

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042948.D
 Acq On : 22 Nov 2023 12:38
 Operator : MA/JU
 Sample : 05268-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC0

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 00:10:36 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	791	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.612	136	1879	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.460	164	1113	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	2586m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.411	240	1693m	0.400	ng/ul	0.00
23) Perylene-d12	23.767	264	3714	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	3767	3.031	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	720	0.304	ng/ul	-0.03
18) Fluoranthene-d10	19.248	212	1995	0.362	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.661	128	158084	26.707	ng/ul#	85
7) 2-Methylnaphthalene	12.284	142	6803	1.965	ng/ul	95
8) 1-Methylnaphthalene	12.498	142	7629	2.095	ng/ul	98
10) Acenaphthylene	14.187	152	4354	0.589	ng/ul	98
11) Acenaphthene	14.525	153	18062	3.484	ng/ul	96
12) Fluorene	15.515	166	11278	2.024	ng/ul	93
14) Pentachlorophenol	16.854	266	14401	10.015	ng/ul	96
15) Phenanthrene	17.259	178	28444m	3.131	ng/ul	
16) Anthracene	17.352	178	3147	0.334	ng/ul	94
19) Fluoranthene	19.276	202	2229	0.208	ng/ul	97
20) Pyrene	19.643	202	960	0.084	ng/ul#	74

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

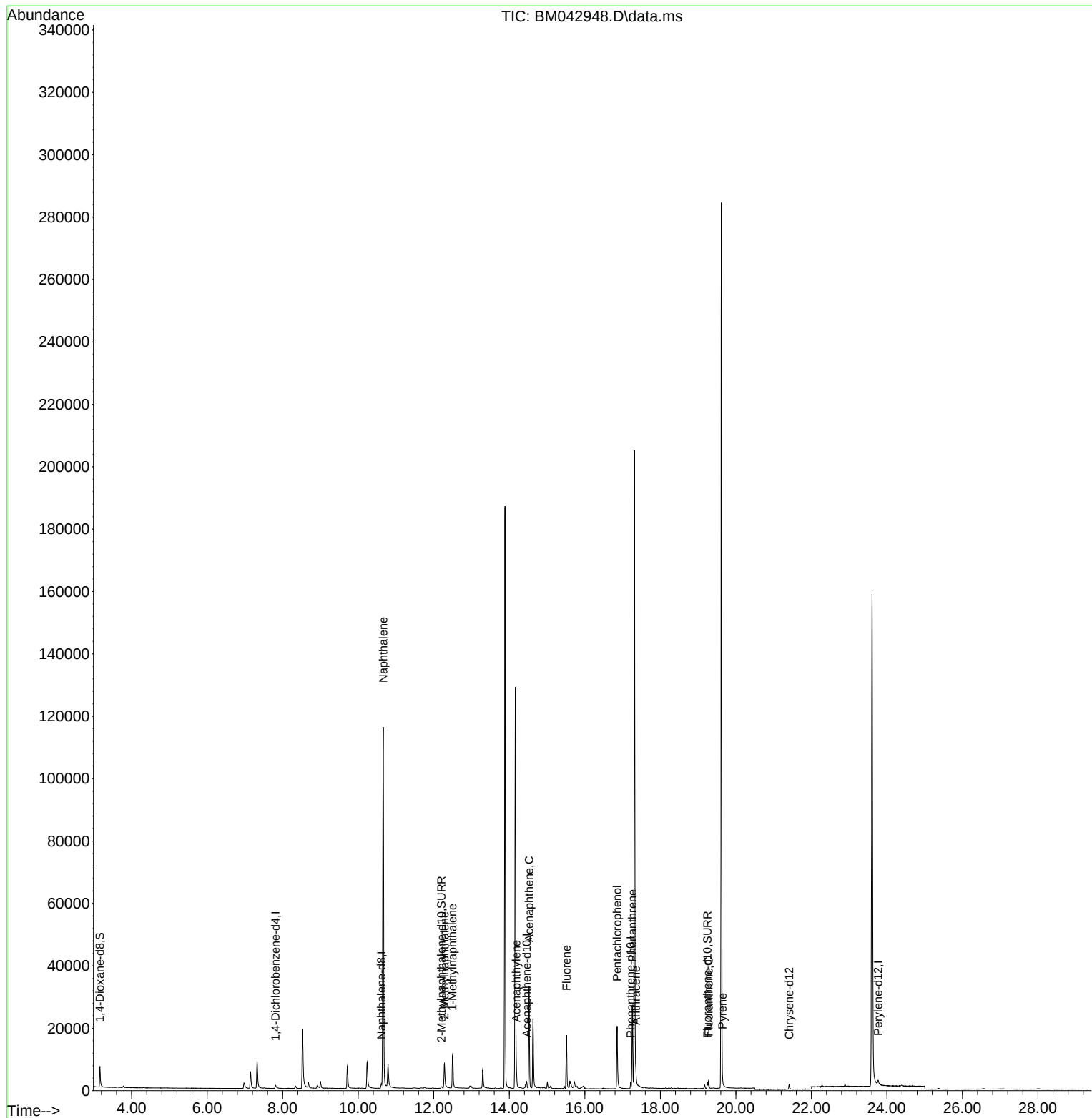
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042948.D
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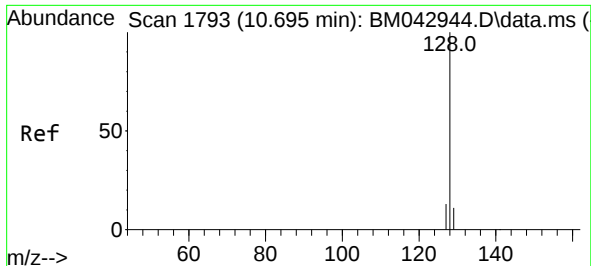
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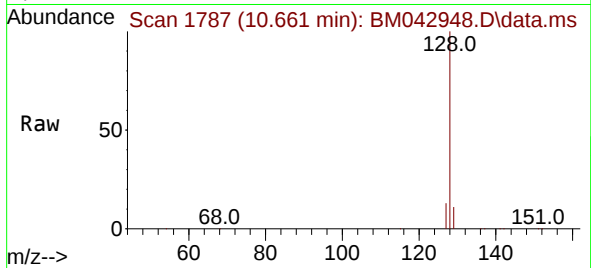
Quant Time: Nov 23 00:10:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:35:26 2023
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#5
Naphthalene
Concen: 26.707 ng/ul
RT: 10.661 min Scan# 1793
Delta R.T. -0.021 min
Lab File: BM042948.D
Acq: 22 Nov 2023 12:38

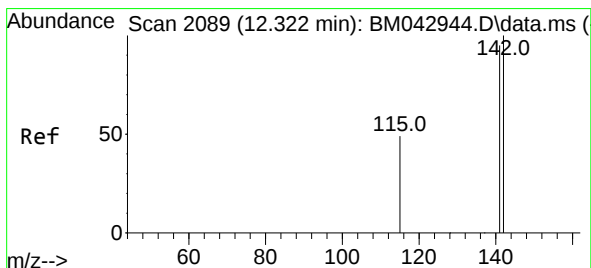
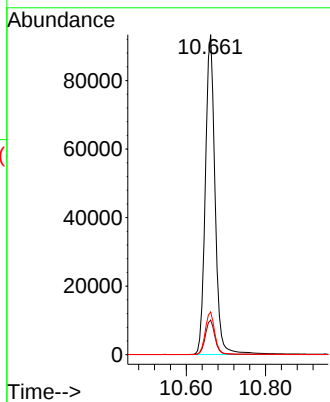
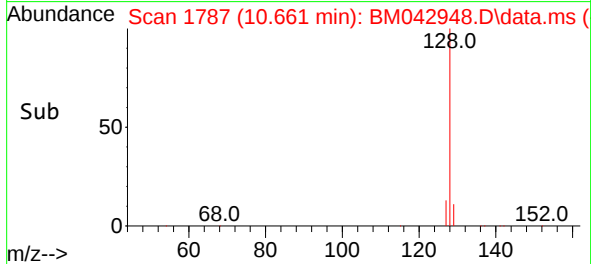
Instrument :
BNA_M
ClientSampleId :
DCKC0



Tgt Ion:128 Resp: 158084
Ion Ratio Lower Upper
128 100
129 10.8 14.2 21.4
127 13.3 15.8 23.6

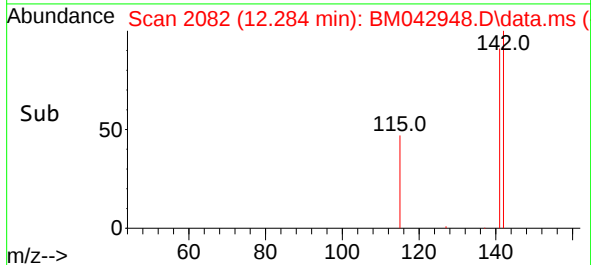
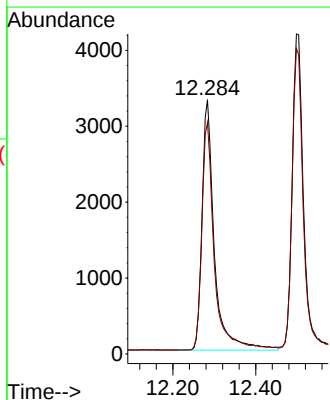
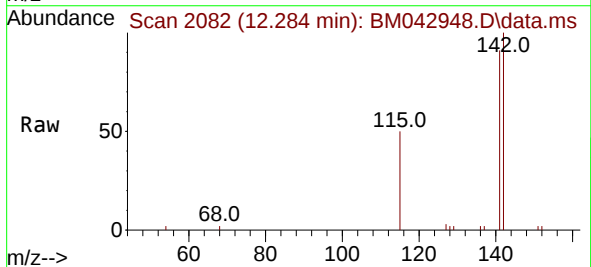
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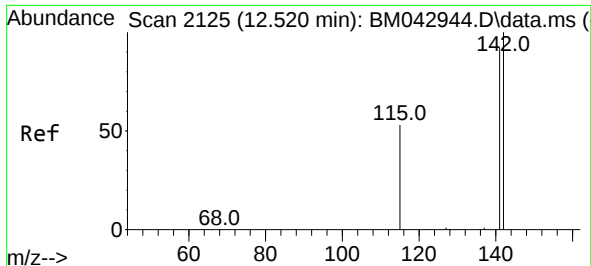
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#7
2-Methylnaphthalene
Concen: 1.965 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.026 min
Lab File: BM042948.D
Acq: 22 Nov 2023 12:38

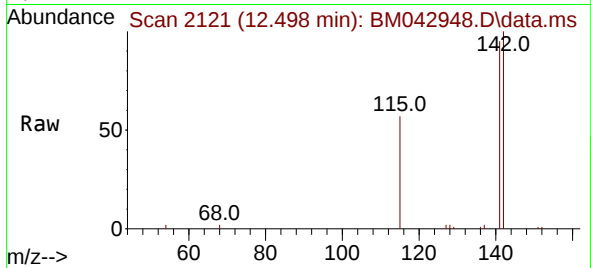
Tgt Ion:142 Resp: 6803
Ion Ratio Lower Upper
142 100
141 92.0 77.2 115.8





#8
1-Methylnaphthalene
Concen: 2.095 ng/ul
RT: 12.498 min Scan# 2125
Delta R.T. -0.021 min
Lab File: BM042948.D
Acq: 22 Nov 2023 12:38

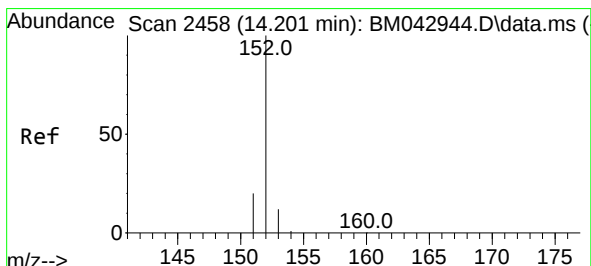
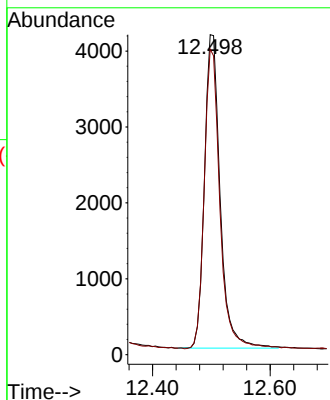
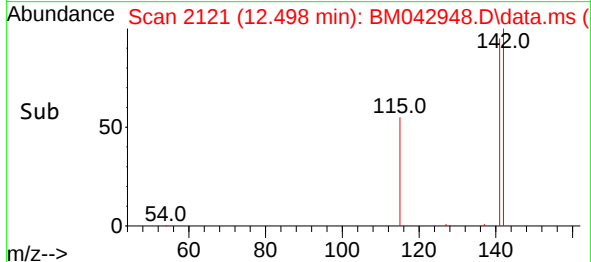
Instrument :
BNA_M
ClientSampleId :
DCKC0



Tgt Ion:142 Resp: 7629
Ion Ratio Lower Upper
142 100
141 95.6 74.6 112.0

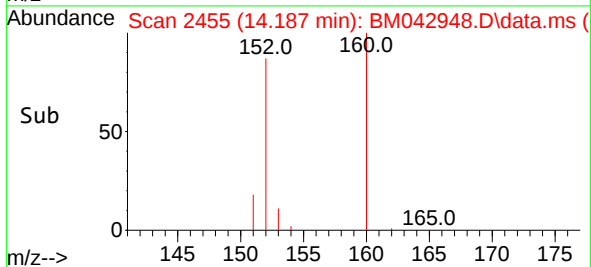
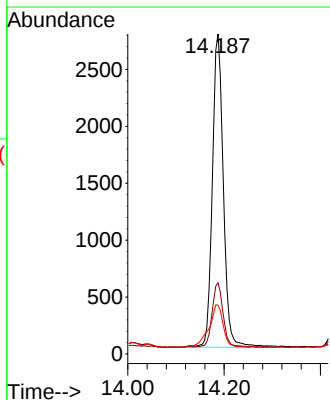
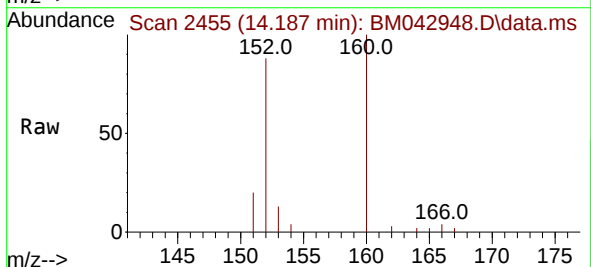
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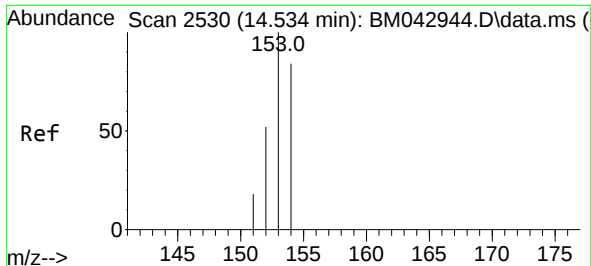
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#10
Acenaphthylene
Concen: 0.589 ng/ul
RT: 14.187 min Scan# 2455
Delta R.T. -0.013 min
Lab File: BM042948.D
Acq: 22 Nov 2023 12:38

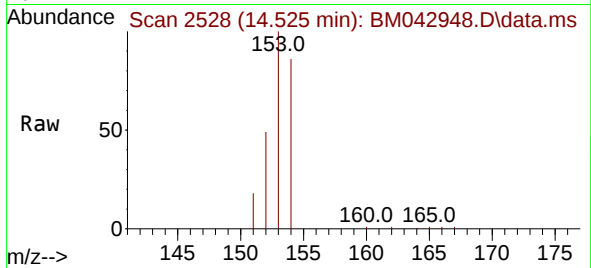
Tgt Ion:152 Resp: 4354
Ion Ratio Lower Upper
152 100
151 22.2 18.5 27.7
153 15.3 12.9 19.3





#11
Acenaphthene
Concen: 3.484 ng/ul
RT: 14.525 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM042948.D
Acq: 22 Nov 2023 12:38

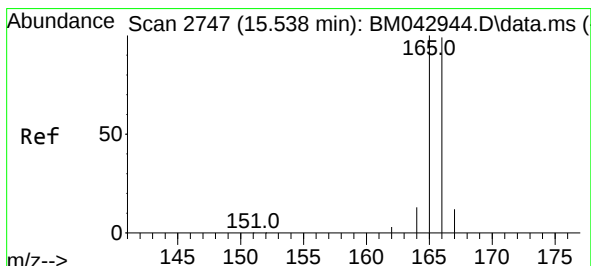
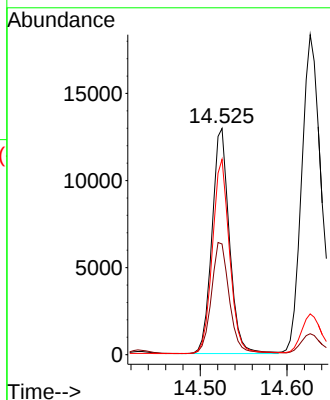
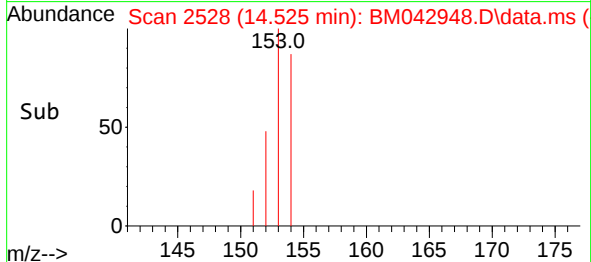
Instrument :
BNA_M
ClientSampleId :
DCKC0



Tgt Ion:153 Resp: 1806
Ion Ratio Lower Upper
153 100
152 48.9 43.3 64.9
154 86.3 70.6 105.8

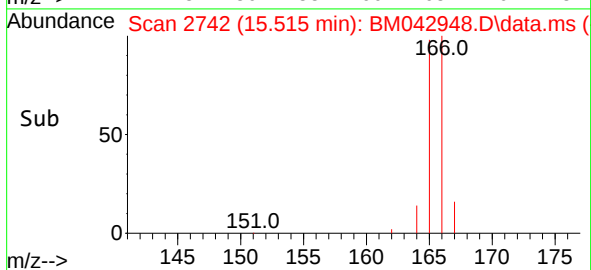
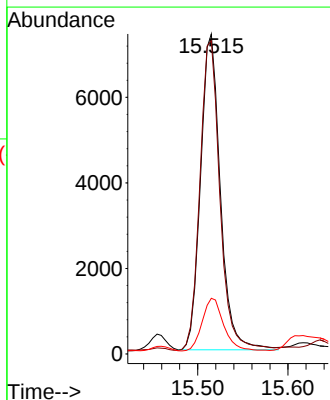
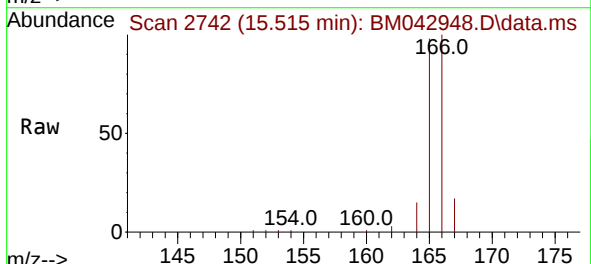
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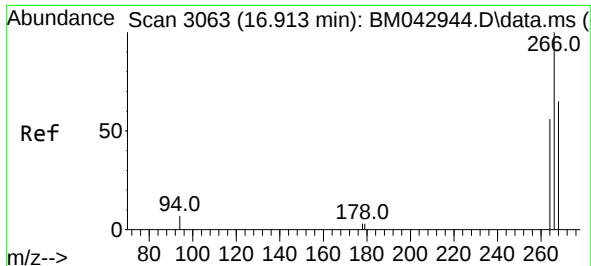
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#12
Fluorene
Concen: 2.024 ng/ul
RT: 15.515 min Scan# 2742
Delta R.T. -0.013 min
Lab File: BM042948.D
Acq: 22 Nov 2023 12:38

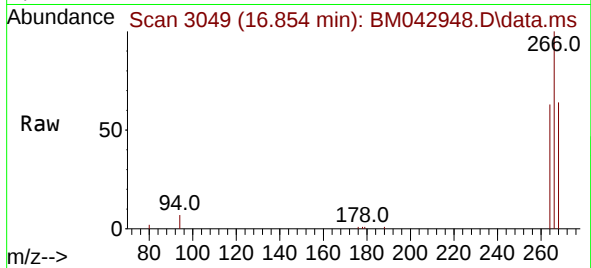
Tgt Ion:166 Resp: 11278
Ion Ratio Lower Upper
166 100
165 97.9 84.3 126.5
167 17.4 15.0 22.6





#14
Pentachlorophenol
Concen: 10.015 ng/ul
RT: 16.854 min Scan# 3063
Delta R.T. -0.037 min
Lab File: BM042948.D
Acq: 22 Nov 2023 12:38

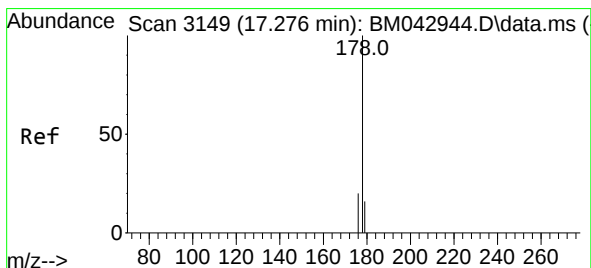
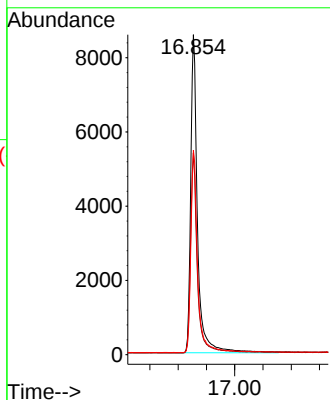
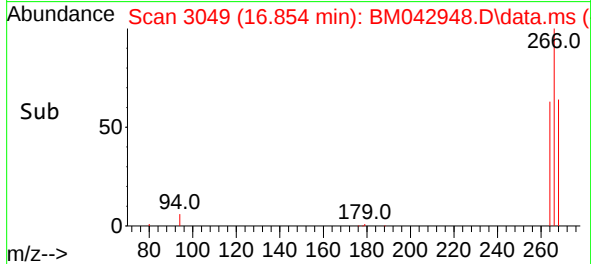
Instrument :
BNA_M
ClientSampleId :
DCKC0



Tgt Ion:266 Resp: 1440
Ion Ratio Lower Upper
266 100
264 63.0 52.2 78.2
268 64.6 48.0 72.0

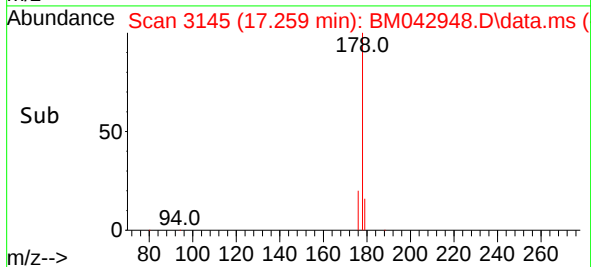
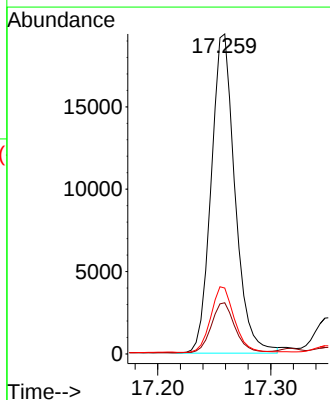
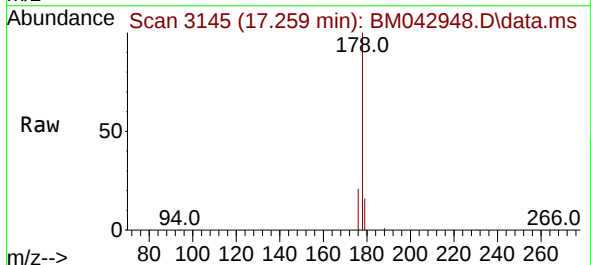
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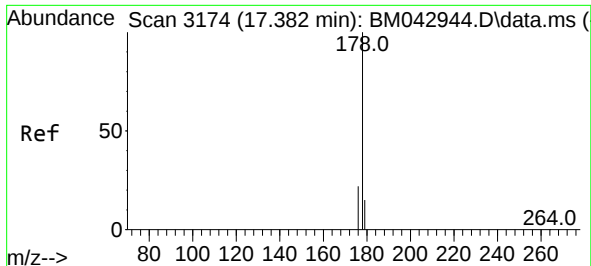
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#15
Phenanthrene
Concen: 3.131 ng/ul m
RT: 17.259 min Scan# 3145
Delta R.T. -0.012 min
Lab File: BM042948.D
Acq: 22 Nov 2023 12:38

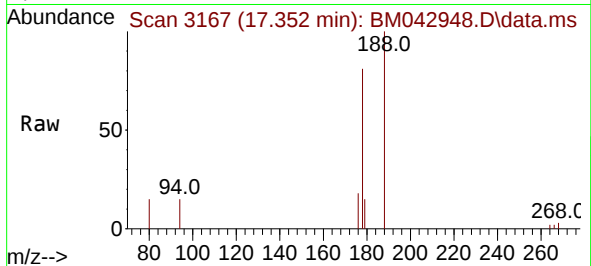
Tgt Ion:178 Resp: 28444
Ion Ratio Lower Upper
178 100
179 16.0 14.9 22.3
176 20.6 18.6 27.8





#16
 Anthracene
 Concen: 0.334 ng/ul
 RT: 17.352 min Scan# 3174
 Delta R.T. -0.020 min
 Lab File: BM042948.D
 Acq: 22 Nov 2023 12:38

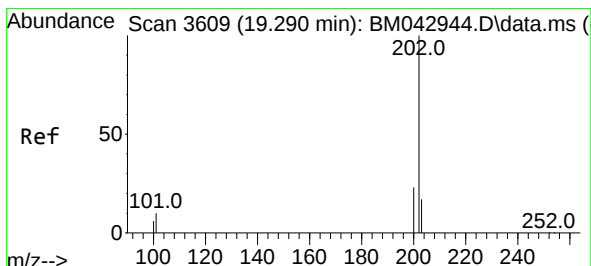
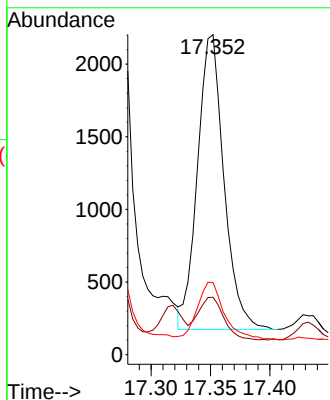
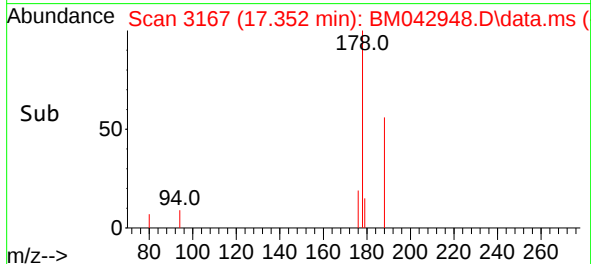
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 DCKC0



Tgt Ion:178 Resp: 3147
 Ion Ratio Lower Upper
 178 100
 179 18.0 16.6 24.8
 176 22.6 20.3 30.5

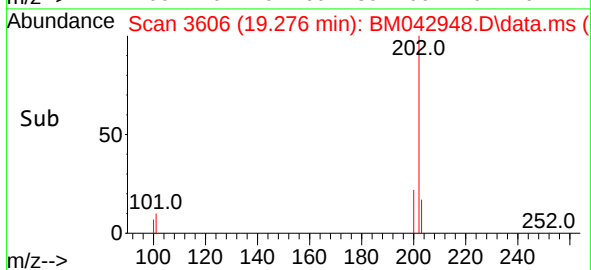
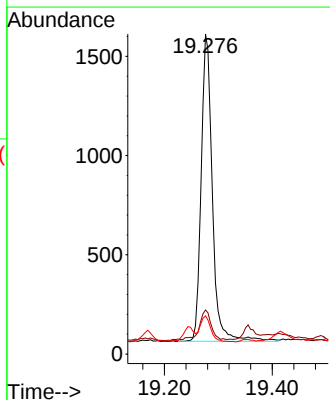
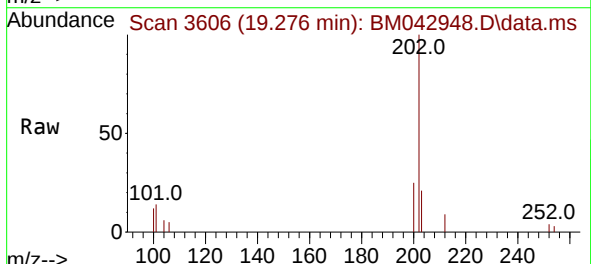
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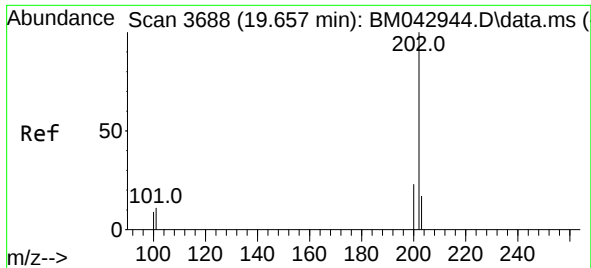
Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/25/2023



#19
 Fluoranthene
 Concen: 0.208 ng/ul
 RT: 19.276 min Scan# 3606
 Delta R.T. -0.008 min
 Lab File: BM042948.D
 Acq: 22 Nov 2023 12:38

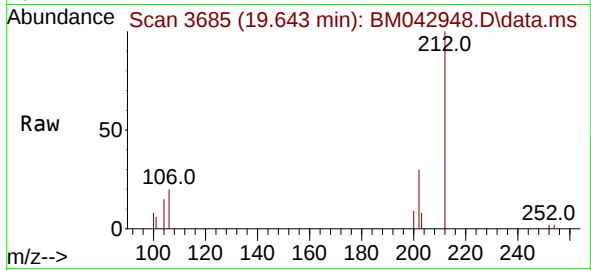
Tgt Ion:202 Resp: 2229
 Ion Ratio Lower Upper
 202 100
 101 13.8 10.2 15.4
 100 11.9 8.2 12.2





#20
Pyrene
Concen: 0.084 ng/ul
RT: 19.643 min Scan# 30
Delta R.T. -0.008 min
Lab File: BM042948.D
Acq: 22 Nov 2023 12:38

Instrument :
BNA_M
ClientSampleId :
DCKC0



Tgt Ion:202 Resp: 960
Ion Ratio Lower Upper
202 100
101 19.6 11.2 16.8
100 28.5 10.3 15.5

Manual Integrations
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