio Lower Upper
166 100
165 94.8 81.1 121.7
167 30.8 14.9 22.3

Manual Integrations
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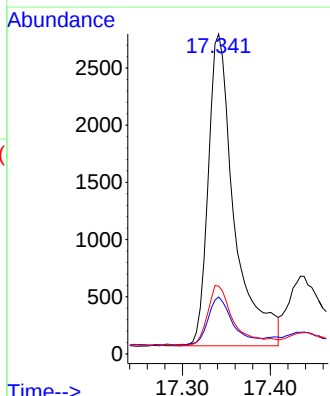
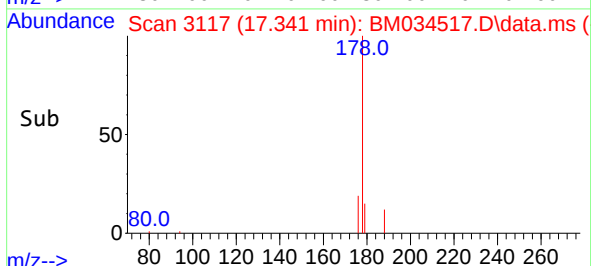
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

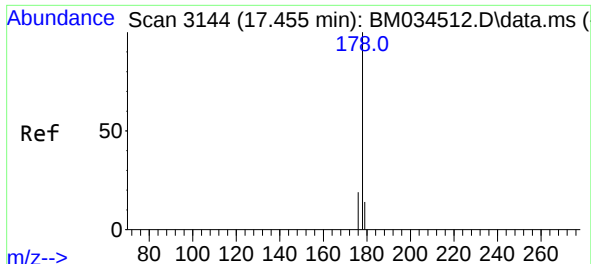


#15
Phenanthrene
Concen: 0.340 ng/u1
RT: 17.341 min Scan# 3117
Delta R.T. -0.013 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31



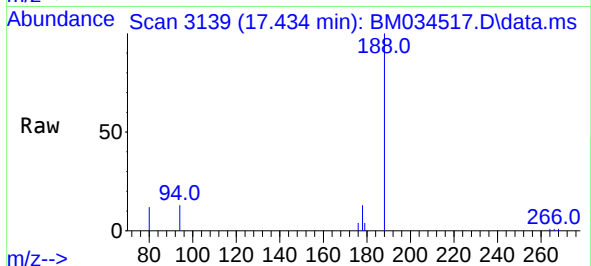
Tgt Ion:178 Resp: 5628
Ion Ratio Lower Upper
178 100
179 17.8 15.0 22.6
176 21.2 17.9 26.9





#16
 Anthracene
 Concen: 0.129 ng/ul
 RT: 17.434 min Scan# 3144
 Delta R.T. -0.017 min
 Lab File: BM034517.D
 Acq: 06 Apr 2022 15:31

Instrument :
 BNA_M
 ClientSampleId :
 C0R33DL

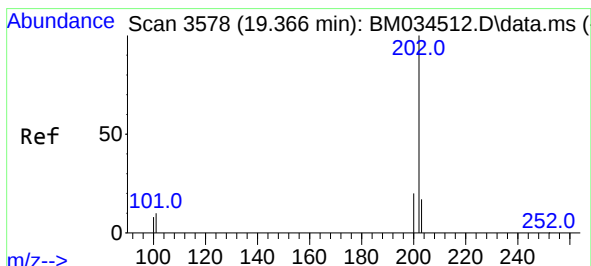
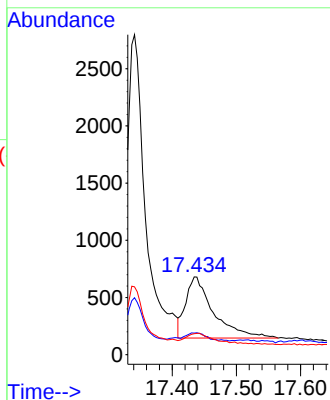
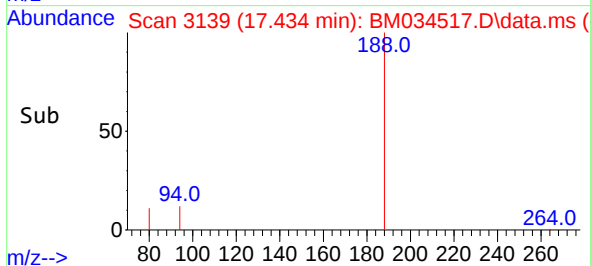


Tgt Ion:178 Resp: 161

Ion	Ratio	Lower	Upper
178	100		
179	27.8	16.5	24.7
176	26.9	18.3	27.5

Manual Integrations
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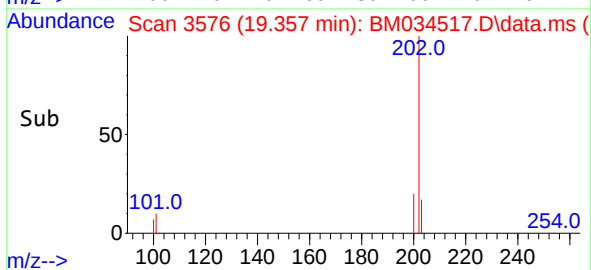
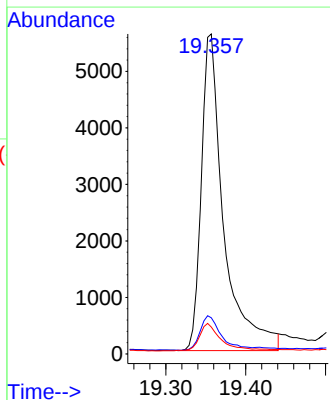
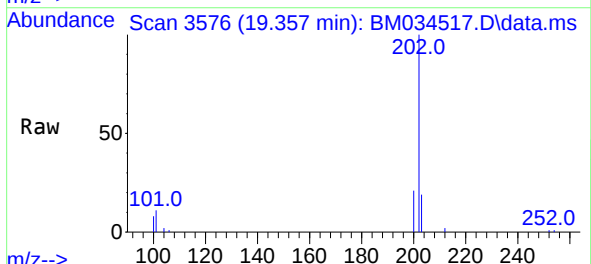
Reviewed By :Jagrut Upadhyay 04/07/2022
 Supervised By :Yogesh Patel 04/09/2022

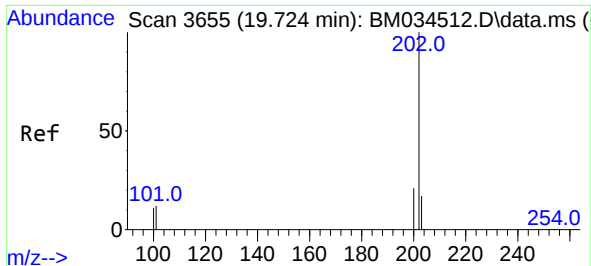


#19
 Fluoranthene
 Concen: 0.683 ng/ul
 RT: 19.357 min Scan# 3576
 Delta R.T. -0.009 min
 Lab File: BM034517.D
 Acq: 06 Apr 2022 15:31

Tgt Ion:202 Resp: 10947

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.2	13.8
100	8.4	7.2	10.8





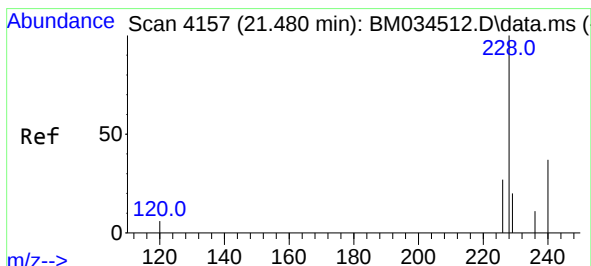
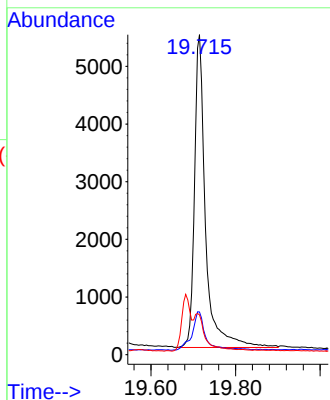
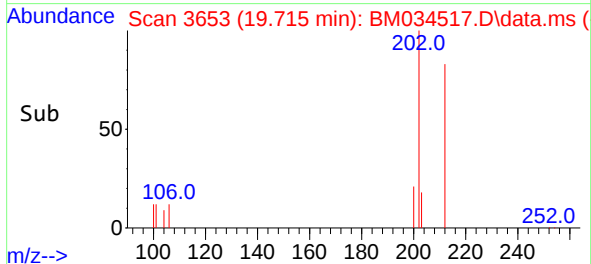
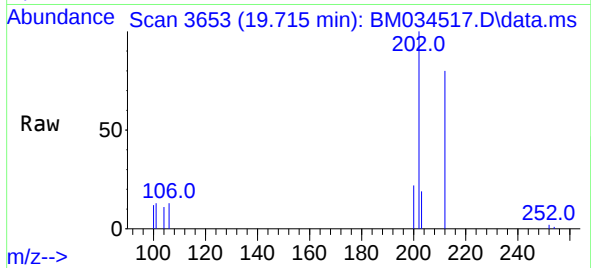
#20
Pyrene
Concen: 0.527 ng/ul
RT: 19.715 min Scan# 3653
Delta R.T. -0.009 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31

Instrument :
BNA_M
ClientSampleId :
C0R33DL

Tgt Ion:202 Resp: 986
Ion Ratio Lower Upper
202 100
101 13.3 9.3 13.9
100 12.4 7.8 11.6

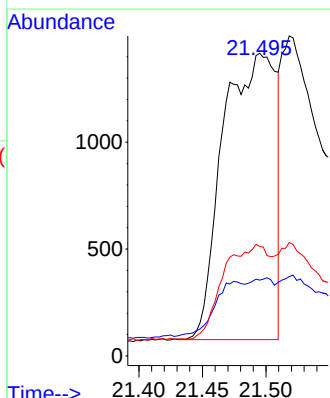
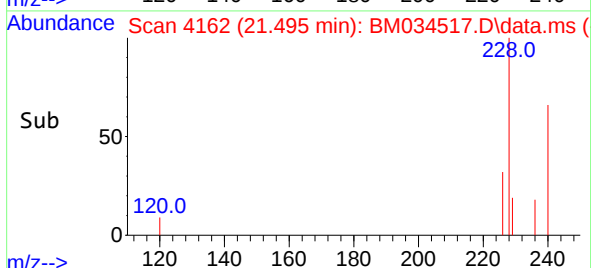
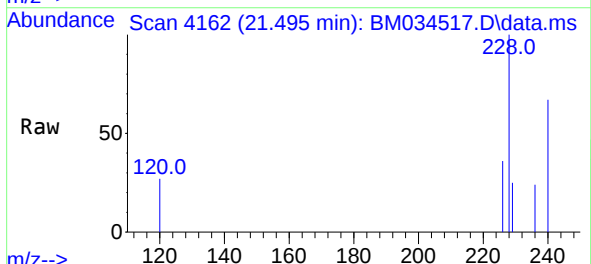
Manual Integrations
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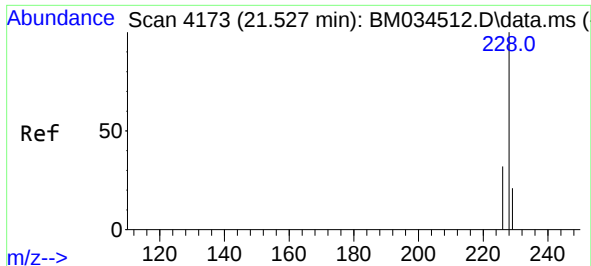
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#21
Benzo(a)anthracene
Concen: 0.465 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. 0.015 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31

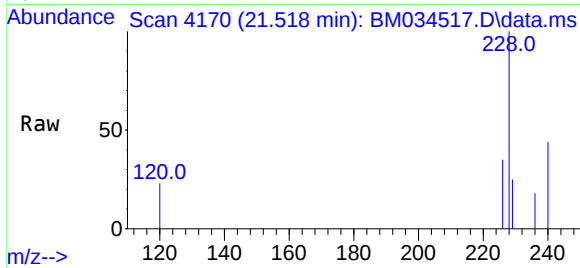
Tgt Ion:228 Resp: 3865
Ion Ratio Lower Upper
228 100
229 25.1 17.3 25.9
226 36.2 23.2 34.8





#22
Chrysene
Concen: 0.295 ng/ul m
RT: 21.518 min Scan# 4170
Delta R.T. -0.009 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31

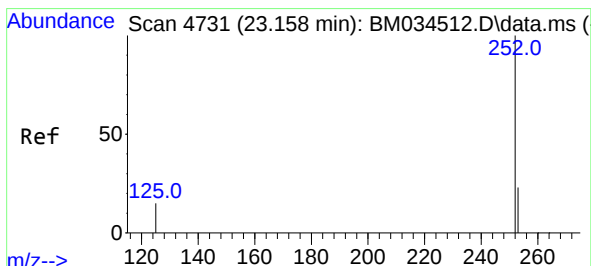
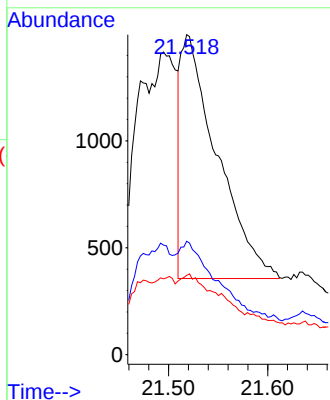
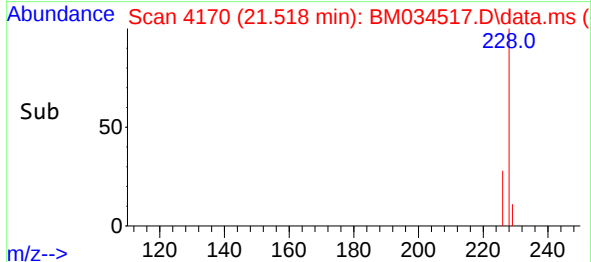
Instrument :
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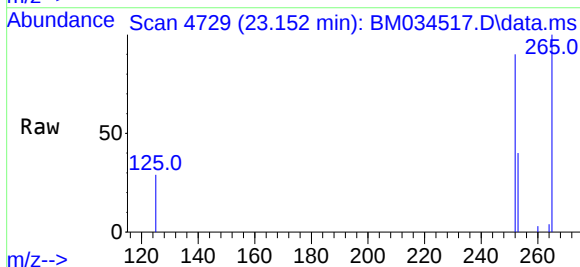
Tgt Ion:228 Resp: 290
Ion Ratio Lower Upper
228 100
226 35.5 25.8 38.8
229 24.8 16.7 25.1

Manual Integrations
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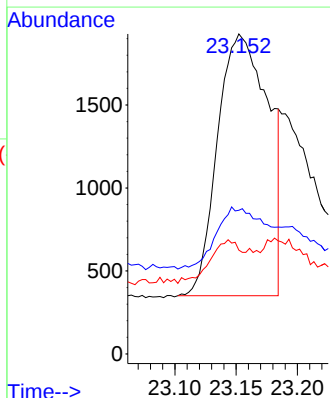
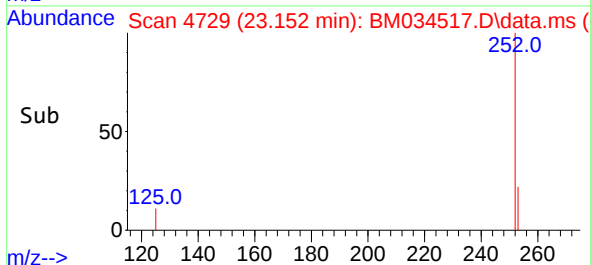
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

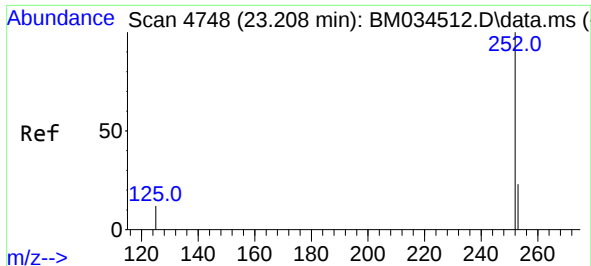


#24
Benzo(b)fluoranthene
Concen: 0.622 ng/ul
RT: 23.152 min Scan# 4729
Delta R.T. -0.009 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31



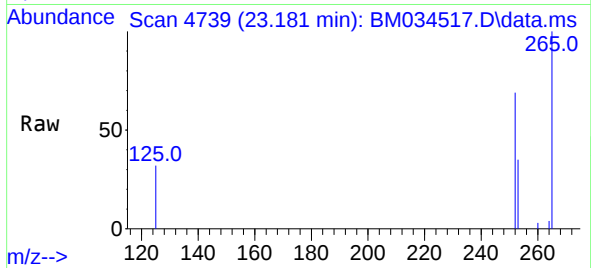
Tgt Ion:252 Resp: 4539
Ion Ratio Lower Upper
252 100
253 44.9 0.0 64.2
125 32.5 0.0 28.8#





#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul m
RT: 23.181 min Scan# 4739
Delta R.T. -0.030 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31

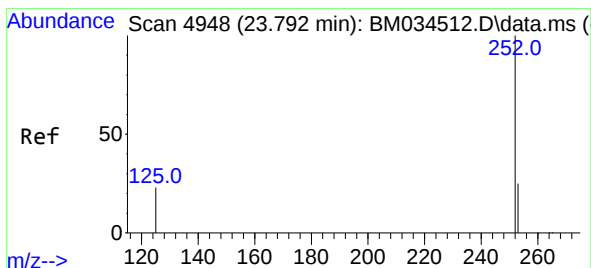
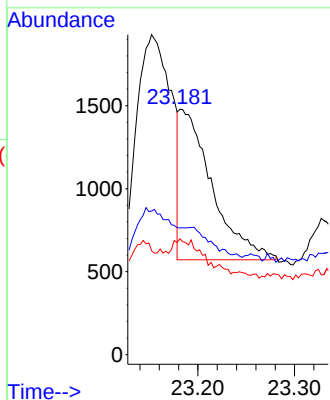
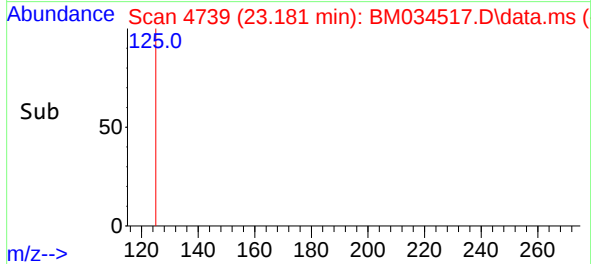
Instrument :
BNA_M
ClientSampleId :
C0R33DL



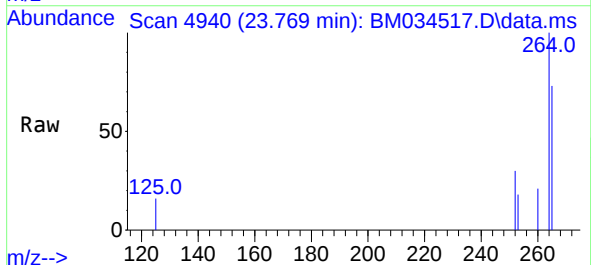
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Ion Ratio Lower Upper
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253 51.6 26.8 40.2
125 47.2 12.0 18.0

Manual Integrations
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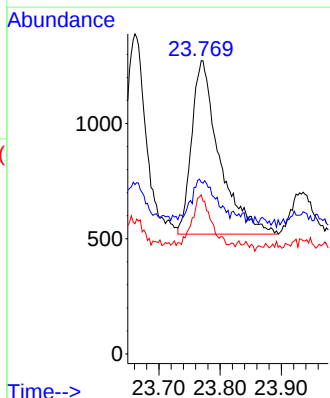
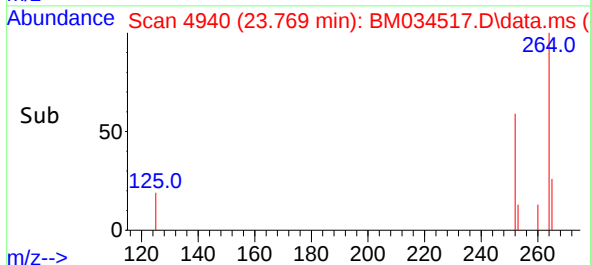
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

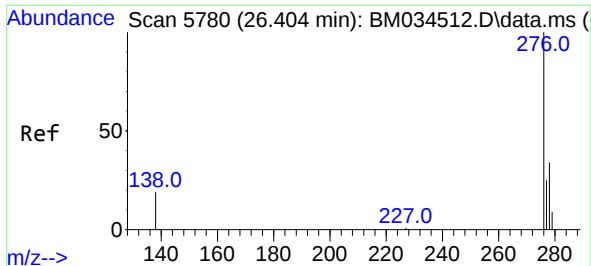


#26
Benzo(a)pyrene
Concen: 0.278 ng/ul
RT: 23.769 min Scan# 4940
Delta R.T. -0.026 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31



Tgt Ion:252 Resp: 2367
Ion Ratio Lower Upper
252 100
253 58.5 32.0 48.0#
125 54.2 14.5 21.7#





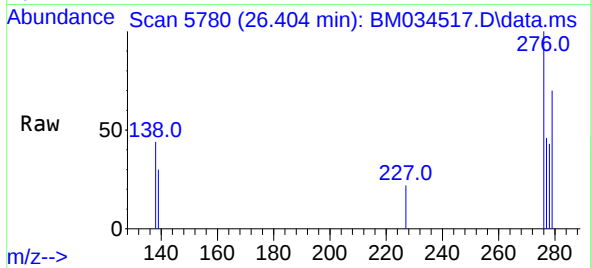
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.185 ng/ul
RT: 26.404 min Scan# 5780
Delta R.T. -0.007 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31

Instrument :

BNA_M

ClientSampleId :

C0R33DL

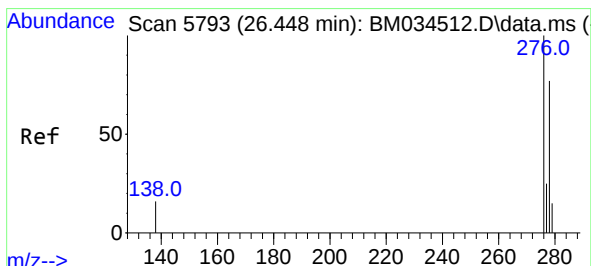
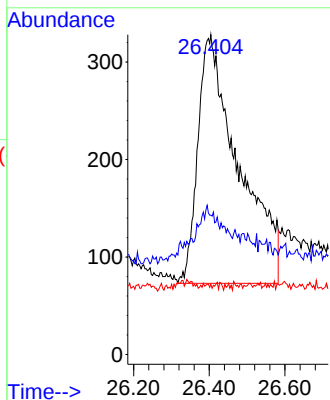
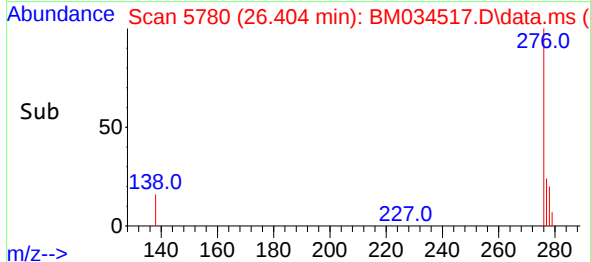


Tgt Ion:276 Resp: 1900
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6
227 0.2 0.0 0.0

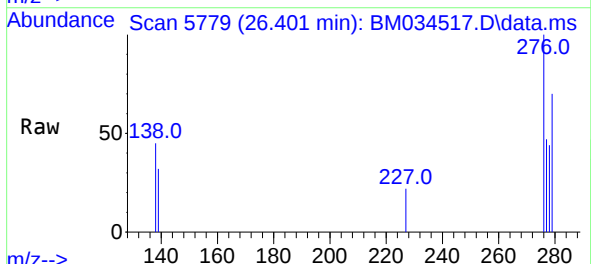
Manual Integrations

APPROVED

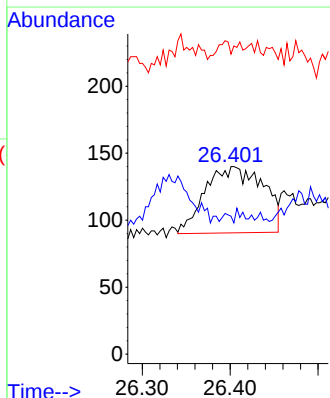
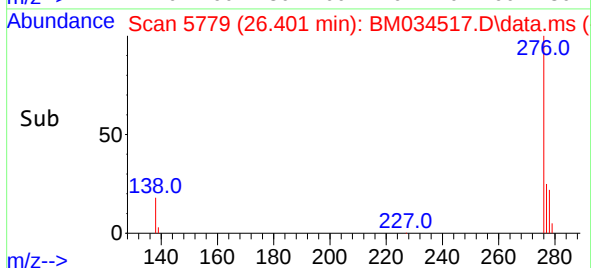
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

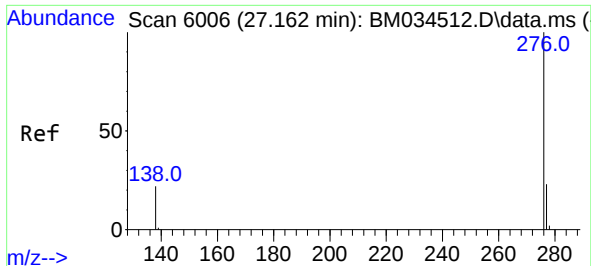


#28
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 26.401 min Scan# 5779
Delta R.T. -0.060 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31



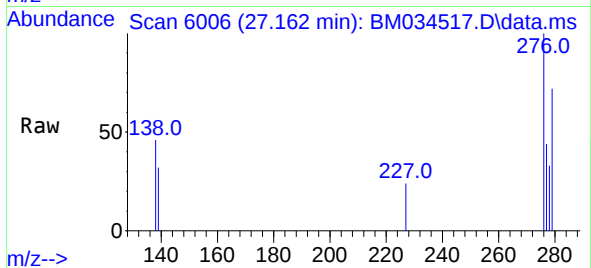
Tgt Ion:278 Resp: 229
Ion Ratio Lower Upper
278 100
139 73.6 18.0 27.0#
279 160.0 28.6 42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 27.162 min Scan# 6006
Delta R.T. -0.007 min
Lab File: BM034517.D
Acq: 06 Apr 2022 15:31

Instrument :
BNA_M
ClientSampleId :
C0R33DL



Tgt Ion:	276	Resp:	1374
Ion	Ratio	Lower	Upper
276	100		
138	46.0	17.4	26.0
277	44.3	22.6	33.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

