

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043093.D
 Acq On : 30 Nov 2023 20:04
 Operator : MA/JU
 Sample : 05459-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 00:44:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	1252	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.601	136	3579	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.451	164	2076m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	4204m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.411	240	2585m	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	3346m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	4523	2.354	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	1349	0.282	ng/ul	-0.02
18) Fluoranthene-d10	19.239	212	3158	0.335	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.656	128	919	0.094	ng/ul	95
7) 2-Methylnaphthalene	12.295	142	594	0.104	ng/ul	91
8) 1-Methylnaphthalene	12.504	142	417	0.065	ng/ul	99
15) Phenanthrene	17.247	178	1109	0.092	ng/ul	93
19) Fluoranthene	19.267	202	720	0.049	ng/ul#	73

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

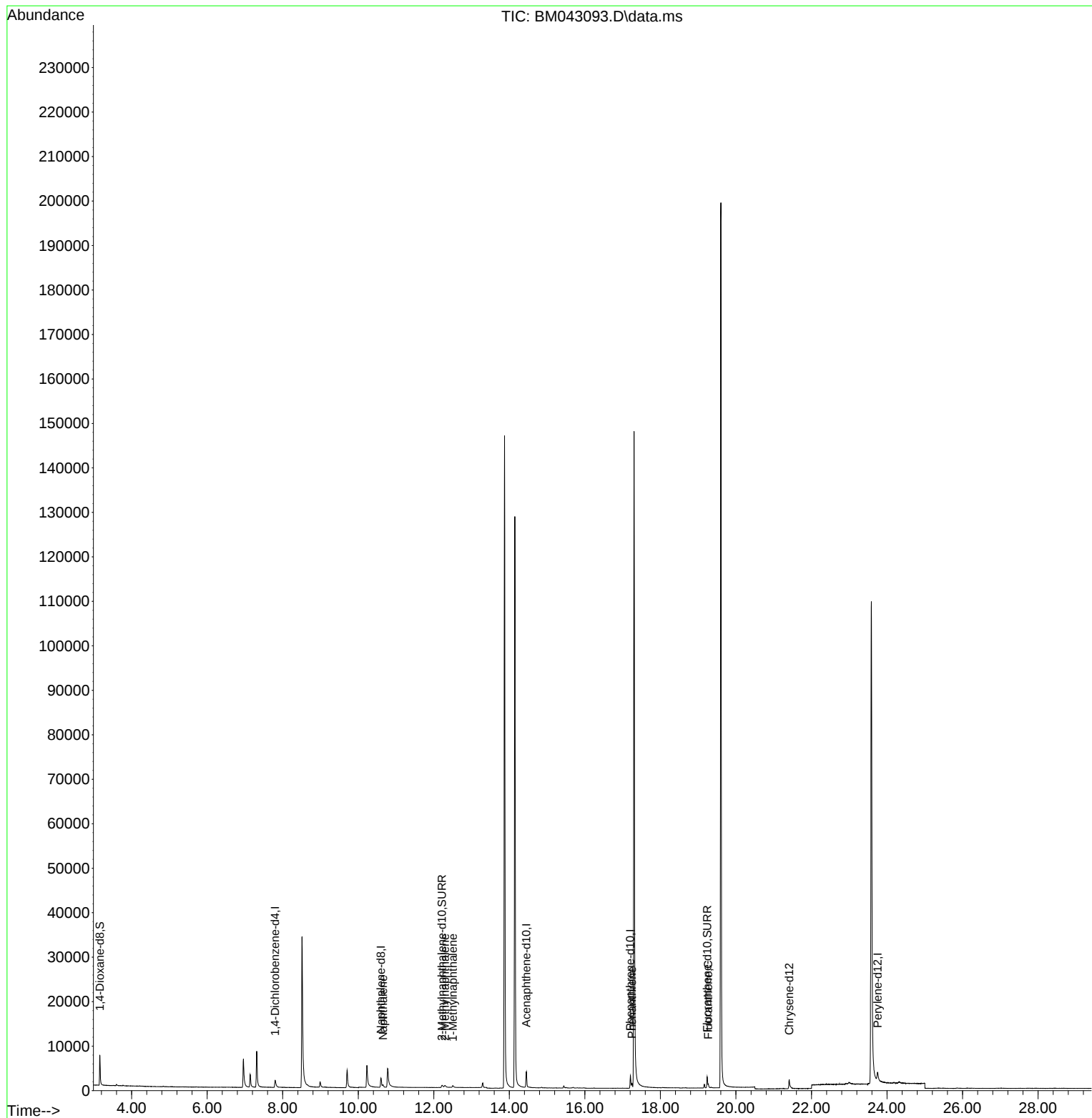
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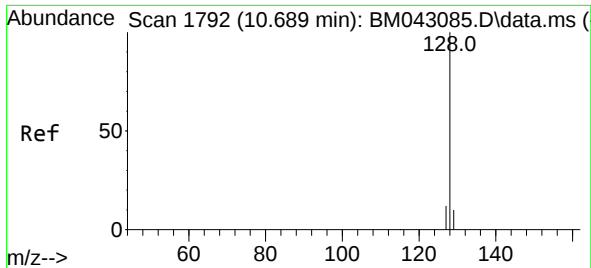
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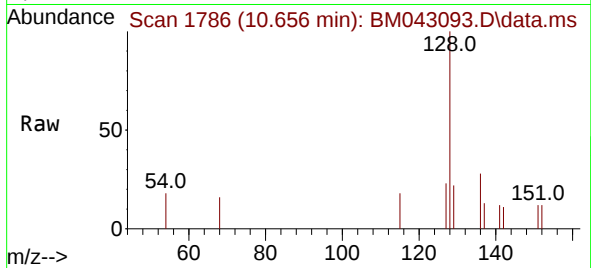
Quant Time: Dec 01 00:44:20 2023
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QLast Update : Fri Dec 01 00:42:42 2023
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#5
Naphthalene
Concen: 0.094 ng/ul
RT: 10.656 min Scan# 1786
Delta R.T. -0.033 min
Lab File: BM043093.D
Acq: 30 Nov 2023 20:04

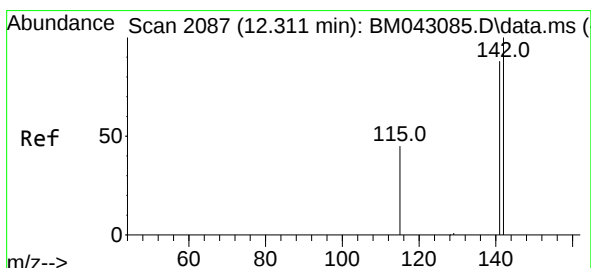
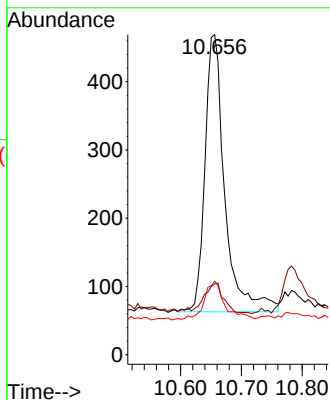
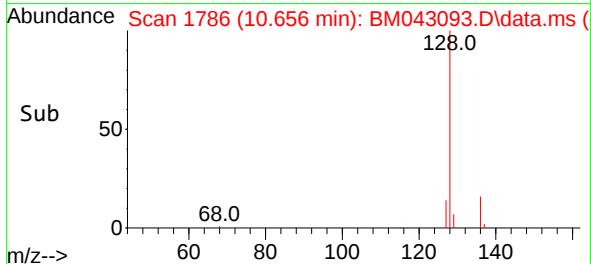
Instrument :
BNA_M
ClientSampleId :
C0AH9



Tgt Ion:128 Resp: 919
Ion Ratio Lower Upper
128 100
129 22.2 16.0 24.0
127 23.0 16.5 24.7

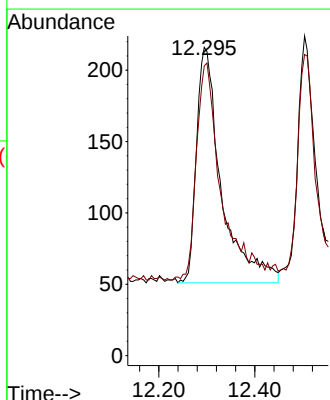
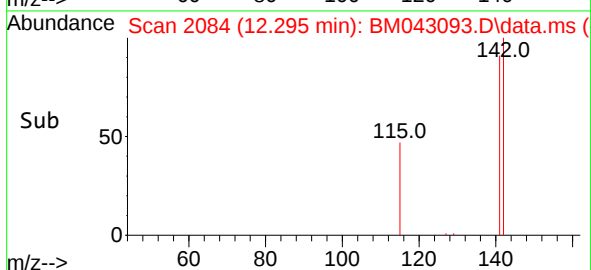
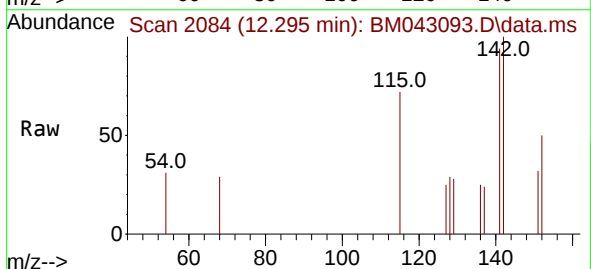
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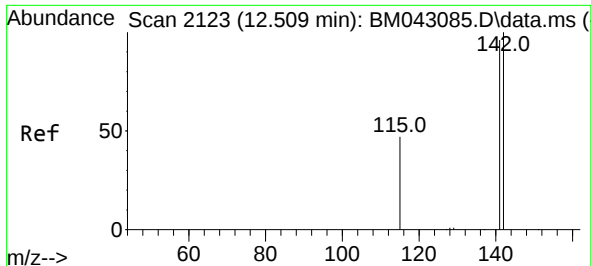
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.295 min Scan# 2084
Delta R.T. -0.016 min
Lab File: BM043093.D
Acq: 30 Nov 2023 20:04

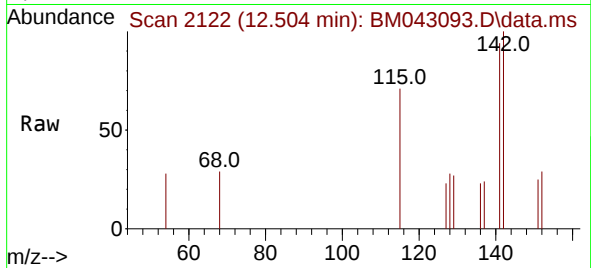
Tgt Ion:142 Resp: 594
Ion Ratio Lower Upper
142 100
141 86.4 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.504 min Scan# 2123
Delta R.T. -0.005 min
Lab File: BM043093.D
Acq: 30 Nov 2023 20:04

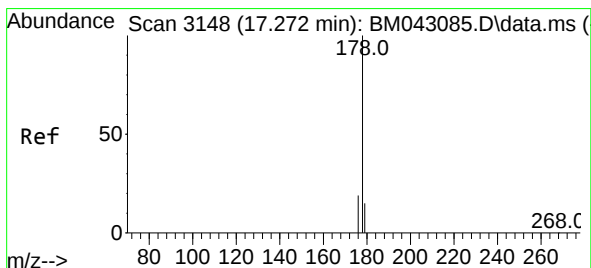
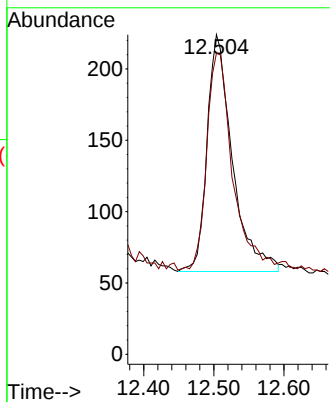
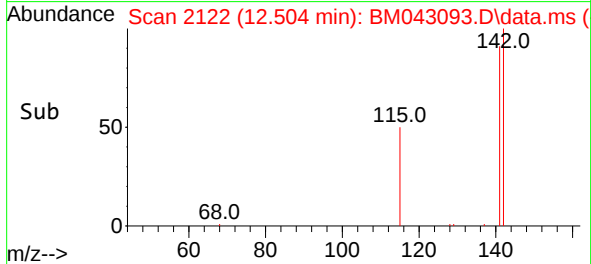
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Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
141 91.1 73.8 110.8

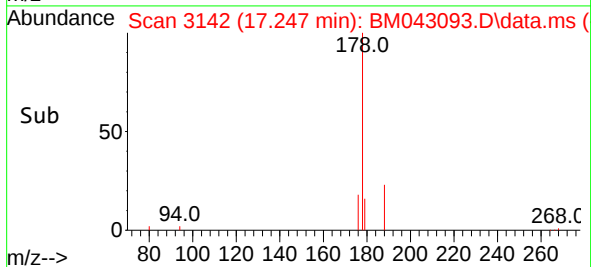
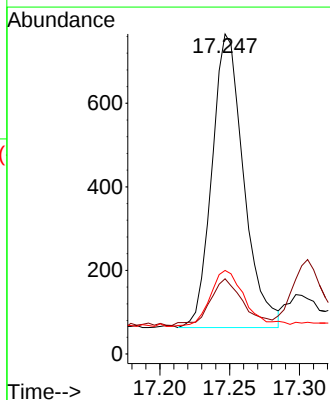
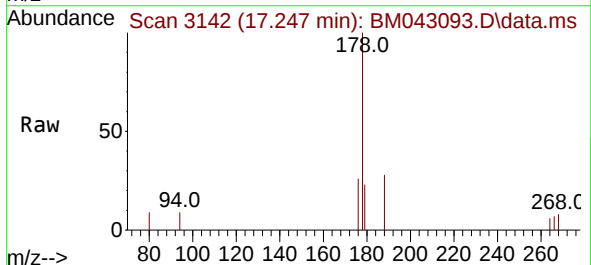
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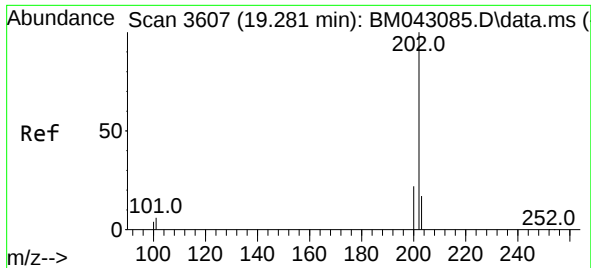
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Supervised By :mohammad ahmed 12/04/2023



#15
Phenanthrene
Concen: 0.092 ng/ul
RT: 17.247 min Scan# 3142
Delta R.T. -0.025 min
Lab File: BM043093.D
Acq: 30 Nov 2023 20:04

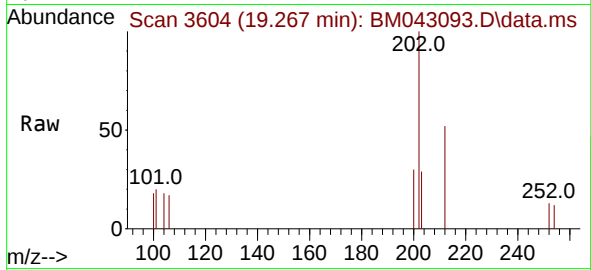
Tgt Ion:178 Resp: 1109
Ion Ratio Lower Upper
178 100
179 23.5 15.7 23.5
176 26.1 18.9 28.3





#19
 Fluoranthene
 Concen: 0.049 ng/ul
 RT: 19.267 min Scan# 30
 Delta R.T. -0.014 min
 Lab File: BM043093.D
 Acq: 30 Nov 2023 20:04

Instrument :
 BNA_M
 ClientSampleId :
 C0AH9



Tgt Ion:202 Resp: 720
 Ion Ratio Lower Upper
 202 100
 101 20.3 7.8 11.8
 100 18.4 7.1 10.7

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