

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035768.D
 Acq On : 29 Jun 2022 19:30
 Operator : CG/JU
 Sample : N3375-02MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4S6MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 30 04:03:05 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 29 17:48:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	3456m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.594	136	11380061m	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.418	164	7369	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.161	188	11825	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.357	240	11820	0.400	ng/ul	#-0.02
23) Perylene-d12	23.677	264	12044	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1192	0.254	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.167	152	11914	0.001	ng/ul	-0.06
18) Fluoranthene-d10	19.196	212	11546	0.290	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.247	88	19862	4.282	ng/ul#	1
5) Naphthalene	10.616	128	60341	0.002	ng/ul	98
7) 2-Methylnaphthalene	12.244	142	11801	0.001	ng/ul	95
8) 1-Methylnaphthalene	12.459	142	14981	0.001	ng/ul	97
11) Acenaphthene	14.478	153	33313	1.119	ng/ul	98
12) Fluorene	15.468	166	12822	0.374	ng/ul#	95
14) Pentachlorophenol	16.844	266	1100	0.589	ng/ul	96
15) Phenanthrene	17.203	178	23180	0.541	ng/ul#	90
16) Anthracene	17.296	178	25415	0.714	ng/ul#	89
19) Fluoranthene	19.224	202	21588	0.365	ng/ul#	86
20) Pyrene	19.586	202	20995	0.316	ng/ul#	89
21) Benzo(a)anthracene	21.342	228	15591	0.381	ng/ul#	81
22) Chrysene	21.392	228	16742	0.319	ng/ul#	81
24) Benzo(b)fluoranthene	22.973	252	17056	0.330	ng/ul	68
25) Benzo(k)fluoranthene	23.019	252	16716	0.317	ng/ul#	70
26) Benzo(a)pyrene	23.578	252	16655	0.316	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.084	276	19868	0.346	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.088	278	16270	0.357	ng/ul#	71
29) Benzo(g,h,i)perylene	26.822	276	17395	0.328	ng/ul#	81

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

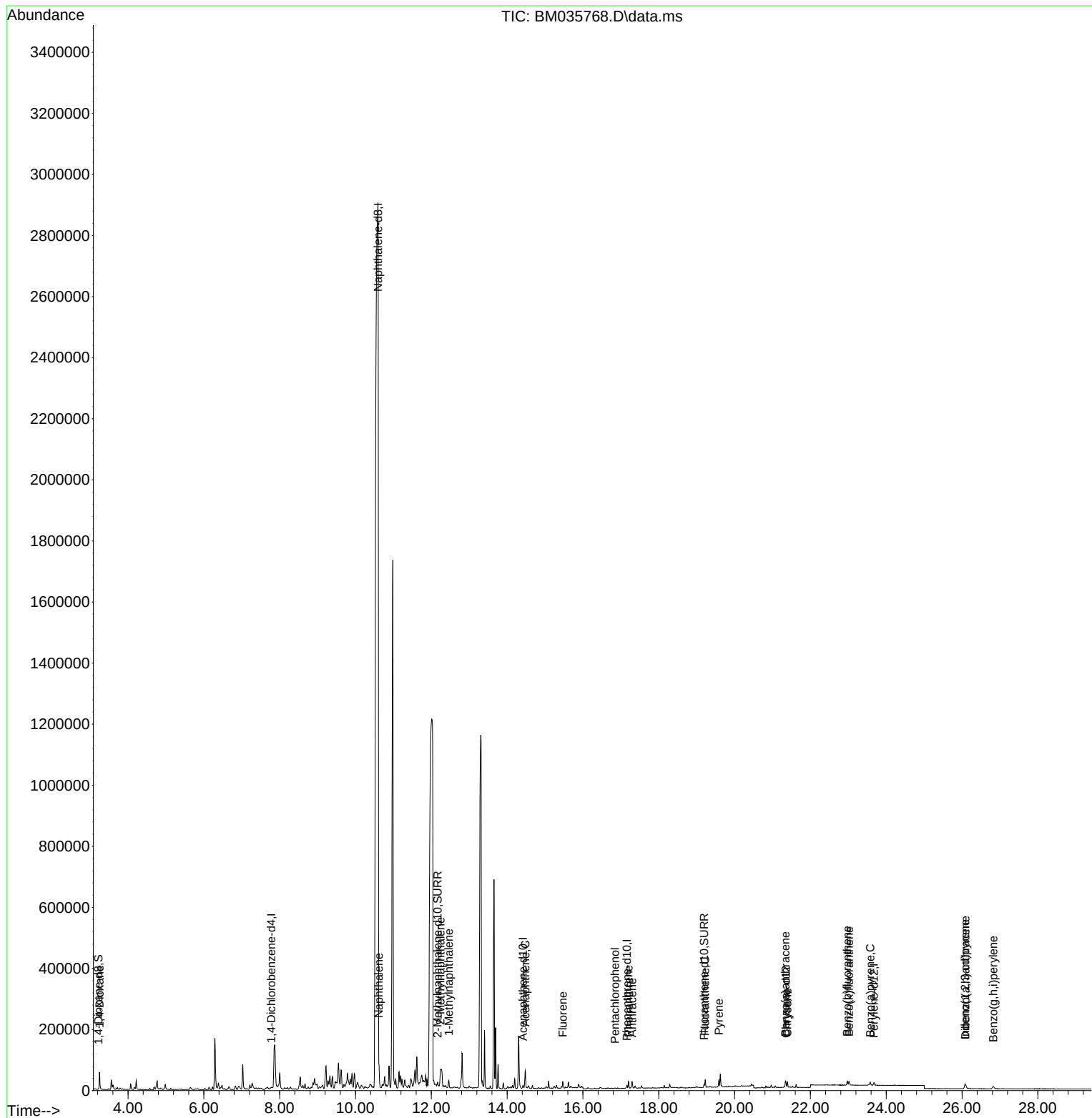
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035768.D
Acq On : 29 Jun 2022 19:30
Operator : CG/JU
Sample : N3375-02MS
Misc :
ALS Vial : 47 Sample Multiplier: 1

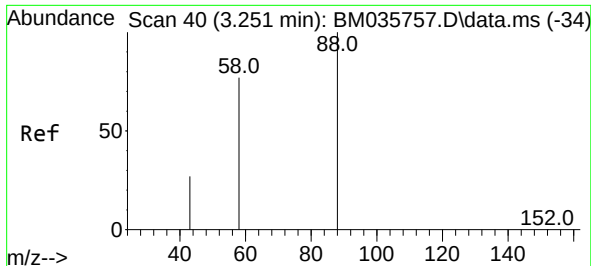
Instrument :
BNA_M
ClientSampleId :
EW4S6MS

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

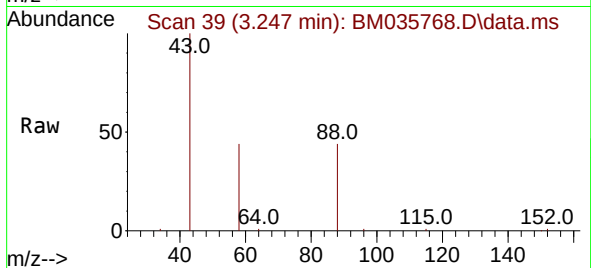
Quant Time: Jun 30 04:03:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:48:53 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 4.282 ng/ul
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30

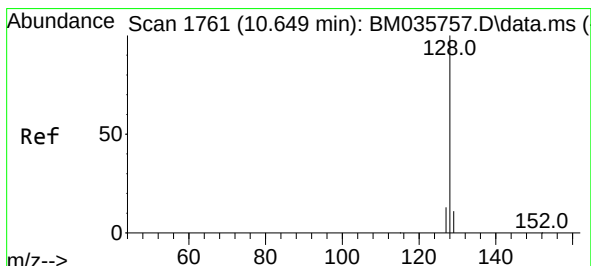
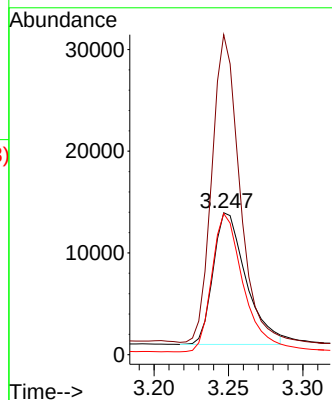
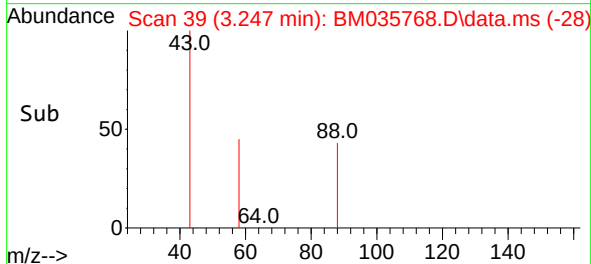
Instrument :
BNA_M
ClientSampleId :
EW4S6MS



Tgt Ion: 88 Resp: 1986
Ion Ratio Lower Upper
88 100
43 225.5 37.8 56.6
58 99.5 42.6 63.8

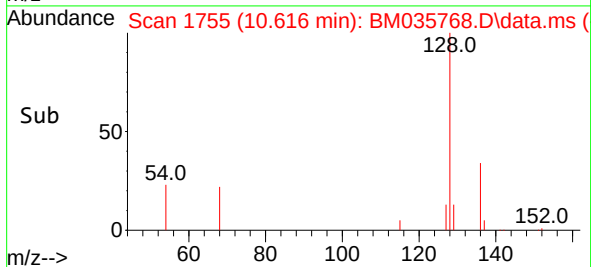
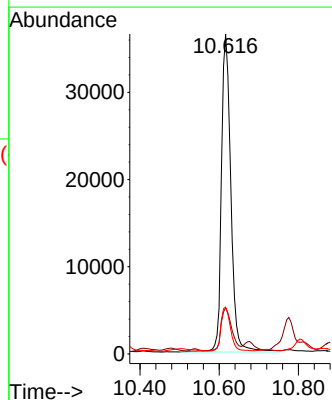
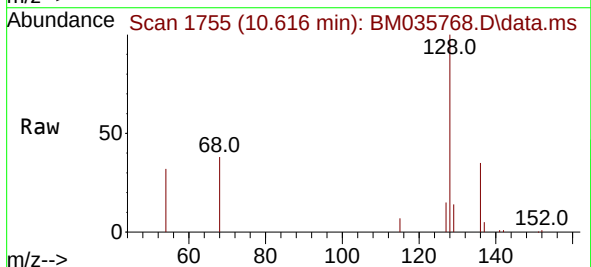
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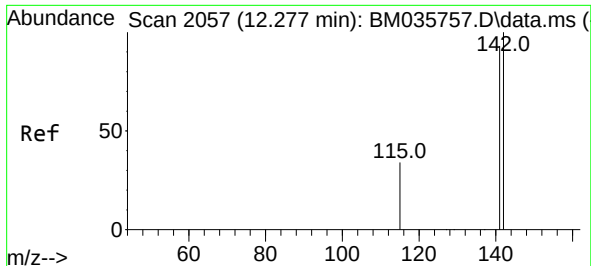
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#5
Naphthalene
Concen: 0.002 ng/ul
RT: 10.616 min Scan# 1755
Delta R.T. -0.055 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30

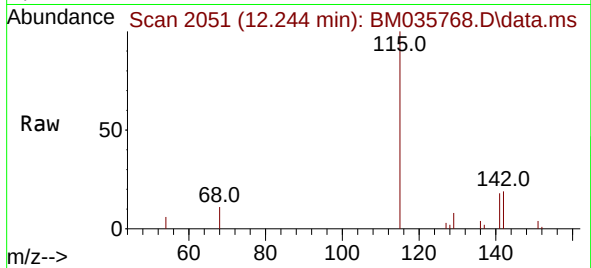
Tgt Ion:128 Resp: 60341
Ion Ratio Lower Upper
128 100
129 14.4 10.2 15.2
127 14.6 11.7 17.5





#7
2-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.244 min Scan# 2051
Delta R.T. -0.055 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30

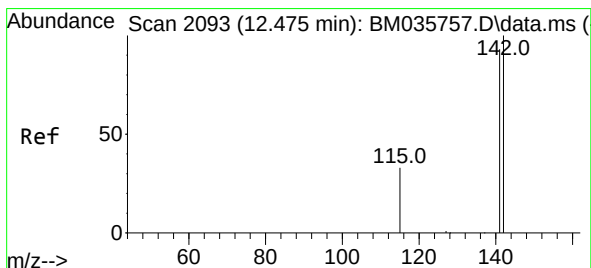
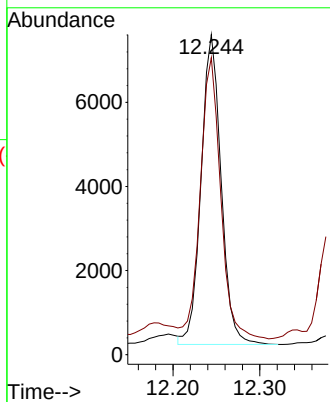
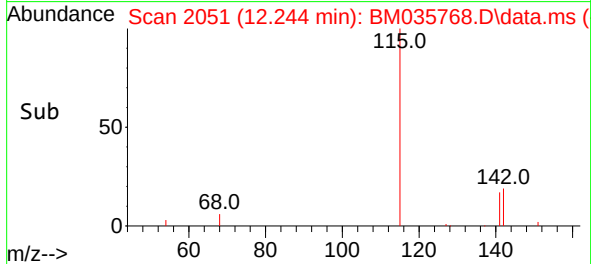
Instrument :
BNA_M
ClientSampleId :
EW4S6MS



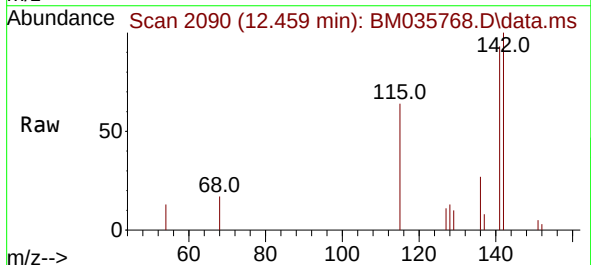
Tgt Ion:142 Resp: 1180
Ion Ratio Lower Upper
142 100
141 92.2 77.4 116.0

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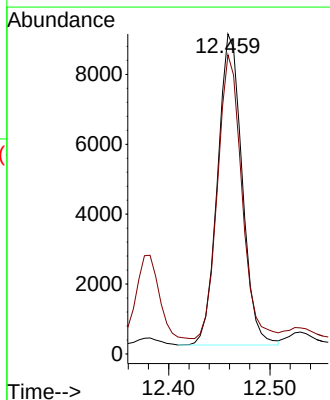
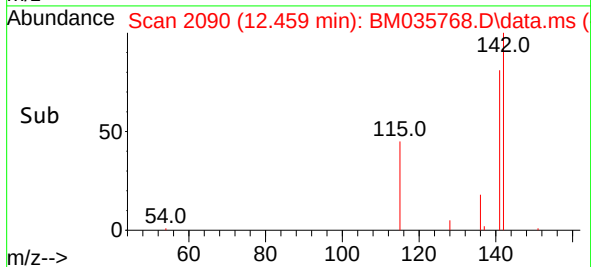
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

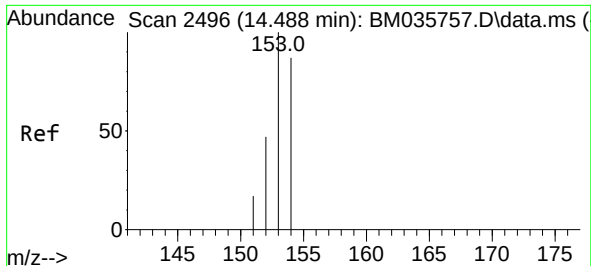


#8
1-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.459 min Scan# 2090
Delta R.T. -0.033 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30



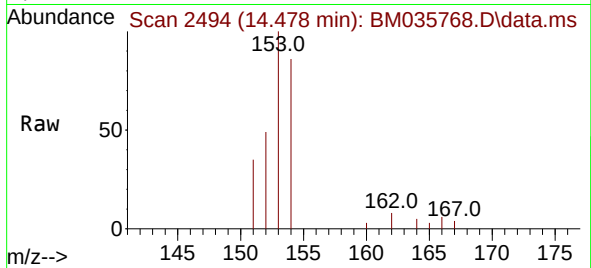
Tgt Ion:142 Resp: 14981
Ion Ratio Lower Upper
142 100
141 89.4 74.1 111.1





#11
Acenaphthene
Concen: 1.119 ng/uI
RT: 14.478 min Scan# 2496
Delta R.T. -0.019 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30

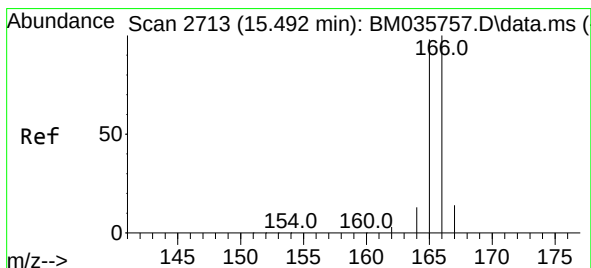
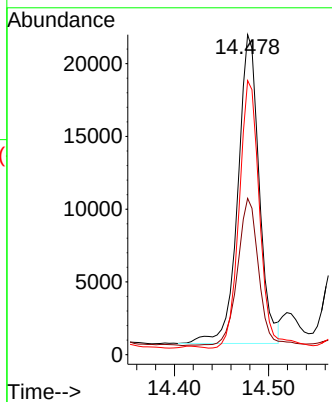
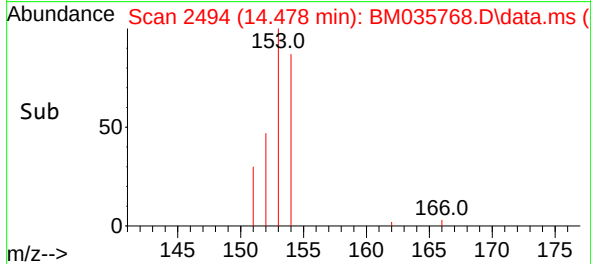
Instrument :
BNA_M
ClientSampleId :
EW4S6MS



Tgt Ion:153 Resp: 3331
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.4
154 85.7 69.7 104.5

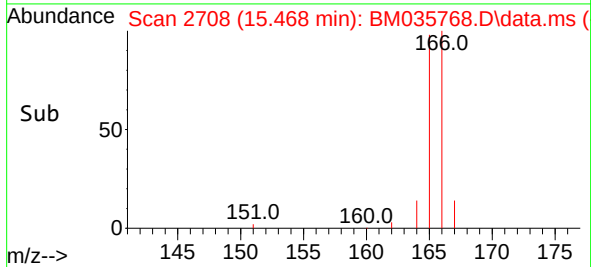
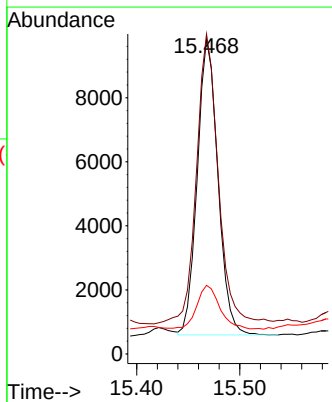
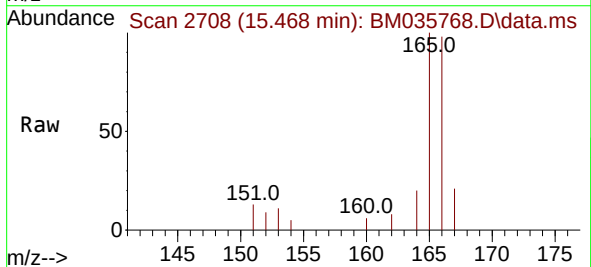
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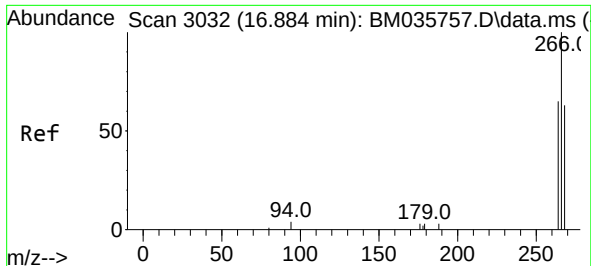
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#12
Fluorene
Concen: 0.374 ng/uI
RT: 15.468 min Scan# 2708
Delta R.T. -0.038 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30

Tgt Ion:166 Resp: 12822
Ion Ratio Lower Upper
166 100
165 101.6 78.9 118.3
167 21.8 11.3 16.9#





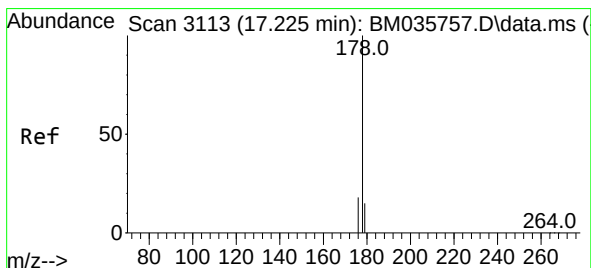
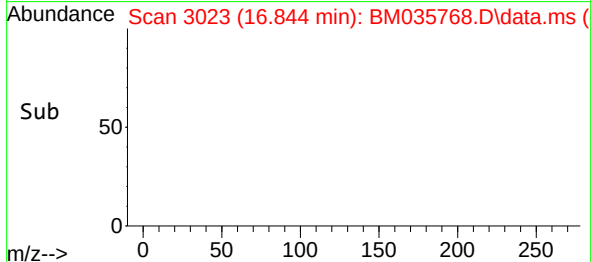
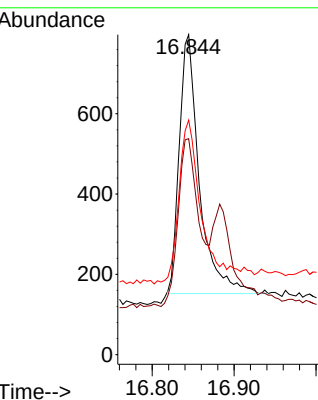
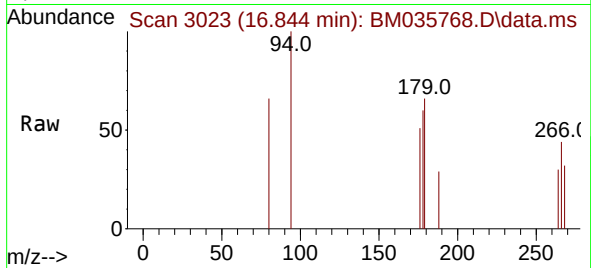
#14
Pentachlorophenol
Concen: 0.589 ng/ul
RT: 16.844 min Scan# 3108
Delta R.T. -0.052 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30

Instrument :
BNA_M
ClientSampleId :
EW4S6MS

Tgt Ion:266 Resp: 1100
Ion Ratio Lower Upper
266 100
264 59.8 50.3 75.5
268 64.1 53.5 80.3

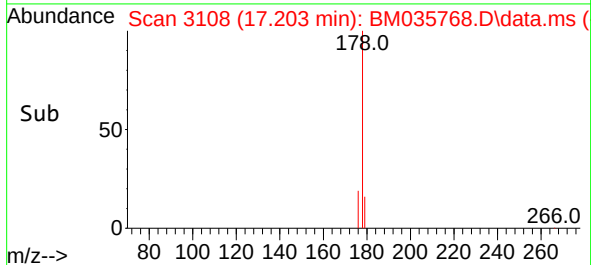
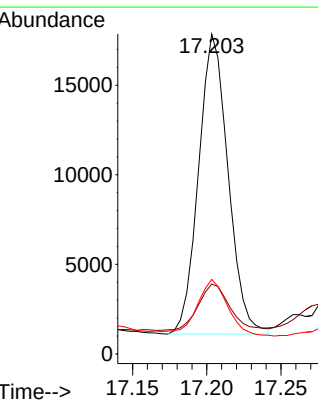
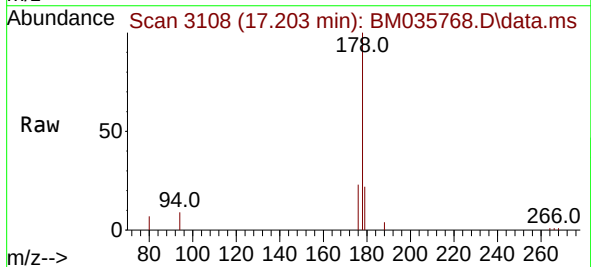
Manual Integrations
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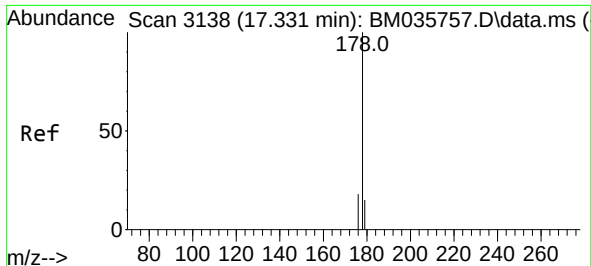
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#15
Phenanthrene
Concen: 0.541 ng/ul
RT: 17.203 min Scan# 3108
Delta R.T. -0.035 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30

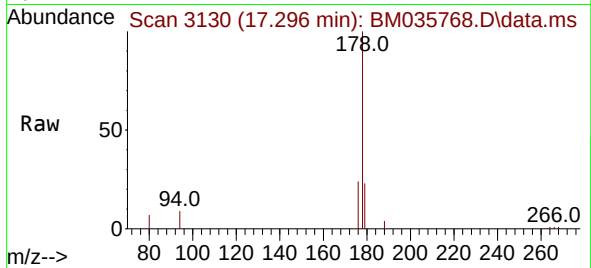
Tgt Ion:178 Resp: 23180
Ion Ratio Lower Upper
178 100
179 21.9 13.0 19.6#
176 23.3 15.6 23.4





#16
 Anthracene
 Concen: 0.714 ng/ul
 RT: 17.296 min Scan# 3130
 Delta R.T. -0.052 min
 Lab File: BM035768.D
 Acq: 29 Jun 2022 19:30

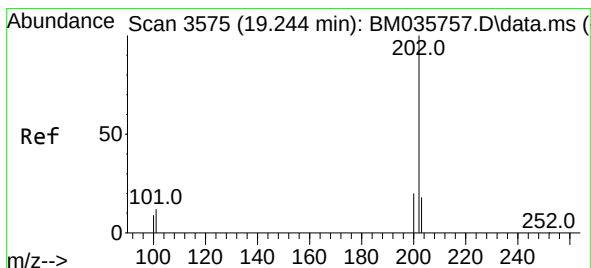
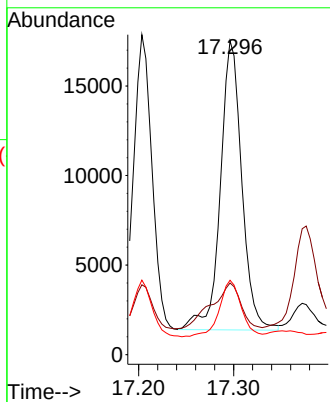
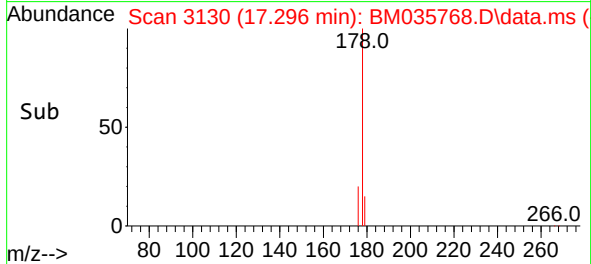
Instrument :
 BNA_M
 ClientSampleId :
 EW4S6MS



Tgt Ion:178 Resp: 25415
 Ion Ratio Lower Upper
 178 100
 179 22.8 13.6 20.4#
 176 23.7 15.6 23.4#

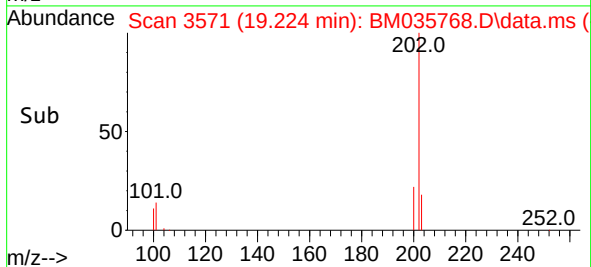
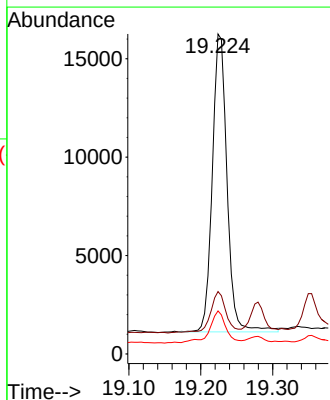
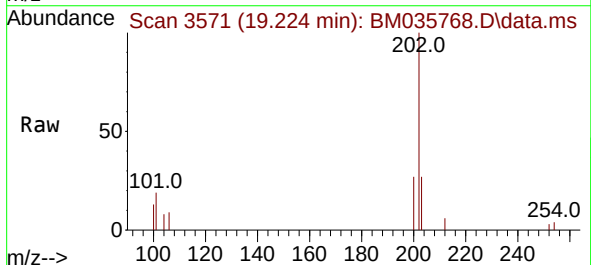
Manual Integrations
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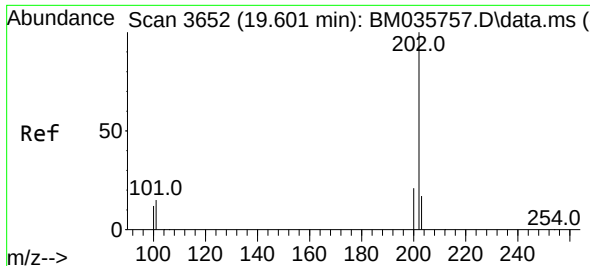
Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022



#19
 Fluoranthene
 Concen: 0.365 ng/ul
 RT: 19.224 min Scan# 3571
 Delta R.T. -0.024 min
 Lab File: BM035768.D
 Acq: 29 Jun 2022 19:30

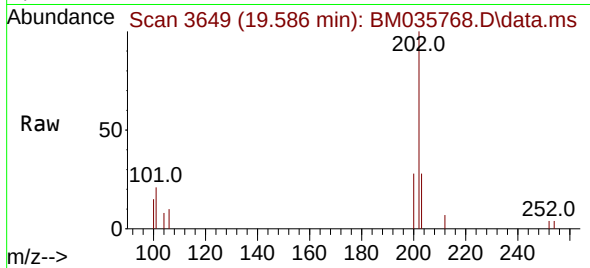
Tgt Ion:202 Resp: 21588
 Ion Ratio Lower Upper
 202 100
 101 19.5 10.1 15.1#
 100 13.5 7.9 11.9#





#20
Pyrene
Concen: 0.316 ng/u1
RT: 19.586 min Scan# 3649
Delta R.T. -0.024 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30

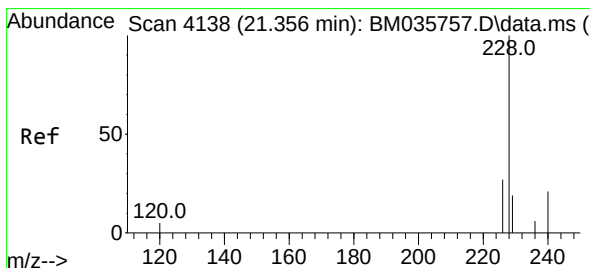
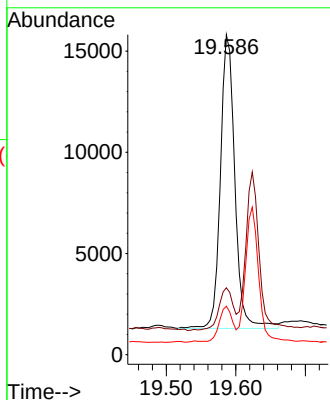
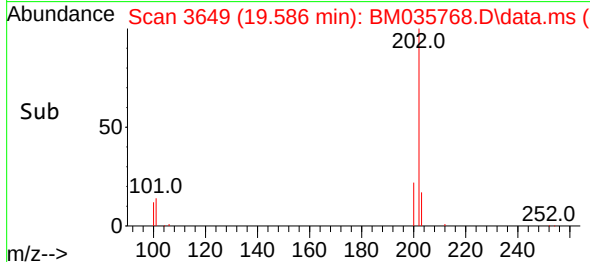
Instrument :
BNA_M
ClientSampleId :
EW4S6MS



Tgt Ion:202 Resp: 20995
Ion Ratio Lower Upper
202 100
101 20.9 12.0 18.0#
100 15.2 9.8 14.6#

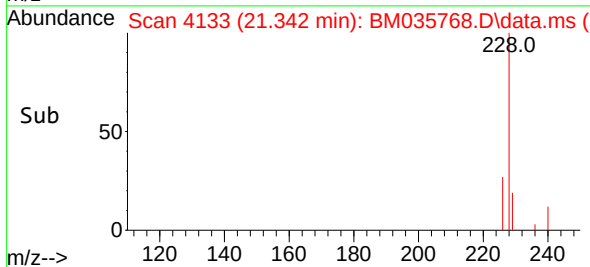
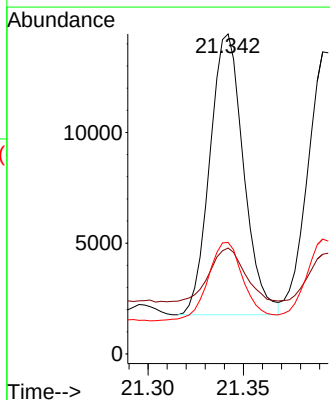
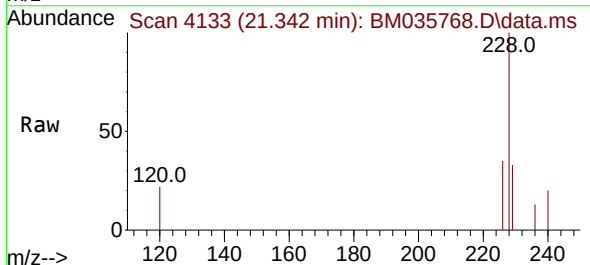
Manual Integrations
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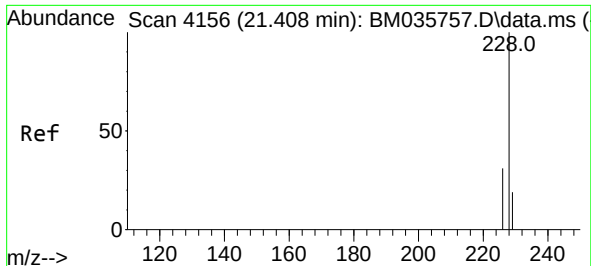
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#21
Benzo(a)anthracene
Concen: 0.381 ng/u1
RT: 21.342 min Scan# 4133
Delta R.T. -0.020 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30

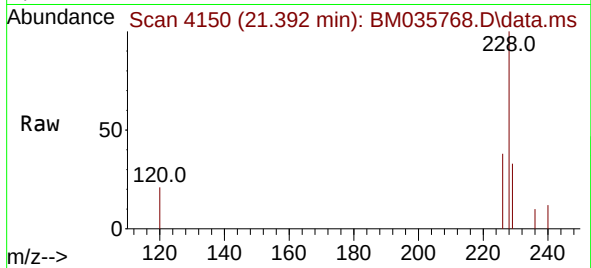
Tgt Ion:228 Resp: 15591
Ion Ratio Lower Upper
228 100
229 33.1 16.2 24.2#
226 34.9 22.5 33.7#





#22
Chrysene
Concen: 0.319 ng/ul
RT: 21.392 min Scan# 4156
Delta R.T. -0.017 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30

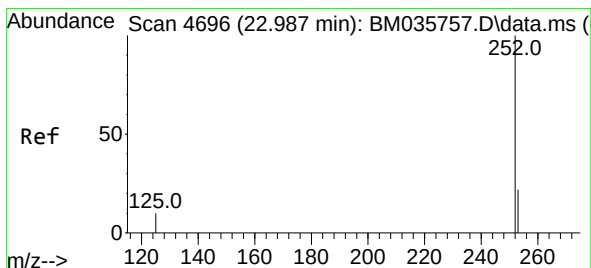
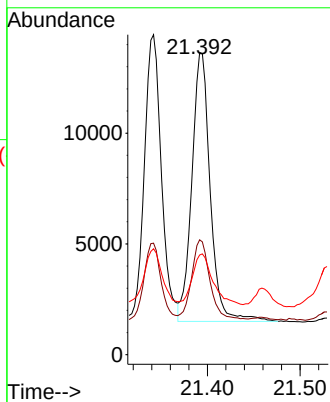
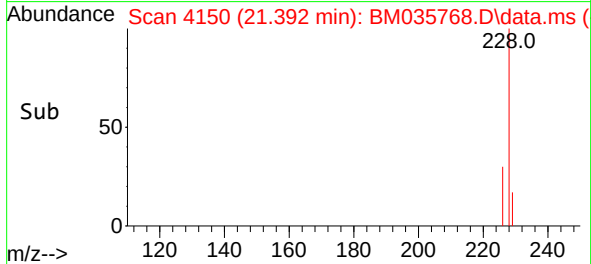
Instrument :
BNA_M
ClientSampleId :
EW4S6MS



Tgt Ion:228 Resp: 16742
Ion Ratio Lower Upper
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226 38.0 24.6 37.0
229 33.0 16.4 24.6

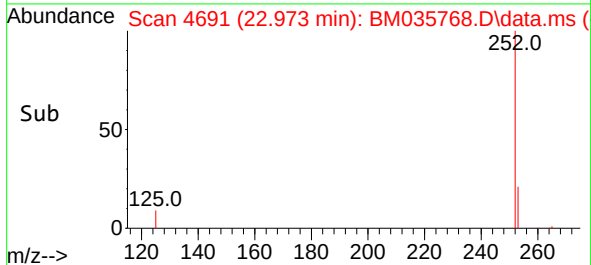
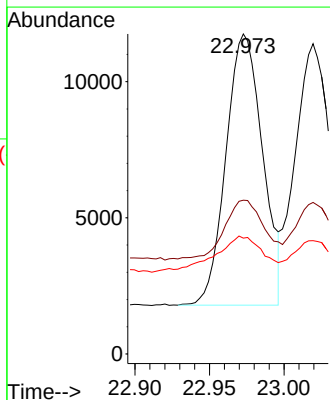
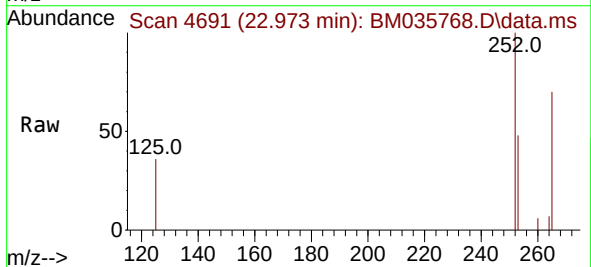
Manual Integrations
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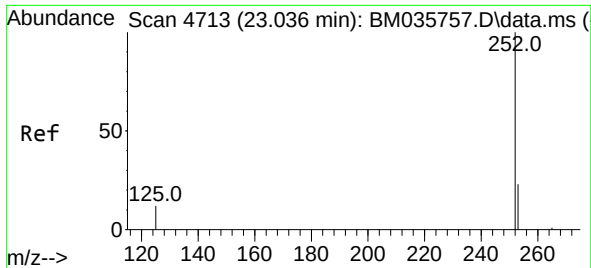
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul
RT: 22.973 min Scan# 4691
Delta R.T. -0.017 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30

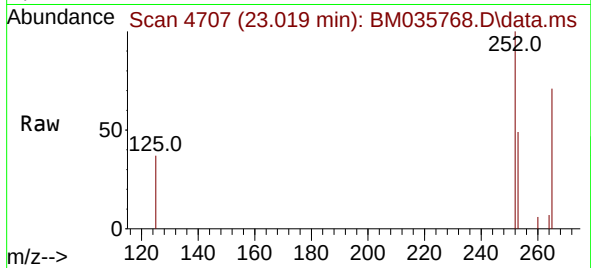
Tgt Ion:252 Resp: 17056
Ion Ratio Lower Upper
252 100
253 48.1 0.0 61.4
125 36.2 0.0 42.6





#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul
RT: 23.019 min Scan# 41
Delta R.T. -0.020 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30

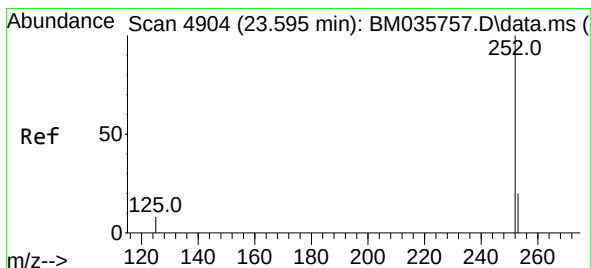
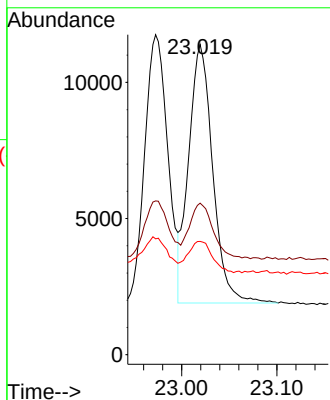
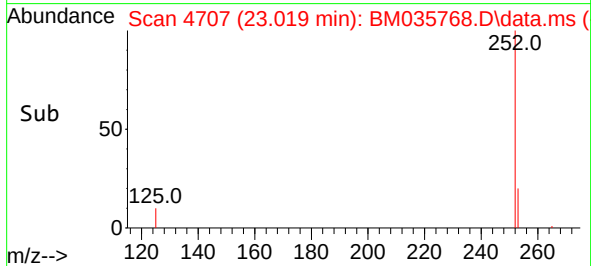
Instrument :
BNA_M
ClientSampleId :
EW4S6MS



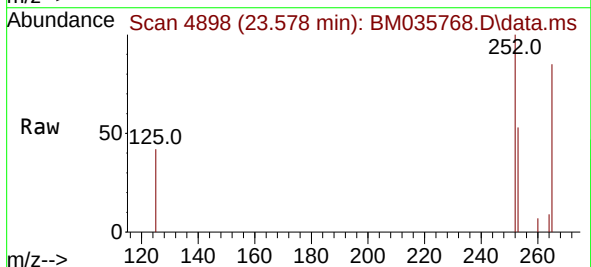
Tgt Ion:252 Resp: 16710
Ion Ratio Lower Upper
252 100
253 48.8 25.2 37.8#
125 36.5 18.3 27.5#

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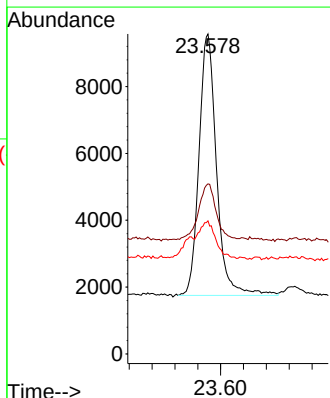
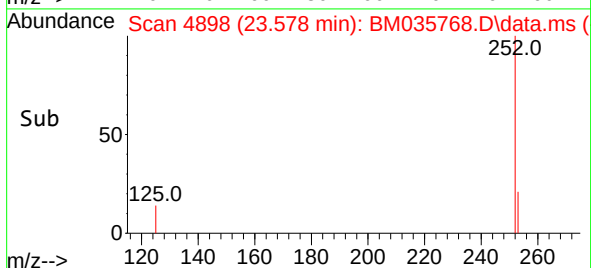
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

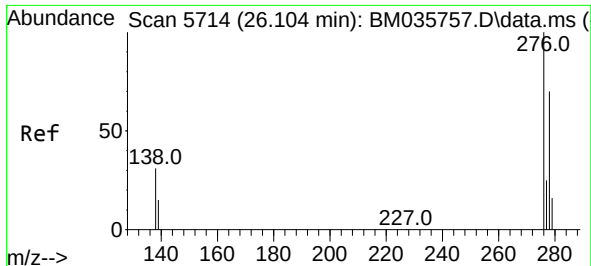


#26
Benzo(a)pyrene
Concen: 0.316 ng/ul
RT: 23.578 min Scan# 4898
Delta R.T. -0.023 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30



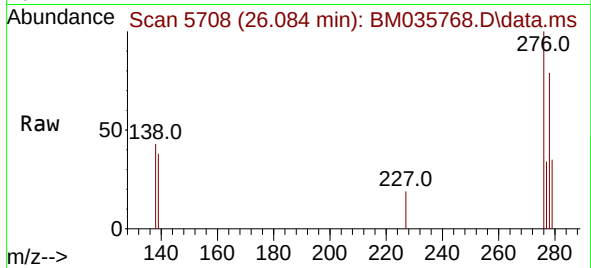
Tgt Ion:252 Resp: 16655
Ion Ratio Lower Upper
252 100
253 53.1 29.7 44.5#
125 41.6 23.6 35.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.346 ng/ul
 RT: 26.084 min Scan# 5708
 Delta R.T. -0.023 min
 Lab File: BM035768.D
 Acq: 29 Jun 2022 19:30

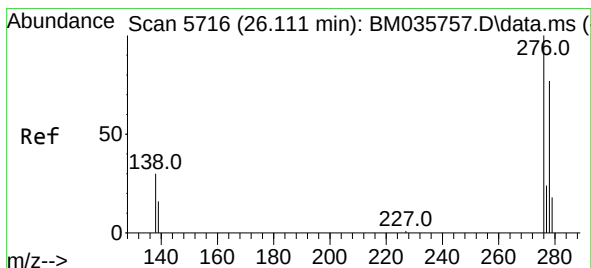
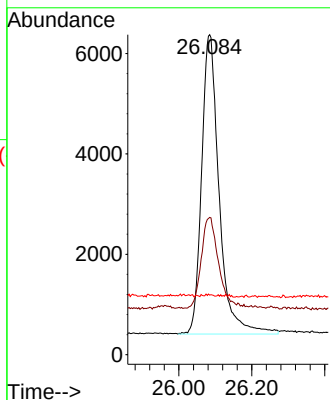
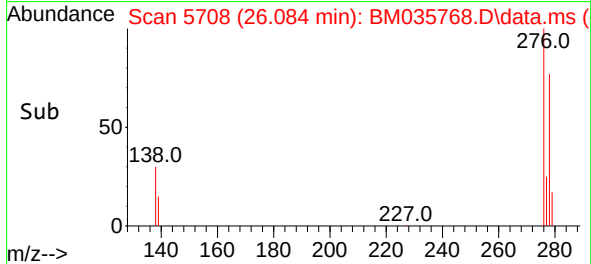
Instrument :
 BNA_M
 ClientSampleId :
 EW4S6MS



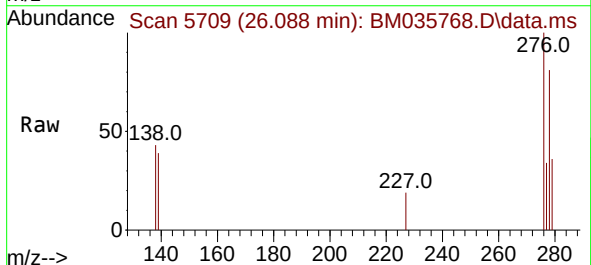
Tgt Ion: 276 Resp: 1986
 Ion Ratio Lower Upper
 276 100
 138 29.9 23.9 35.9
 227 0.3 0.1 0.1

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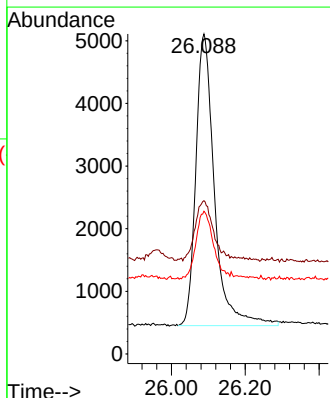
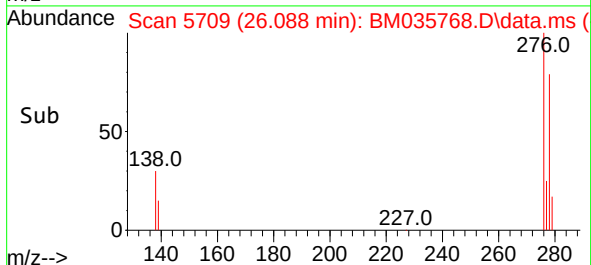
Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

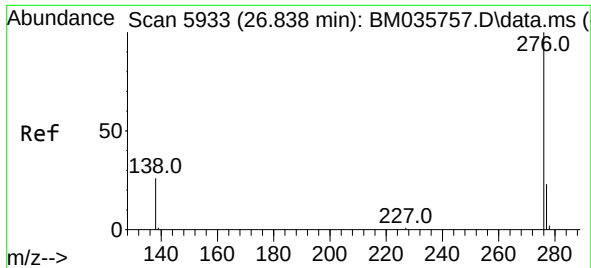


#28
 Dibenzo(a,h)anthracene
 Concen: 0.357 ng/ul
 RT: 26.088 min Scan# 5709
 Delta R.T. -0.036 min
 Lab File: BM035768.D
 Acq: 29 Jun 2022 19:30



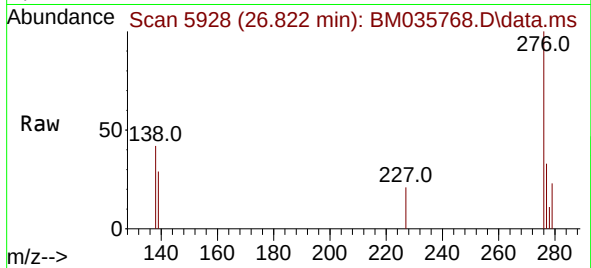
Tgt Ion: 278 Resp: 16270
 Ion Ratio Lower Upper
 278 100
 139 47.9 19.8 29.6#
 279 44.6 27.7 41.5#





#29
Benzo(g,h,i)perylene
Concen: 0.328 ng/ul
RT: 26.822 min Scan# 5928
Delta R.T. -0.023 min
Lab File: BM035768.D
Acq: 29 Jun 2022 19:30

Instrument :
BNA_M
ClientSampleId :
EW4S6MS



Tgt Ion:276 Resp: 1739
Ion Ratio Lower Upper
276 100
138 41.7 23.4 35.0
277 33.4 21.0 31.4

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Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

