

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042950.D
 Acq On : 22 Nov 2023 13:51
 Operator : MA/JU
 Sample : 05268-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 23 00:10:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 22 10:35:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	825	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.616	136	2120	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.464	164	1287	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	2788m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.409	240	1762m	0.400	ng/ul	0.00
23) Perylene-d12	23.762	264	2693m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	5373	4.144	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	1084	0.406	ng/ul	-0.03
18) Fluoranthene-d10	19.247	212	2606m	0.454	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.677	128	3600192	539.082	ng/ul#	86
7) 2-Methylnaphthalene	12.277	142	145517	37.249	ng/ul	95
8) 1-Methylnaphthalene	12.497	142	87326	21.251	ng/ul	99
10) Acenaphthylene	14.186	152	24812	2.902	ng/ul	95
11) Acenaphthene	14.524	153	96857	16.156	ng/ul	96
12) Fluorene	15.514	166	83131	12.901	ng/ul#	94
14) Pentachlorophenol	16.853	266	12269	7.915	ng/ul	95
15) Phenanthrene	17.258	178	77981m	7.962	ng/ul	
16) Anthracene	17.351	178	2512	0.247	ng/ul	97
19) Fluoranthene	19.280	202	1145	0.103	ng/ul#	91

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

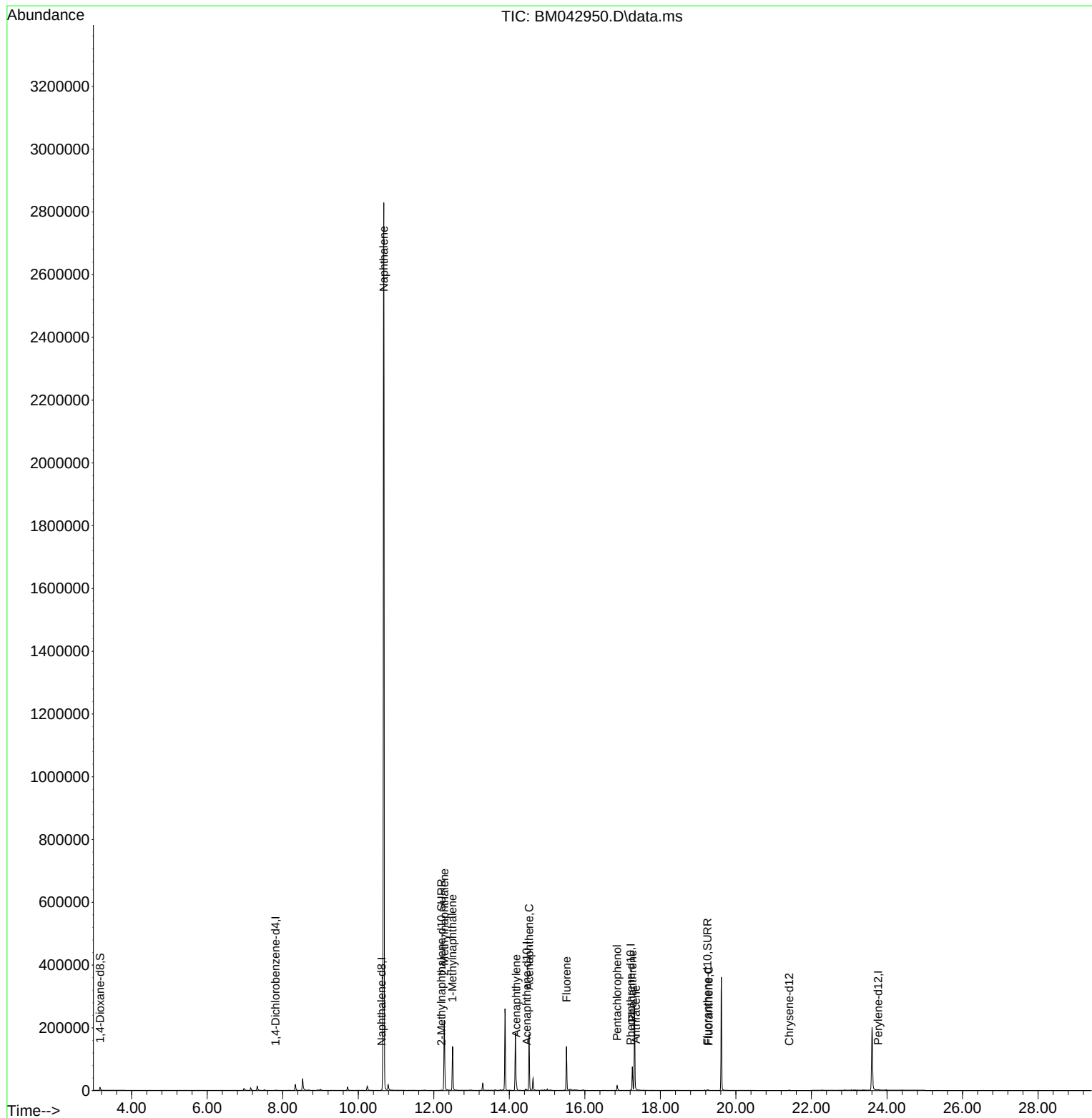
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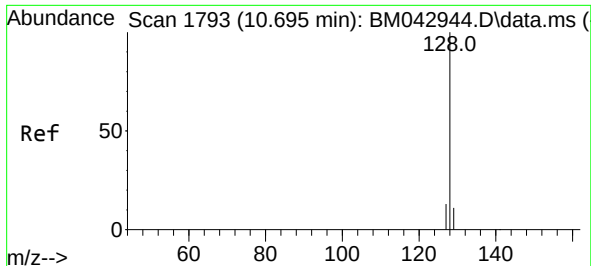
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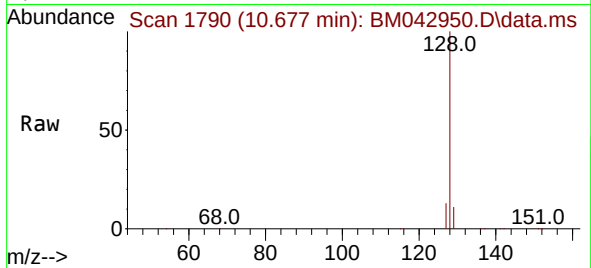
Quant Time: Nov 23 00:10:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:35:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 539.082 ng/ul
RT: 10.677 min Scan# 1790
Delta R.T. -0.005 min
Lab File: BM042950.D
Acq: 22 Nov 2023 13:51

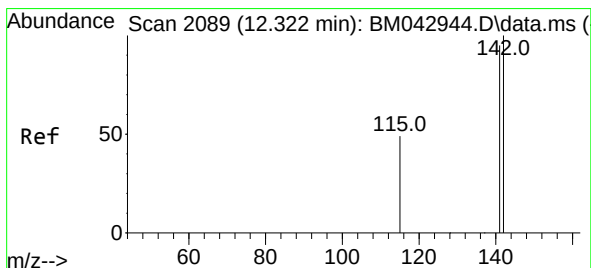
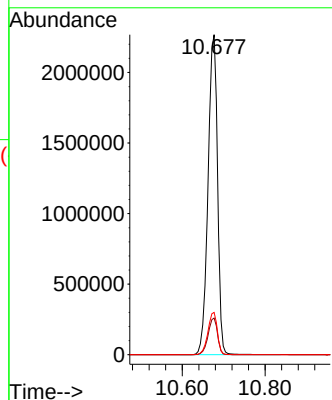
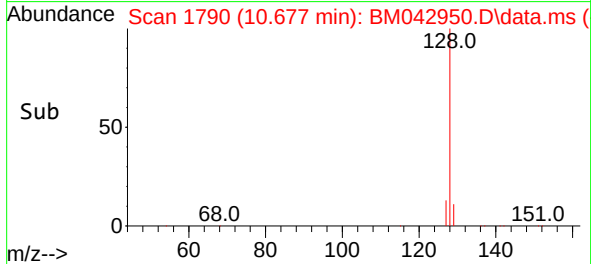
Instrument :
BNA_M
ClientSampleId :
DCKC3



Tgt Ion:128 Resp: 360019
Ion Ratio Lower Upper
128 100
129 11.5 14.2 21.4
127 13.2 15.8 23.6

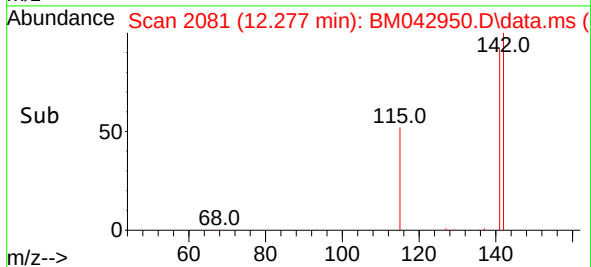
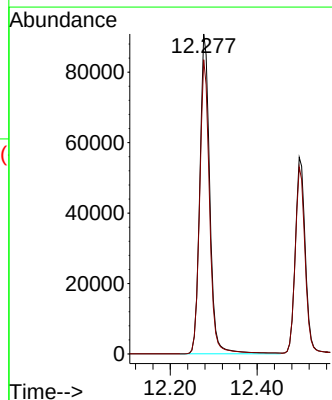
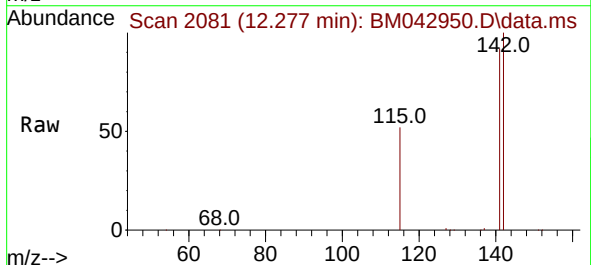
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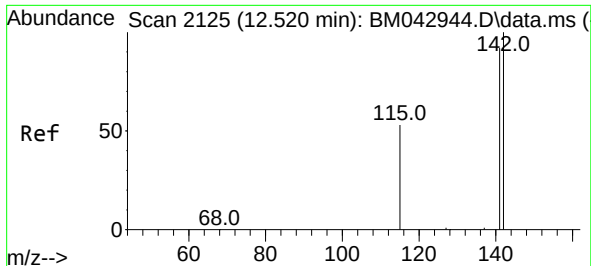
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#7
2-Methylnaphthalene
Concen: 37.249 ng/ul
RT: 12.277 min Scan# 2081
Delta R.T. -0.033 min
Lab File: BM042950.D
Acq: 22 Nov 2023 13:51

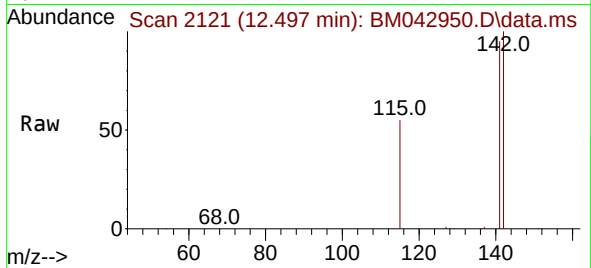
Tgt Ion:142 Resp: 145517
Ion Ratio Lower Upper
142 100
141 91.5 77.2 115.8





#8
1-Methylnaphthalene
Concen: 21.251 ng/ul
RT: 12.497 min Scan# 2125
Delta R.T. -0.022 min
Lab File: BM042950.D
Acq: 22 Nov 2023 13:51

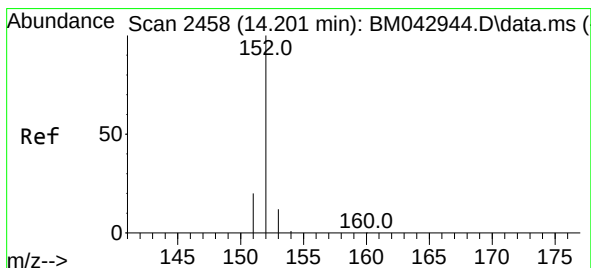
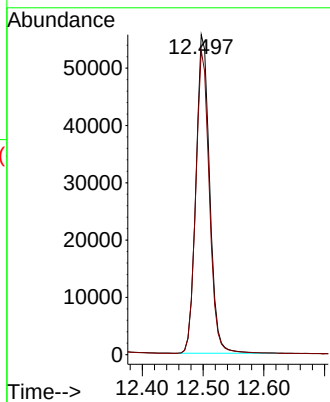
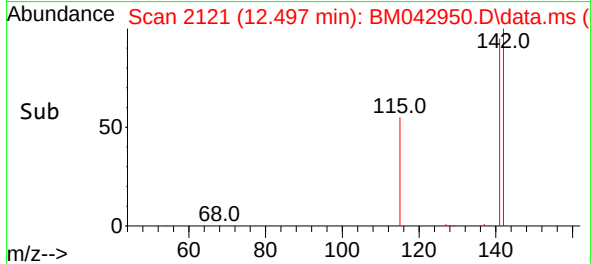
Instrument :
BNA_M
ClientSampleId :
DCKC3



Tgt Ion:142 Resp: 87320
Ion Ratio Lower Upper
142 100
141 94.3 74.6 112.0

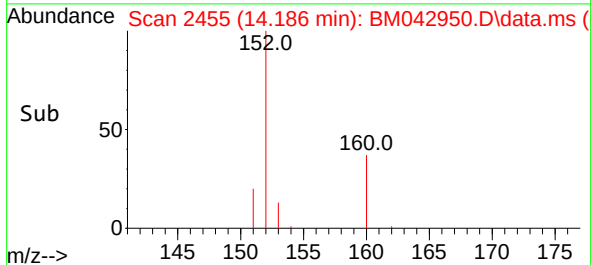
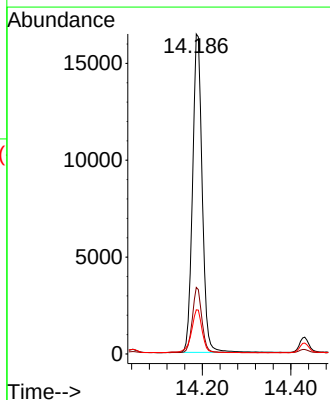
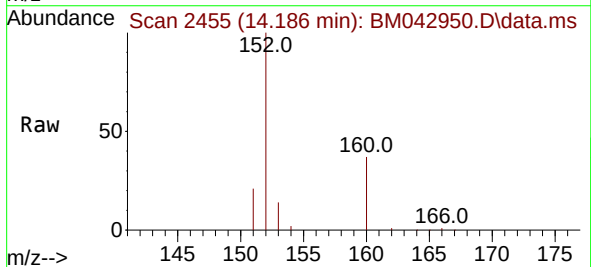
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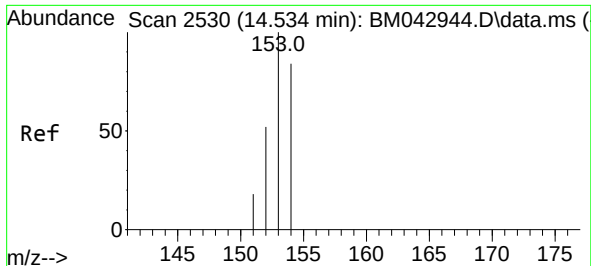
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#10
Acenaphthylene
Concen: 2.902 ng/ul
RT: 14.186 min Scan# 2455
Delta R.T. -0.014 min
Lab File: BM042950.D
Acq: 22 Nov 2023 13:51

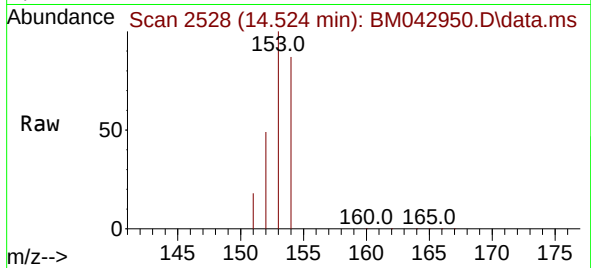
Tgt Ion:152 Resp: 24812
Ion Ratio Lower Upper
152 100
151 20.8 18.5 27.7
153 13.8 12.9 19.3





#11
Acenaphthene
Concen: 16.156 ng/ul
RT: 14.524 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM042950.D
Acq: 22 Nov 2023 13:51

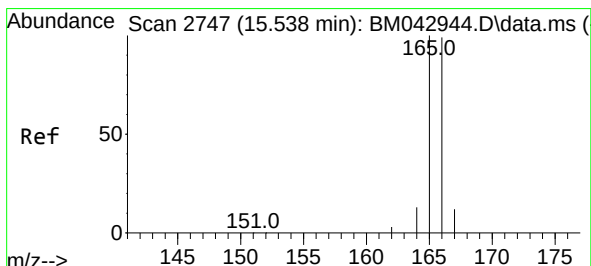
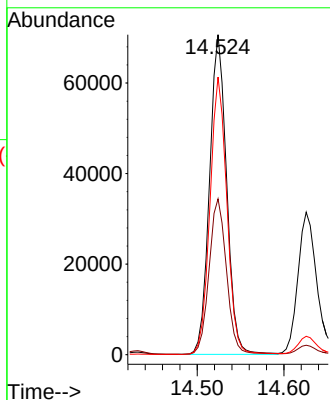
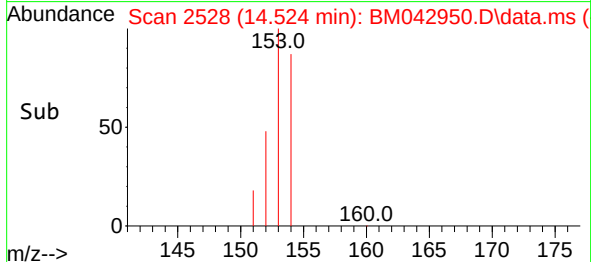
Instrument :
BNA_M
ClientSampleId :
DCKC3



Tgt Ion:153 Resp: 9685
Ion Ratio Lower Upper
153 100
152 48.7 43.3 64.9
154 86.7 70.6 105.8

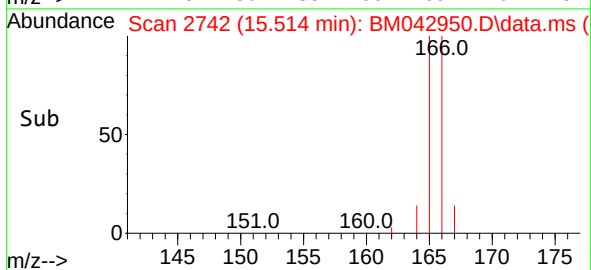
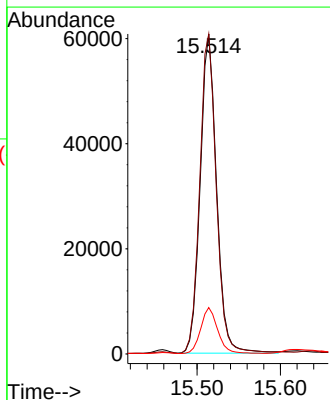
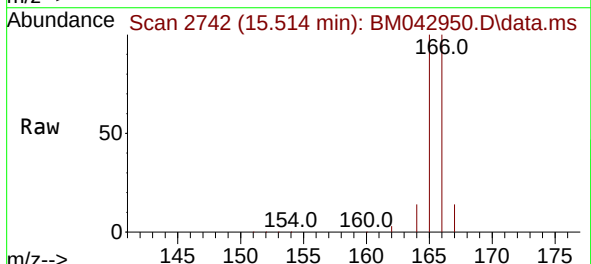
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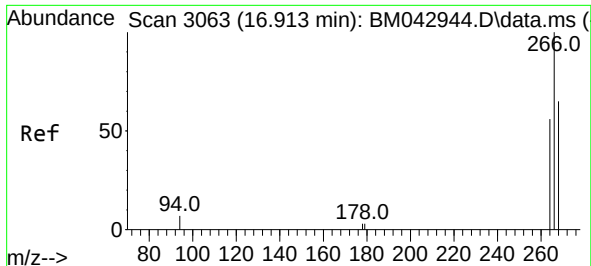
Reviewed By :Yogesh Patel 11/25/2023
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#12
Fluorene
Concen: 12.901 ng/ul
RT: 15.514 min Scan# 2742
Delta R.T. -0.014 min
Lab File: BM042950.D
Acq: 22 Nov 2023 13:51

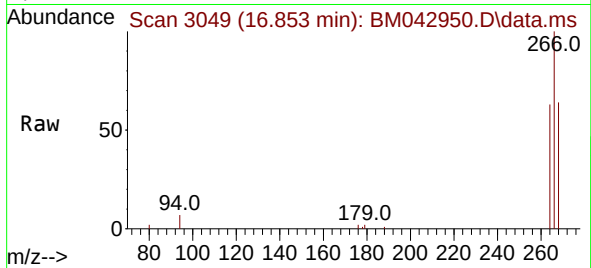
Tgt Ion:166 Resp: 83131
Ion Ratio Lower Upper
166 100
165 100.0 84.3 126.5
167 14.5 15.0 22.6





#14
Pentachlorophenol
Concen: 7.915 ng/ul
RT: 16.853 min Scan# 3063
Delta R.T. -0.038 min
Lab File: BM042950.D
Acq: 22 Nov 2023 13:51

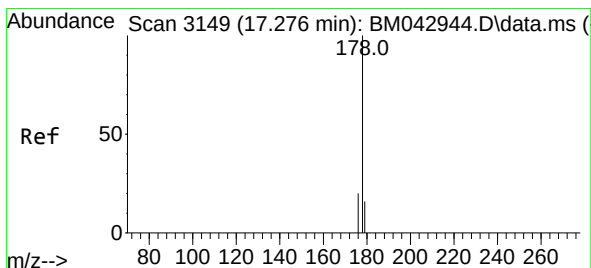
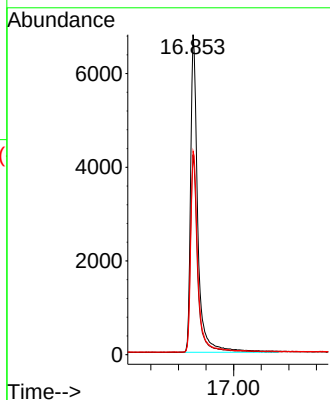
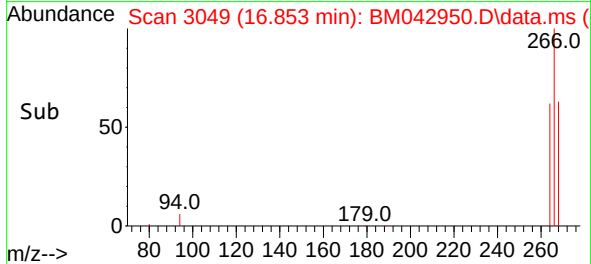
Instrument :
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Tgt Ion:266 Resp: 12269
Ion Ratio Lower Upper
266 100
264 62.2 52.2 78.2
268 64.0 48.0 72.0

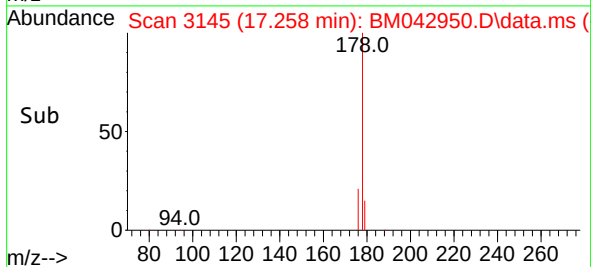
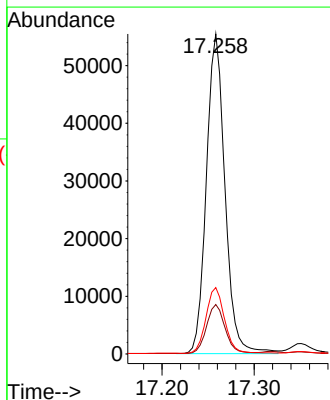
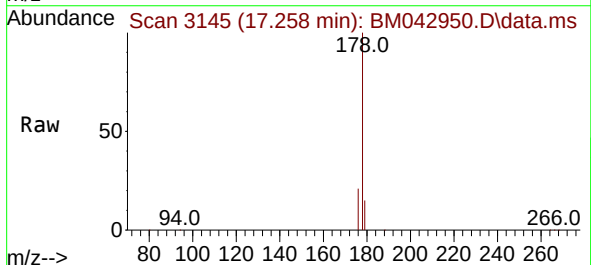
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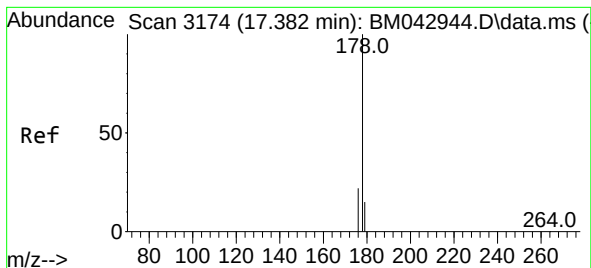
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#15
Phenanthrene
Concen: 7.962 ng/ul m
RT: 17.258 min Scan# 3145
Delta R.T. -0.013 min
Lab File: BM042950.D
Acq: 22 Nov 2023 13:51

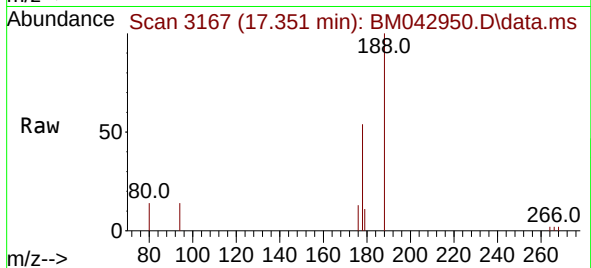
Tgt Ion:178 Resp: 77981
Ion Ratio Lower Upper
178 100
179 15.5 14.9 22.3
176 20.7 18.6 27.8





#16
 Anthracene
 Concen: 0.247 ng/u1
 RT: 17.351 min Scan# 3174
 Delta R.T. -0.021 min
 Lab File: BM042950.D
 Acq: 22 Nov 2023 13:51

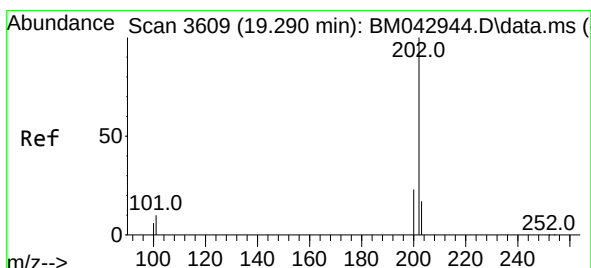
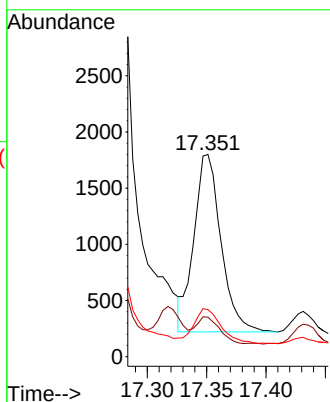
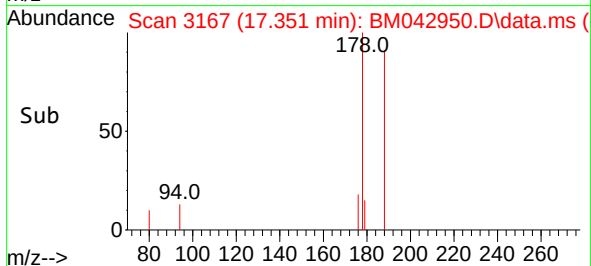
Instrument :
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Tgt Ion:178 Resp: 2512
 Ion Ratio Lower Upper
 178 100
 179 19.6 16.6 24.8
 176 23.3 20.3 30.5

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#19
 Fluoranthene
 Concen: 0.103 ng/u1
 RT: 19.280 min Scan# 3607
 Delta R.T. -0.005 min
 Lab File: BM042950.D
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Tgt Ion:202 Resp: 1145
 Ion Ratio Lower Upper
 202 100
 101 16.3 10.2 15.4#
 100 13.6 8.2 12.2#

