

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037098.D
 Acq On : 15 Oct 2022 18:46
 Operator : CG/JU
 Sample : N5049-14DL 5X
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS0DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 17 00:57:03 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	6854	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	24240	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	12600	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	25149	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	17889	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	16545	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	6679	0.691	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	1902	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	3431	0.064	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	17411	0.251	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	10141	0.239	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	7369	0.171	ng/ul	100
10) Acenaphthylene	14.275	152	92371	1.764	ng/ul	98
11) Acenaphthene	14.618	153	2892	0.064	ng/ul	96
12) Fluorene	15.603	166	4456	0.087	ng/ul#	97
15) Phenanthrene	17.335	178	40215	0.501	ng/ul	99
16) Anthracene	17.428	178	173482	2.586	ng/ul	97
19) Fluoranthene	19.346	202	310367	4.362	ng/ul	100
20) Pyrene	19.708	202	403887	5.443	ng/ul	99
21) Benzo(a)anthracene	21.452	228	291513	4.510	ng/ul	97
22) Chrysene	21.505	228	463850	6.684	ng/ul	99
24) Benzo(b)fluoranthene	23.130	252	928193	12.558	ng/ul	84
25) Benzo(k)fluoranthene	23.174	252	266395m	3.699	ng/ul	
26) Benzo(a)pyrene	23.753	252	485736	8.100	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.332	276	580342	6.832	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.339	278	146938m	2.140	ng/ul	
29) Benzo(g,h,i)perylene	27.100	276	502216	6.709	ng/ul	95

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

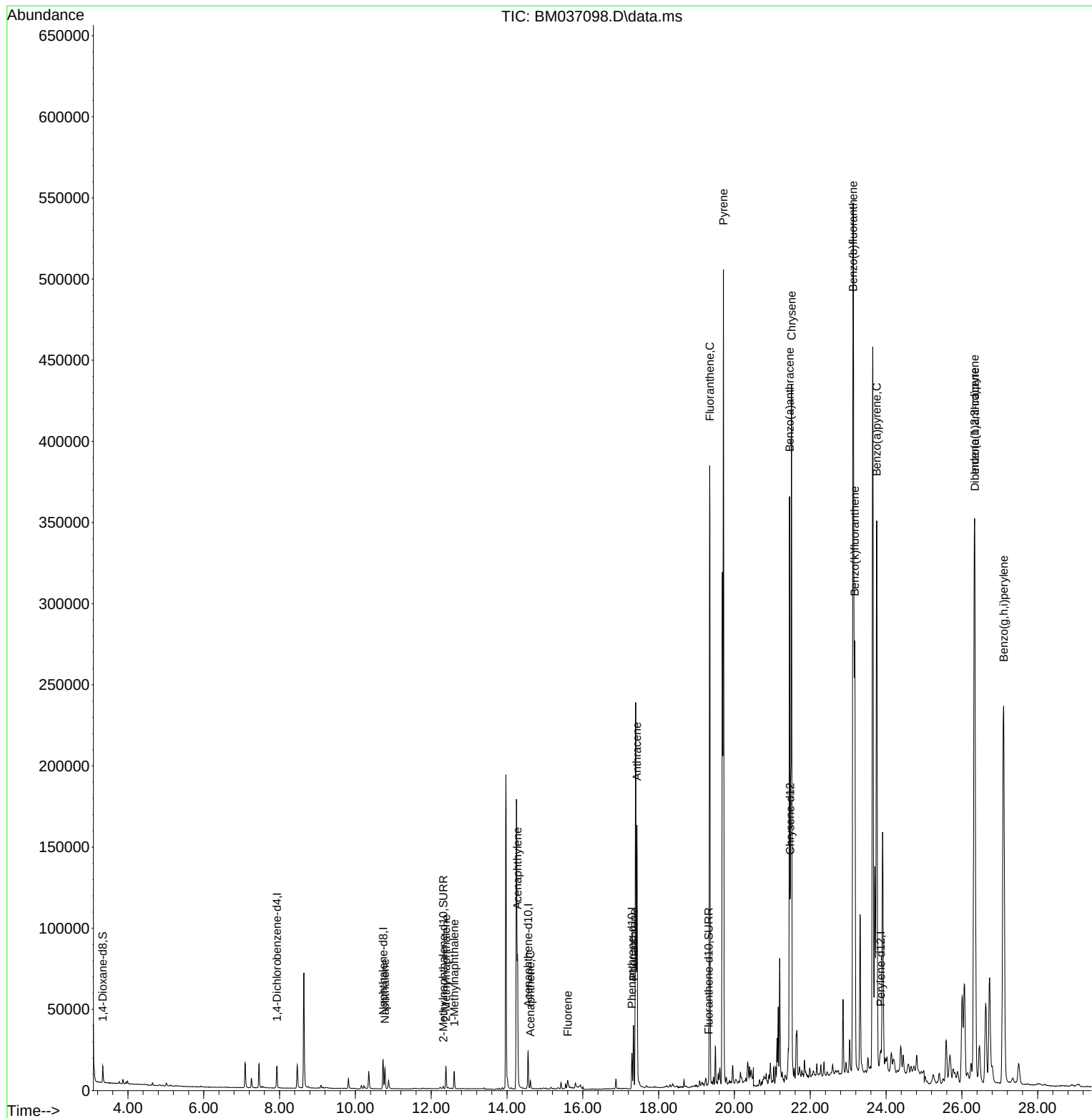
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037098.D
Acq On : 15 Oct 2022 18:46
Operator : CG/JU
Sample : N5049-14DL 5X
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ALS Vial : 96 Sample Multiplier: 1

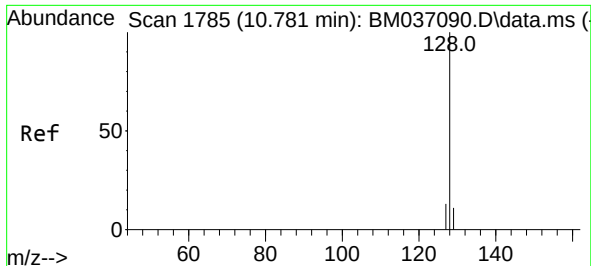
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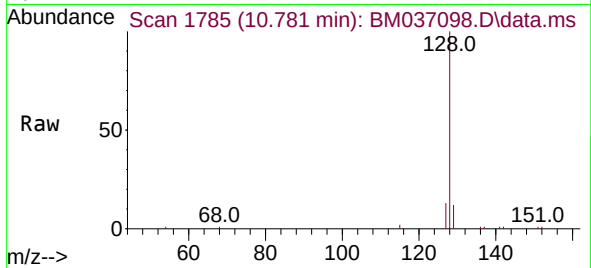
Quant Time: Oct 17 00:57:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
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#5
Naphthalene
Concen: 0.251 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

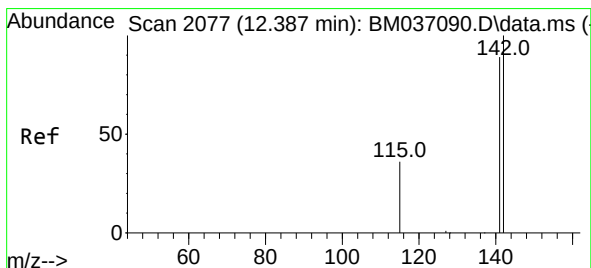
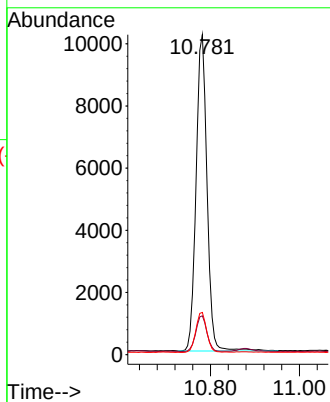
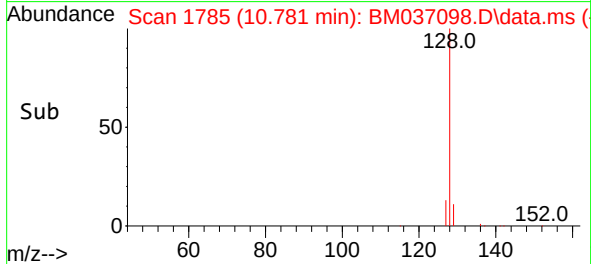
Instrument :
BNA_M
ClientSampleId :
C0BS0DL



Tgt Ion:128 Resp: 1741
Ion Ratio Lower Upper
128 100
129 12.1 10.2 15.2
127 13.2 11.7 17.5

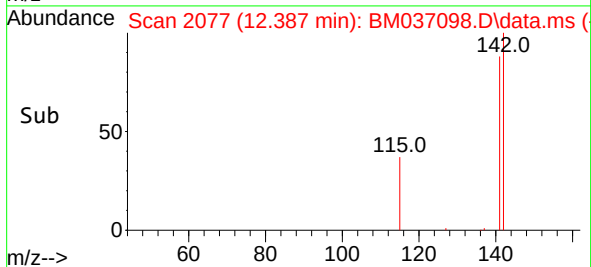
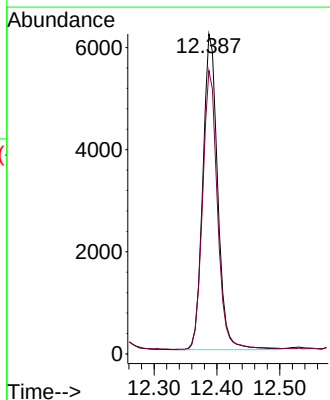
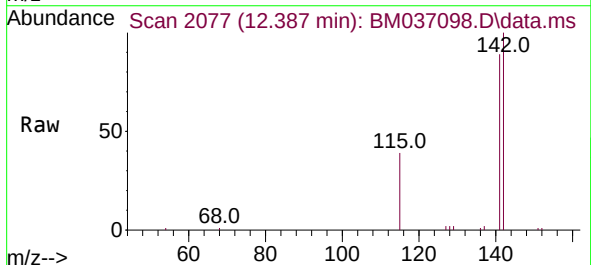
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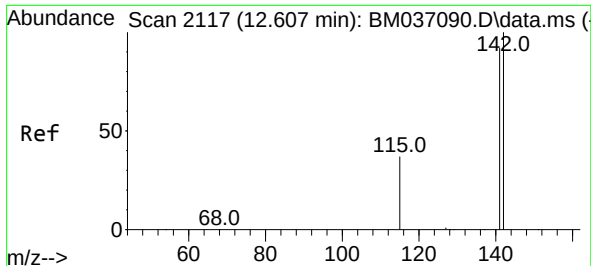
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#7
2-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

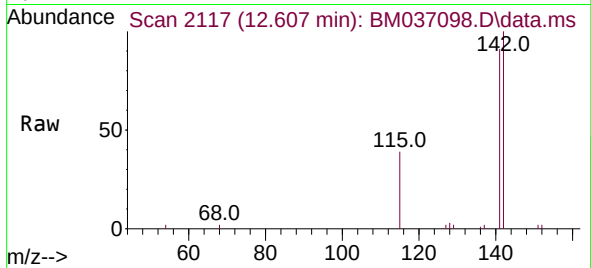
Tgt Ion:142 Resp: 10141
Ion Ratio Lower Upper
142 100
141 89.0 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.171 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

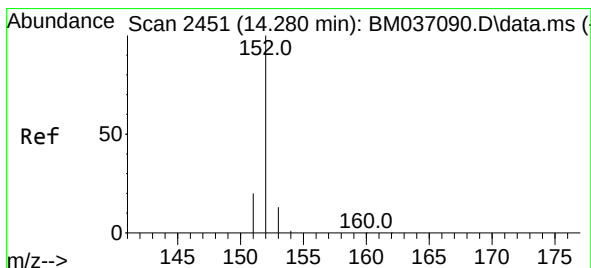
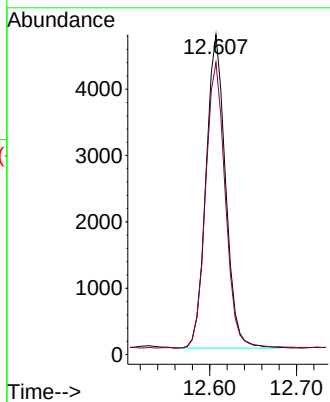
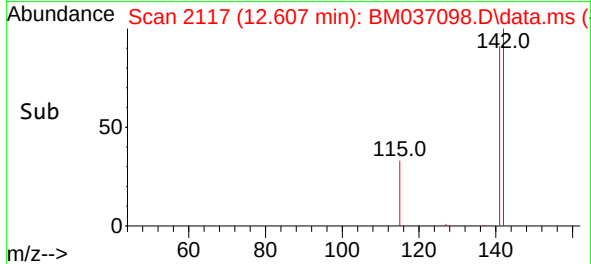
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 7369
Ion Ratio Lower Upper
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141 92.5 74.1 111.1

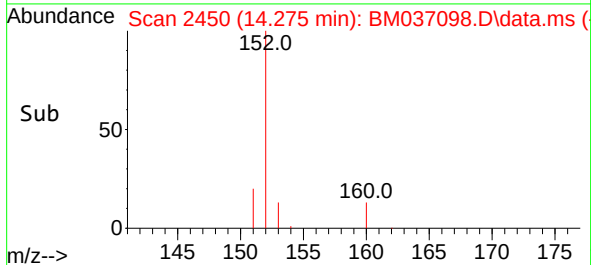
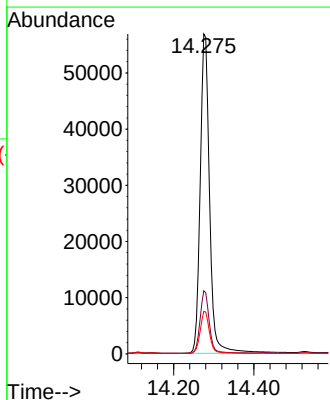
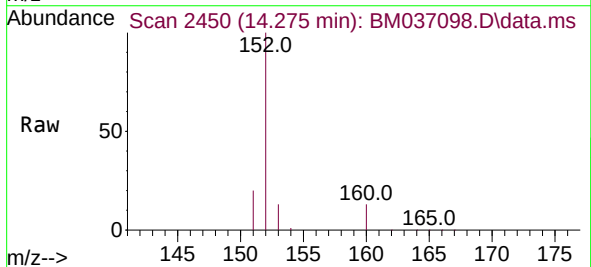
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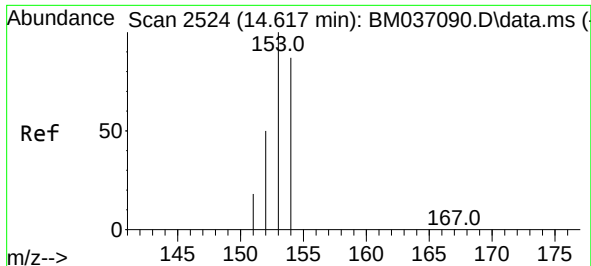
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#10
Acenaphthylene
Concen: 1.764 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

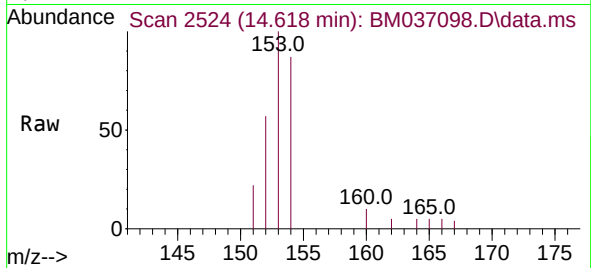
Tgt Ion:152 Resp: 92371
Ion Ratio Lower Upper
152 100
151 19.7 16.6 24.8
153 13.3 11.4 17.0





#11
Acenaphthene
Concen: 0.064 ng/u1
RT: 14.618 min Scan# 2524
Delta R.T. 0.001 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

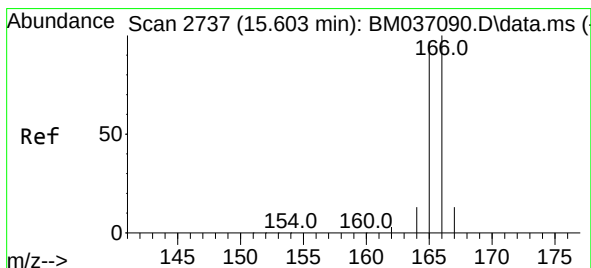
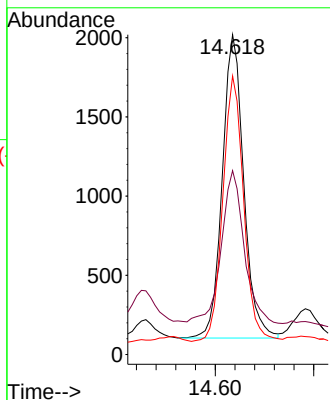
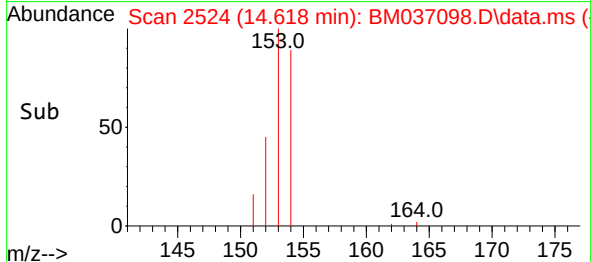
Instrument :
BNA_M
ClientSampleId :
C0BS0DL



Tgt Ion:153 Resp: 2892
Ion Ratio Lower Upper
153 100
152 57.5 40.2 60.4
154 87.1 69.7 104.5

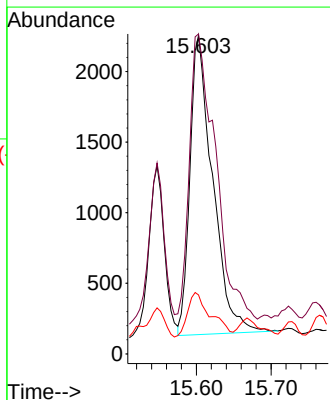
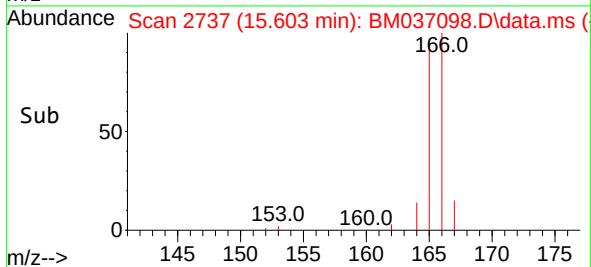
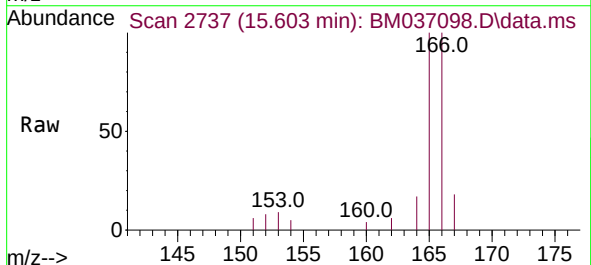
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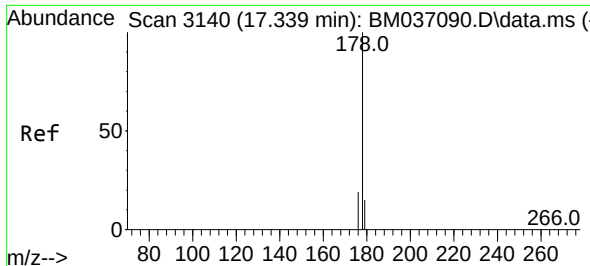
Reviewed By :Jagrut Upadhyay 10/17/2022
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#12
Fluorene
Concen: 0.087 ng/u1
RT: 15.603 min Scan# 2737
Delta R.T. 0.001 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

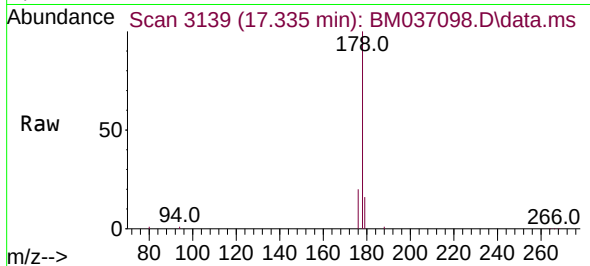
Tgt Ion:166 Resp: 4456
Ion Ratio Lower Upper
166 100
165 100.5 78.9 118.3
167 18.5 11.3 16.9#





#15
Phenanthrene
Concen: 0.501 ng/ul
RT: 17.335 min Scan# 3140
Delta R.T. -0.003 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

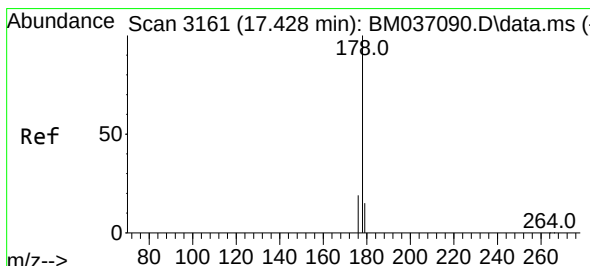
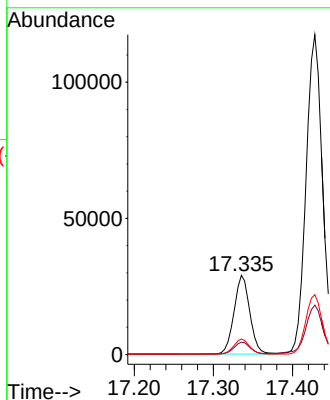
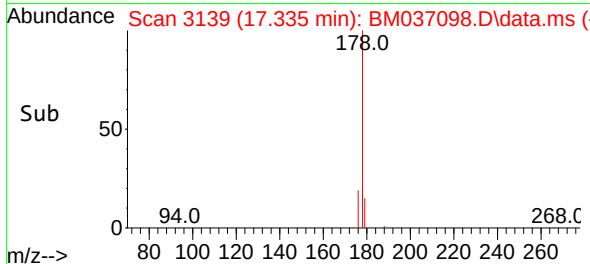
Instrument :
BNA_M
ClientSampleId :
C0BS0DL



Tgt Ion:178 Resp: 40215
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.8 15.6 23.4

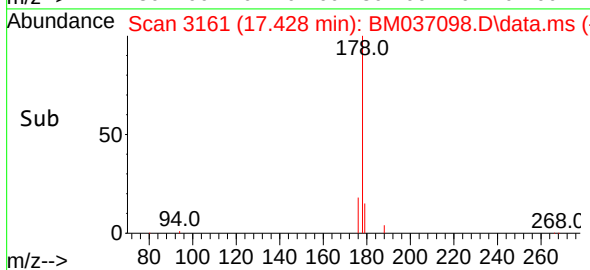
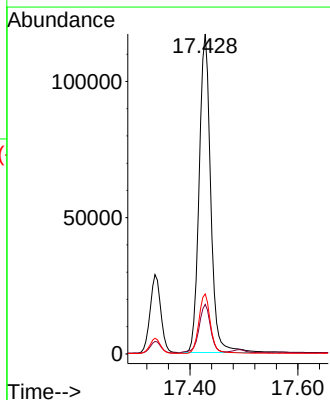
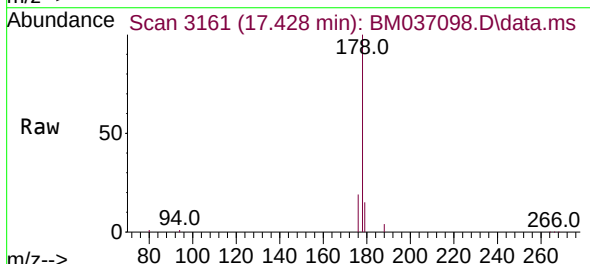
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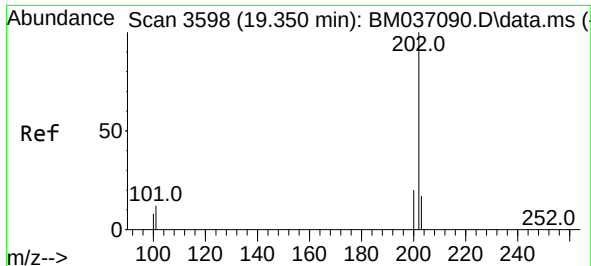
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#16
Anthracene
Concen: 2.586 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

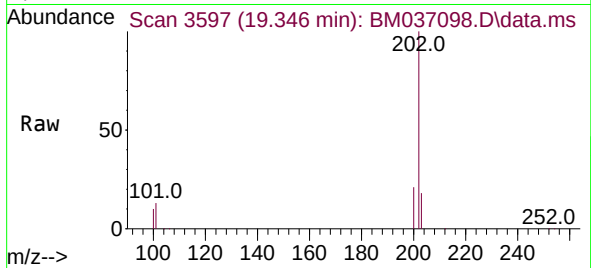
Tgt Ion:178 Resp: 173482
Ion Ratio Lower Upper
178 100
179 15.5 13.6 20.4
176 18.7 15.6 23.4





#19
Fluoranthene
Concen: 4.362 ng/u1
RT: 19.346 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

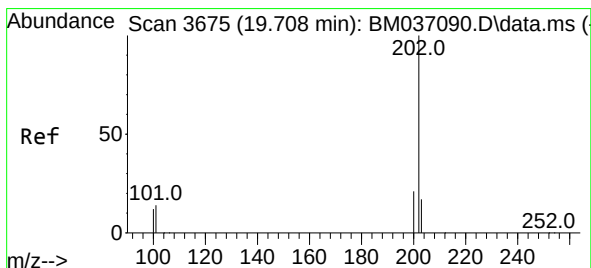
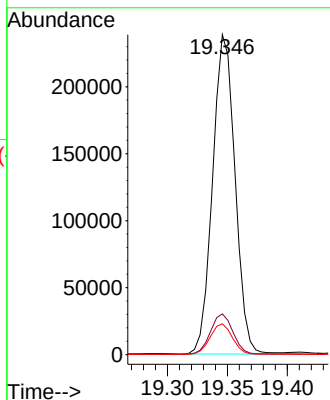
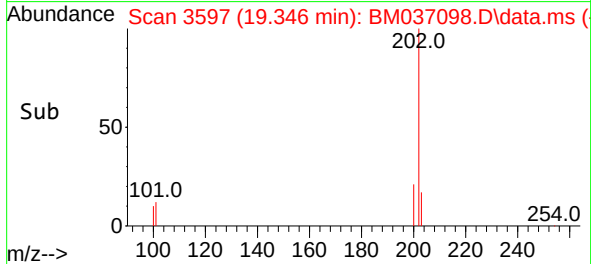
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BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 31036
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.6 7.9 11.9

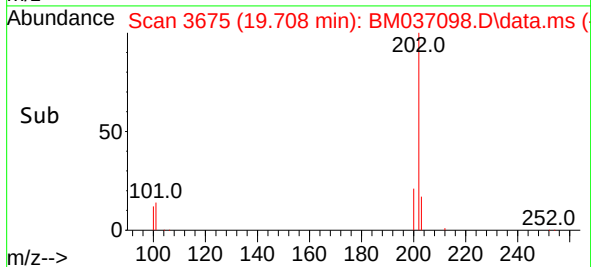
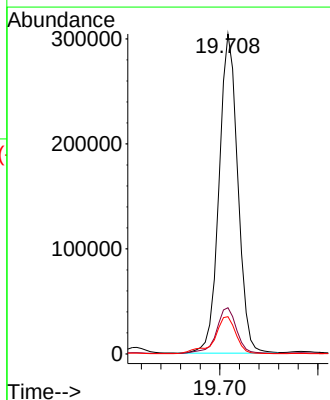
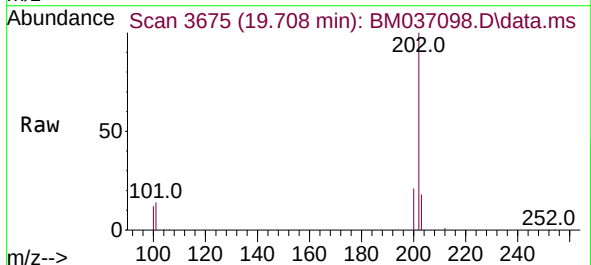
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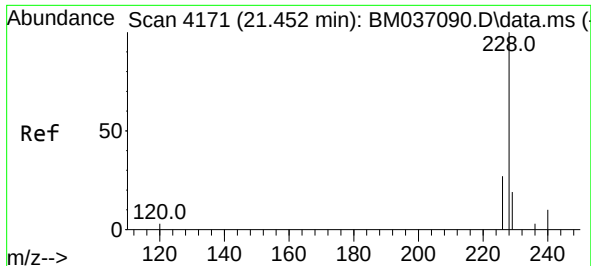
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#20
Pyrene
Concen: 5.443 ng/u1
RT: 19.708 min Scan# 3675
Delta R.T. 0.001 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

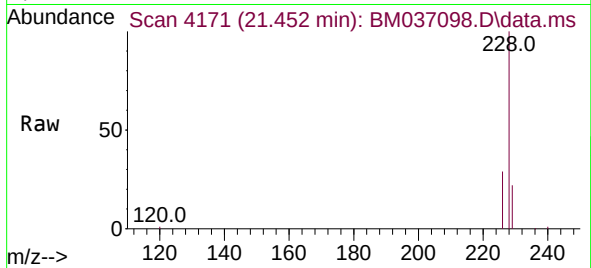
Tgt Ion:202 Resp: 403887
Ion Ratio Lower Upper
202 100
101 14.4 12.0 18.0
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 4.510 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. 0.002 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

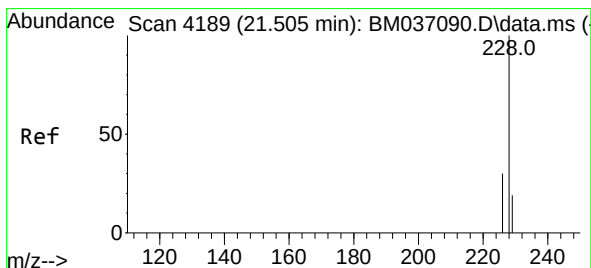
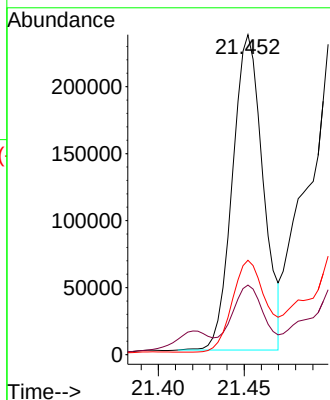
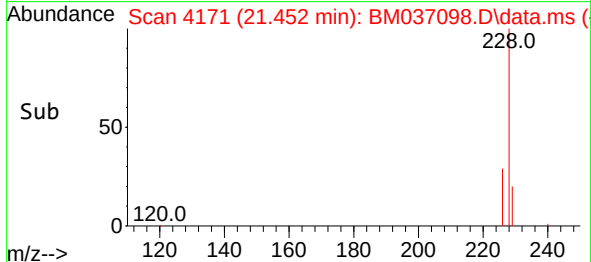
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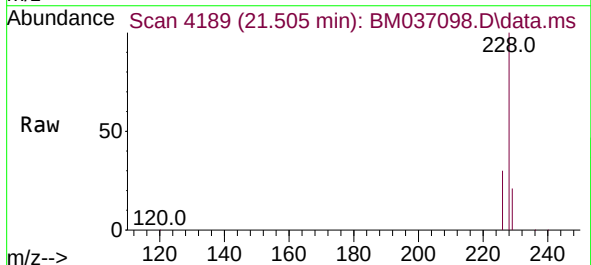
Tgt Ion:228 Resp: 291513
Ion Ratio Lower Upper
228 100
229 21.7 16.2 24.2
226 29.5 22.5 33.7

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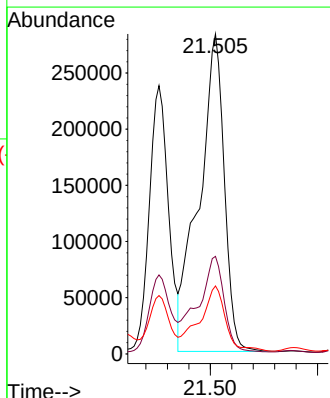
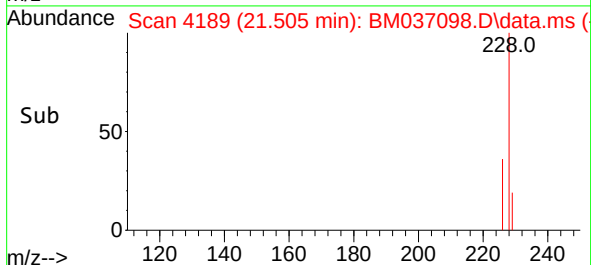
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

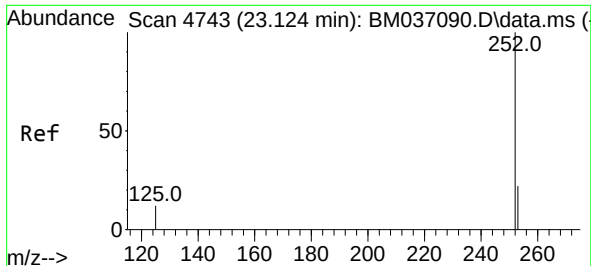


#22
Chrysene
Concen: 6.684 ng/ul
RT: 21.505 min Scan# 4189
Delta R.T. 0.002 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46



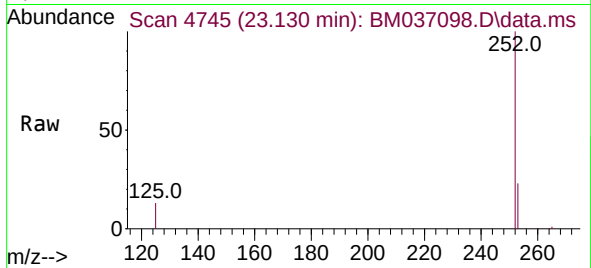
Tgt Ion:228 Resp: 463850
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 21.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 12.558 ng/ul
RT: 23.130 min Scan# 4745
Delta R.T. 0.008 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

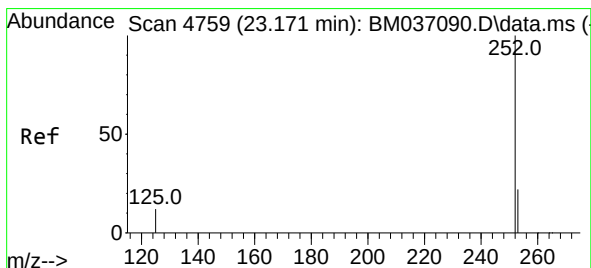
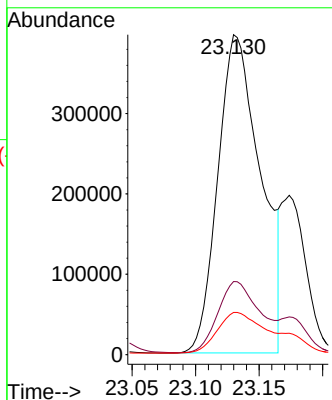
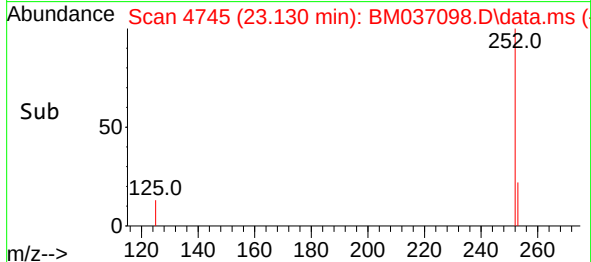
Instrument :
BNA_M
ClientSampleId :
C0BS0DL



Tgt Ion:252 Resp: 928193
Ion Ratio Lower Upper
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253 22.8 0.0 61.4
125 13.2 0.0 42.6

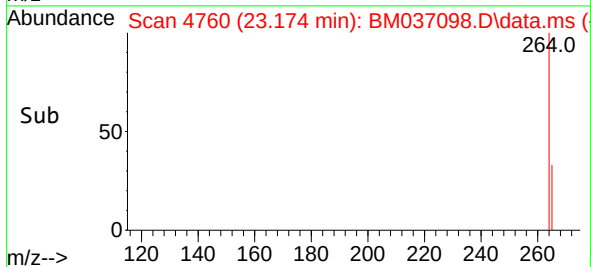
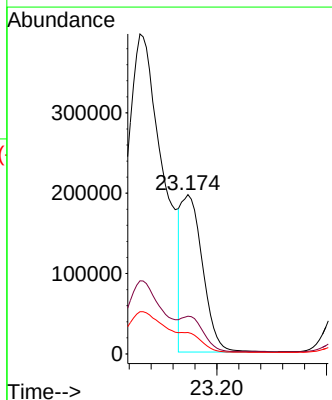
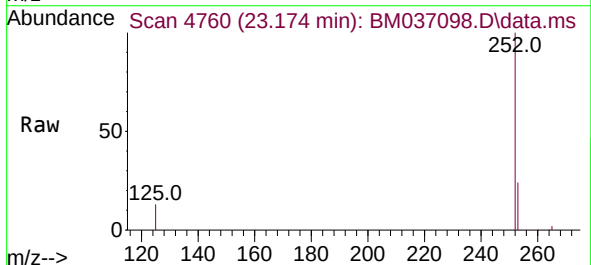
Manual Integrations
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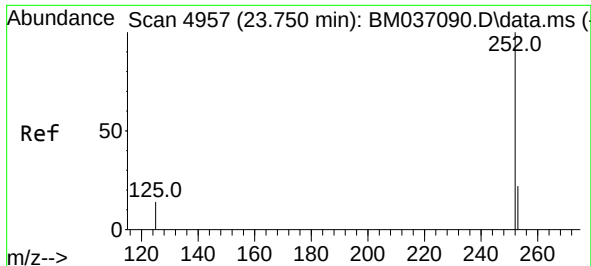
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#25
Benzo(k)fluoranthene
Concen: 3.699 ng/ul m
RT: 23.174 min Scan# 4760
Delta R.T. 0.005 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

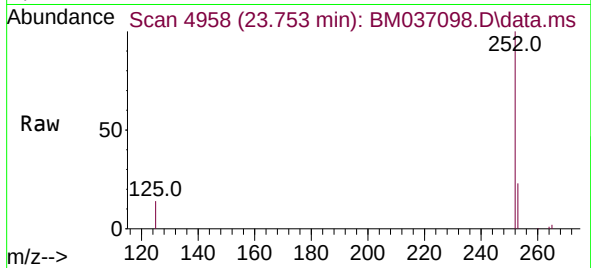
Tgt Ion:252 Resp: 266395
Ion Ratio Lower Upper
252 100
253 23.7 25.2 37.8#
125 13.4 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 8.100 ng/ul
RT: 23.753 min Scan# 4957
Delta R.T. 0.008 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

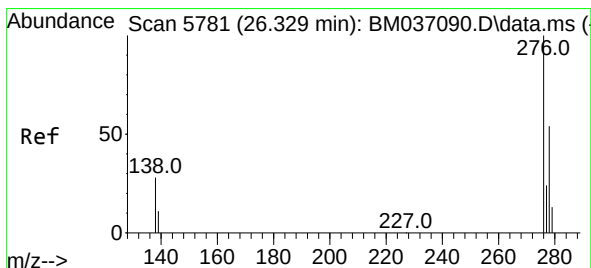
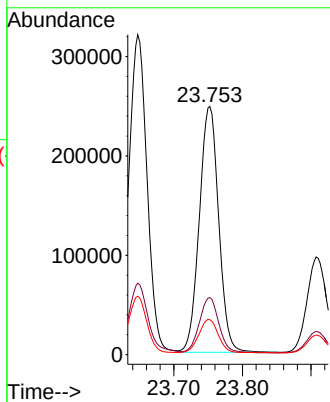
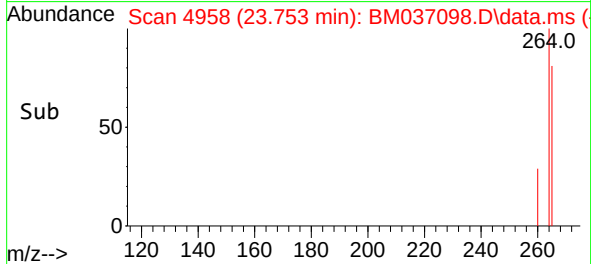
Instrument :
BNA_M
ClientSampleId :
C0BS0DL



Tgt Ion:252 Resp: 485736
Ion Ratio Lower Upper
252 100
253 23.0 29.7 44.5
125 14.1 23.6 35.4

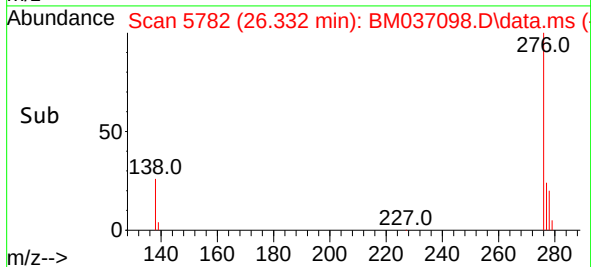
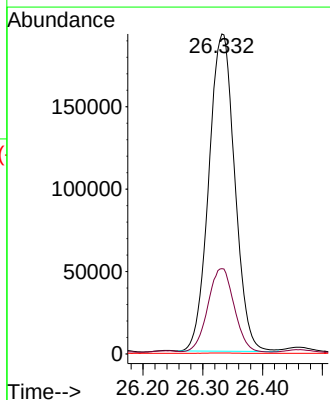
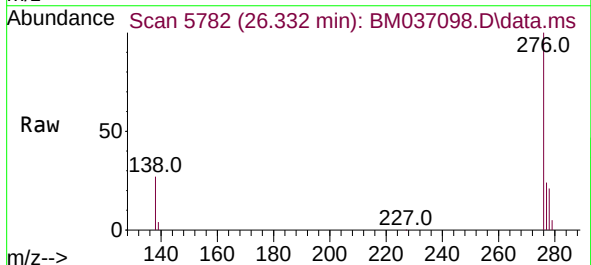
Manual Integrations
APPROVED

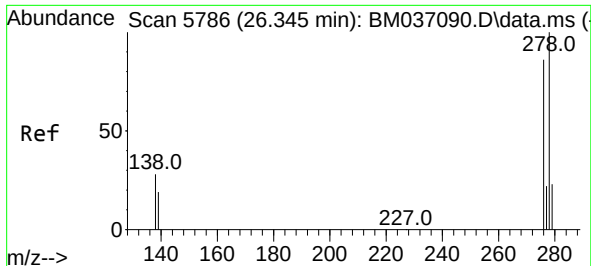
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.832 ng/ul
RT: 26.332 min Scan# 5782
Delta R.T. 0.006 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

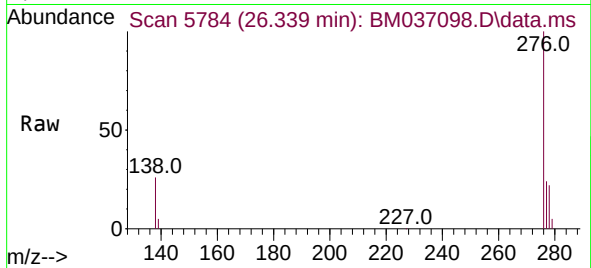
Tgt Ion:276 Resp: 580342
Ion Ratio Lower Upper
276 100
138 26.9 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 2.140 ng/ul m
RT: 26.339 min Scan# 5786
Delta R.T. -0.004 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

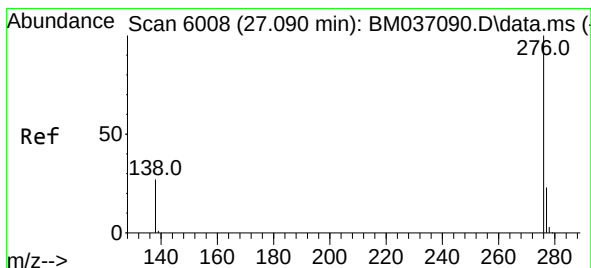
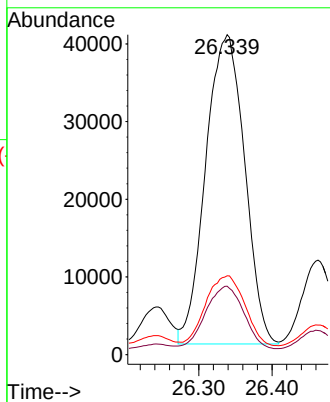
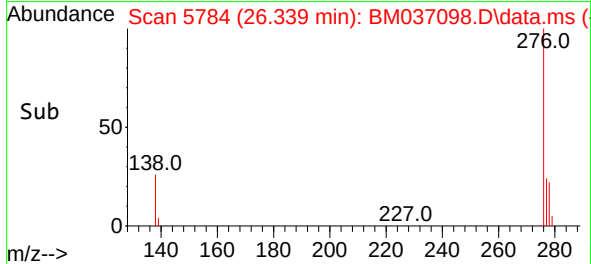
Instrument :
BNA_M
ClientSampleId :
C0BS0DL



Tgt Ion:278 Resp: 146938
Ion Ratio Lower Upper
278 100
139 21.4 19.8 29.6
279 24.6 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: 6.709 ng/ul
RT: 27.100 min Scan# 6011
Delta R.T. 0.013 min
Lab File: BM037098.D
Acq: 15 Oct 2022 18:46

Tgt Ion:276 Resp: 502216
Ion Ratio Lower Upper
276 100
138 26.9 23.4 35.0
277 23.7 21.0 31.4

