

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063022\
 Data File : BM035783.D
 Acq On : 30 Jun 2022 16:12
 Operator : CG/JU
 Sample : N3374-09DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4T9DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 01:16:58 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	3332m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.567	136	12778m	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.413	164	6436m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.161	188	13143m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.357	240	14319m	0.400	ng/ul	-0.02
23) Perylene-d12	23.677	264	14212m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	11352	2.510	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.167	152	3676	0.184	ng/ul	-0.06
18) Fluoranthene-d10	19.196	212	6691m	0.139	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	20811	4.653	ng/ul#	77
5) Naphthalene	10.616	128	20558	0.526	ng/ul	100
7) 2-Methylnaphthalene	12.239	142	7120m	0.291	ng/ul	
8) 1-Methylnaphthalene	12.453	142	5279m	0.228	ng/ul	
11) Acenaphthene	14.473	153	13259	0.510	ng/ul	98
12) Fluorene	15.463	166	12150	0.406	ng/ul#	96
15) Phenanthrene	17.199	178	42100m	0.884	ng/ul	
16) Anthracene	17.292	178	28706m	0.725	ng/ul	
19) Fluoranthene	19.224	202	10511m	0.147	ng/ul	
20) Pyrene	19.587	202	6249m	0.078	ng/ul	

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

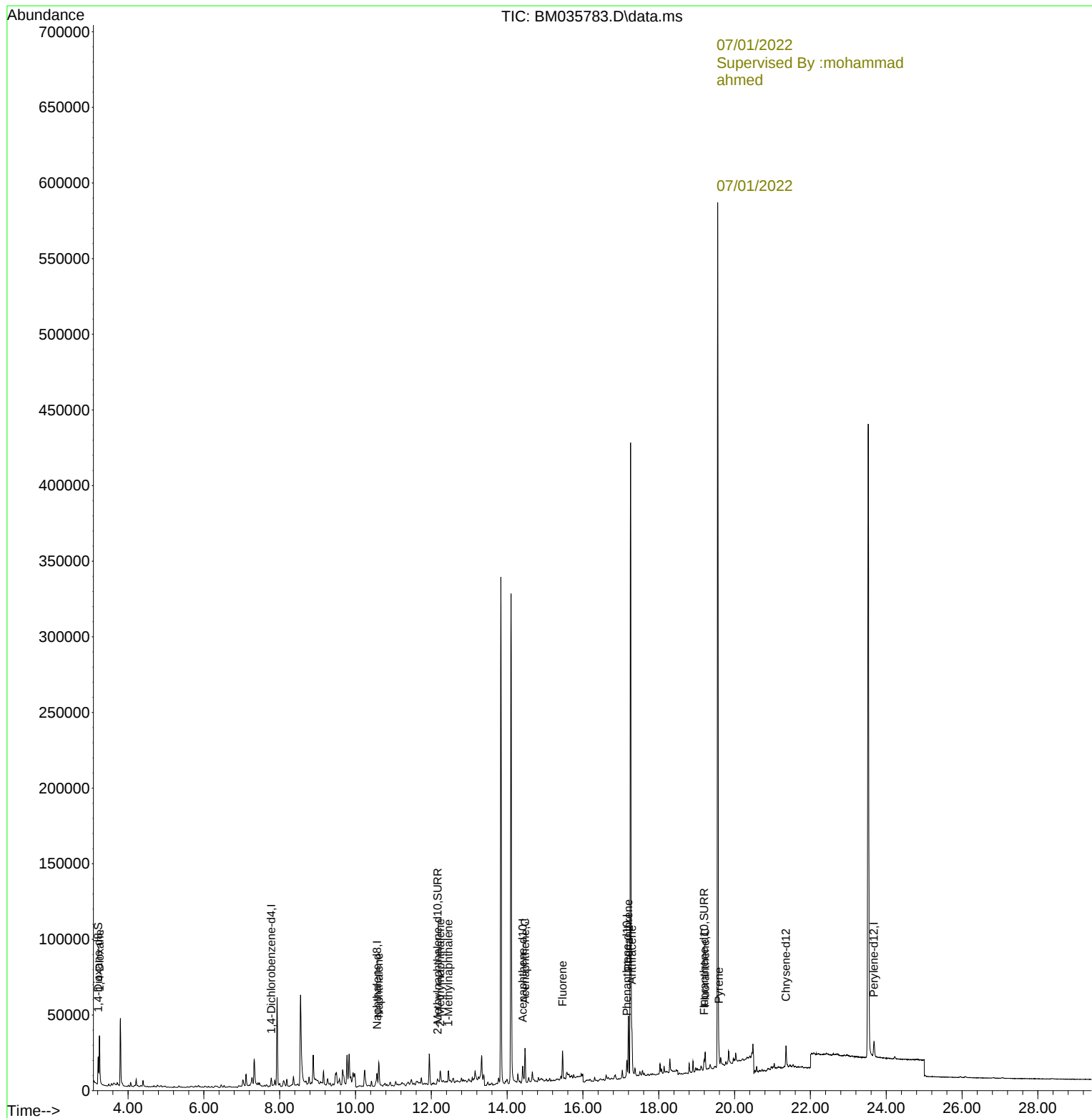
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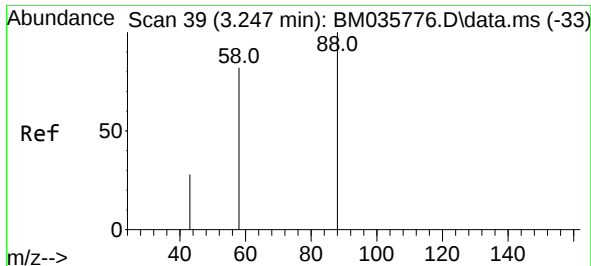
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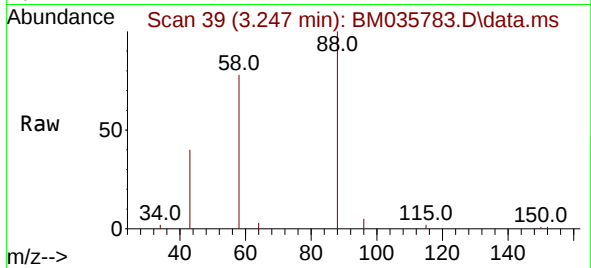
Quant Time: Jul 01 01:16:58 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:48:53 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 4.653 ng/ul
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035783.D
Acq: 30 Jun 2022 16:12

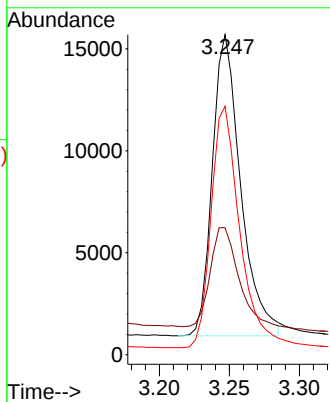
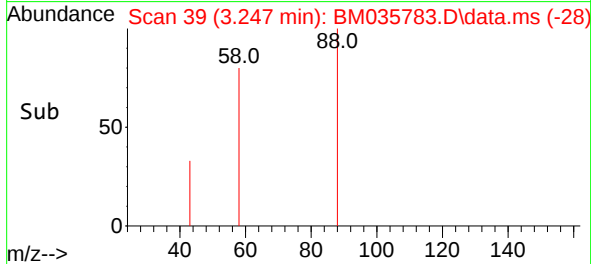
Instrument :
BNA_M
ClientSampleId :
EW4T9DL



Tgt Ion: 88 Resp: 2081
Ion Ratio Lower Upper
88 100
43 39.7 37.8 56.6
58 77.6 42.6 63.8

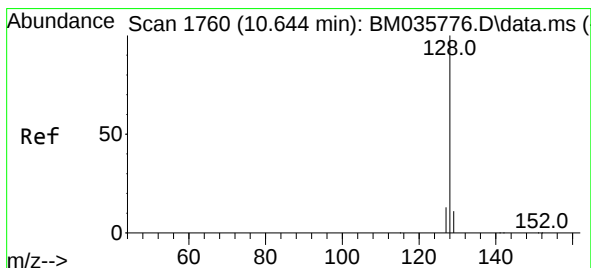
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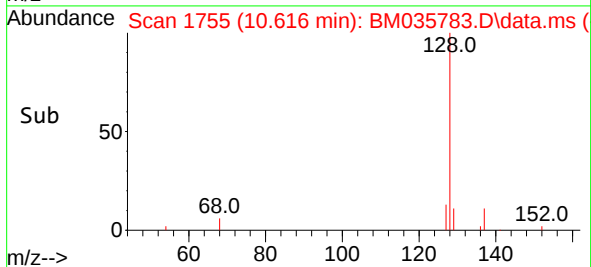
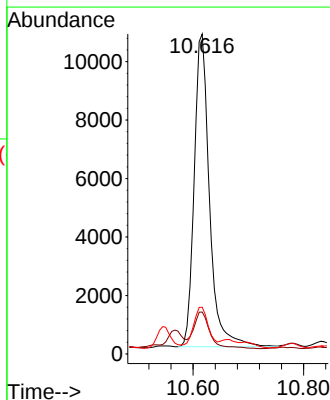
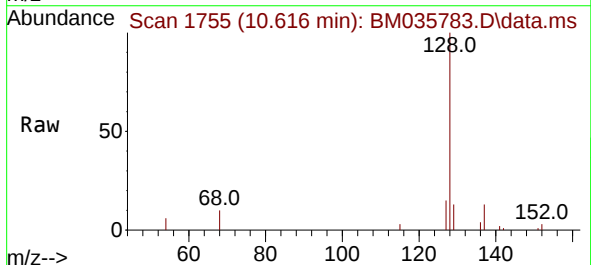
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ahmed

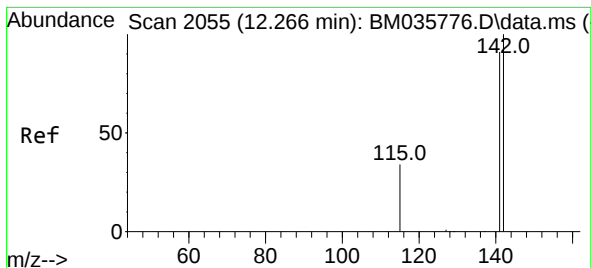
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#5
Naphthalene
Concen: 0.526 ng/ul
RT: 10.616 min Scan# 1755
Delta R.T. -0.055 min
Lab File: BM035783.D
Acq: 30 Jun 2022 16:12

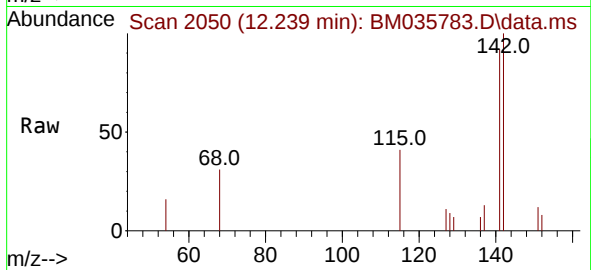
Tgt Ion:128 Resp: 20558
Ion Ratio Lower Upper
128 100
129 13.1 10.2 15.2
127 14.6 11.7 17.5





#7
2-Methylnaphthalene
Concen: 0.291 ng/ul m
RT: 12.239 min Scan# 2050
Delta R.T. -0.060 min
Lab File: BM035783.D
Acq: 30 Jun 2022 16:12

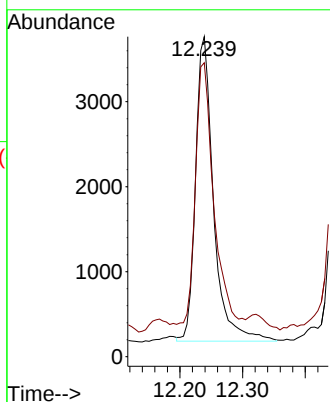
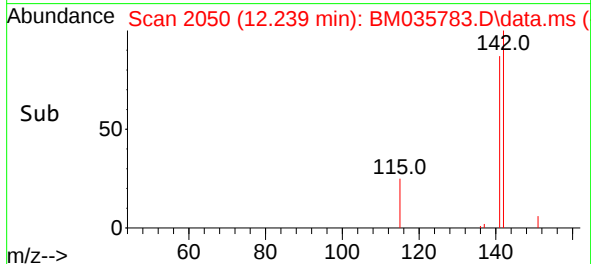
Instrument :
BNA_M
ClientSampleId :
EW4T9DL



Tgt Ion:142 Resp: 7120
Ion Ratio Lower Upper
142 100
141 73.9 77.4 116.0

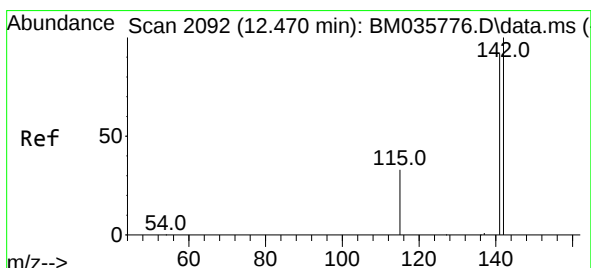
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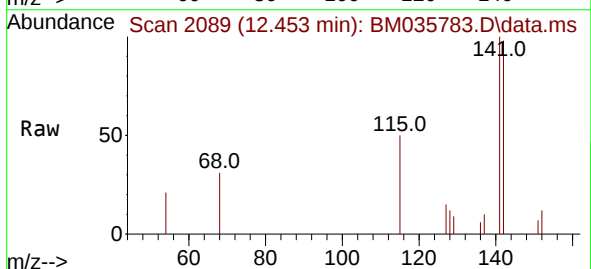


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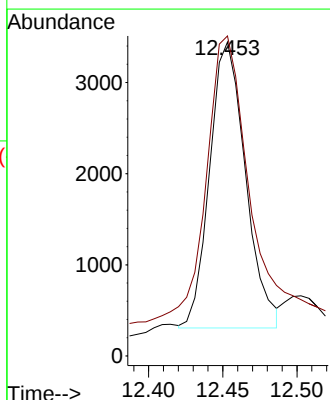
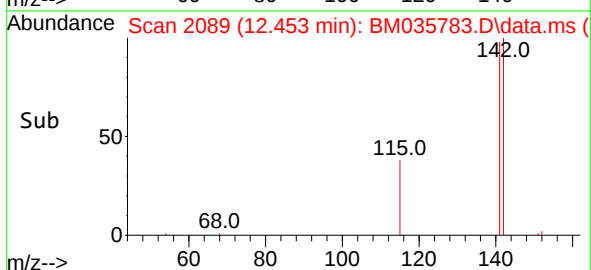
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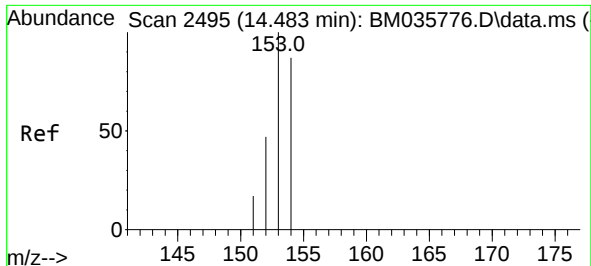


#8
1-Methylnaphthalene
Concen: 0.228 ng/ul m
RT: 12.453 min Scan# 2089
Delta R.T. -0.038 min
Lab File: BM035783.D
Acq: 30 Jun 2022 16:12



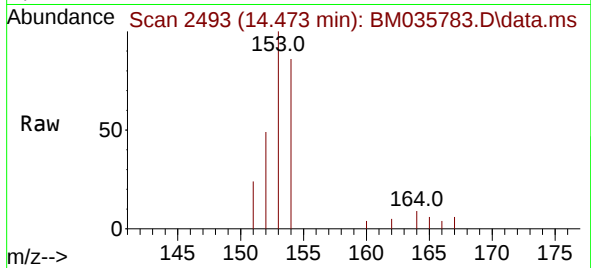
Tgt Ion:142 Resp: 5279
Ion Ratio Lower Upper
142 100
141 0.0 74.1 111.1#





#11
Acenaphthene
Concen: 0.510 ng/u1
RT: 14.473 min Scan# 2495
Delta R.T. -0.024 min
Lab File: BM035783.D
Acq: 30 Jun 2022 16:12

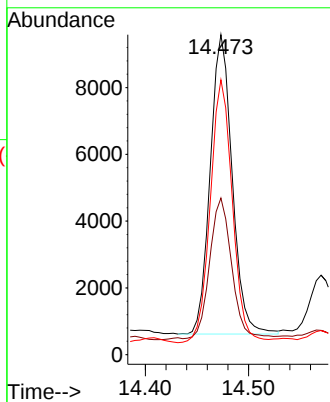
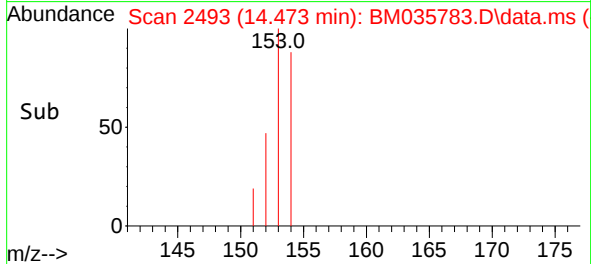
Instrument :
BNA_M
ClientSampleId :
EW4T9DL



Tgt Ion:153 Resp: 13259
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.4
154 85.9 69.7 104.5

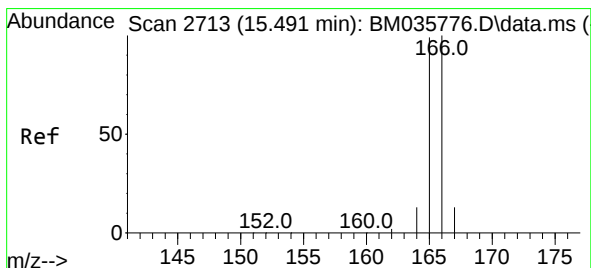
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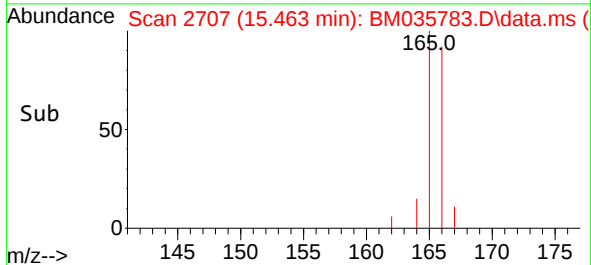
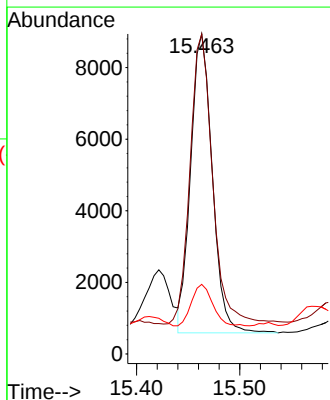
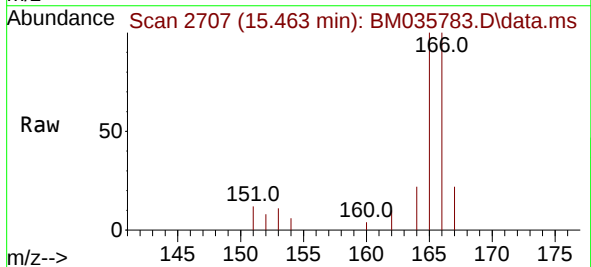
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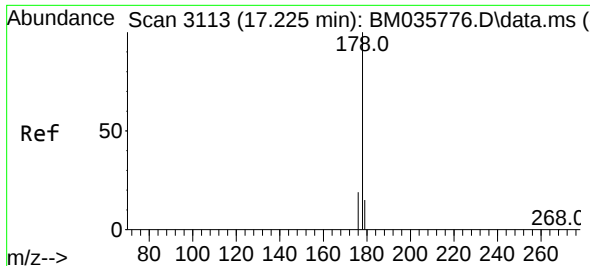
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#12
Fluorene
Concen: 0.406 ng/u1
RT: 15.463 min Scan# 2707
Delta R.T. -0.042 min
Lab File: BM035783.D
Acq: 30 Jun 2022 16:12

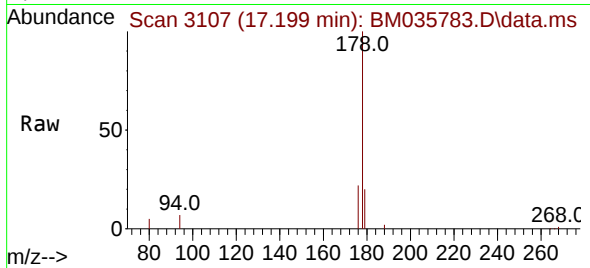
Tgt Ion:166 Resp: 12150
Ion Ratio Lower Upper
166 100
165 100.0 78.9 118.3
167 21.8 11.3 16.9#





#15
Phenanthrene
Concen: 0.884 ng/ul m
RT: 17.199 min Scan# 3107
Delta R.T. -0.039 min
Lab File: BM035783.D
Acq: 30 Jun 2022 16:12

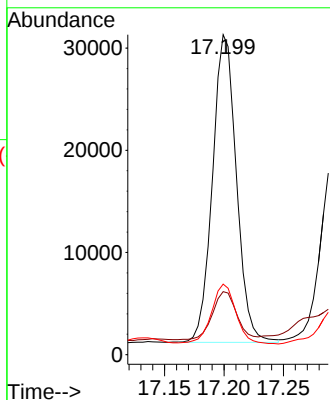
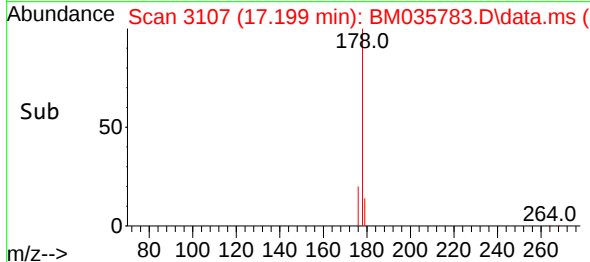
Instrument :
BNA_M
ClientSampleId :
EW4T9DL



Tgt Ion:178 Resp: 42100
Ion Ratio Lower Upper
178 100
179 19.7 13.0 19.6
176 22.1 15.6 23.4

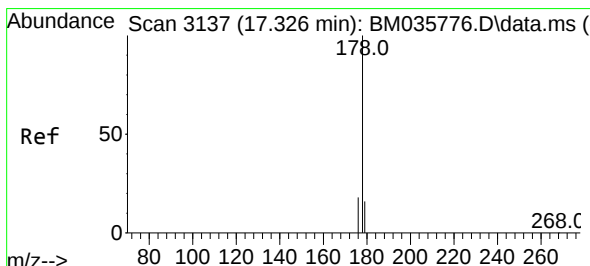
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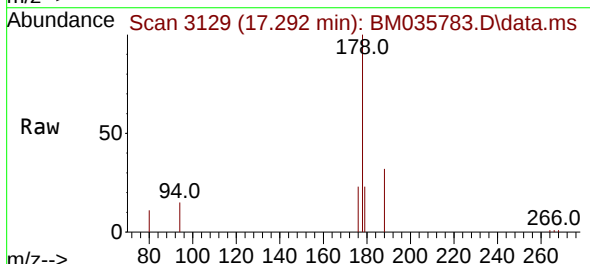


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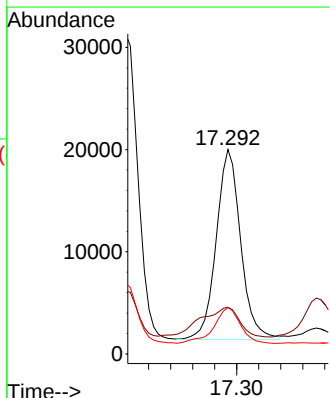
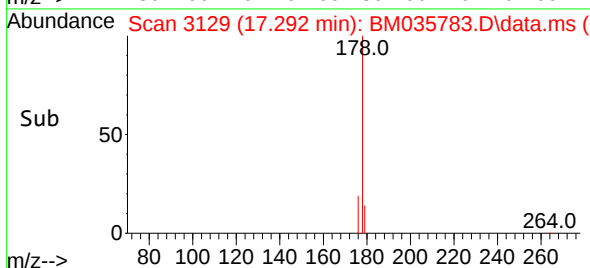
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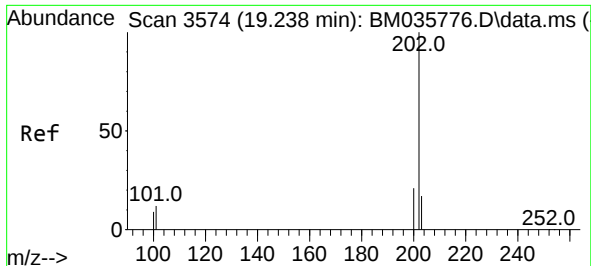


#16
Anthracene
Concen: 0.725 ng/ul m
RT: 17.292 min Scan# 3129
Delta R.T. -0.056 min
Lab File: BM035783.D
Acq: 30 Jun 2022 16:12



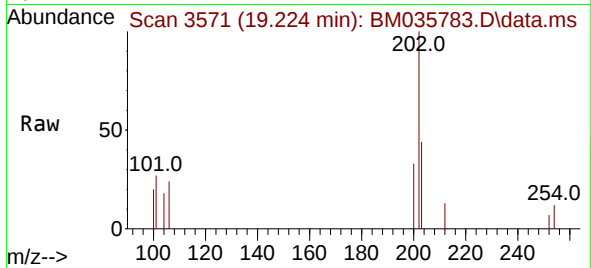
Tgt Ion:178 Resp: 28706
Ion Ratio Lower Upper
178 100
179 22.8 13.6 20.4
176 22.7 15.6 23.4





#19
Fluoranthene
Concen: 0.147 ng/ul m
RT: 19.224 min Scan# 3571
Delta R.T. -0.024 min
Lab File: BM035783.D
Acq: 30 Jun 2022 16:12

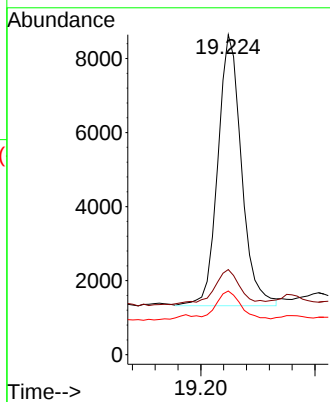
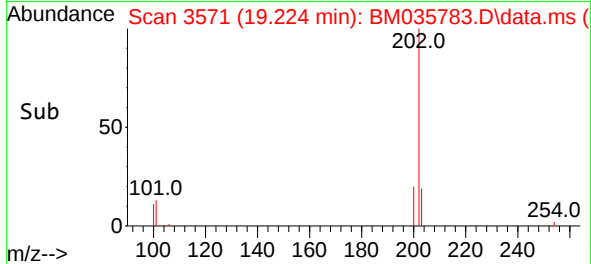
Instrument :
BNA_M
ClientSampleId :
EW4T9DL



Tgt Ion:202 Resp: 1051
Ion Ratio Lower Upper
202 100
101 26.6 10.1 15.1
100 19.9 7.9 11.9

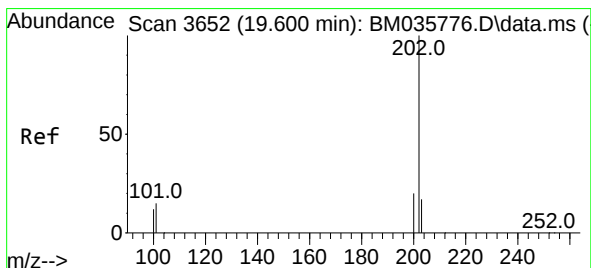
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ahmed

07/01/2022



#20
Pyrene
Concen: 0.078 ng/ul m
RT: 19.587 min Scan# 3649
Delta R.T. -0.024 min
Lab File: BM035783.D
Acq: 30 Jun 2022 16:12

Tgt Ion:202 Resp: 6249
Ion Ratio Lower Upper
202 100
101 33.9 12.0 18.0#
100 25.3 9.8 14.6#

