

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035090.D
 Acq On : 15 May 2022 06:34
 Operator : CG/JU
 Sample : N2632-12DL 5X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4B4DL

Manual Integrations
 APPROVED

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

Quant Time: May 16 00:56:09 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	4455	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	13874	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.547	164	9062	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	20171	0.400	ng/ul #	0.00
17) Chrysene-d12	21.471	240	17002	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	14530	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	2589	0.485	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	818	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	2624	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.612	153	1416	0.037	ng/ul	97
12) Fluorene	15.597	166	1455	0.032	ng/ul	99
15) Phenanthrene	17.334	178	25300	0.329	ng/ul	94
16) Anthracene	17.423	178	6430	0.092	ng/ul	94
19) Fluoranthene	19.350	202	51323	0.538	ng/ul#	94
20) Pyrene	19.707	202	43960	0.453	ng/ul	99
21) Benzo(a)anthracene	21.456	228	21696	0.276	ng/ul	100
22) Chrysene	21.509	228	19819	0.242	ng/ul	98
24) Benzo(b)fluoranthene	23.134	252	25817	0.339	ng/ul	91
25) Benzo(k)fluoranthene	23.175	252	6760m	0.093	ng/ul	
26) Benzo(a)pyrene	23.751	252	16417	0.237	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.323	276	9558	0.139	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.333	278	2355	0.043	ng/ul#	14
29) Benzo(g,h,i)perylene	27.084	276	7698	0.130	ng/ul#	92

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

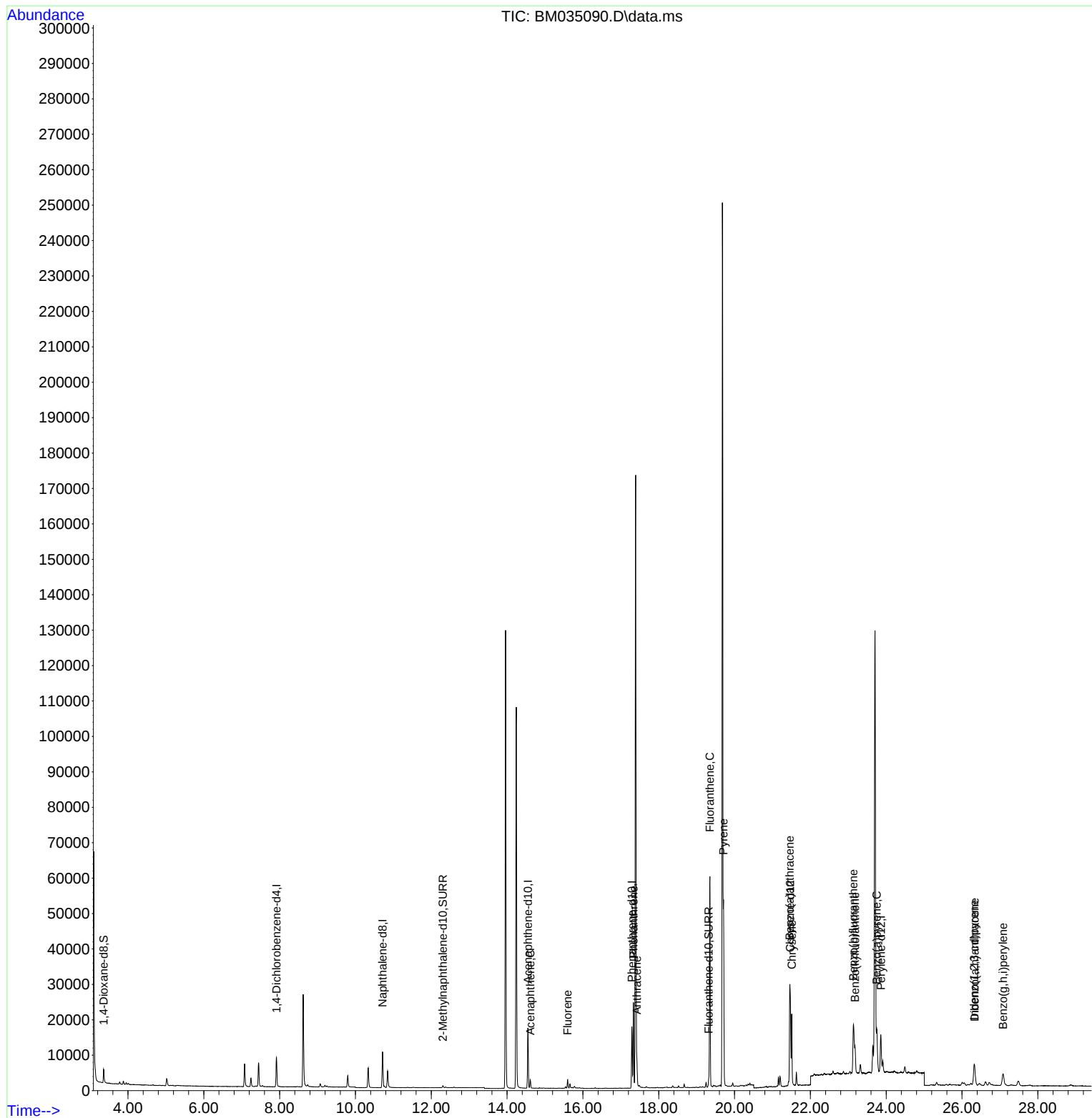
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035090.D
Acq On : 15 May 2022 06:34
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ALS Vial : 66 Sample Multiplier: 1

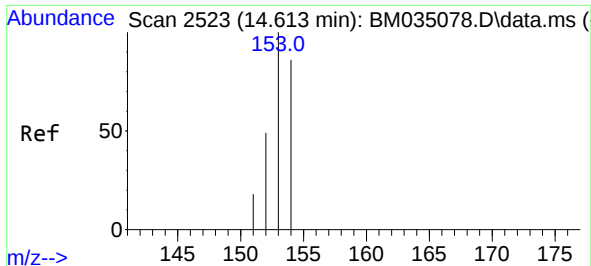
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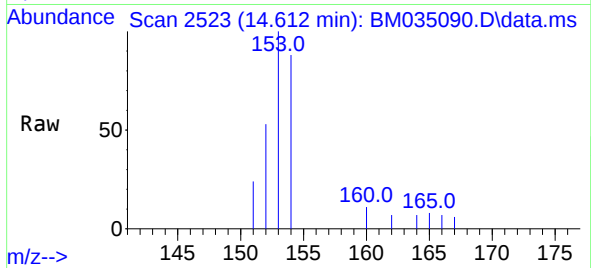
Quant Time: May 16 00:56:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
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#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.612 min Scan# 2523
Delta R.T. -0.005 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34

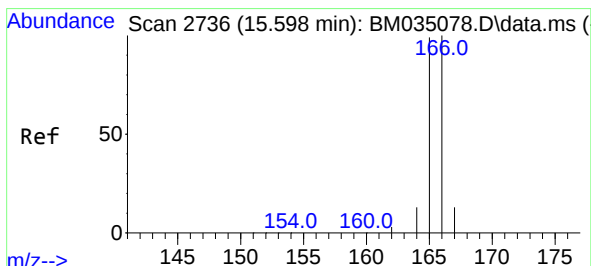
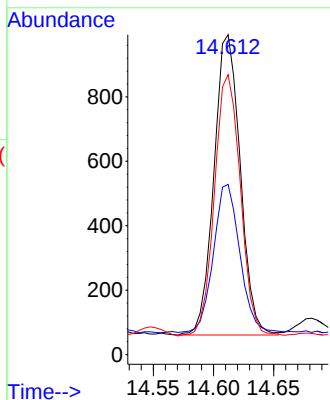
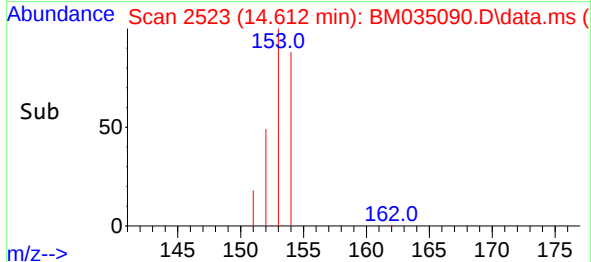
Instrument :
BNA_M
ClientSampleId :
EW4B4DL



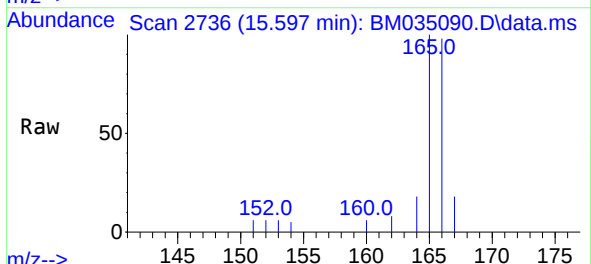
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Ion Ratio Lower Upper
153 100
152 53.2 42.4 63.6
154 87.5 66.2 99.2

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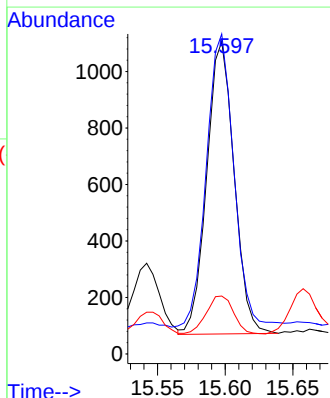
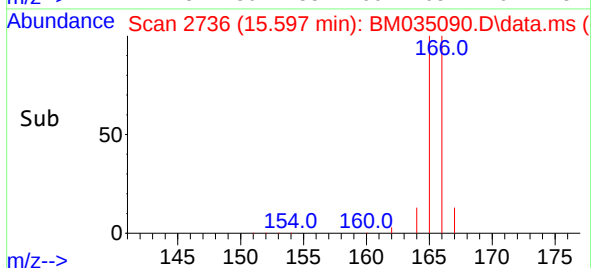
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

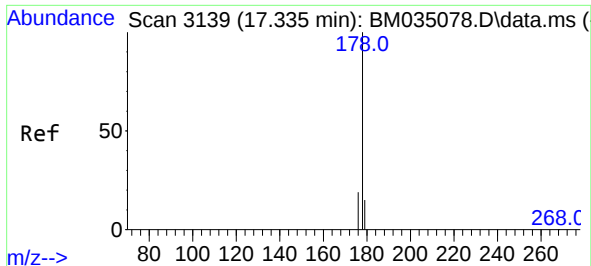


#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34



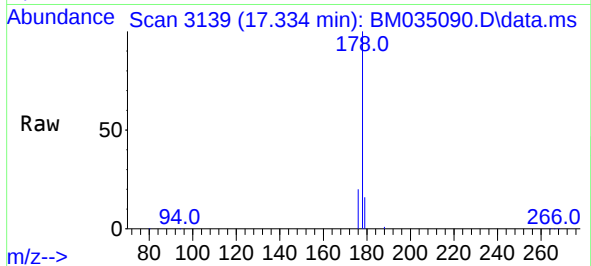
Tgt Ion:166 Resp: 1455
Ion Ratio Lower Upper
166 100
165 102.4 81.1 121.7
167 18.5 14.9 22.3





#15
Phenanthrene
Concen: 0.329 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34

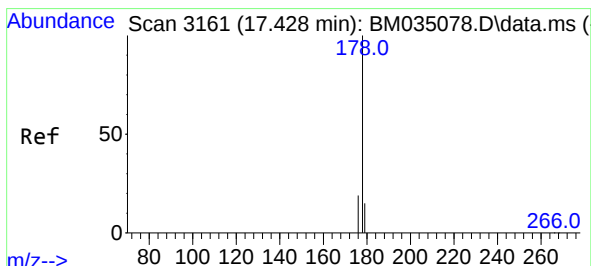
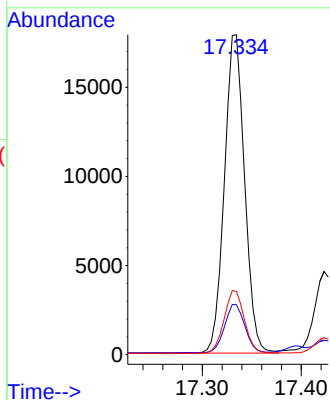
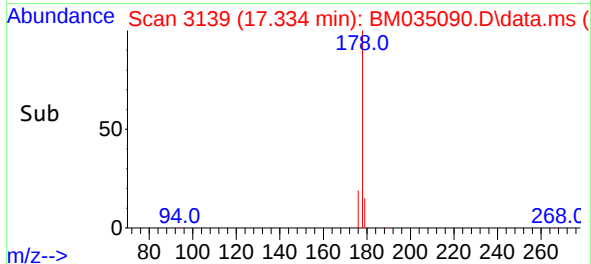
Instrument :
BNA_M
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EW4B4DL



Tgt Ion:178 Resp: 25300
Ion Ratio Lower Upper
178 100
179 15.6 15.0 22.6
176 19.7 17.9 26.9

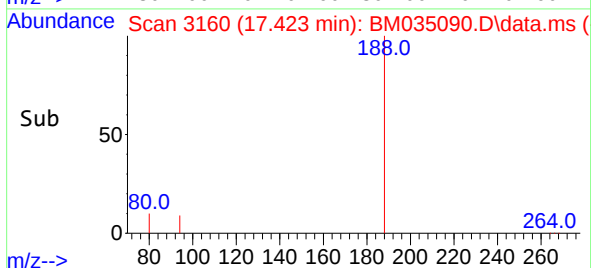
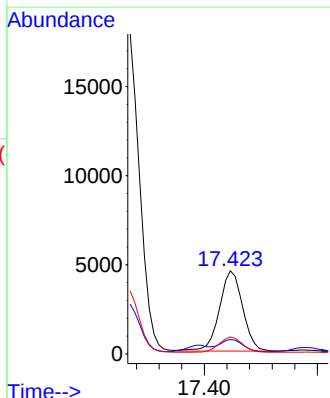
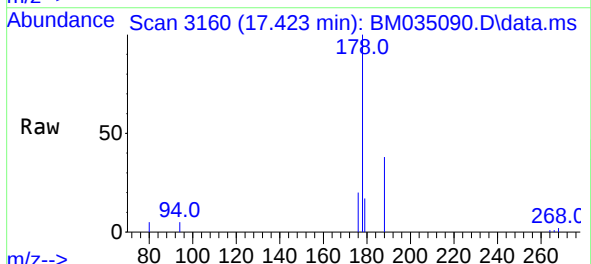
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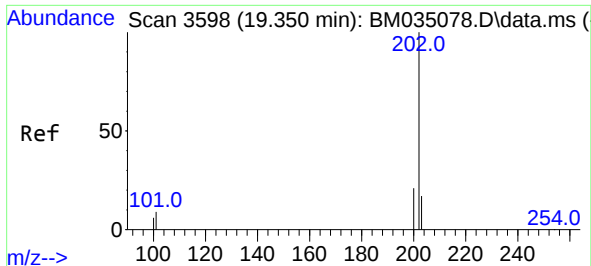
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#16
Anthracene
Concen: 0.092 ng/u1
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34

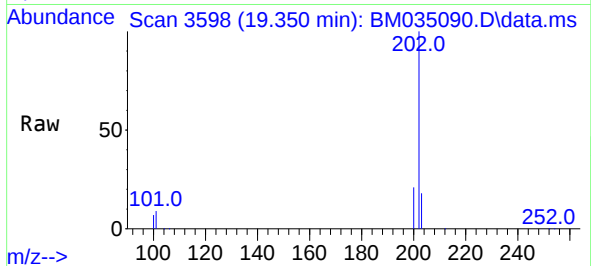
Tgt Ion:178 Resp: 6430
Ion Ratio Lower Upper
178 100
179 17.4 16.5 24.7
176 20.3 18.3 27.5





#19
Fluoranthene
Concen: 0.538 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34

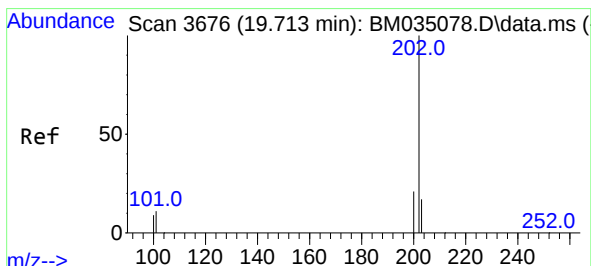
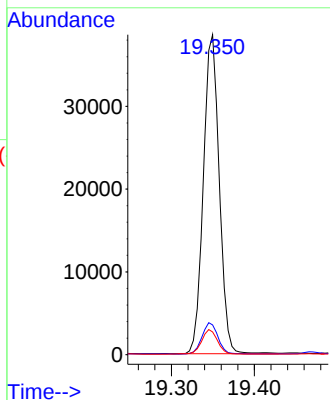
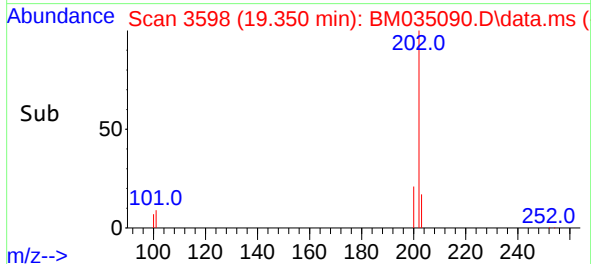
Instrument :
BNA_M
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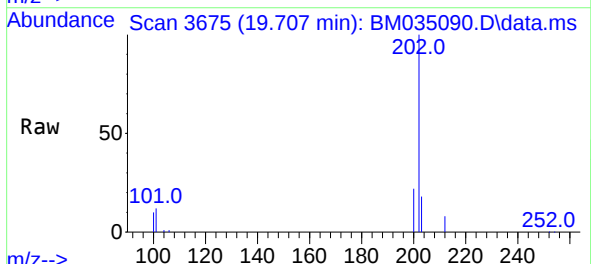
Tgt Ion:202 Resp: 5132
Ion Ratio Lower Upper
202 100
101 9.3 9.2 13.8
100 7.1 7.2 10.8

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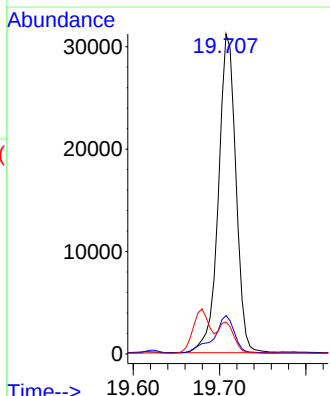
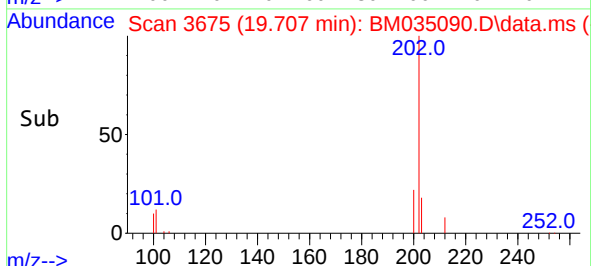
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

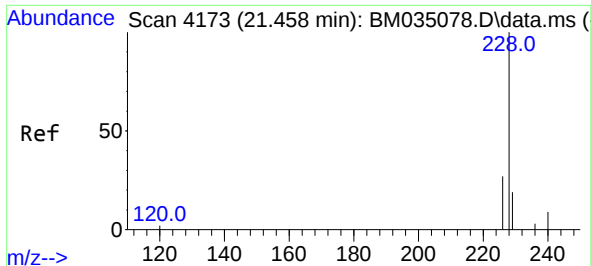


#20
Pyrene
Concen: 0.453 ng/u1
RT: 19.707 min Scan# 3675
Delta R.T. -0.005 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34



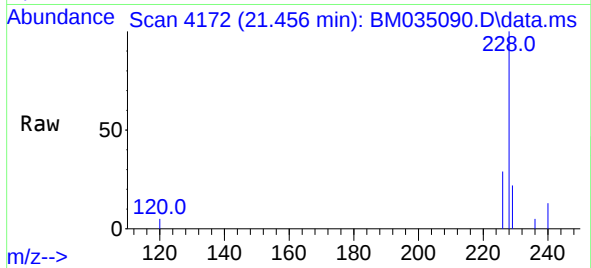
Tgt Ion:202 Resp: 43960
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 10.0 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.276 ng/u1
RT: 21.456 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34

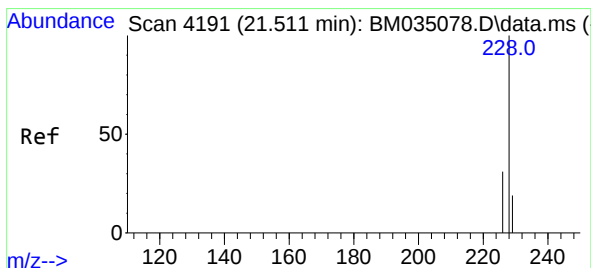
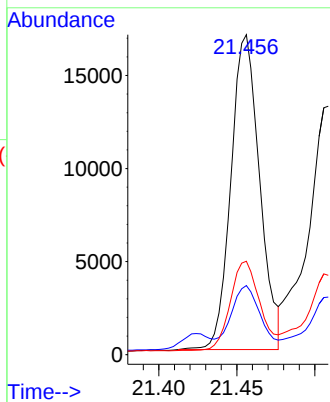
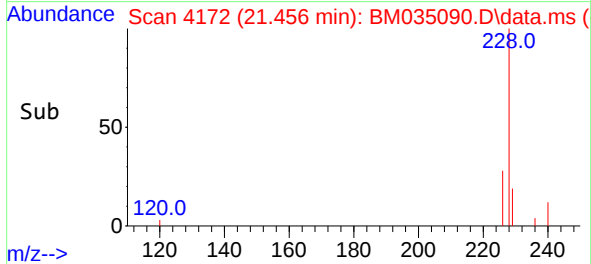
Instrument :
BNA_M
ClientSampleId :
EW4B4DL



Tgt Ion:228 Resp: 21690
Ion Ratio Lower Upper
228 100
229 21.6 17.3 25.9
226 29.2 23.2 34.8

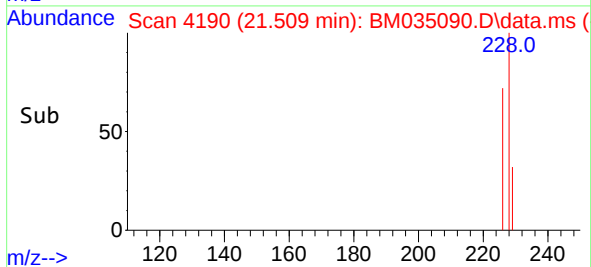
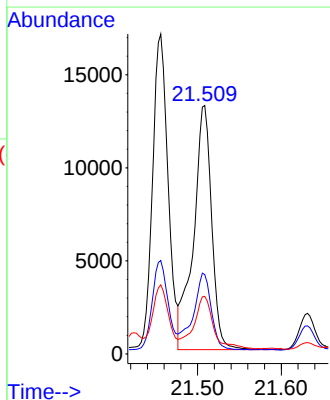
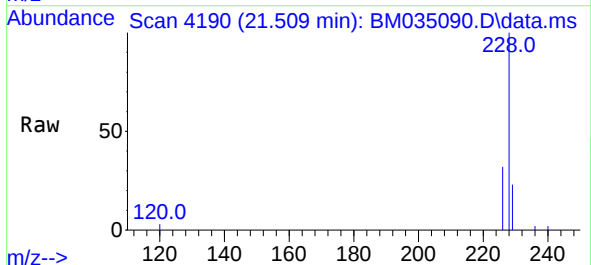
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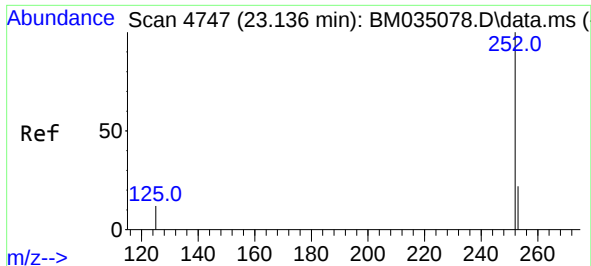
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#22
Chrysene
Concen: 0.242 ng/u1
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34

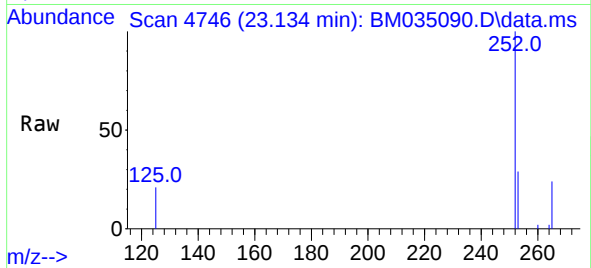
Tgt Ion:228 Resp: 19819
Ion Ratio Lower Upper
228 100
226 31.9 25.8 38.8
229 23.2 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 23.134 min Scan# 4747
Delta R.T. 0.000 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34

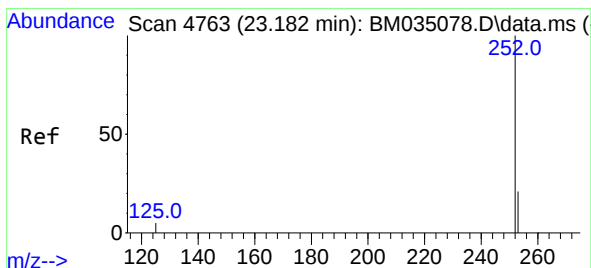
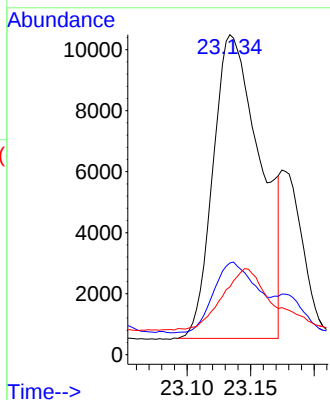
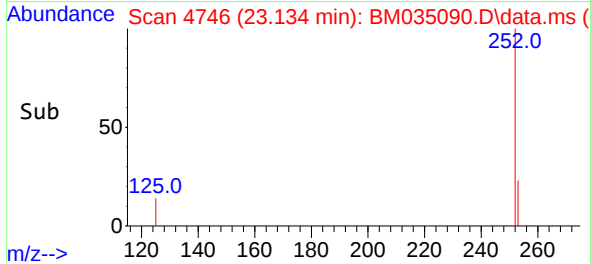
Instrument :
BNA_M
ClientSampleId :
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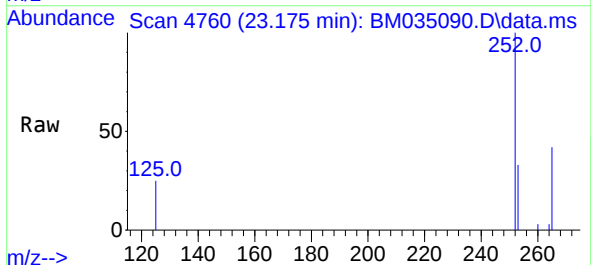
Tgt Ion:252 Resp: 2581
Ion Ratio Lower Upper
252 100
253 28.7 0.0 64.2
125 21.2 0.0 28.8

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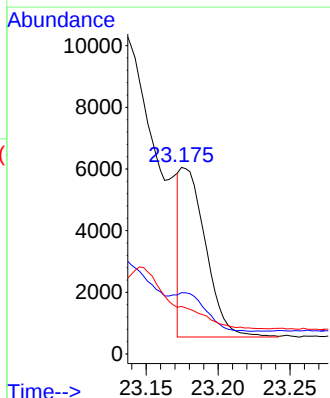
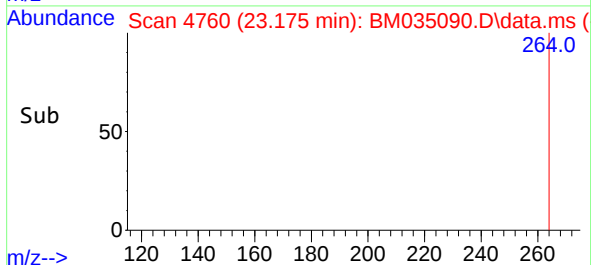
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

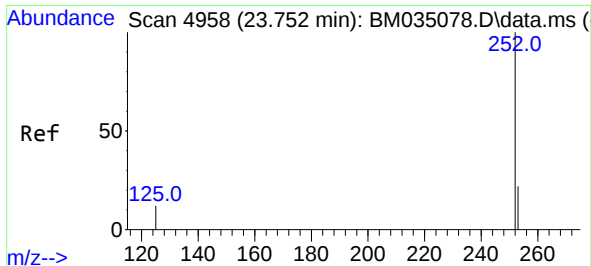


#25
Benzo(k)fluoranthene
Concen: 0.093 ng/ul m
RT: 23.175 min Scan# 4760
Delta R.T. -0.006 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34



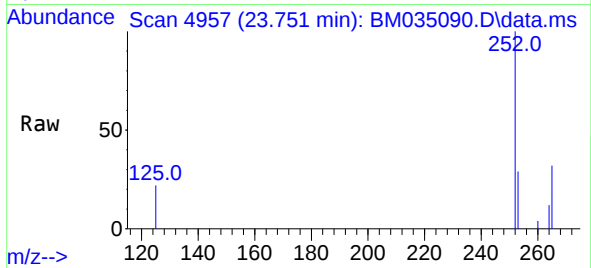
Tgt Ion:252 Resp: 6760
Ion Ratio Lower Upper
252 100
253 32.8 26.8 40.2
125 25.5 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.237 ng/ul
RT: 23.751 min Scan# 4958
Delta R.T. 0.000 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34

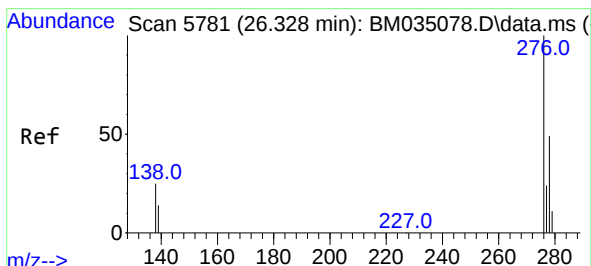
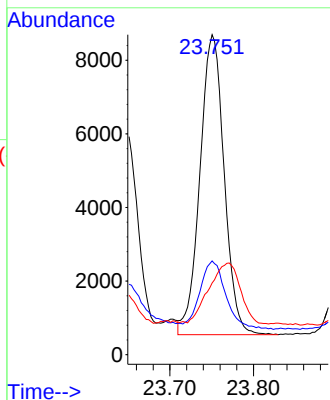
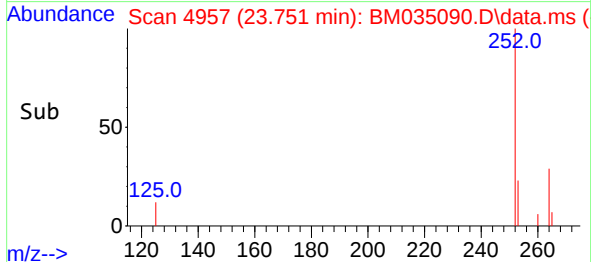
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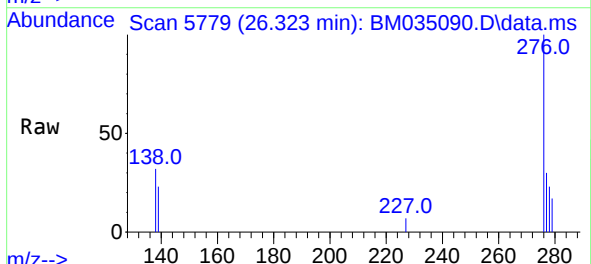
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253 29.3 32.0 48.0#
125 22.4 14.5 21.7#

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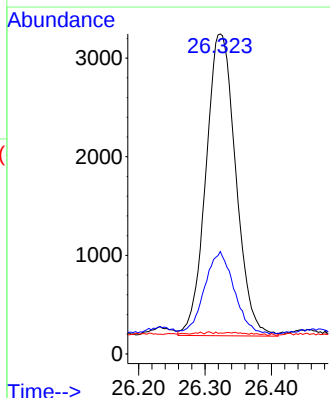
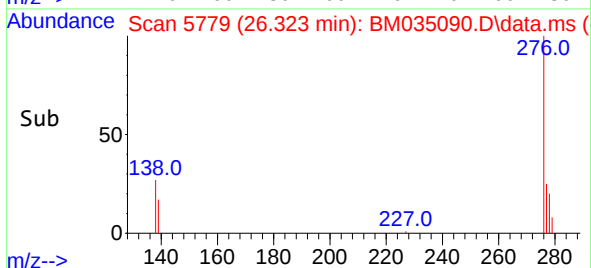
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

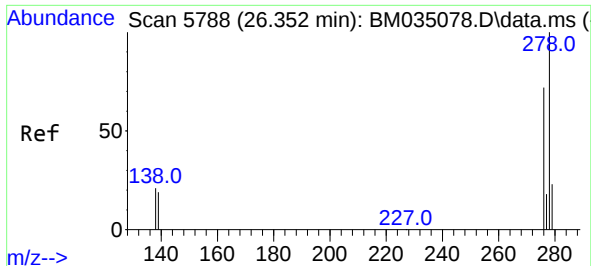


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.139 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34



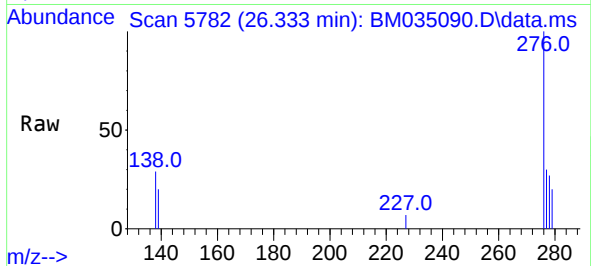
Tgt Ion:276 Resp: 9558
Ion Ratio Lower Upper
276 100
138 26.6 15.8 23.6#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 26.333 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34

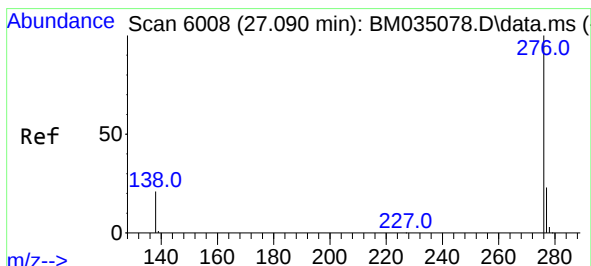
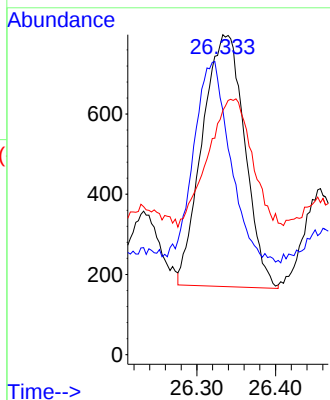
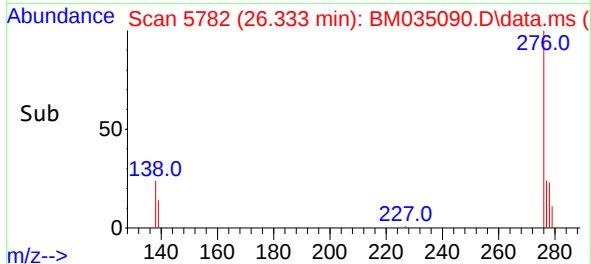
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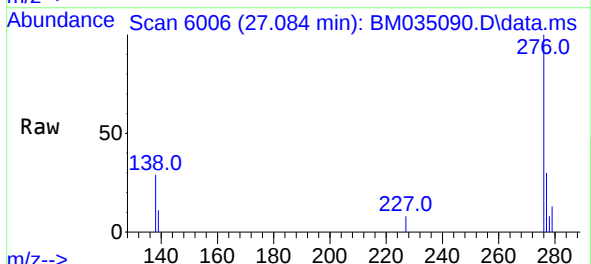
Tgt Ion:278 Resp: 235
Ion Ratio Lower Upper
278 100
139 76.4 18.0 27.0
279 76.3 28.6 42.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.130 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. 0.003 min
Lab File: BM035090.D
Acq: 15 May 2022 06:34



Tgt Ion:276 Resp: 7698
Ion Ratio Lower Upper
276 100
138 28.8 17.4 26.0
277 30.0 22.6 33.8

