

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037094.D
 Acq On : 15 Oct 2022 16:23
 Operator : CG/JU
 Sample : N5049-10DL 5X
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BM4DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 17 00:56:23 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	6356	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	22791	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.556	164	11975	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	22686	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	13829	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	10972	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	8165	0.911	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	2105	0.061	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	3320	0.080	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.781	128	14751	0.226	ng/ul	98
7) 2-Methylnaphthalene	12.387	142	9575	0.240	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	7675	0.190	ng/ul	99
10) Acenaphthylene	14.279	152	2718	0.055	ng/ul#	87
11) Acenaphthene	14.617	153	2304	0.053	ng/ul	97
12) Fluorene	15.602	166	2186	0.045	ng/ul#	96
15) Phenanthrene	17.334	178	59724	0.825	ng/ul	99
16) Anthracene	17.427	178	12574	0.208	ng/ul	99
19) Fluoranthene	19.349	202	126696	2.303	ng/ul	97
20) Pyrene	19.707	202	97576m	1.701	ng/ul	
21) Benzo(a)anthracene	21.450	228	56762	1.136	ng/ul	100
22) Chrysene	21.506	228	55337	1.032	ng/ul	99
24) Benzo(b)fluoranthene	23.128	252	56230	1.147	ng/ul	90
25) Benzo(k)fluoranthene	23.172	252	18385m	0.385	ng/ul	
26) Benzo(a)pyrene	23.747	252	27244	0.685	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.329	276	16571	0.294	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.336	278	4294	0.094	ng/ul#	89
29) Benzo(g,h,i)perylene	27.091	276	12595	0.254	ng/ul	99

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

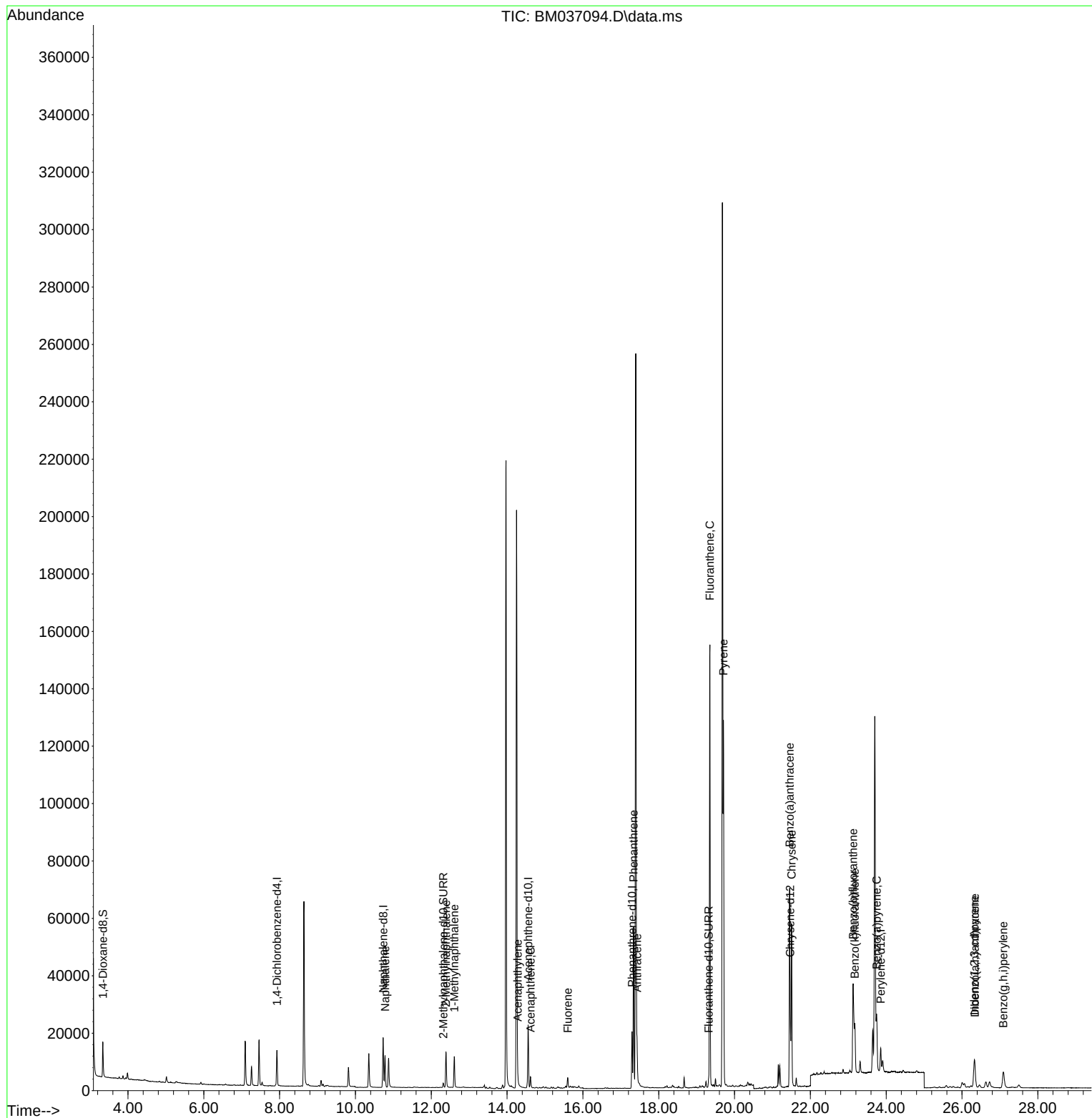
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037094.D
Acq On : 15 Oct 2022 16:23
Operator : CG/JU
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ALS Vial : 92 Sample Multiplier: 1

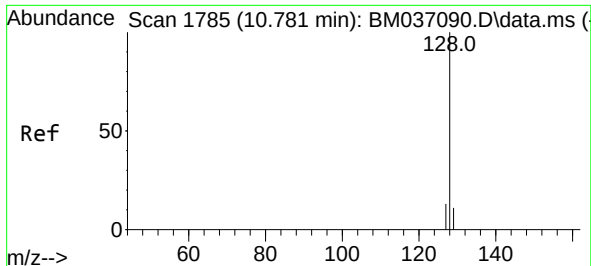
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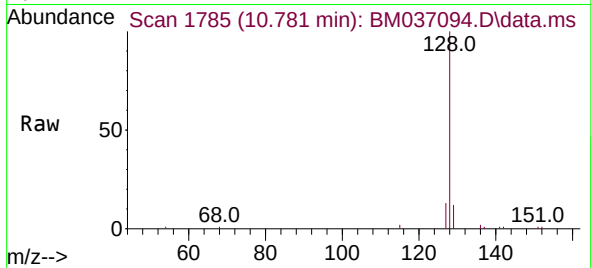
Quant Time: Oct 17 00:56:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.226 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23

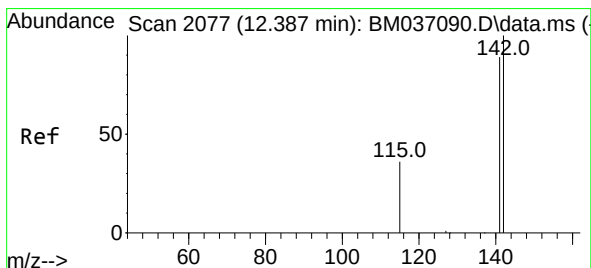
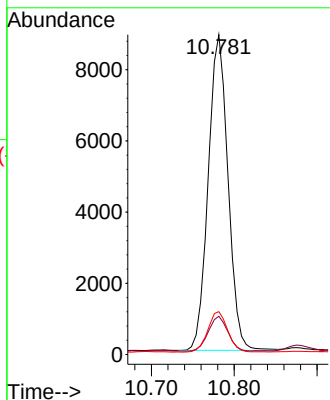
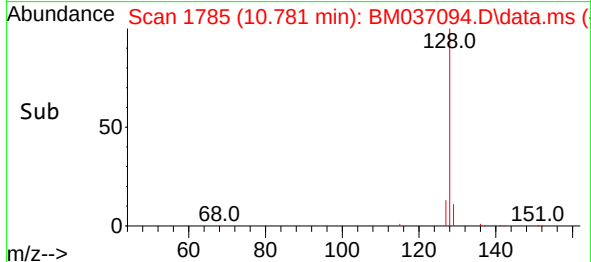
Instrument :
BNA_M
ClientSampleId :
C0BM4DL



Tgt Ion:128 Resp: 1475
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 13.4 11.7 17.5

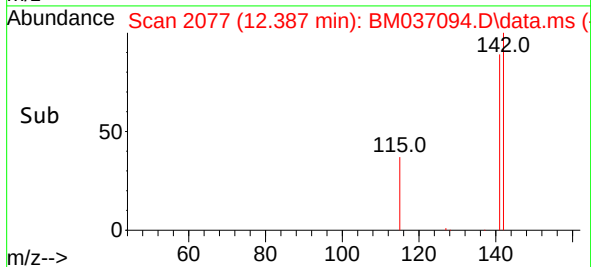
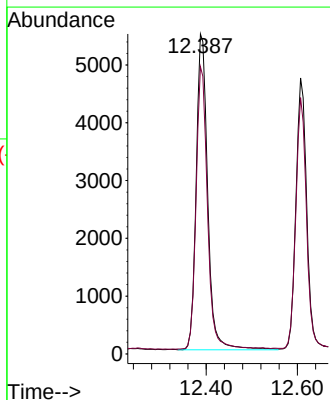
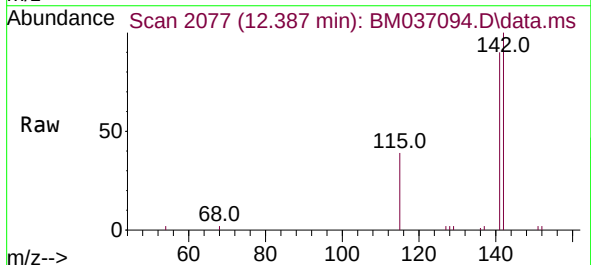
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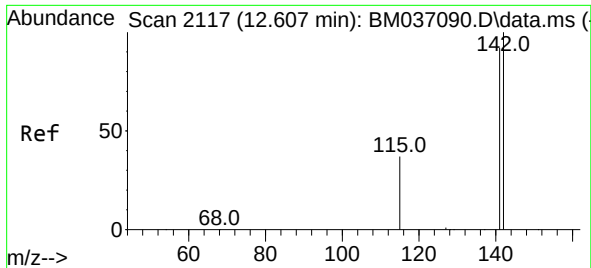
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#7
2-Methylnaphthalene
Concen: 0.240 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23

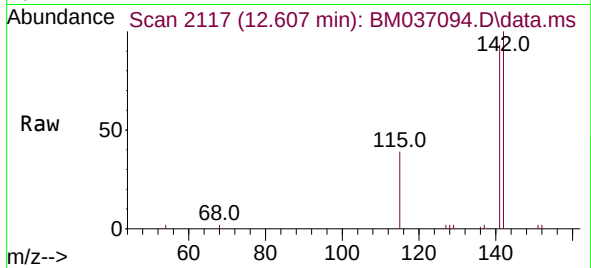
Tgt Ion:142 Resp: 9575
Ion Ratio Lower Upper
142 100
141 89.0 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23

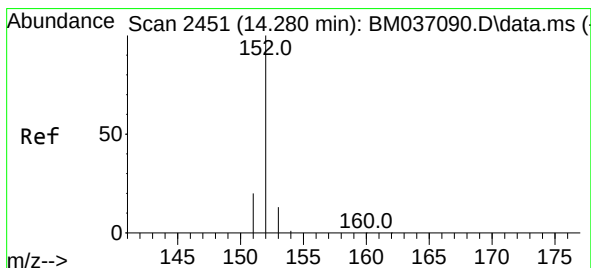
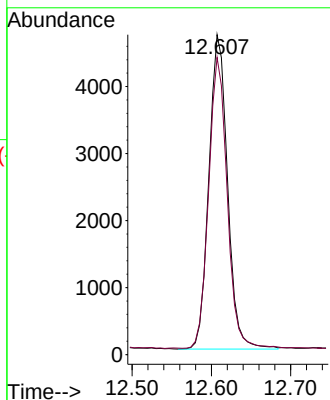
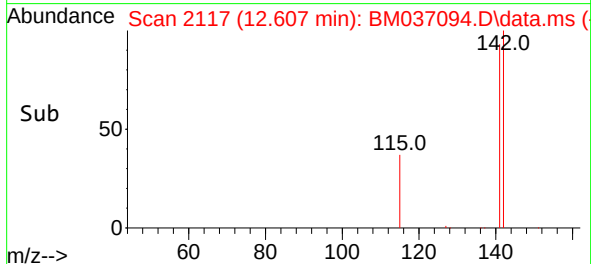
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 7675
Ion Ratio Lower Upper
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141 91.8 74.1 111.1

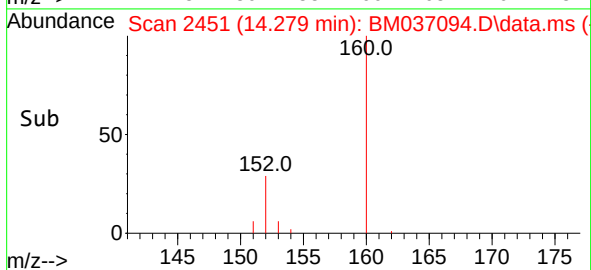
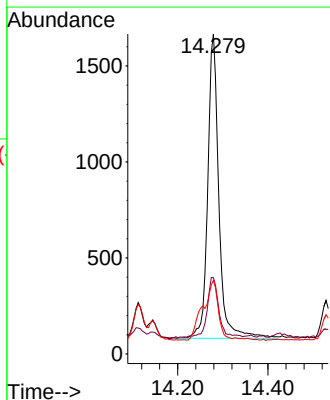
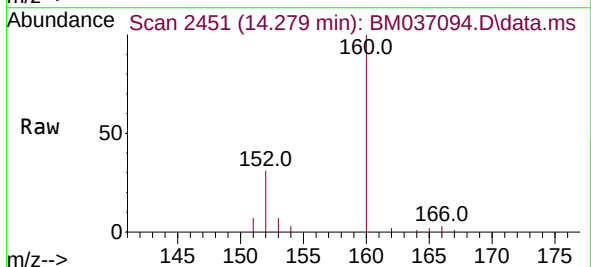
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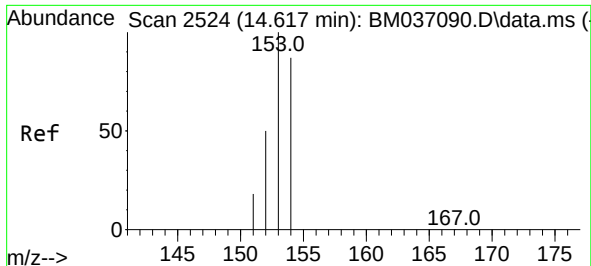
Reviewed By :Jagrut Upadhyay 10/17/2022
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#10
Acenaphthylene
Concen: 0.055 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.000 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23

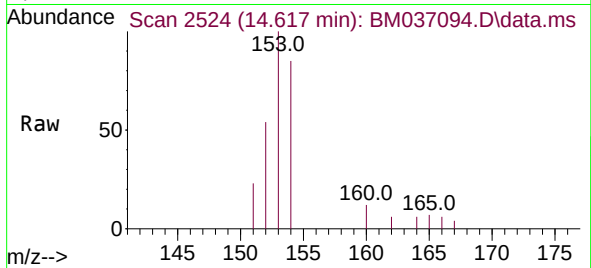
Tgt Ion:152 Resp: 2718
Ion Ratio Lower Upper
152 100
151 23.8 16.6 24.8
153 23.0 11.4 17.0#





#11
Acenaphthene
Concen: 0.053 ng/u1
RT: 14.617 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23

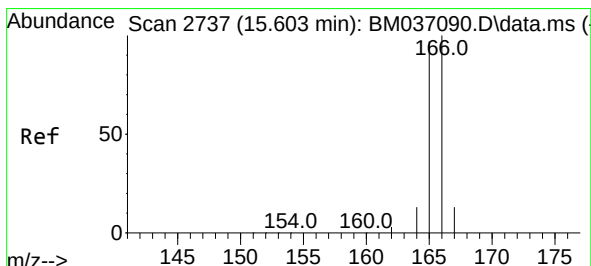
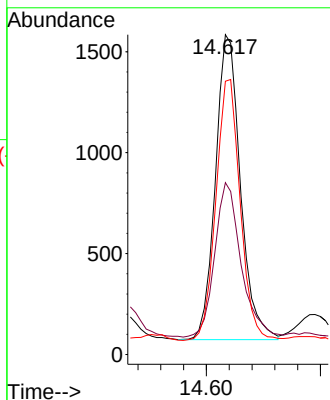
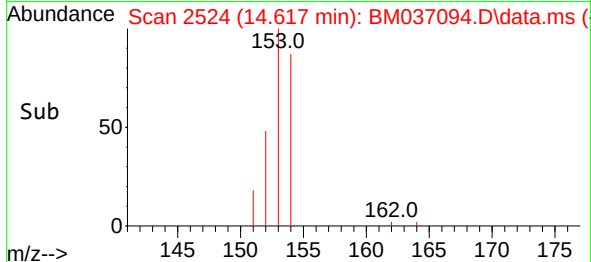
Instrument :
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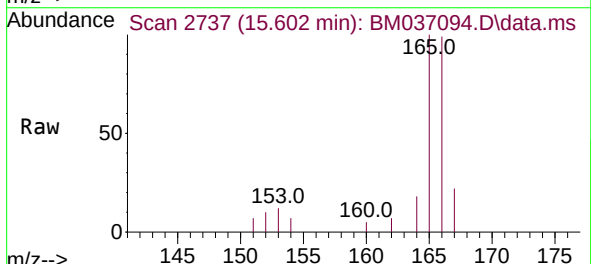
Tgt Ion:153 Resp: 2304
Ion Ratio Lower Upper
153 100
152 53.7 40.2 60.4
154 85.4 69.7 104.5

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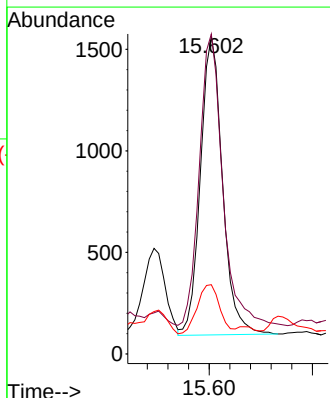
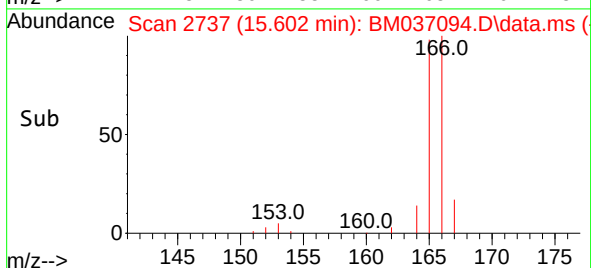
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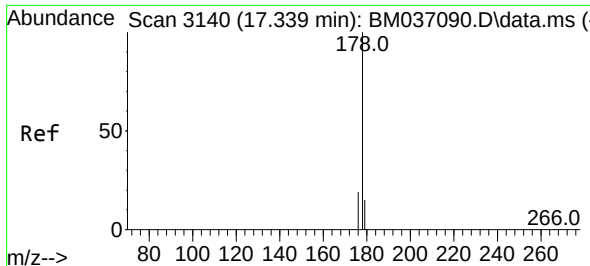


#12
Fluorene
Concen: 0.045 ng/u1
RT: 15.602 min Scan# 2737
Delta R.T. -0.000 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23



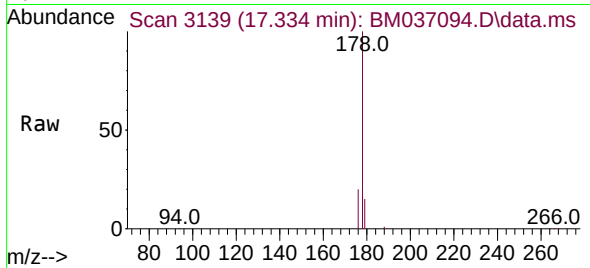
Tgt Ion:166 Resp: 2186
Ion Ratio Lower Upper
166 100
165 100.8 78.9 118.3
167 21.8 11.3 16.9#





#15
Phenanthrene
Concen: 0.825 ng/ul
RT: 17.334 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23

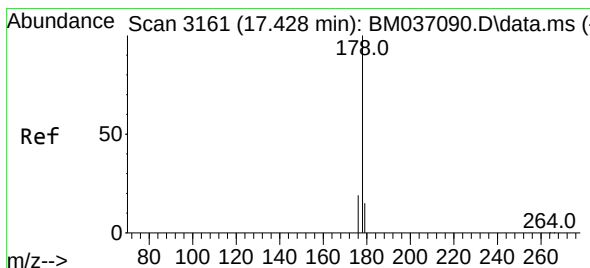
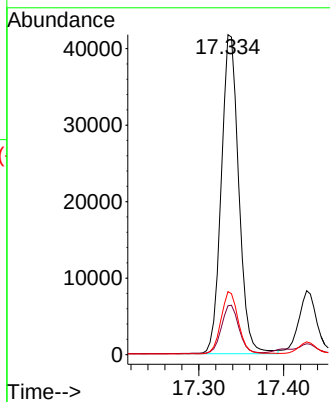
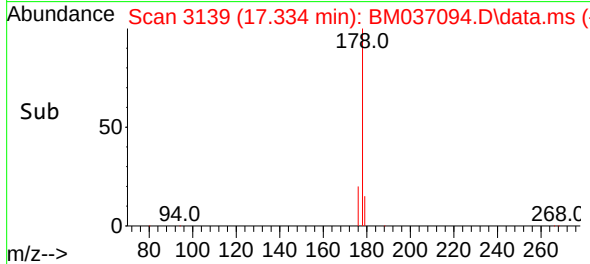
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ClientSampleId :
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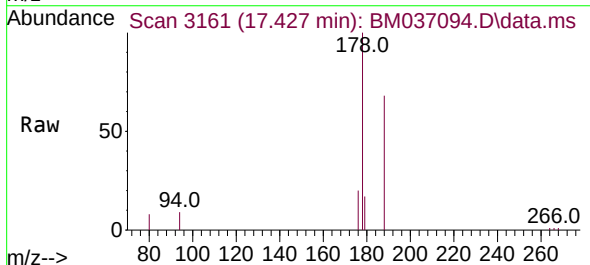
Tgt Ion:178 Resp: 59724
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.7 15.6 23.4

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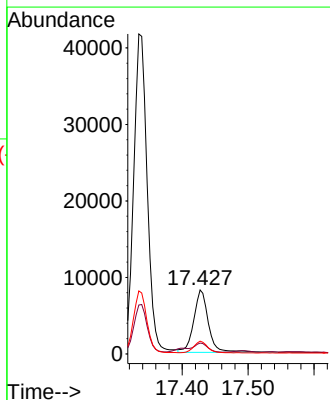
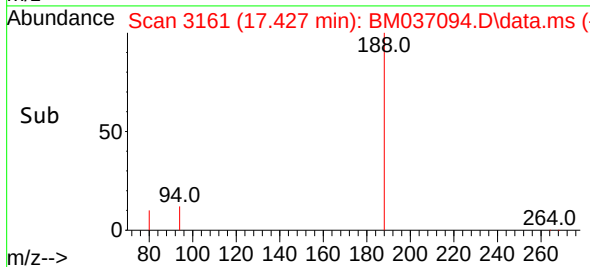
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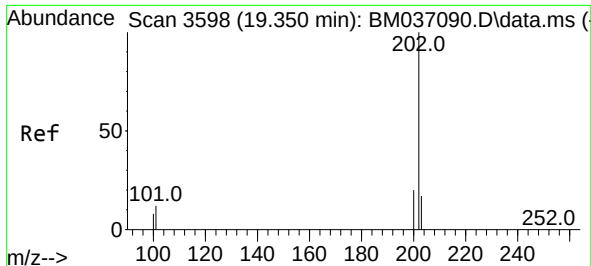


#16
Anthracene
Concen: 0.208 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23



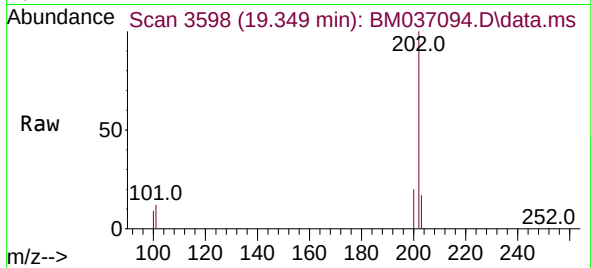
Tgt Ion:178 Resp: 12574
Ion Ratio Lower Upper
178 100
179 16.9 13.6 20.4
176 20.0 15.6 23.4





#19
Fluoranthene
Concen: 2.303 ng/ul
RT: 19.349 min Scan# 3598
Delta R.T. -0.000 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23

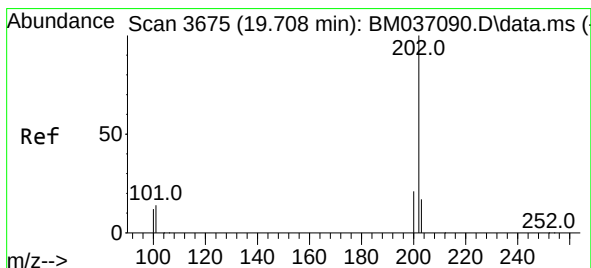
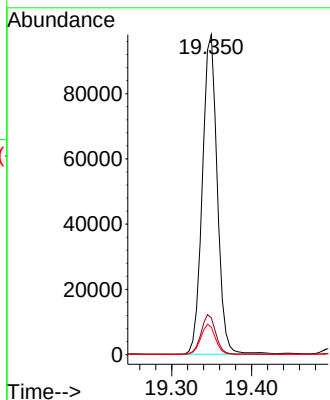
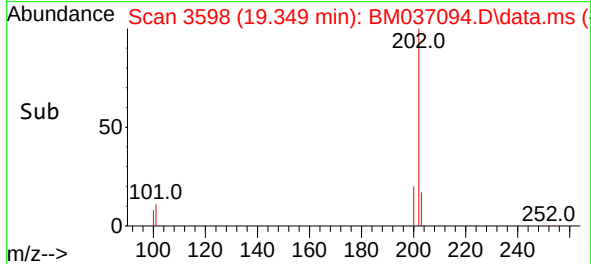
Instrument :
BNA_M
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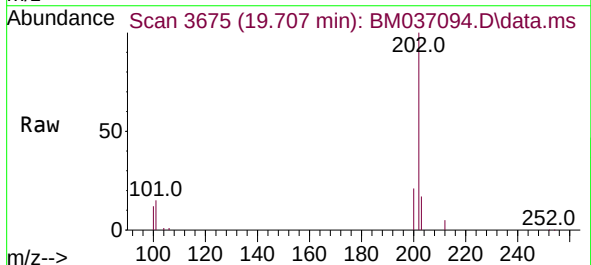
Tgt Ion:202 Resp: 126696
Ion Ratio Lower Upper
202 100
101 11.5 10.1 15.1
100 8.6 7.9 11.9

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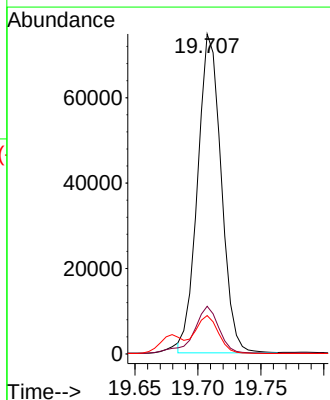
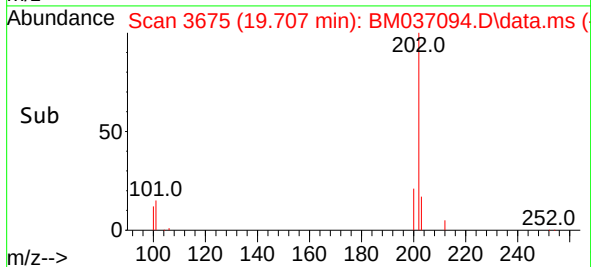
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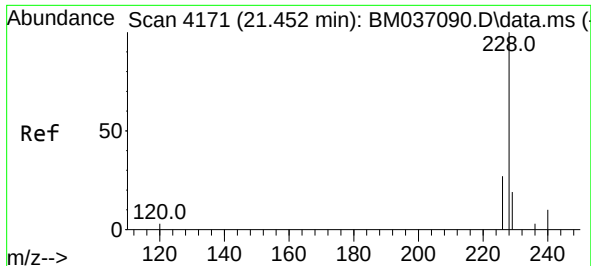


#20
Pyrene
Concen: 1.701 ng/ul m
RT: 19.707 min Scan# 3675
Delta R.T. -0.000 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23



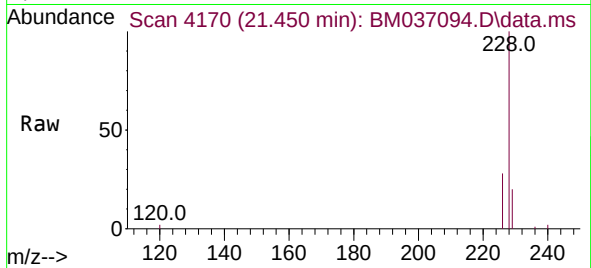
Tgt Ion:202 Resp: 97576
Ion Ratio Lower Upper
202 100
101 14.9 12.0 18.0
100 12.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.136 ng/ul
RT: 21.450 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23

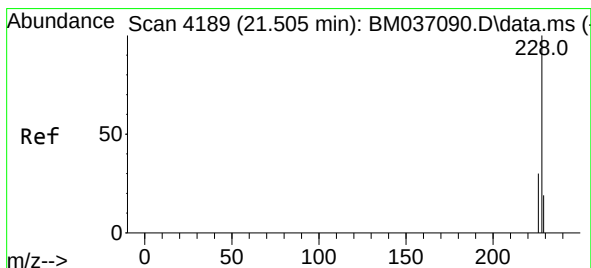
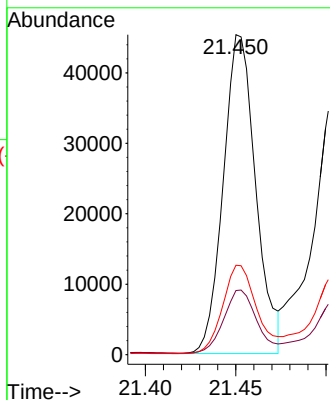
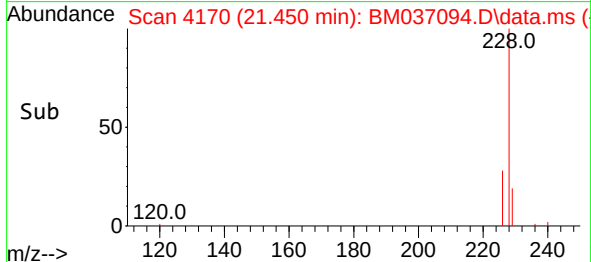
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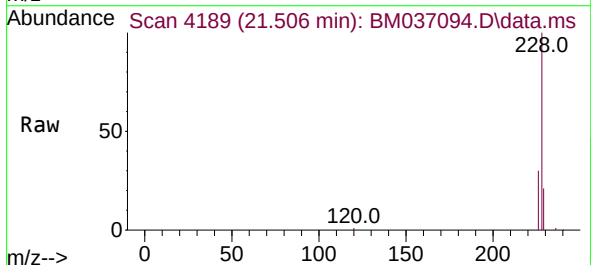
Tgt Ion:228 Resp: 56762
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 27.9 22.5 33.7

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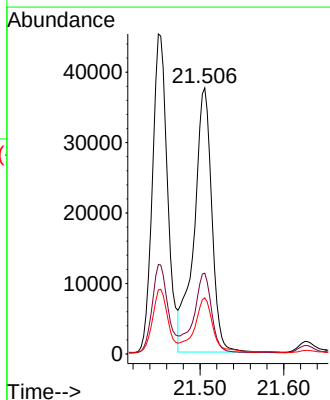
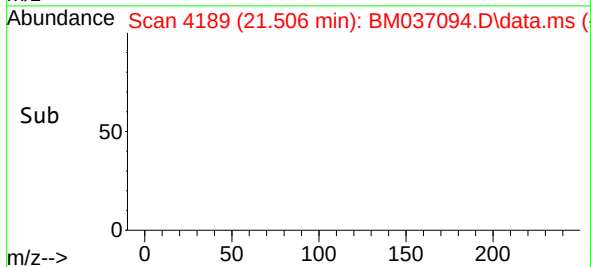
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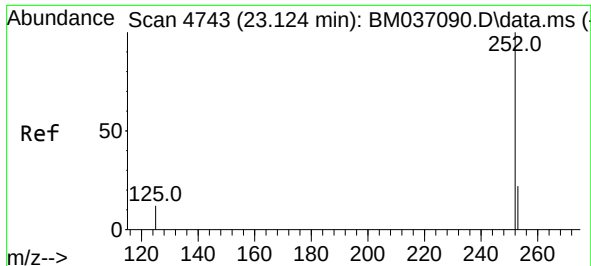


#22
Chrysene
Concen: 1.032 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. 0.003 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23



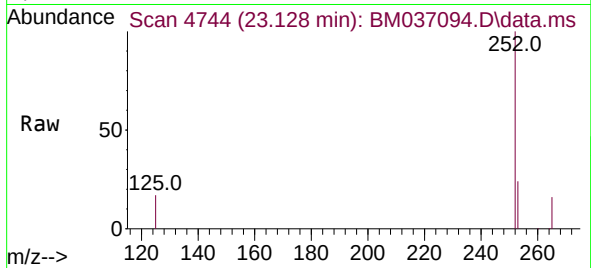
Tgt Ion:228 Resp: 55337
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.147 ng/ul
RT: 23.128 min Scan# 4743
Delta R.T. 0.006 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23

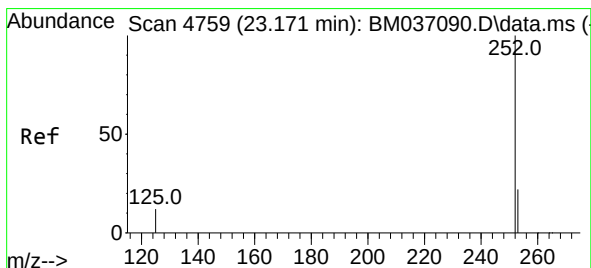
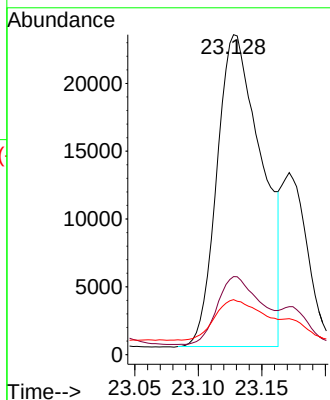
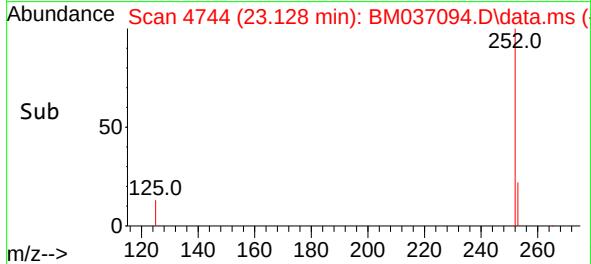
Instrument :
BNA_M
ClientSampleId :
C0BM4DL



Tgt Ion:252 Resp: 56230
Ion Ratio Lower Upper
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125 17.2 0.0 42.6

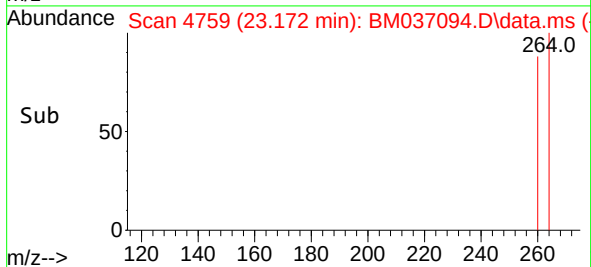
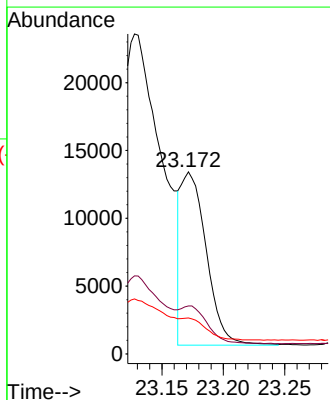
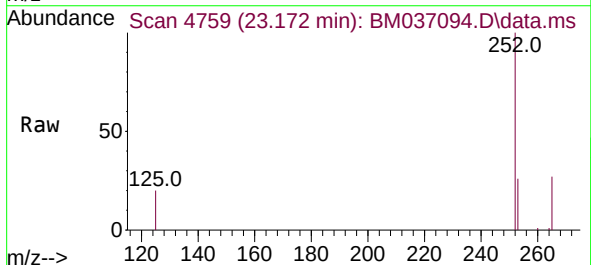
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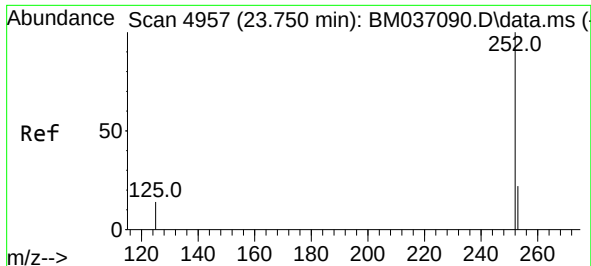
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul m
RT: 23.172 min Scan# 4759
Delta R.T. 0.003 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23

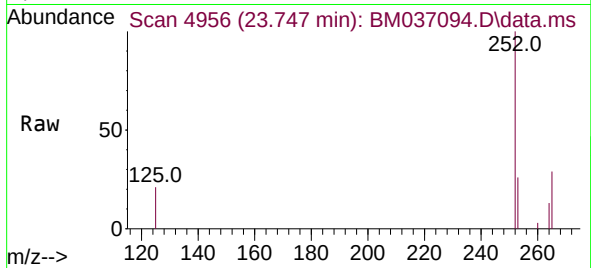
Tgt Ion:252 Resp: 18385
Ion Ratio Lower Upper
252 100
253 26.3 25.2 37.8
125 19.8 18.3 27.5





#26
Benzo(a)pyrene
Concen: 0.685 ng/ul
RT: 23.747 min Scan# 4957
Delta R.T. 0.003 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23

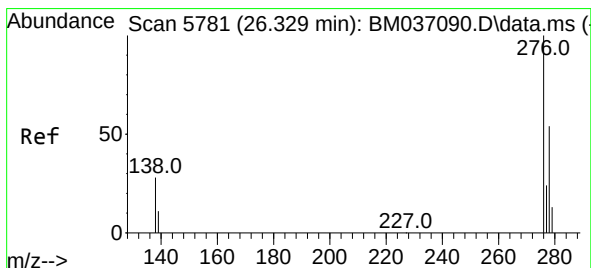
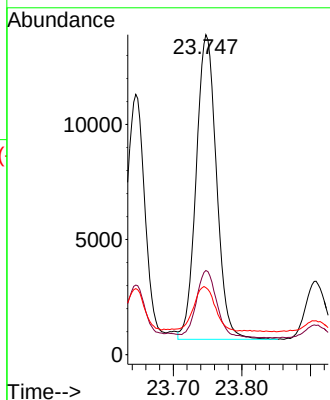
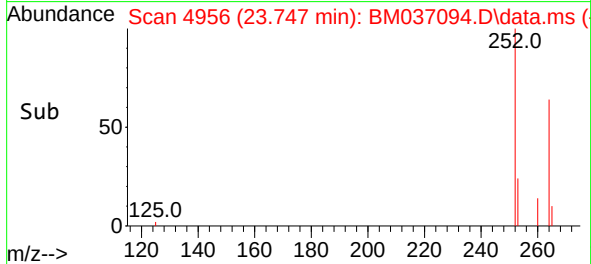
Instrument :
BNA_M
ClientSampleId :
C0BM4DL



Tgt Ion:252 Resp: 27244
Ion Ratio Lower Upper
252 100
253 26.3 29.7 44.5
125 20.9 23.6 35.4

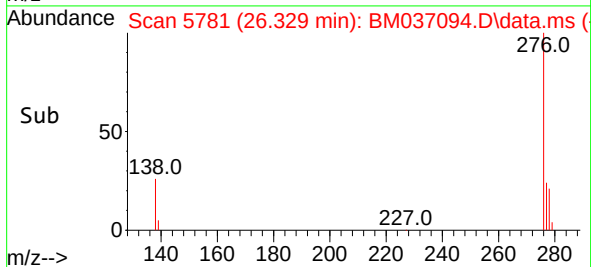
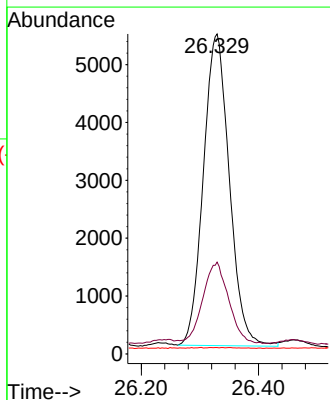
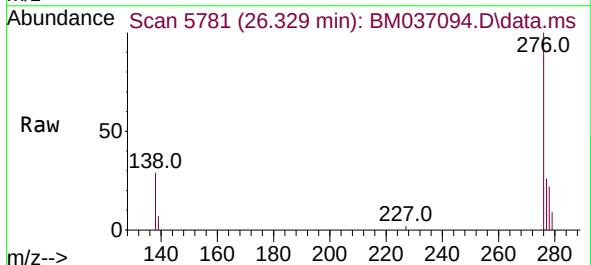
Manual Integrations
APPROVED

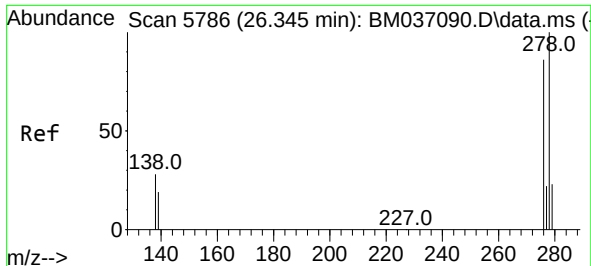
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.294 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. 0.003 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23

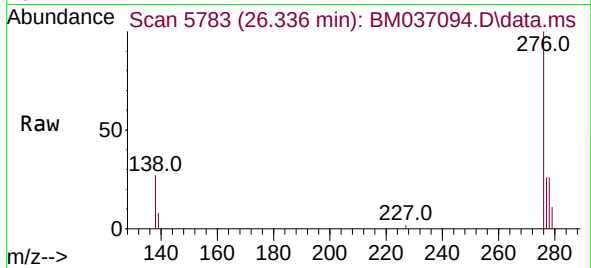
Tgt Ion:276 Resp: 16571
Ion Ratio Lower Upper
276 100
138 26.1 23.9 35.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul
RT: 26.336 min Scan# 5786
Delta R.T. -0.007 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23

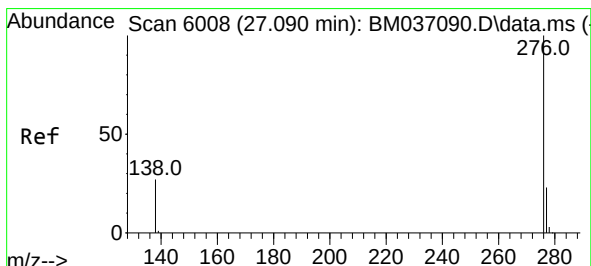
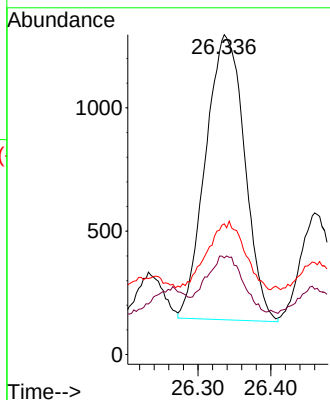
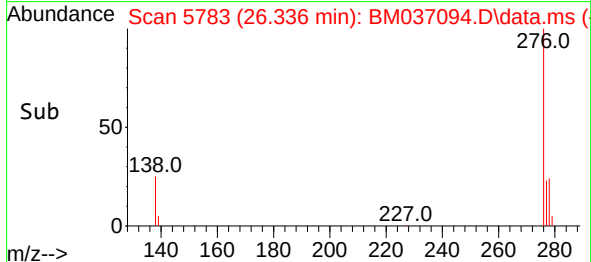
Instrument :
BNA_M
ClientSampleId :
C0BM4DL



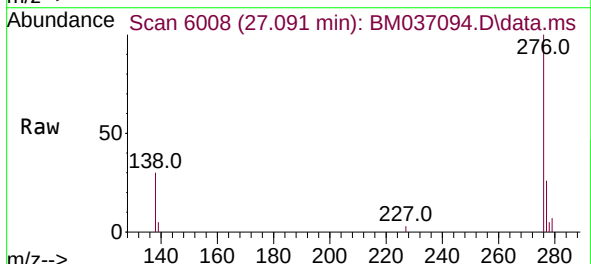
Tgt Ion:278 Resp: 4294
Ion Ratio Lower Upper
278 100
139 30.2 19.8 29.6
279 40.9 27.7 41.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.254 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. 0.003 min
Lab File: BM037094.D
Acq: 15 Oct 2022 16:23



Tgt Ion:276 Resp: 12595
Ion Ratio Lower Upper
276 100
138 29.8 23.4 35.0
277 26.3 21.0 31.4

