

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037099.D
 Acq On : 15 Oct 2022 19:21
 Operator : CG/JU
 Sample : N5049-15DL 5X
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

Quant Time: Oct 17 00:57:14 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 : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6014	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	22213	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.556	164	11875	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	22770	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	14570	0.400	ng/ul	0.00
23) Perylene-d12	23.853	264	11770	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	6579	0.776	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	1785	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	3049	0.070	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.781	128	8087	0.127	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	7069	0.182	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	5542	0.140	ng/ul	99
10) Acenaphthylene	14.279	152	1712	0.035	ng/ul#	74
15) Phenanthrene	17.334	178	8246	0.113	ng/ul	97
16) Anthracene	17.427	178	1247	0.021	ng/ul#	77
19) Fluoranthene	19.350	202	6207	0.107	ng/ul	96
20) Pyrene	19.707	202	6643m	0.110	ng/ul	
21) Benzo(a)anthracene	21.453	228	3128	0.059	ng/ul#	81
22) Chrysene	21.506	228	4735	0.084	ng/ul#	91
24) Benzo(b)fluoranthene	23.128	252	4419	0.084	ng/ul#	39
25) Benzo(k)fluoranthene	23.172	252	1546m	0.030	ng/ul	
26) Benzo(a)pyrene	23.747	252	2572	0.060	ng/ul#	31
27) Indeno(1,2,3-cd)pyrene	26.329	276	2303	0.038	ng/ul#	99
29) Benzo(g,h,i)perylene	27.094	276	1934	0.036	ng/ul#	66

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

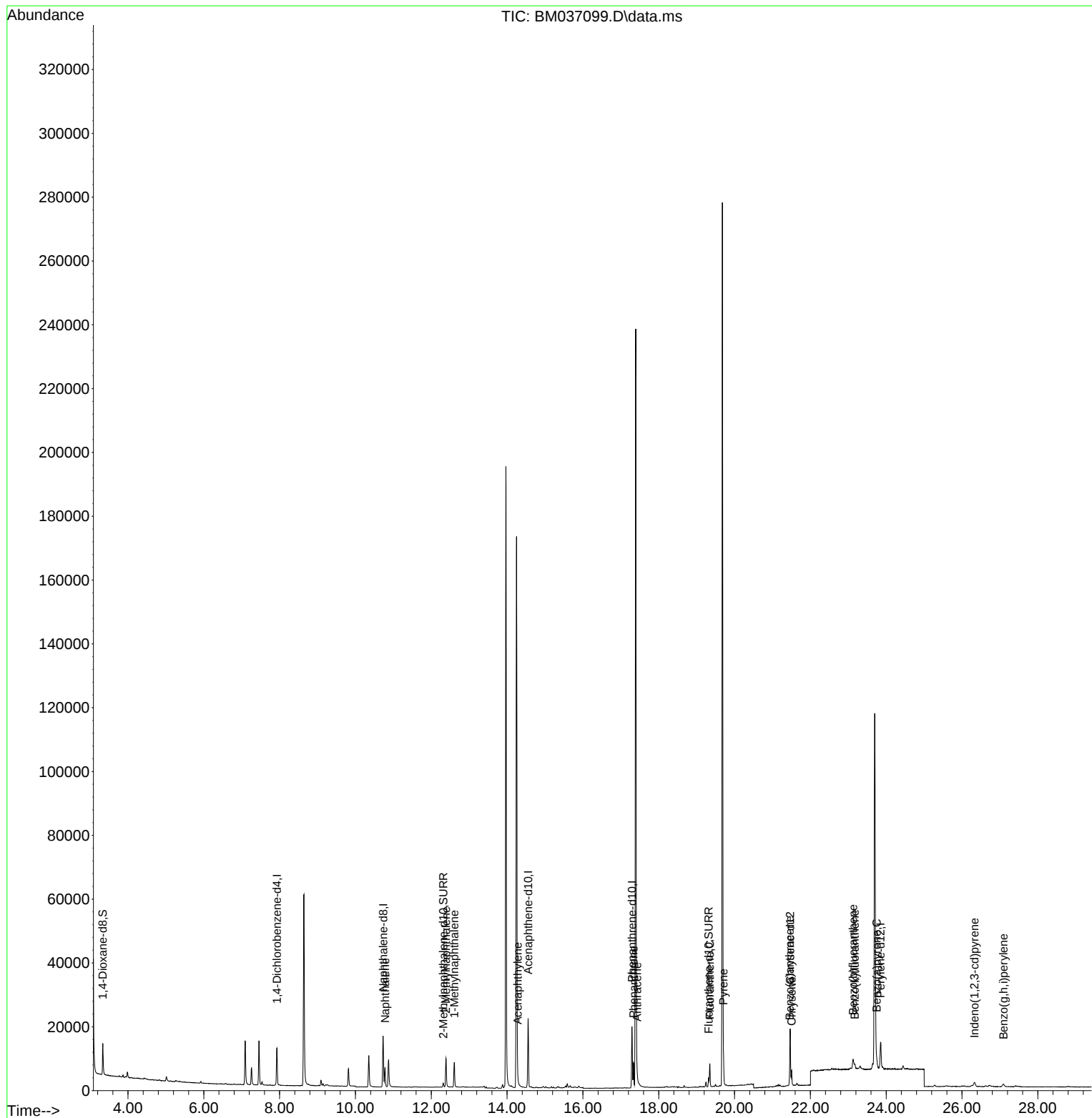
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037099.D
Acq On : 15 Oct 2022 19:21
Operator : CG/JU
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ALS Vial : 97 Sample Multiplier: 1

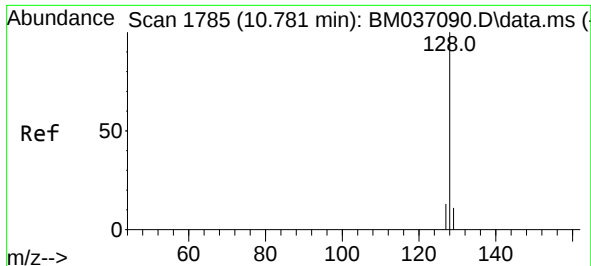
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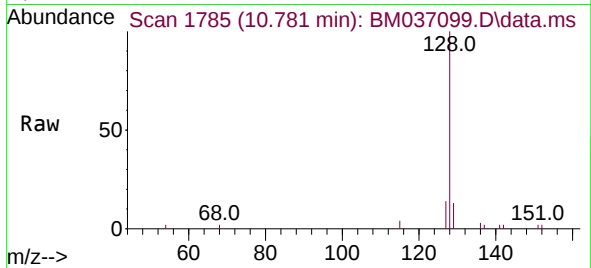
Quant Time: Oct 17 00:57:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.127 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

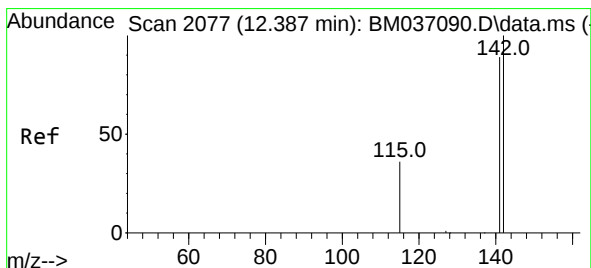
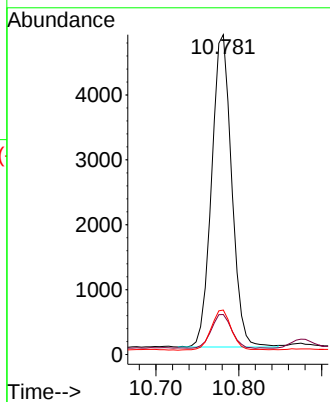
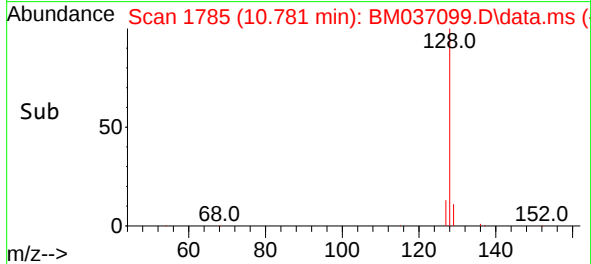
Instrument :
BNA_M
ClientSampleId :
C0BS1DL



Tgt Ion:128 Resp: 808
Ion Ratio Lower Upper
128 100
129 12.5 10.2 15.2
127 13.9 11.7 17.5

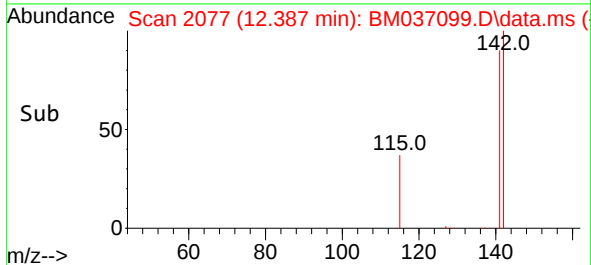
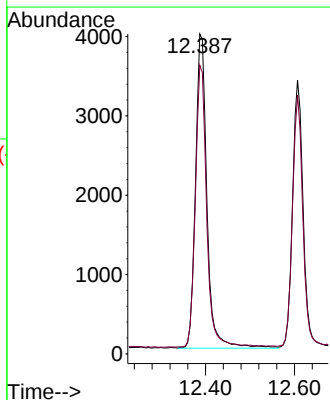
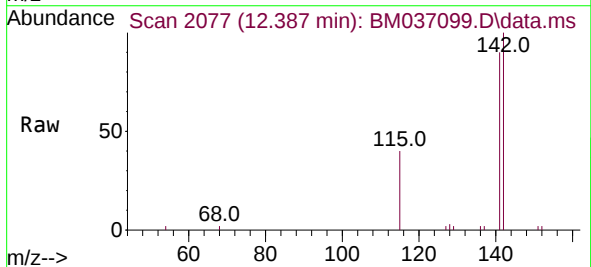
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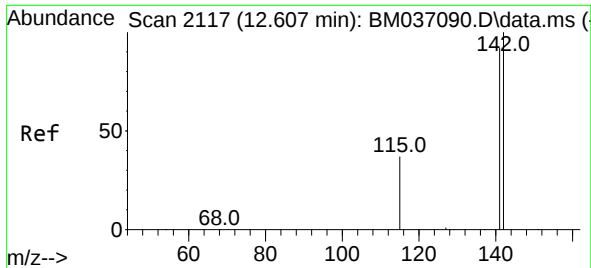
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#7
2-Methylnaphthalene
Concen: 0.182 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

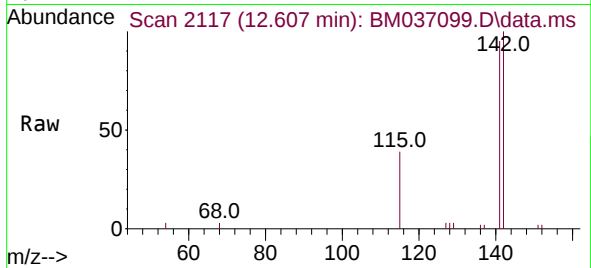
Tgt Ion:142 Resp: 7069
Ion Ratio Lower Upper
142 100
141 88.7 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.140 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

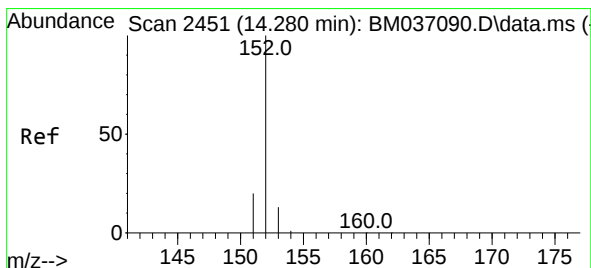
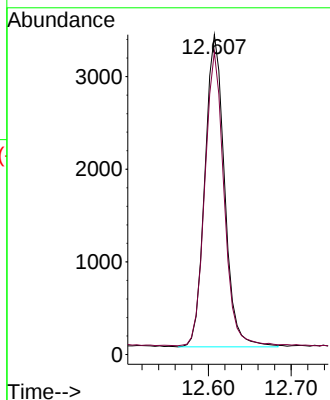
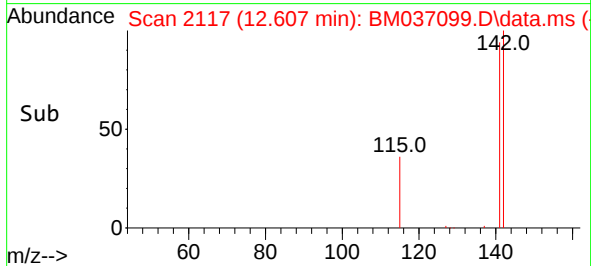
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BNA_M
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Tgt Ion:142 Resp: 5542
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1

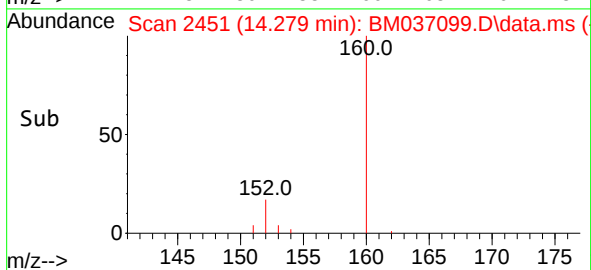
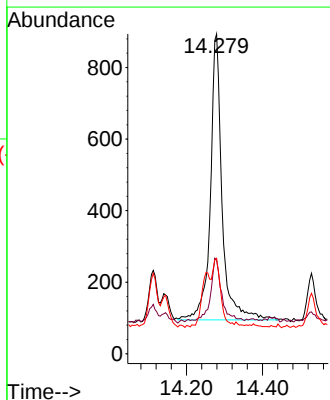
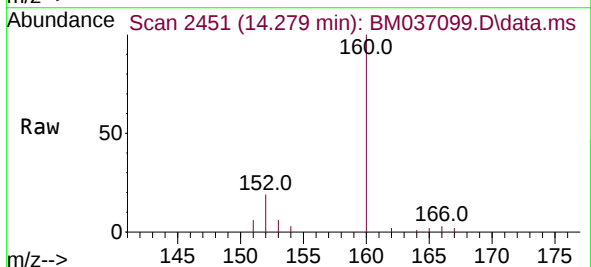
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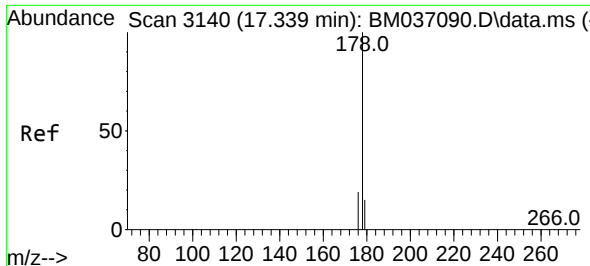
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

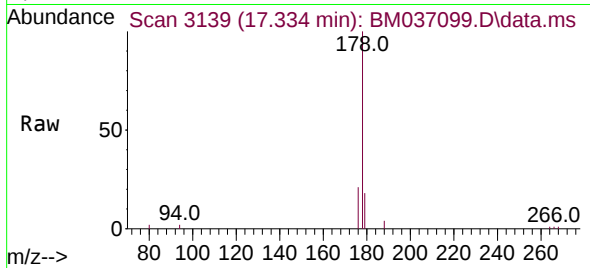
Tgt Ion:152 Resp: 1712
Ion Ratio Lower Upper
152 100
151 29.2 16.6 24.8#
153 29.9 11.4 17.0#





#15
Phenanthrene
Concen: 0.113 ng/ul
RT: 17.334 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

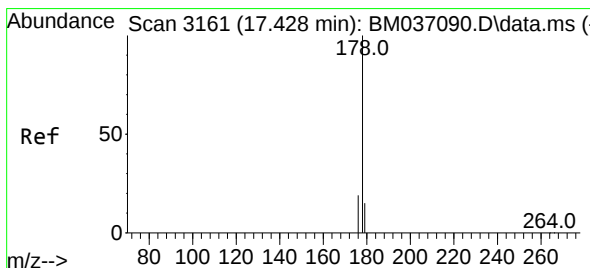
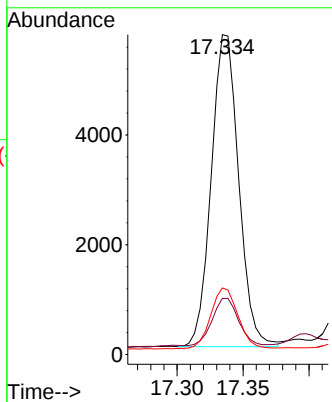
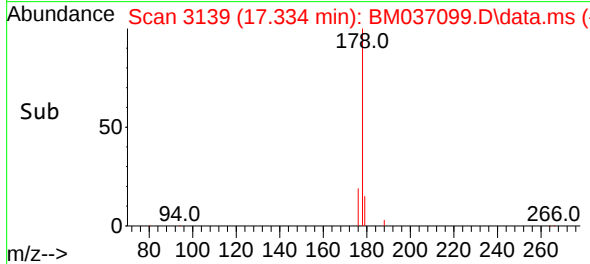
Instrument :
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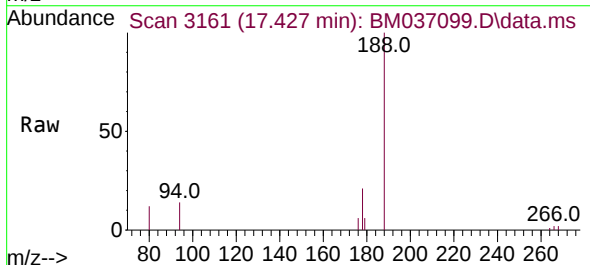
Tgt Ion:178 Resp: 8246
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.6
176 20.8 15.6 23.4

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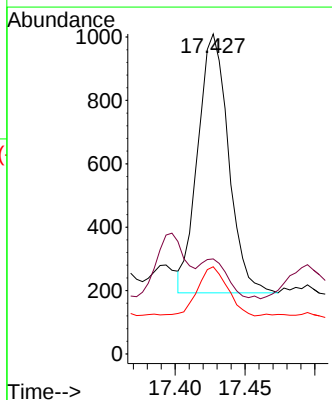
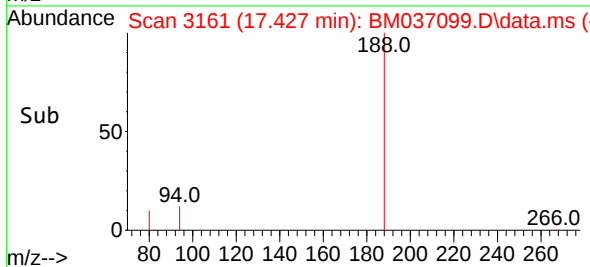
Reviewed By :Jagrut Upadhyay 10/17/2022
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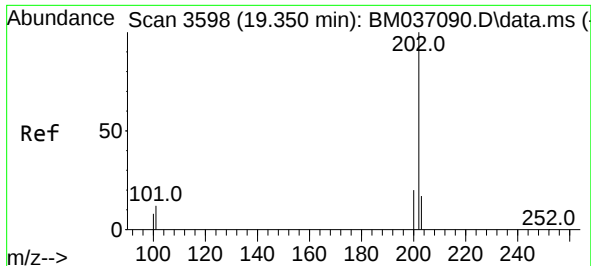


#16
Anthracene
Concen: 0.021 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21



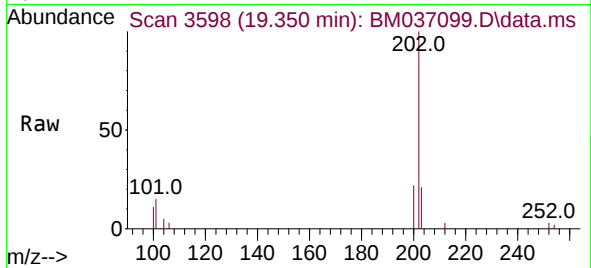
Tgt Ion:178 Resp: 1247
Ion Ratio Lower Upper
178 100
179 29.7 13.6 20.4#
176 27.2 15.6 23.4#





#19
Fluoranthene
Concen: 0.107 ng/ul
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

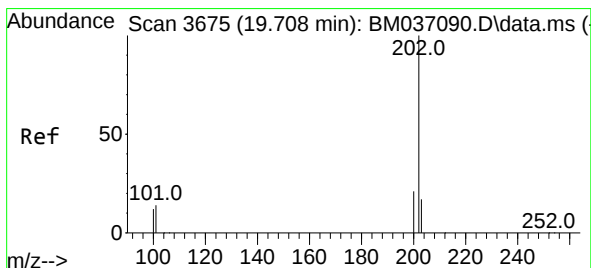
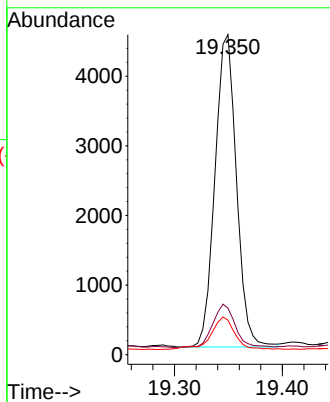
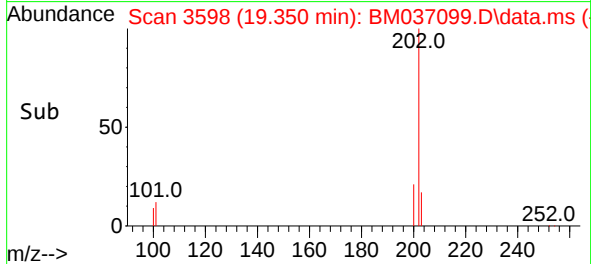
Instrument :
BNA_M
ClientSampleId :
C0BS1DL



Tgt Ion:202 Resp: 6207
Ion Ratio Lower Upper
202 100
101 14.5 10.1 15.1
100 10.8 7.9 11.9

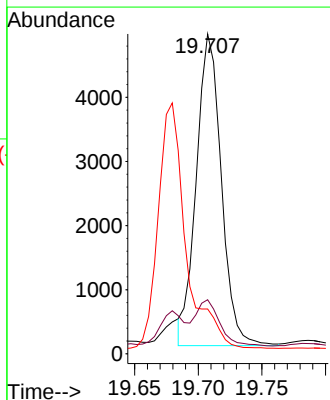
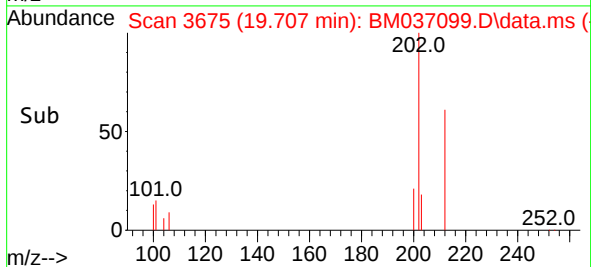
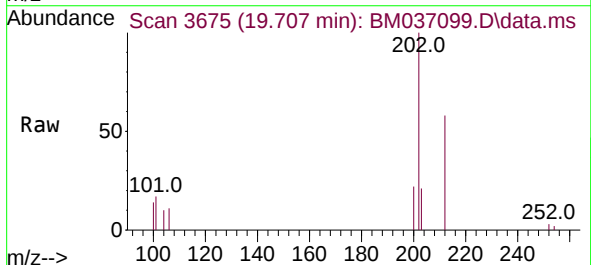
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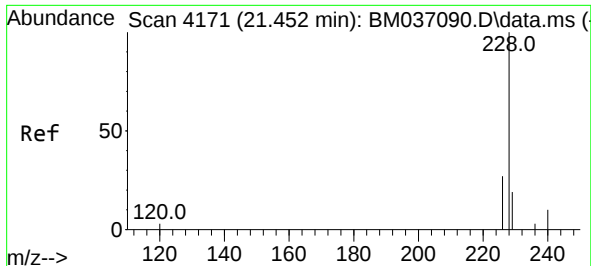
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#20
Pyrene
Concen: 0.110 ng/ul m
RT: 19.707 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

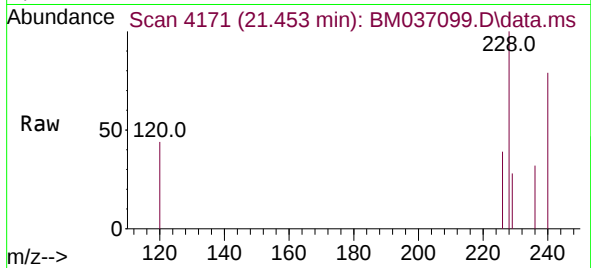
Tgt Ion:202 Resp: 6643
Ion Ratio Lower Upper
202 100
101 16.9 12.0 18.0
100 14.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.059 ng/u1
RT: 21.453 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

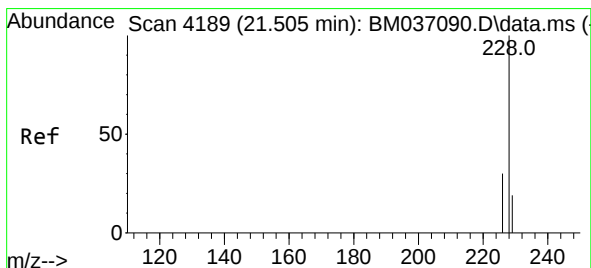
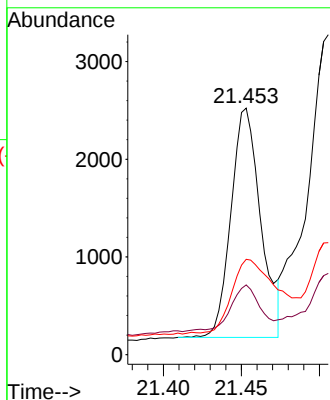
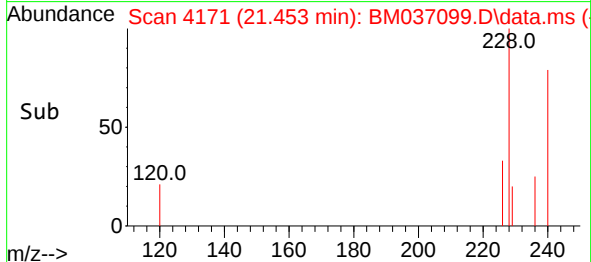
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 3128
Ion Ratio Lower Upper
228 100
229 28.3 16.2 24.2
226 38.6 22.5 33.7

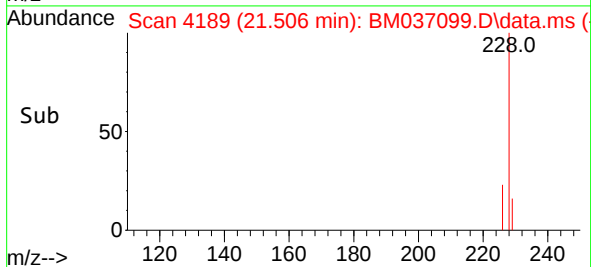
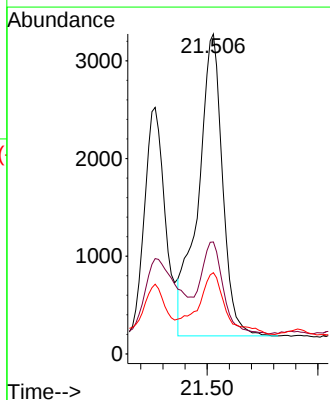
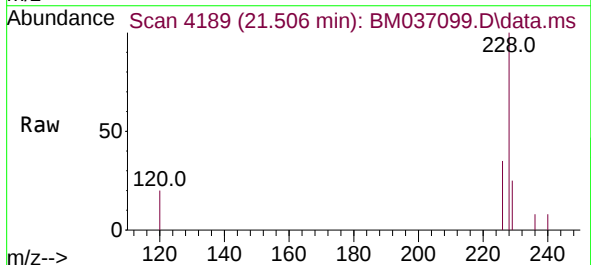
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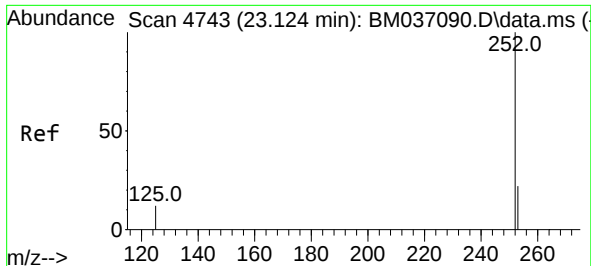
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#22
Chrysene
Concen: 0.084 ng/u1
RT: 21.506 min Scan# 4189
Delta R.T. 0.003 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

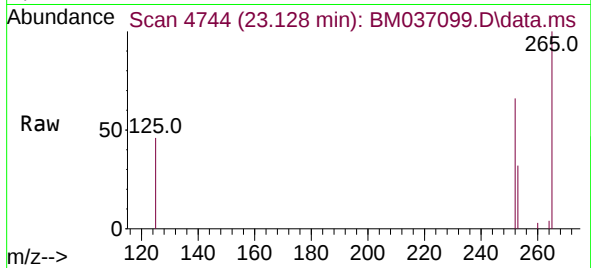
Tgt Ion:228 Resp: 4735
Ion Ratio Lower Upper
228 100
226 35.0 24.6 37.0
229 25.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.084 ng/ul
RT: 23.128 min Scan# 4743
Delta R.T. 0.006 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

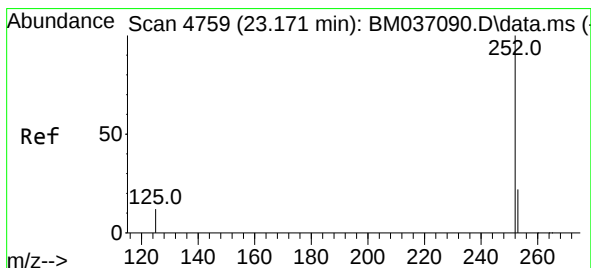
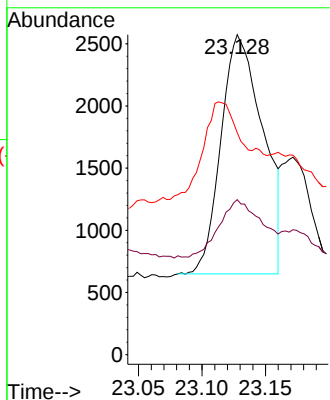
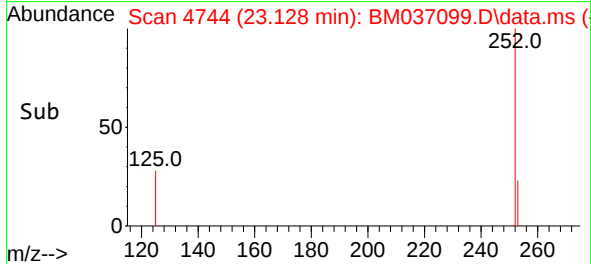
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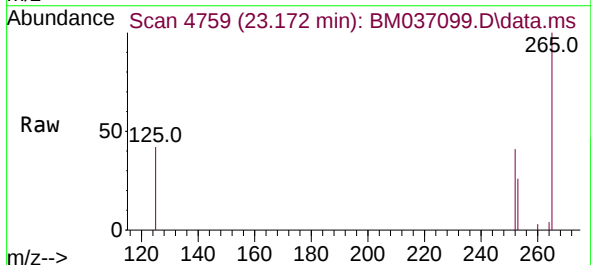
Tgt Ion:252 Resp: 4419
Ion Ratio Lower Upper
252 100
253 48.4 0.0 61.4
125 69.3 0.0 42.6

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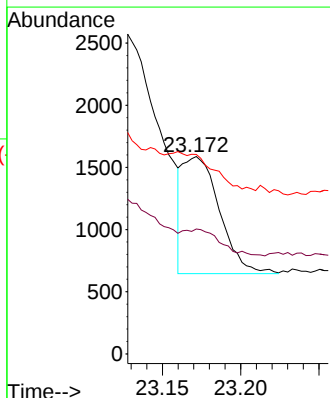
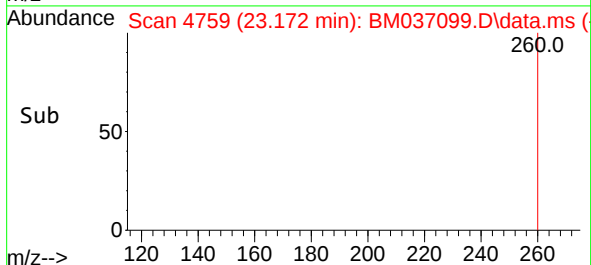
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

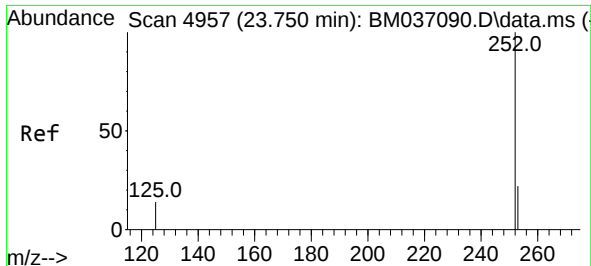


#25
Benzo(k)fluoranthene
Concen: 0.030 ng/ul m
RT: 23.172 min Scan# 4759
Delta R.T. 0.003 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21



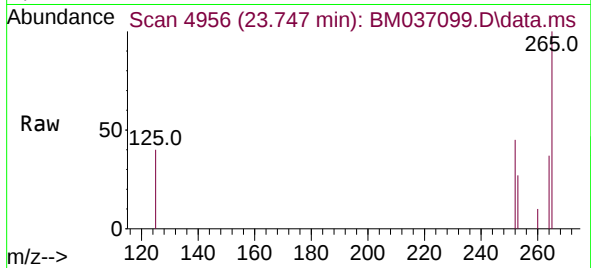
Tgt Ion:252 Resp: 1546
Ion Ratio Lower Upper
252 100
253 63.3 25.2 37.8#
125 101.1 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.060 ng/ul
RT: 23.747 min Scan# 4956
Delta R.T. 0.003 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

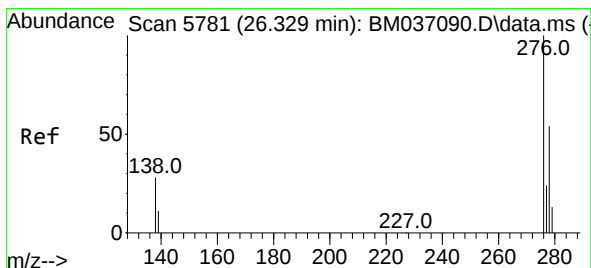
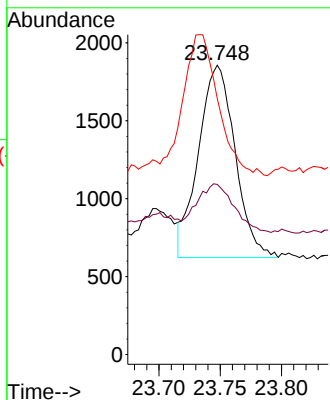
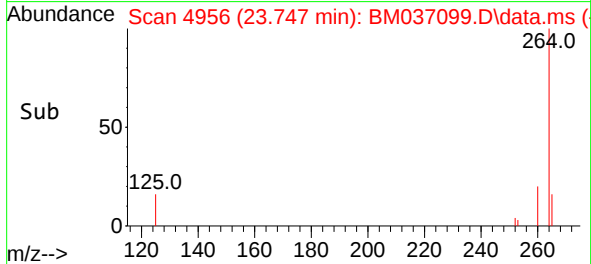
Instrument :
BNA_M
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Tgt Ion:252 Resp: 2572
Ion Ratio Lower Upper
252 100
253 58.8 29.7 44.5
125 88.6 23.6 35.4

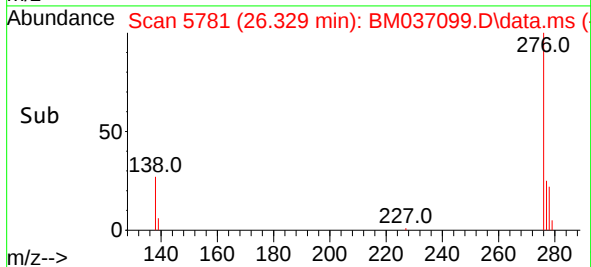
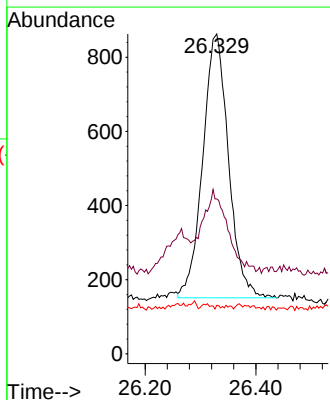
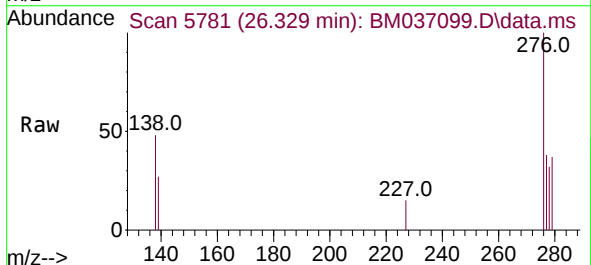
Manual Integrations
APPROVED

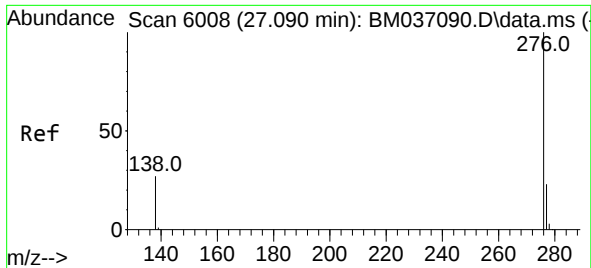
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. 0.003 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

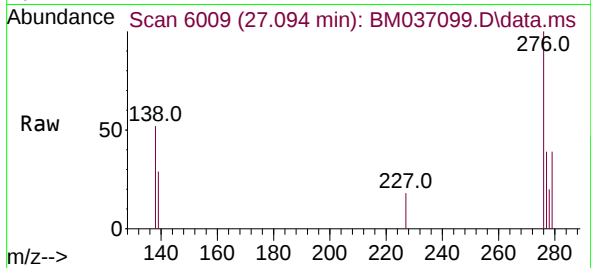
Tgt Ion:276 Resp: 2303
Ion Ratio Lower Upper
276 100
138 29.2 23.9 35.9
227 0.3 0.1 0.1





#29
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 27.094 min Scan# 6009
Delta R.T. 0.007 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Instrument :
BNA_M
ClientSampleId :
C0BS1DL



Tgt Ion:276 Resp: 1934
Ion Ratio Lower Upper
276 100
138 52.3 23.4 35.0
277 38.6 21.0 31.4

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