

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035668.D
 Acq On : 24 Jun 2022 19:11
 Operator : CG/JU
 Sample : N3292-01DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4P2DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
 Supervised By :Yogesh Patel 06/28/2022

Quant Time: Jun 25 08:21:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	4281	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.655	136	12418	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.469	164	7336m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	12767	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	9280	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	8354	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	3086	0.512	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	576	0.031	ng/ul	0.07
18) Fluoranthene-d10	19.248	212	1140	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.530	153	1603	0.052	ng/ul	98
12) Fluorene	15.529	166	1292	0.037	ng/ul#	93
15) Phenanthrene	17.263	178	20882	0.446	ng/ul	99
16) Anthracene	17.356	178	5813	0.142	ng/ul#	92
19) Fluoranthene	19.276	202	33719	0.711	ng/ul	99
20) Pyrene	19.629	202	30364	0.611	ng/ul	99
21) Benzo(a)anthracene	21.405	228	9996	0.285	ng/ul#	96
22) Chrysene	21.449	228	10204	0.244	ng/ul	97
24) Benzo(b)fluoranthene	23.045	252	11177	0.306	ng/ul	89
25) Benzo(k)fluoranthene	23.089	252	6237m	0.164	ng/ul	
26) Benzo(a)pyrene	23.647	252	7548	0.199	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.235	276	5538	0.127	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.245	278	1275	0.036	ng/ul#	1
29) Benzo(g,h,i)perylene	26.976	276	4646	0.119	ng/ul#	82

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

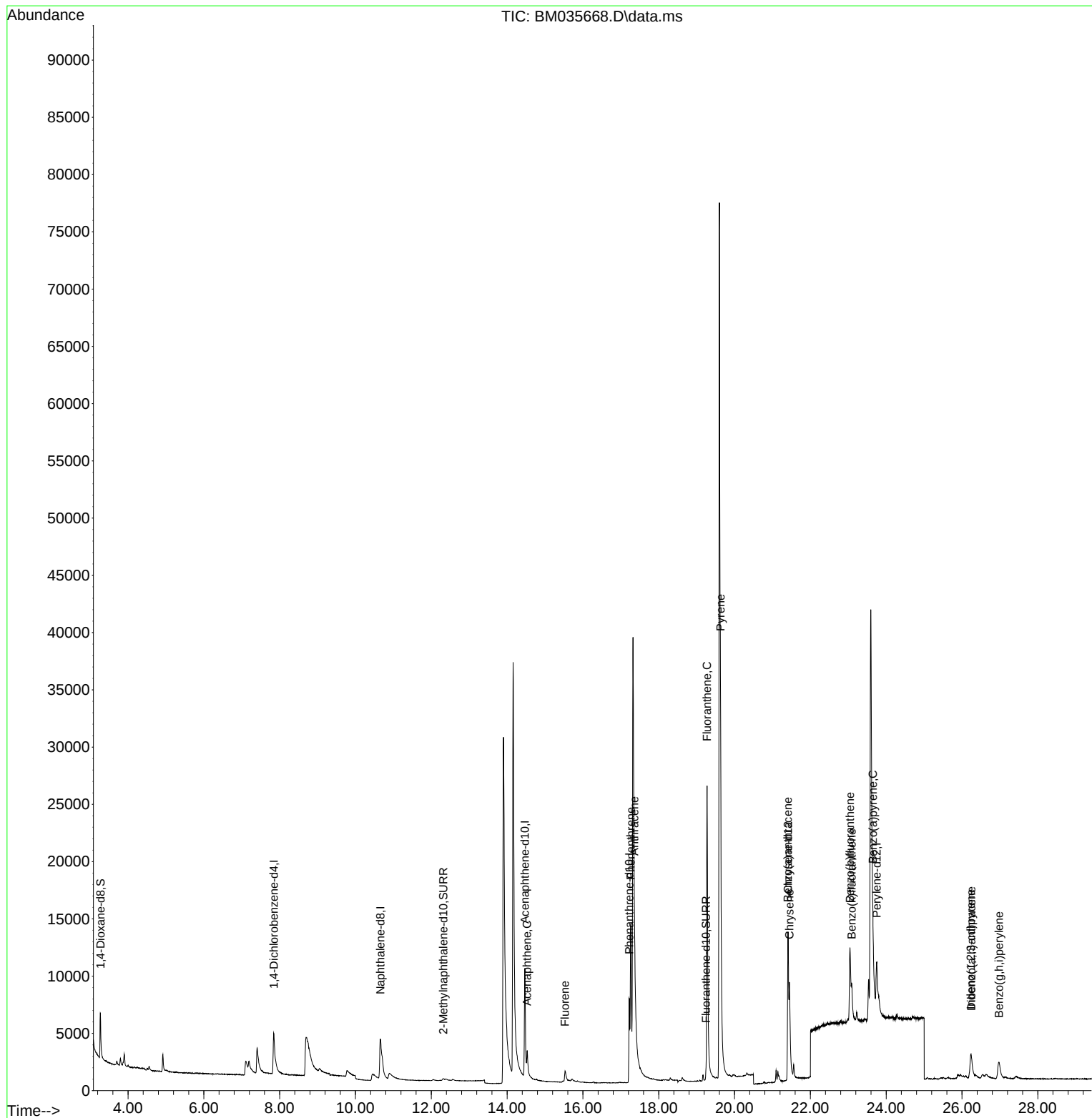
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
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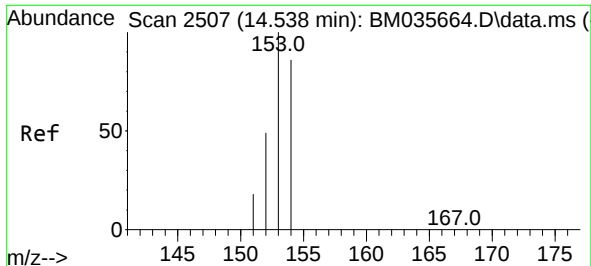
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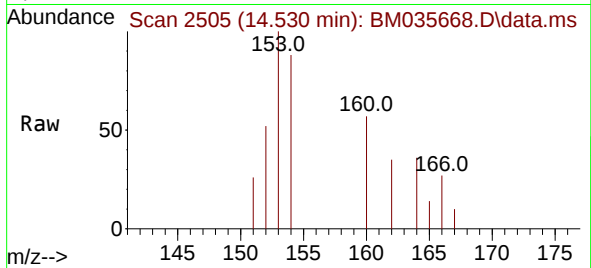
Quant Time: Jun 25 08:21:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.052 ng/ul
RT: 14.530 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035668.D
Acq: 24 Jun 2022 19:11

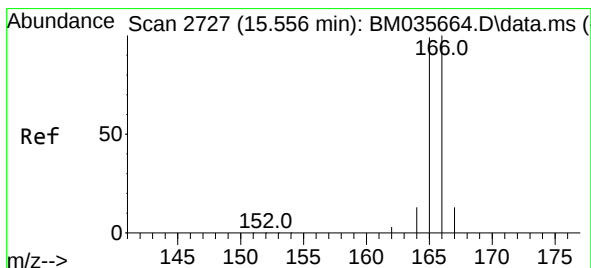
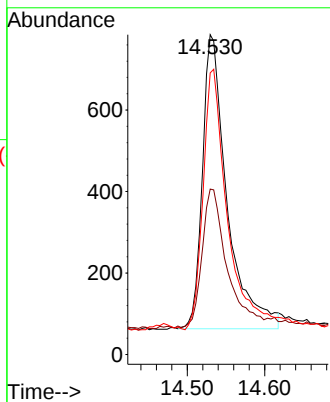
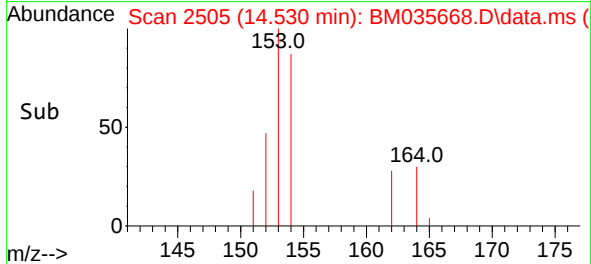
Instrument :
BNA_M
ClientSampleId :
EW4P2DL



Tgt Ion:153 Resp: 160
Ion Ratio Lower Upper
153 100
152 51.7 40.0 60.0
154 88.0 69.1 103.7

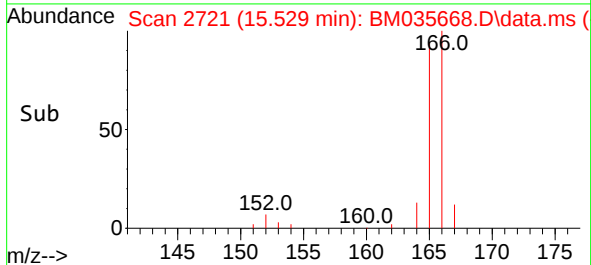
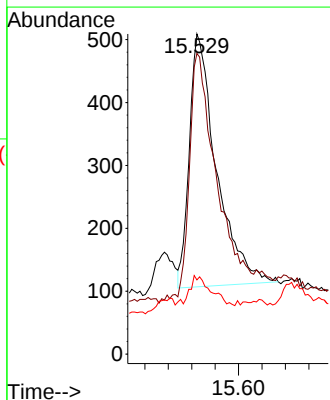
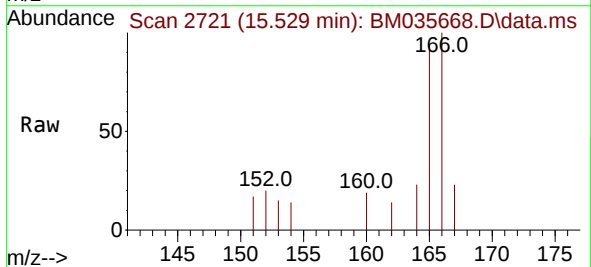
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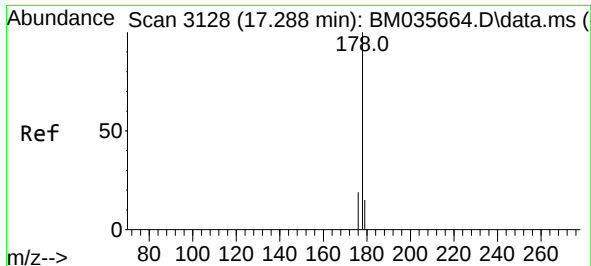
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.529 min Scan# 2721
Delta R.T. -0.009 min
Lab File: BM035668.D
Acq: 24 Jun 2022 19:11

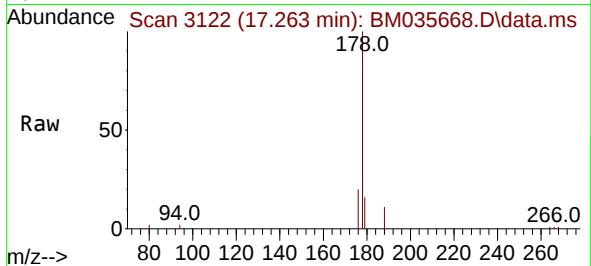
Tgt Ion:166 Resp: 1292
Ion Ratio Lower Upper
166 100
165 93.9 78.7 118.1
167 23.2 11.6 17.4#





#15
Phenanthrene
Concen: 0.446 ng/ul
RT: 17.263 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BM035668.D
Acq: 24 Jun 2022 19:11

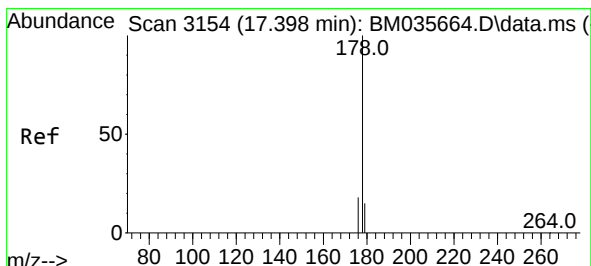
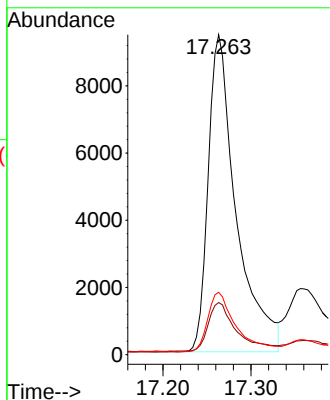
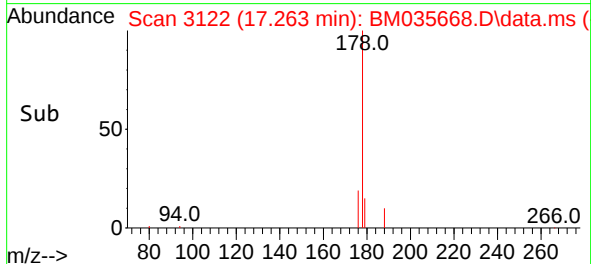
Instrument :
BNA_M
ClientSampleId :
EW4P2DL



Tgt Ion:178 Resp: 2088
Ion Ratio Lower Upper
178 100
179 16.3 13.2 19.8
176 19.5 16.2 24.4

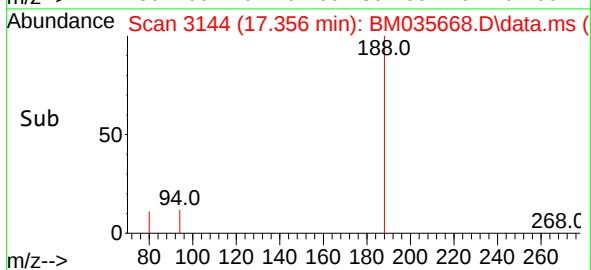
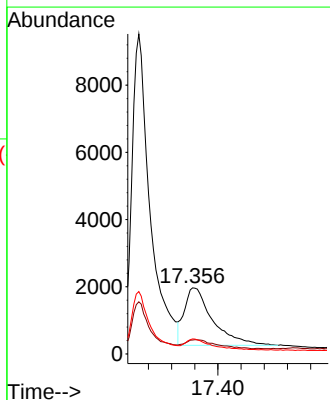
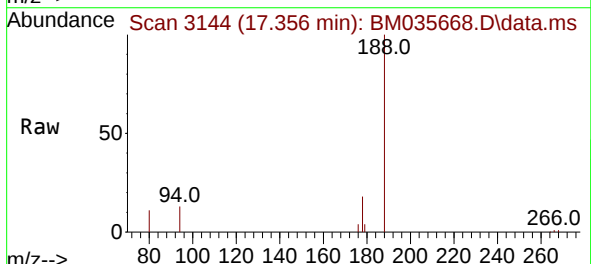
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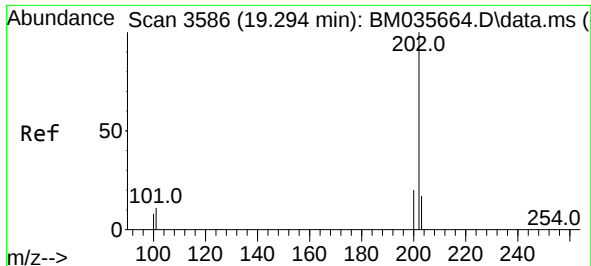
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#16
Anthracene
Concen: 0.142 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. -0.017 min
Lab File: BM035668.D
Acq: 24 Jun 2022 19:11

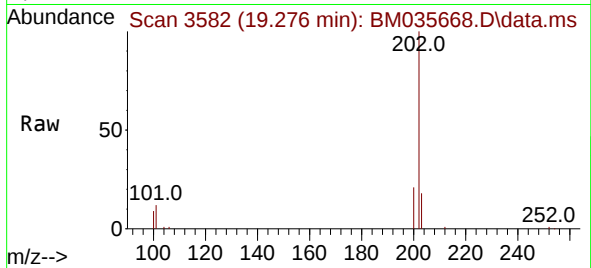
Tgt Ion:178 Resp: 5813
Ion Ratio Lower Upper
178 100
179 21.0 13.4 20.0#
176 22.7 15.9 23.9





#19
Fluoranthene
Concen: 0.711 ng/ul
RT: 19.276 min Scan# 3582
Delta R.T. -0.009 min
Lab File: BM035668.D
Acq: 24 Jun 2022 19:11

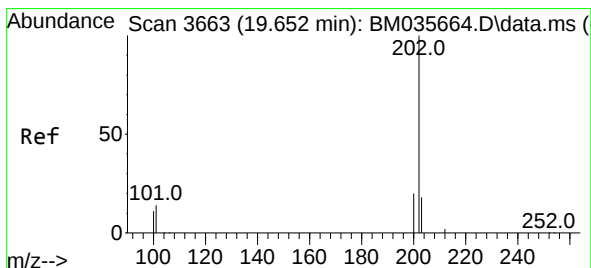
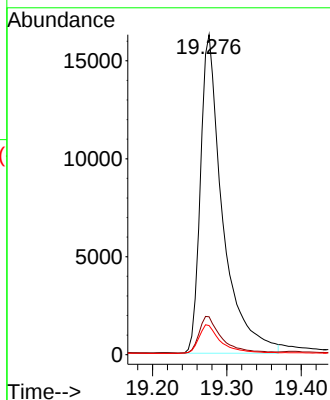
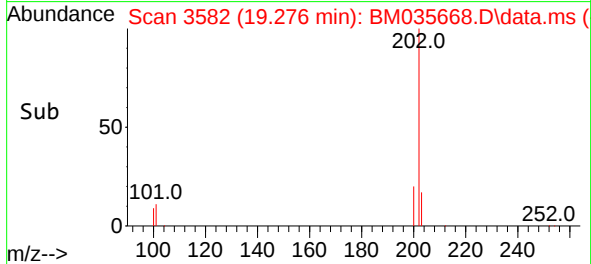
Instrument :
BNA_M
ClientSampleId :
EW4P2DL



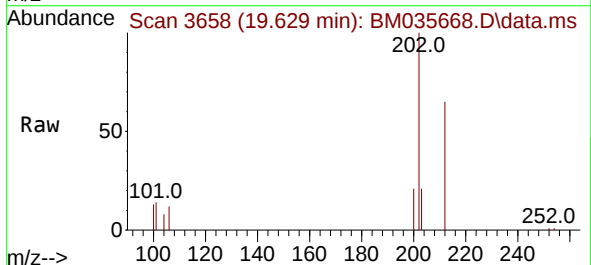
Tgt Ion:202 Resp: 33719
Ion Ratio Lower Upper
202 100
101 11.8 10.0 15.0
100 9.1 7.5 11.3

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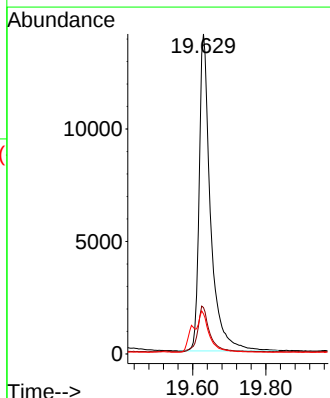
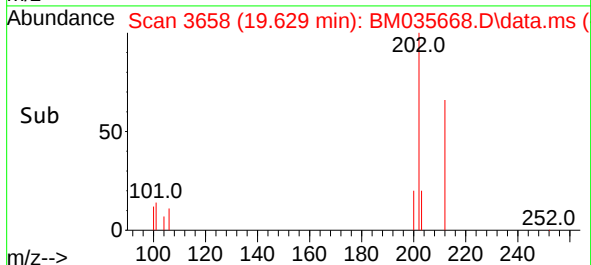
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

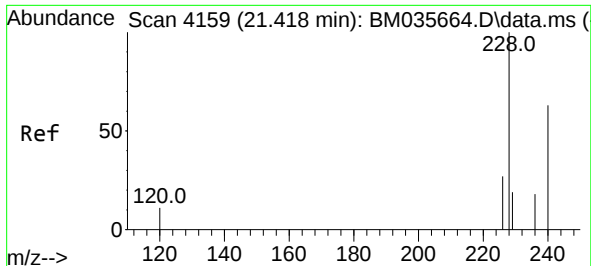


#20
Pyrene
Concen: 0.611 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. -0.019 min
Lab File: BM035668.D
Acq: 24 Jun 2022 19:11



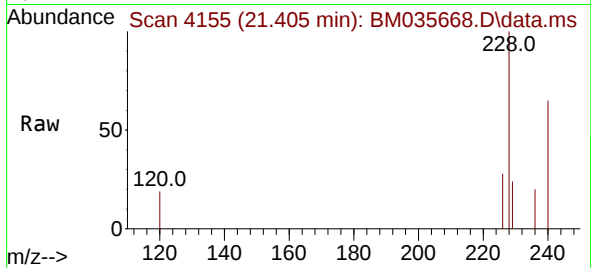
Tgt Ion:202 Resp: 30364
Ion Ratio Lower Upper
202 100
101 14.5 11.6 17.4
100 12.6 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.285 ng/ul
RT: 21.405 min Scan# 4155
Delta R.T. 0.006 min
Lab File: BM035668.D
Acq: 24 Jun 2022 19:11

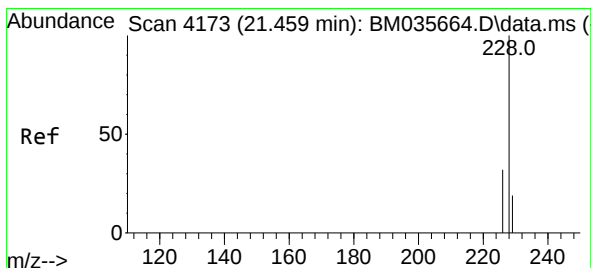
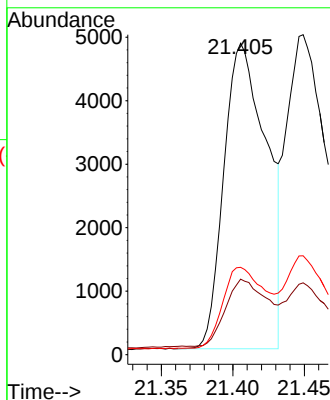
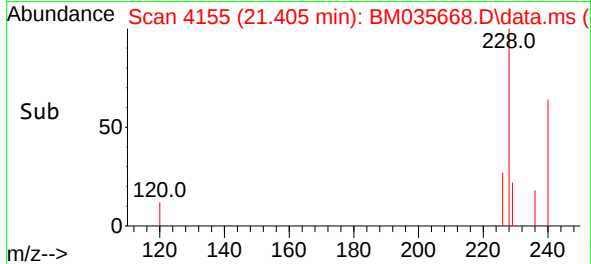
Instrument :
BNA_M
ClientSampleId :
EW4P2DL



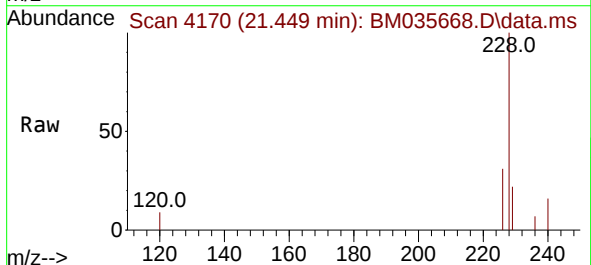
Tgt Ion:228 Resp: 9990
Ion Ratio Lower Upper
228 100
229 24.3 16.2 24.2
226 28.1 22.3 33.5

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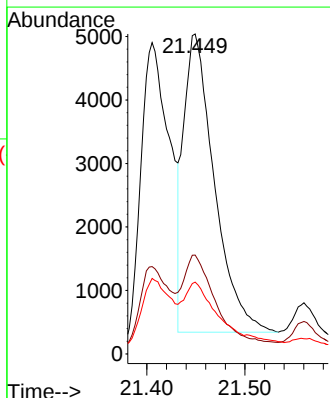
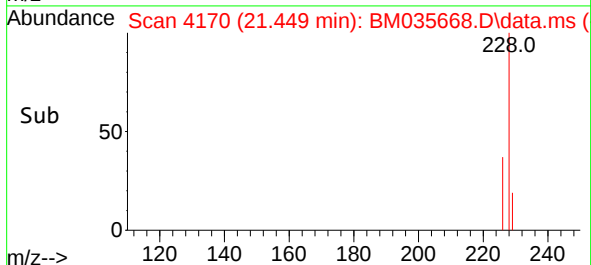
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

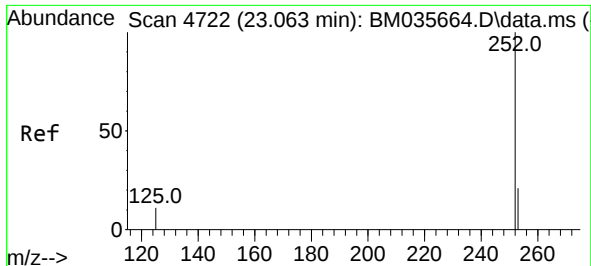


#22
Chrysene
Concen: 0.244 ng/ul
RT: 21.449 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM035668.D
Acq: 24 Jun 2022 19:11



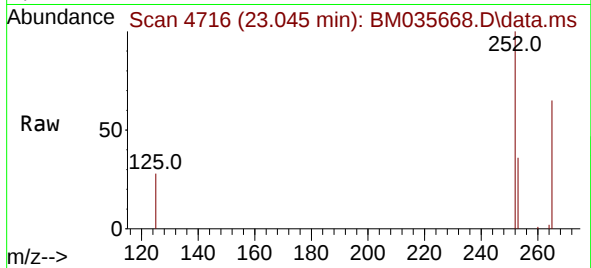
Tgt Ion:228 Resp: 10204
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 22.5 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.306 ng/ul
RT: 23.045 min Scan# 4716
Delta R.T. -0.006 min
Lab File: BM035668.D
Acq: 24 Jun 2022 19:11

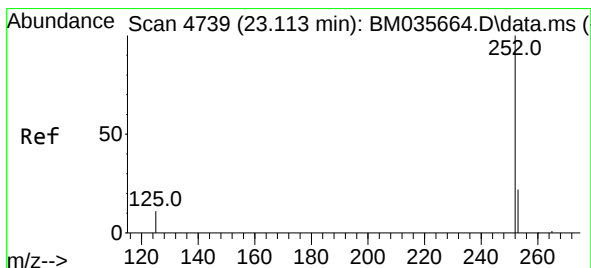
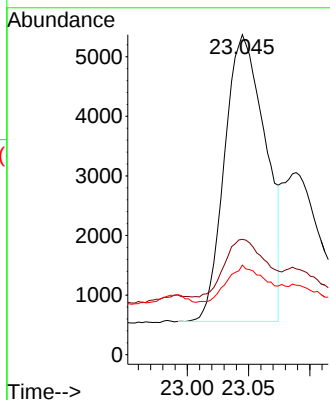
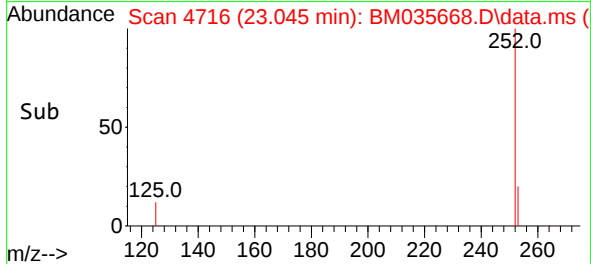
Instrument :
BNA_M
ClientSampleId :
EW4P2DL



Tgt Ion:252 Resp: 1117
Ion Ratio Lower Upper
252 100
253 36.1 0.0 60.6
125 28.0 0.0 44.8

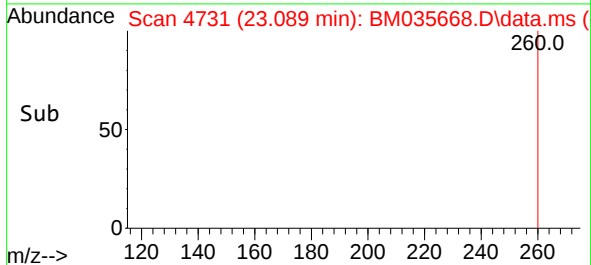
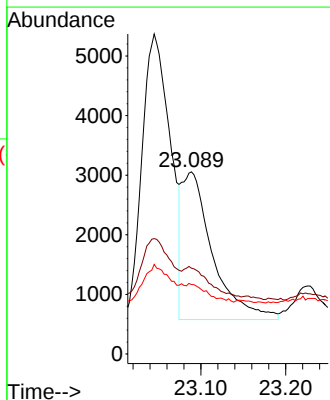
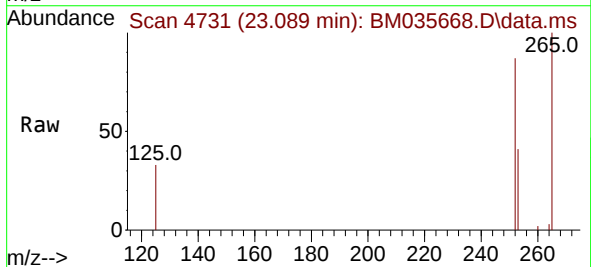
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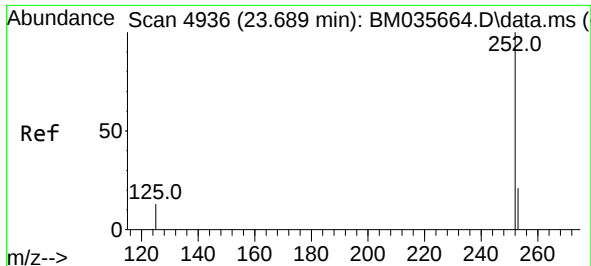
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#25
Benzo(k)fluoranthene
Concen: 0.164 ng/ul m
RT: 23.089 min Scan# 4731
Delta R.T. -0.009 min
Lab File: BM035668.D
Acq: 24 Jun 2022 19:11

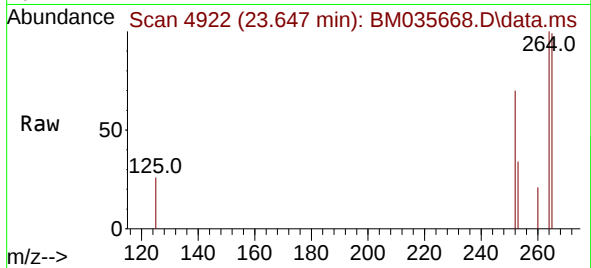
Tgt Ion:252 Resp: 6237
Ion Ratio Lower Upper
252 100
253 47.1 24.7 37.1#
125 38.2 18.2 27.4#





#26
Benzo(a)pyrene
Concen: 0.199 ng/ul
RT: 23.647 min Scan# 4936
Delta R.T. -0.021 min
Lab File: BM035668.D
Acq: 24 Jun 2022 19:11

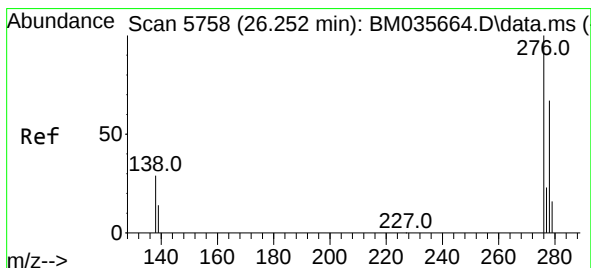
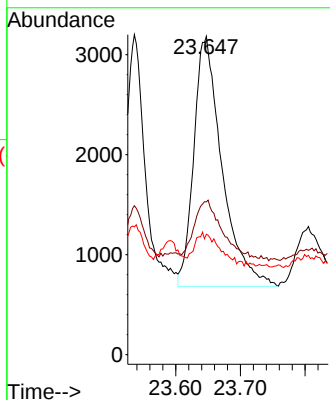
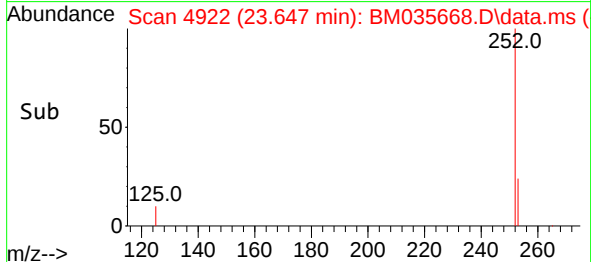
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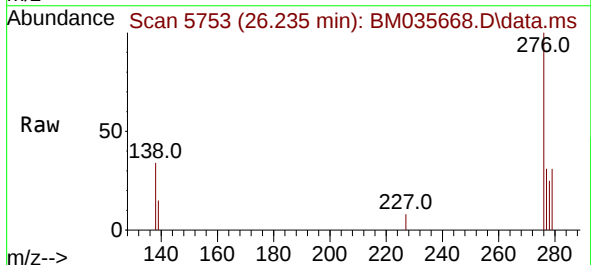
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253 48.0 27.8 41.6
125 37.8 23.3 34.9

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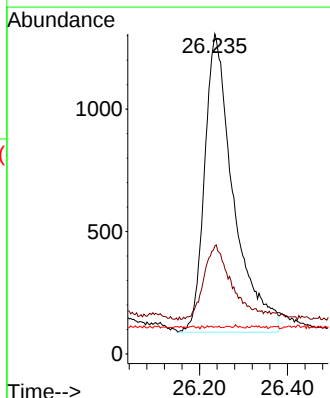
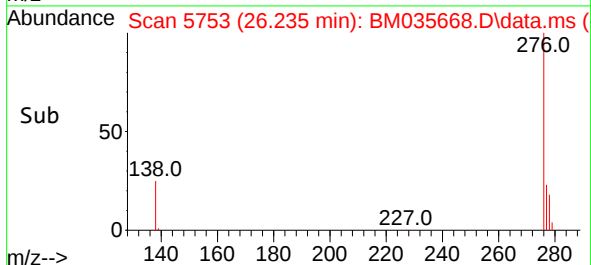
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Supervised By :Yogesh Patel 06/28/2022

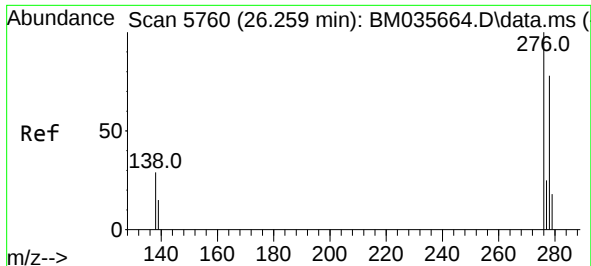


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.127 ng/ul
RT: 26.235 min Scan# 5753
Delta R.T. 0.023 min
Lab File: BM035668.D
Acq: 24 Jun 2022 19:11



Tgt Ion:276 Resp: 5538
Ion Ratio Lower Upper
276 100
138 24.6 24.8 37.2#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.036 ng/ul

RT: 26.245 min Scan# 5756

Delta R.T. 0.023 min

Lab File: BM035668.D

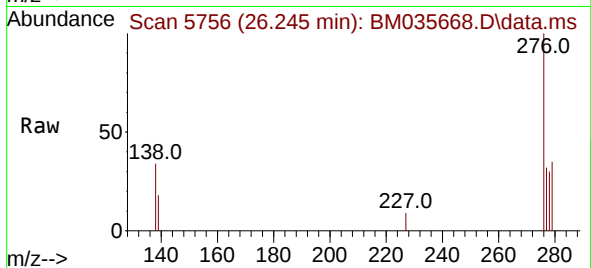
Acq: 24 Jun 2022 19:11

Instrument :

BNM

ClientSampleId :

EW4P2DL

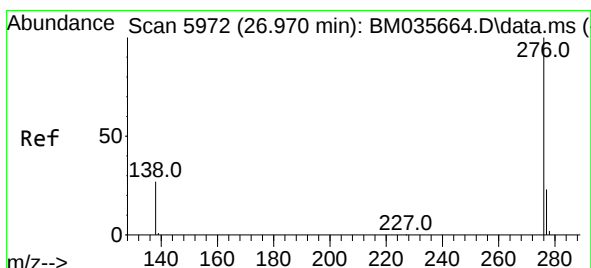
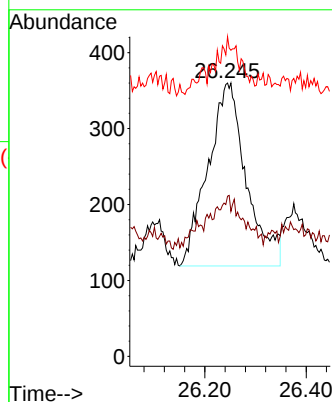
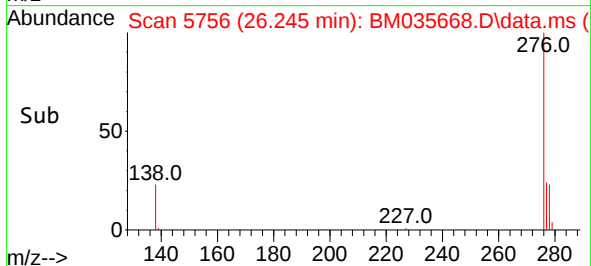


Tgt Ion:	278	Resp:	127
Ion Ratio	Lower	Upper	
278	100		
139	58.6	19.1	28.7
279	116.9	26.7	40.1

Manual Integrations

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Supervised By :Yogesh Patel 06/28/2022



#29

Benzo(g,h,i)perylene

Concen: 0.119 ng/ul

RT: 26.976 min Scan# 5974

Delta R.T. 0.030 min

Lab File: BM035668.D

Acq: 24 Jun 2022 19:11

Tgt Ion:	276	Resp:	4646
Ion Ratio	Lower	Upper	
276	100		
138	37.8	23.1	34.7
277	35.0	20.3	30.5

