

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037017.D
 Acq On : 13 Oct 2022 15:07
 Operator : CG/JU
 Sample : N4976-05DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8X9DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 13 23:34:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	7732	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	28550	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	15857	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	31251	0.400	ng/ul	0.00
17) Chrysene-d12	21.479	240	18100	0.400	ng/ul	0.00
23) Perylene-d12	23.876	264	14121	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	3748	0.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	2353	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	4508	0.083	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	6910	0.085	ng/ul#	93
7) 2-Methylnaphthalene	12.404	142	1767	0.035	ng/ul	96
8) 1-Methylnaphthalene	12.624	142	3114	0.061	ng/ul	98
10) Acenaphthylene	14.293	152	1964	0.030	ng/ul#	22
11) Acenaphthene	14.631	153	130180	2.276	ng/ul	99
12) Fluorene	15.616	166	74922	1.156	ng/ul	99
15) Phenanthrene	17.351	178	24735	0.248	ng/ul	97
16) Anthracene	17.440	178	12196	0.146	ng/ul#	92
19) Fluoranthene	19.359	202	11048	0.153	ng/ul#	89
20) Pyrene	19.721	202	7628m	0.102	ng/ul	

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

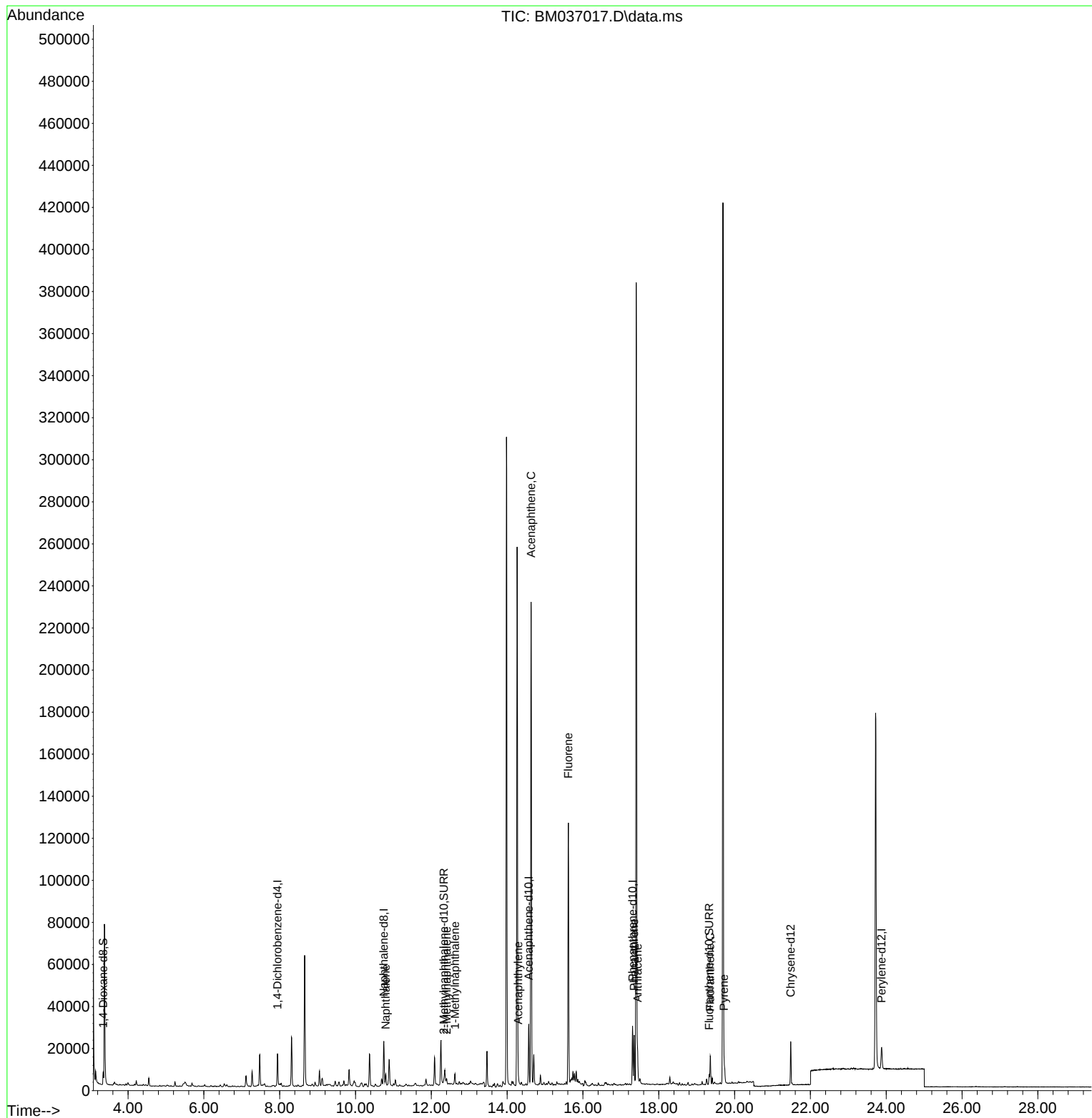
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ALS Vial : 11 Sample Multiplier: 1

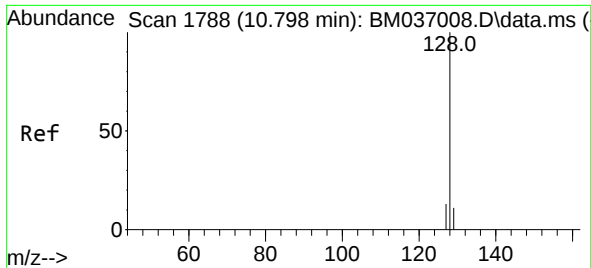
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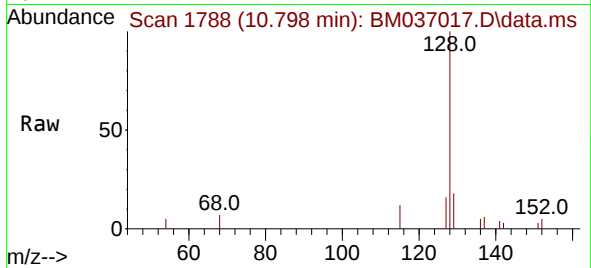
Quant Time: Oct 13 23:34:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
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QLast Update : Tue Oct 11 09:03:52 2022
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#5
Naphthalene
Concen: 0.085 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

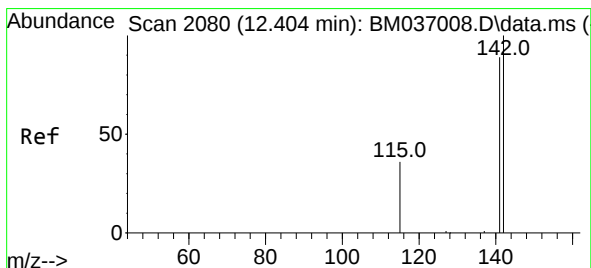
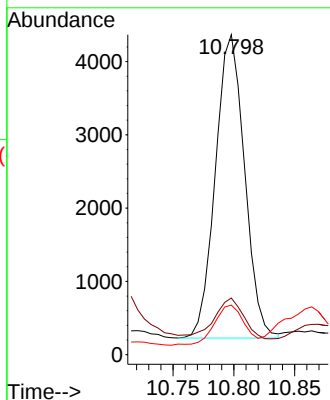
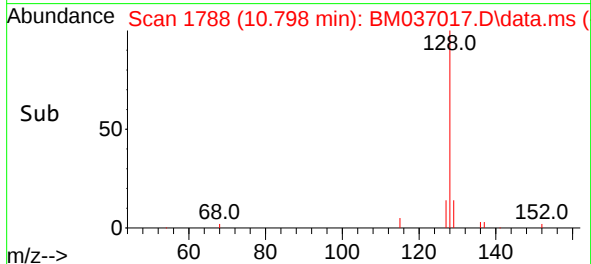
Instrument :
BNA_M
ClientSampleId :
CB8X9DL



Tgt Ion:128 Resp: 6910
Ion Ratio Lower Upper
128 100
129 17.7 10.2 15.2
127 15.5 11.7 17.5

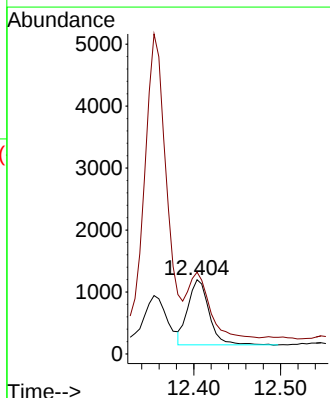
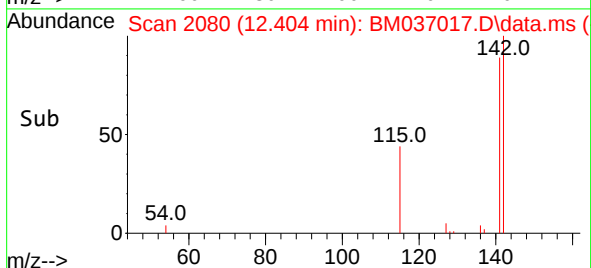
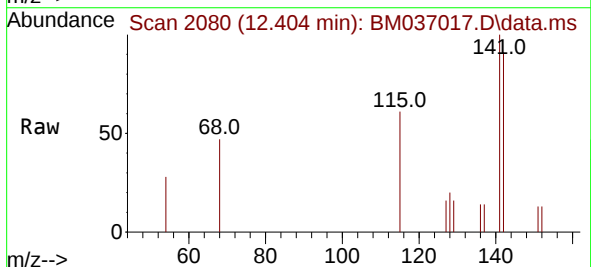
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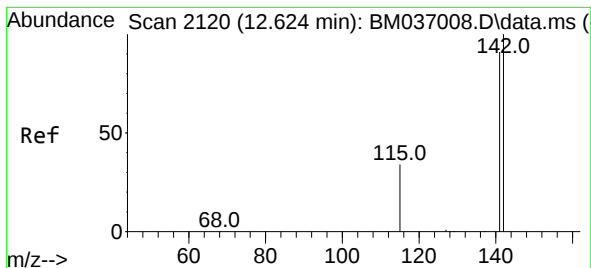
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Supervised By :mohammad ahmed 10/16/2022



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

Tgt Ion:142 Resp: 1767
Ion Ratio Lower Upper
142 100
141 100.2 77.4 116.0





#8

1-Methylnaphthalene

Concen: 0.061 ng/ul

RT: 12.624 min Scan# 2120

Delta R.T. -0.005 min

Lab File: BM037017.D

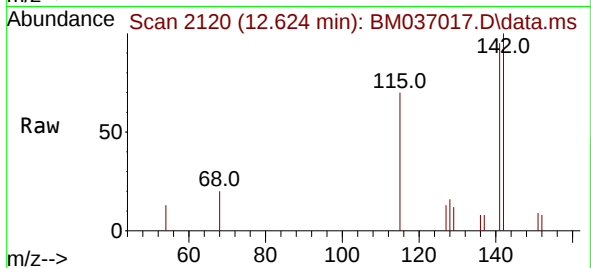
Acq: 13 Oct 2022 15:07

Instrument :

BNA_M

ClientSampleId :

CB8X9DL



Tgt Ion:142 Resp: 3114

Ion Ratio Lower Upper

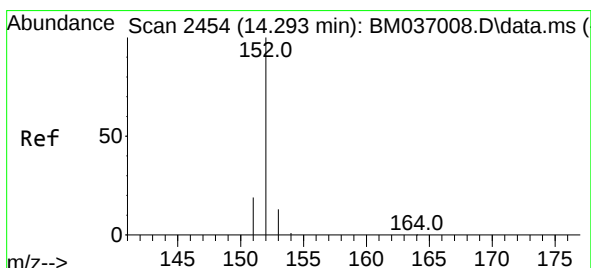
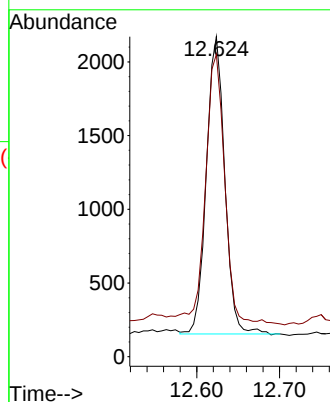
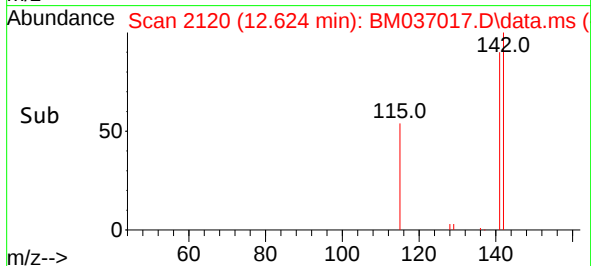
142 100

141 94.7 74.1 111.1

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#10

Acenaphthylene

Concen: 0.030 ng/ul

RT: 14.293 min Scan# 2454

Delta R.T. -0.005 min

Lab File: BM037017.D

Acq: 13 Oct 2022 15:07

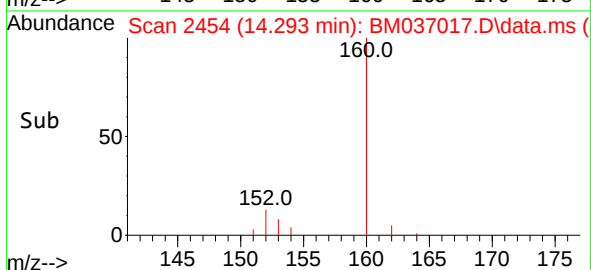
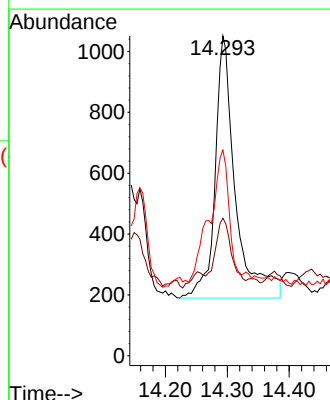
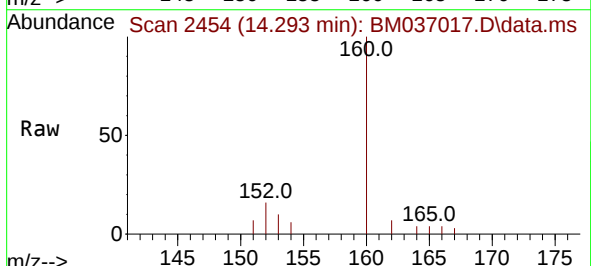
Tgt Ion:152 Resp: 1964

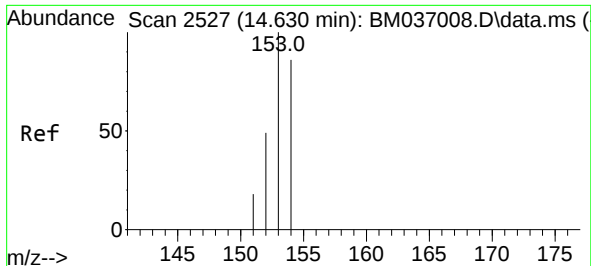
Ion Ratio Lower Upper

152 100

151 43.0 16.6 24.8#

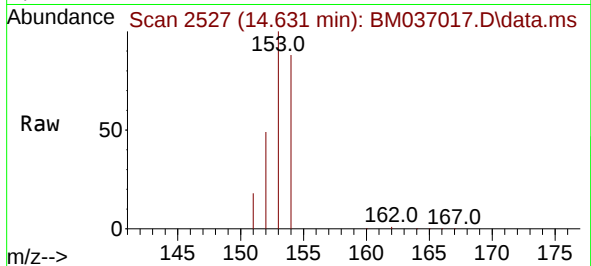
153 64.3 11.4 17.0#





#11
Acenaphthene
Concen: 2.276 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

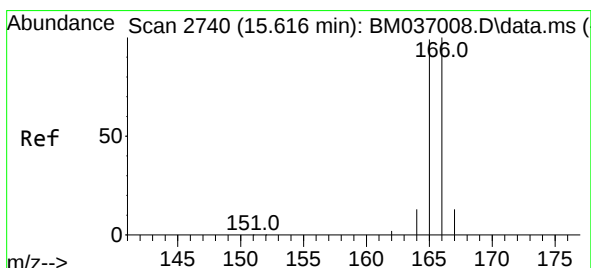
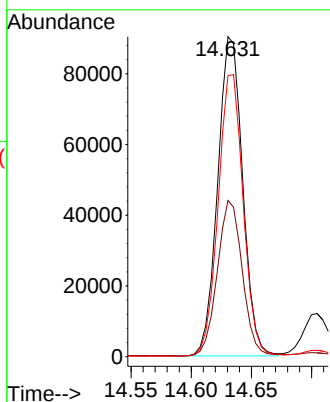
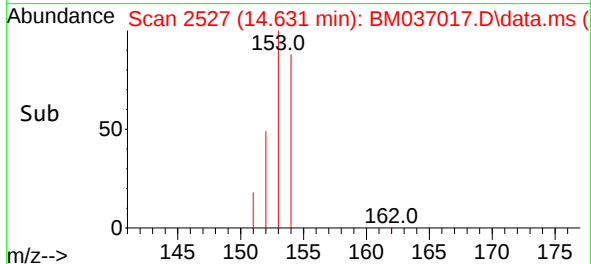
Instrument :
BNA_M
ClientSampleId :
CB8X9DL



Tgt Ion:153 Resp: 130180
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.4
154 87.8 69.7 104.5

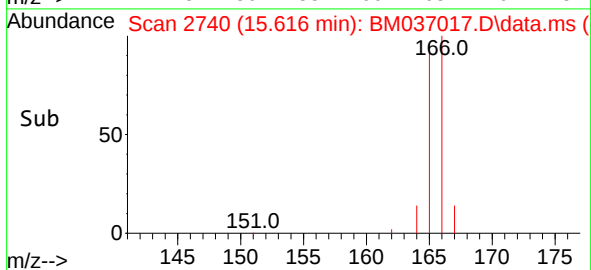
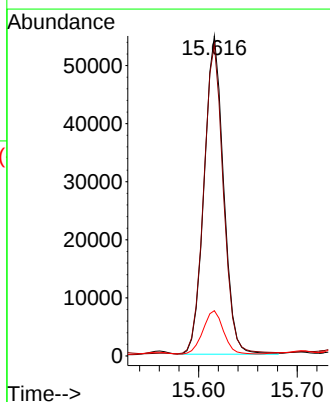
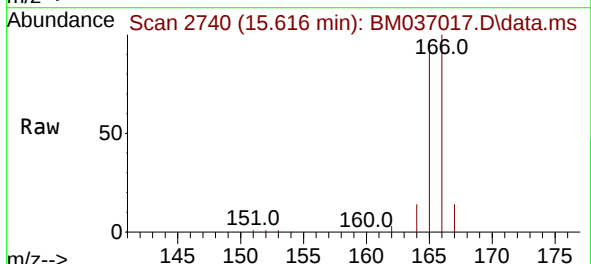
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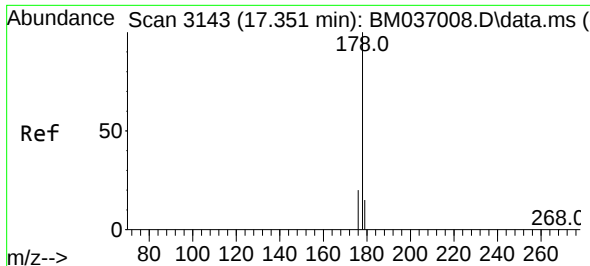
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#12
Fluorene
Concen: 1.156 ng/ul
RT: 15.616 min Scan# 2740
Delta R.T. -0.005 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

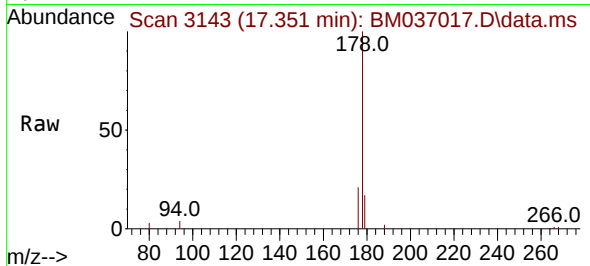
Tgt Ion:166 Resp: 74922
Ion Ratio Lower Upper
166 100
165 97.4 78.9 118.3
167 14.1 11.3 16.9





#15
Phenanthrene
Concen: 0.248 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

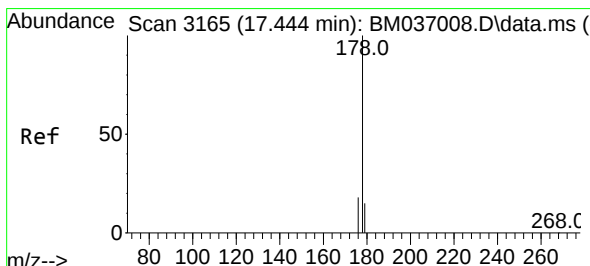
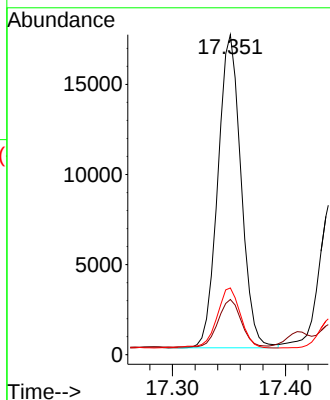
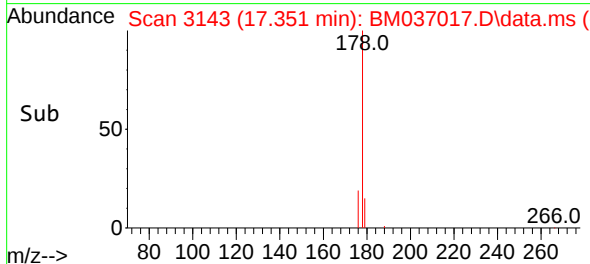
Instrument :
BNA_M
ClientSampleId :
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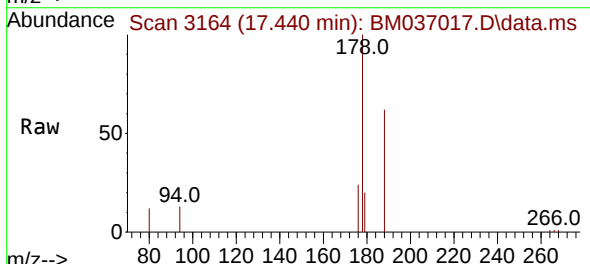
Tgt Ion:178 Resp: 24735
Ion Ratio Lower Upper
178 100
179 17.3 13.0 19.6
176 20.8 15.6 23.4

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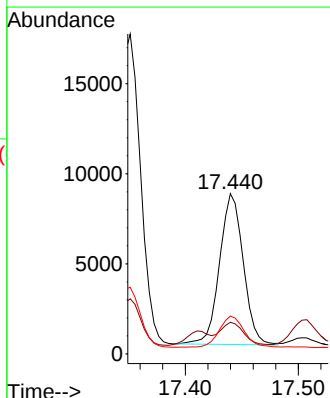
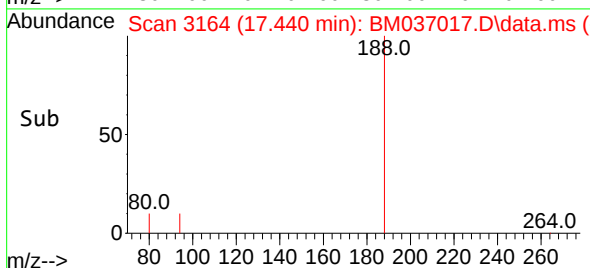
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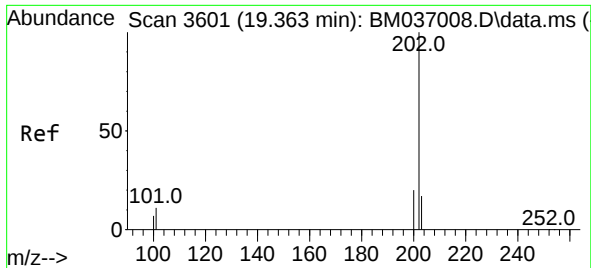


#16
Anthracene
Concen: 0.146 ng/ul
RT: 17.440 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07



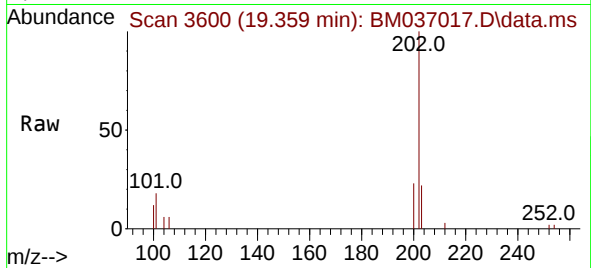
Tgt Ion:178 Resp: 12196
Ion Ratio Lower Upper
178 100
179 19.8 13.6 20.4
176 23.6 15.6 23.4#





#19
Fluoranthene
Concen: 0.153 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

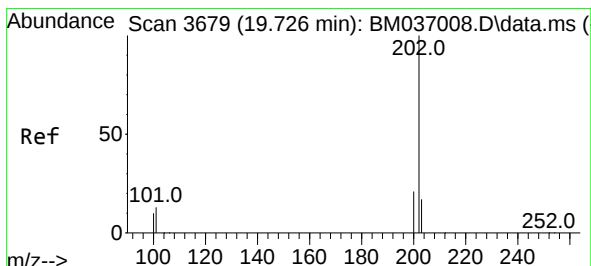
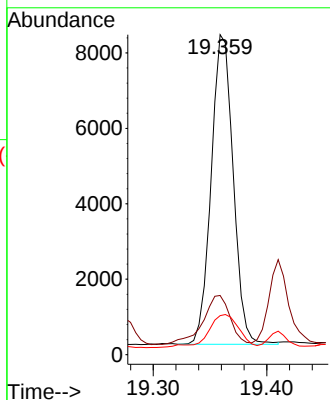
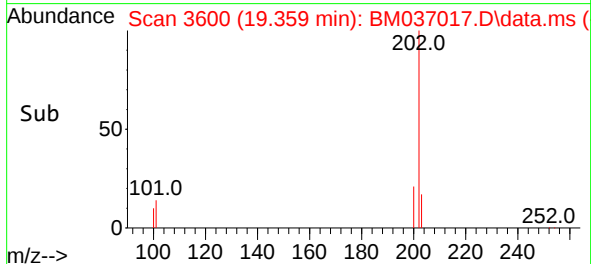
Instrument :
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Tgt Ion:202 Resp: 11048
Ion Ratio Lower Upper
202 100
101 18.5 10.1 15.1#
100 12.2 7.9 11.9#

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#20
Pyrene
Concen: 0.102 ng/ul m
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

Tgt Ion:202 Resp: 7628
Ion Ratio Lower Upper
202 100
101 19.5 12.0 18.0#
100 15.7 9.8 14.6#

