

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049100.D
 Acq On : 20 Dec 2024 14:26
 Operator : RC/JU
 Sample : P5265-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z8

Manual Integrations
 APPROVED

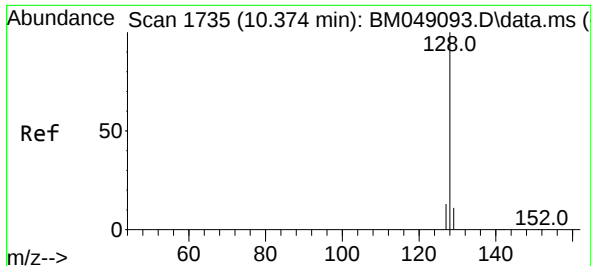
Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 14:55:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

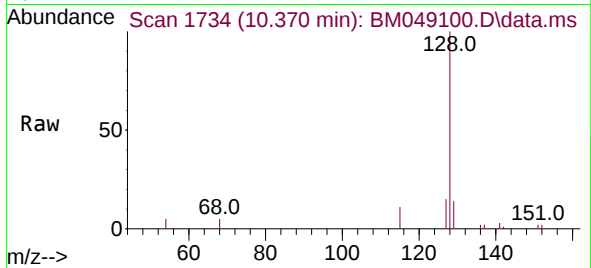
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	7038	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	21889	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.197	164	15722	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.947	188	29375m	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	23811m	0.400	ng/ul	0.00
23) Perylene-d12	23.314	264	25942m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	26623	3.280	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	5674	0.193	ng/ul	0.00
18) Fluoranthene-d10	18.983	212	14228m	0.211	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.370	128	11473	0.209	ng/ul	94
7) 2-Methylnaphthalene	11.992	142	27252	0.785	ng/ul	98
8) 1-Methylnaphthalene	12.218	142	21625	0.608	ng/ul	95
12) Fluorene	15.252	166	21241	0.396	ng/ul#	68
15) Phenanthrene	16.985	178	151213m	1.971	ng/ul	
19) Fluoranthene	19.016	202	22000m	0.256	ng/ul	

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



#5
Naphthalene
Concen: 0.209 ng/ul
RT: 10.370 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BM049100.D
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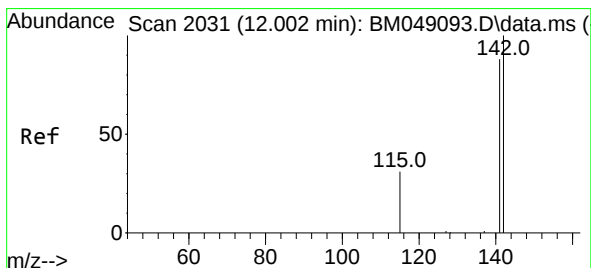
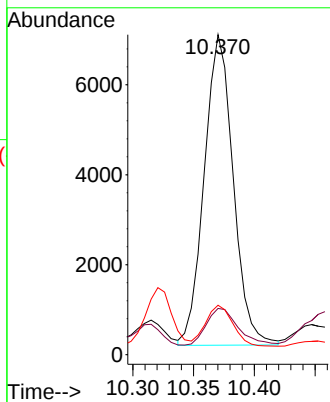
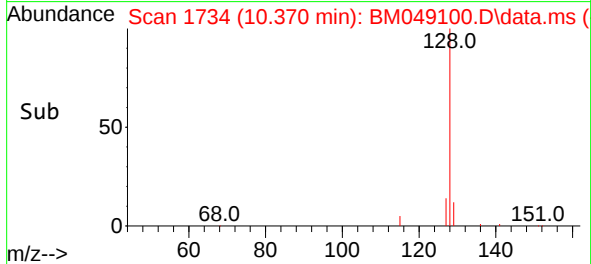
Instrument :
BNA_M
ClientSampleId :
E28Z8



Tgt Ion:128 Resp: 1147
Ion Ratio Lower Upper
128 100
129 14.5 9.7 14.5
127 15.4 10.6 16.0

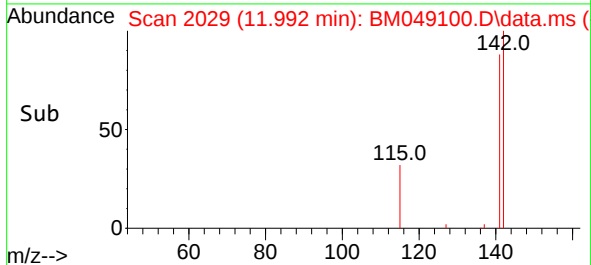
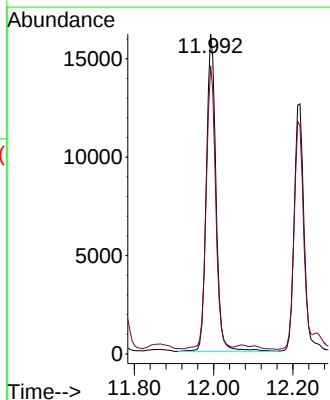
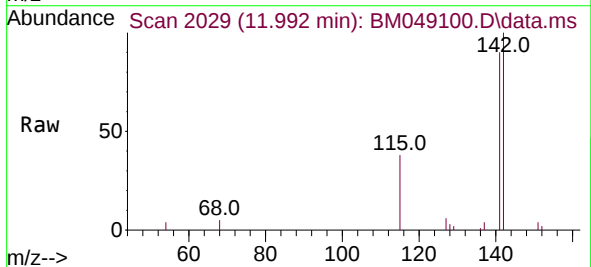
Manual Integrations
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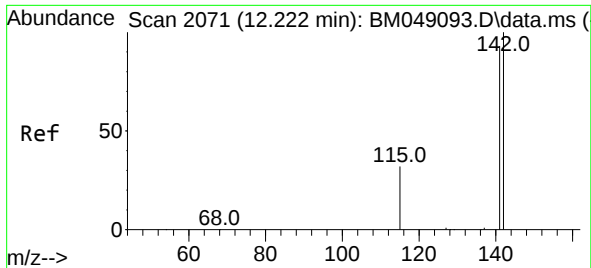
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.785 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.010 min
Lab File: BM049100.D
Acq: 20 Dec 2024 14:26

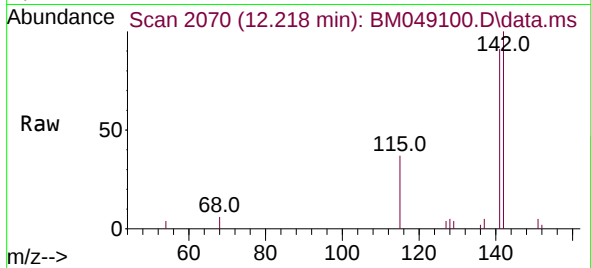
Tgt Ion:142 Resp: 27252
Ion Ratio Lower Upper
142 100
141 87.7 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.608 ng/ul
RT: 12.218 min Scan# 2071
Delta R.T. -0.004 min
Lab File: BM049100.D
Acq: 20 Dec 2024 14:26

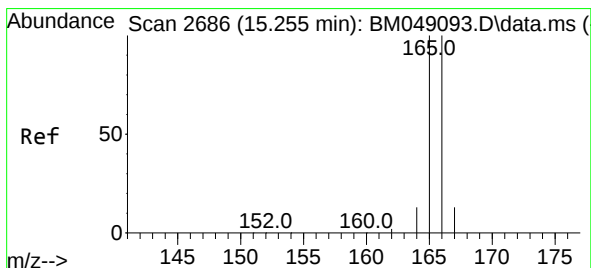
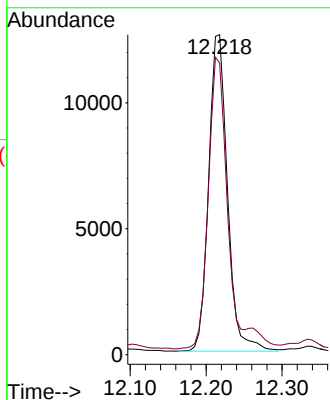
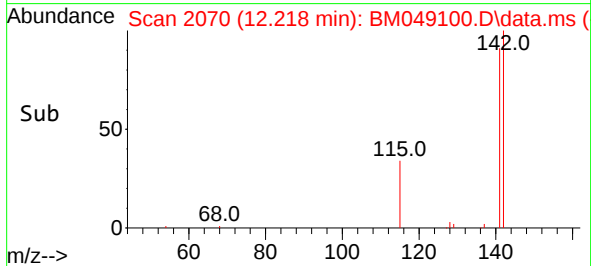
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Tgt Ion:142 Resp: 21629
Ion Ratio Lower Upper
142 100
141 96.0 72.7 109.1

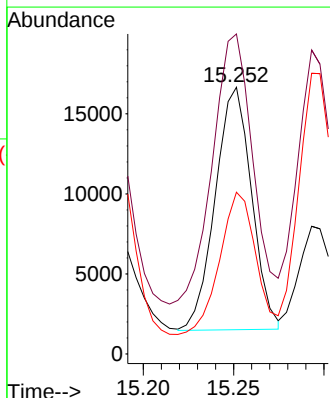
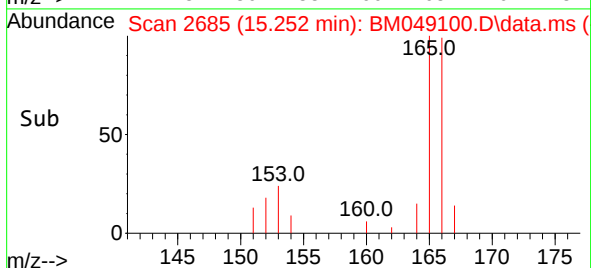
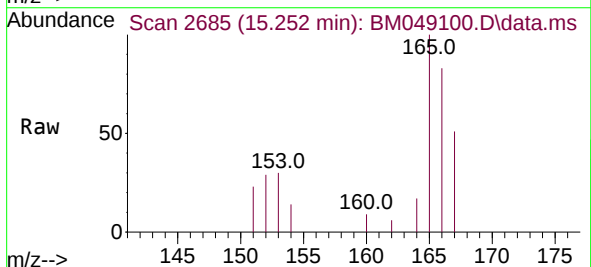
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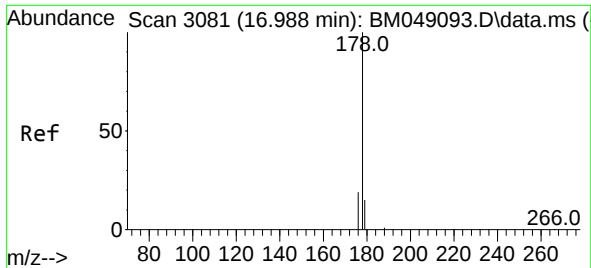
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.252 min Scan# 2685
Delta R.T. -0.003 min
Lab File: BM049100.D
Acq: 20 Dec 2024 14:26

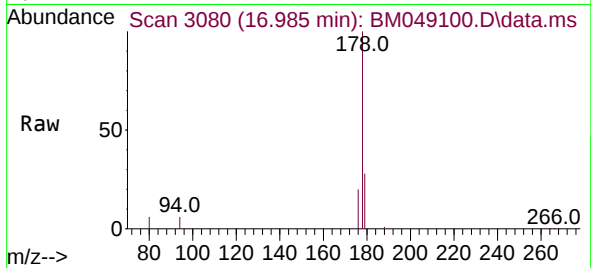
Tgt Ion:166 Resp: 21241
Ion Ratio Lower Upper
166 100
165 120.0 79.7 119.5#
167 60.6 11.4 17.0#





#15
Phenanthrene
Concen: 1.971 ng/ul m
RT: 16.985 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM049100.D
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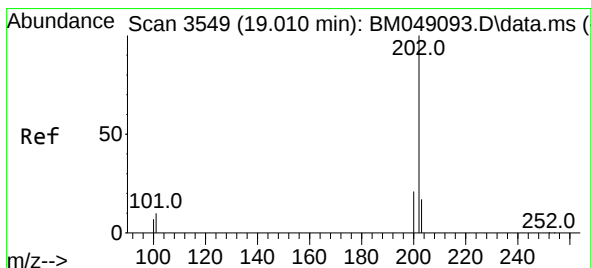
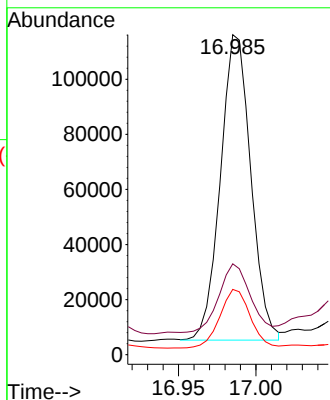
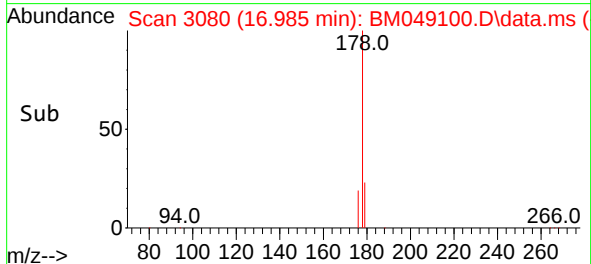
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 15121
Ion Ratio Lower Upper
178 100
179 28.4 13.0 19.4#
176 20.4 16.2 24.2

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#19
Fluoranthene
Concen: 0.256 ng/ul m
RT: 19.016 min Scan# 3550
Delta R.T. 0.001 min
Lab File: BM049100.D
Acq: 20 Dec 2024 14:26

Tgt Ion:202 Resp: 22000
Ion Ratio Lower Upper
202 100
101 20.1 7.6 11.4#
100 14.5 5.5 8.3#

