

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037114.D
 Acq On : 17 Oct 2022 15:51
 Operator : CG/JU
 Sample : N4984-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNB7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
 Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 17 23:54:59 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 : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	5624	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	20788	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.557	164	11123	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	22213	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	13981	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	11177	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	30901	3.896	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	7169	0.228	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	15335	0.367	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	72420	1.219	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	11215	0.308	ng/ul	93
8) 1-Methylnaphthalene	12.607	142	3831	0.104	ng/ul	100
10) Acenaphthylene	14.279	152	119431	2.583	ng/ul	98
11) Acenaphthene	14.617	153	70028	1.745	ng/ul	99
12) Fluorene	15.602	166	133893	2.945	ng/ul	98
15) Phenanthrene	17.334	178	563801	7.951	ng/ul	99
16) Anthracene	17.427	178	312744	5.277	ng/ul	98
19) Fluoranthene	19.350	202	2883595	51.855	ng/ul	97
20) Pyrene	19.712	202	2169273m	37.407	ng/ul	
21) Benzo(a)anthracene	21.453	228	1041069	20.610	ng/ul	97
22) Chrysene	21.506	228	754214	13.907	ng/ul	99
24) Benzo(b)fluoranthene	23.131	252	898377	17.992	ng/ul	85
25) Benzo(k)fluoranthene	23.175	252	287436m	5.908	ng/ul	
26) Benzo(a)pyrene	23.753	252	685353	16.917	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.333	276	374096	6.519	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.340	278	96015	2.070	ng/ul	92
29) Benzo(g,h,i)perylene	27.098	276	264904	5.238	ng/ul	96

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

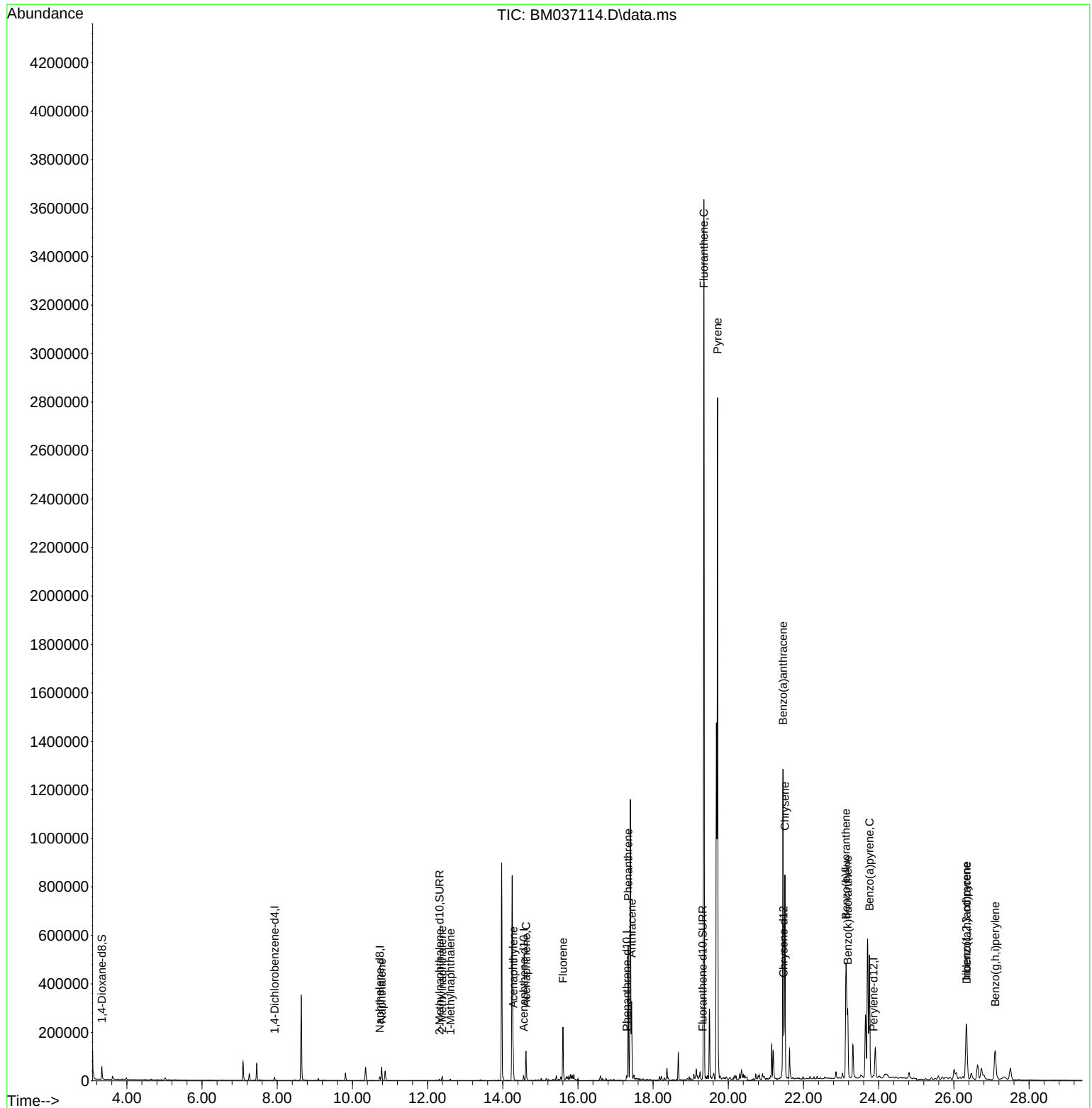
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
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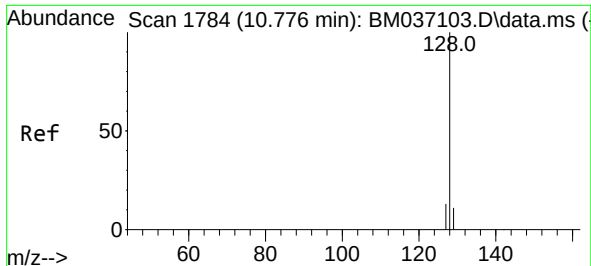
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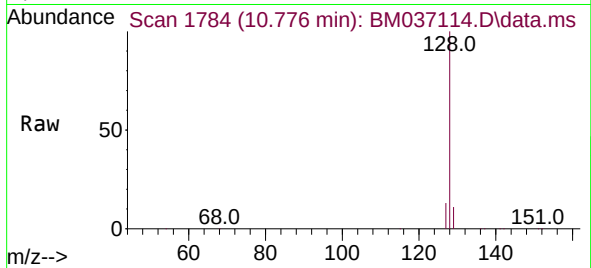
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022





#5
Naphthalene
Concen: 1.219 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

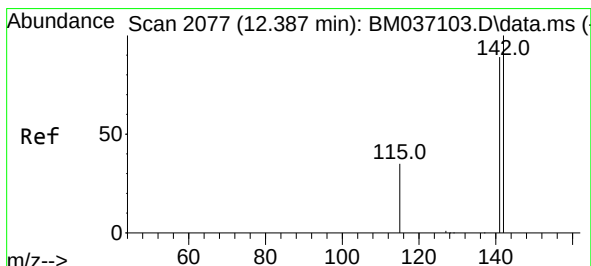
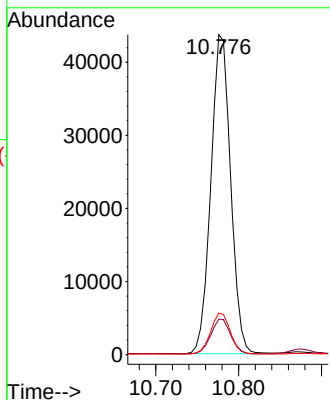
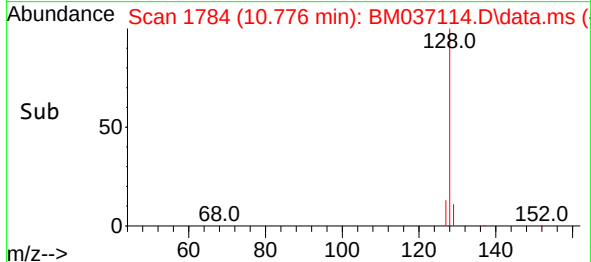
Instrument :
BNA_M
ClientSampleId :
BGNB7



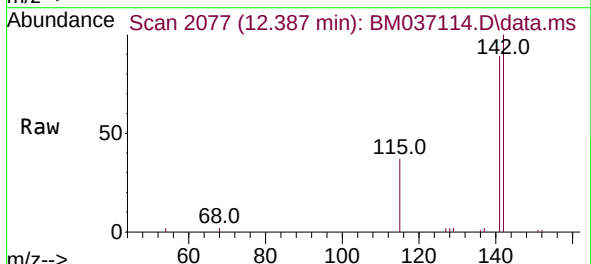
Tgt Ion:128 Resp: 72420
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 13.0 11.7 17.5

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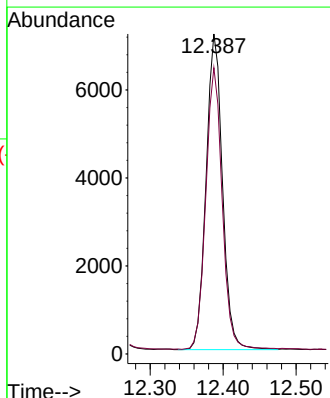
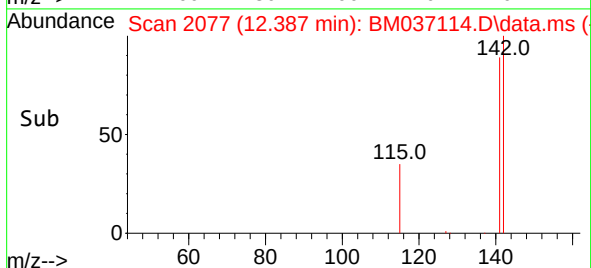
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

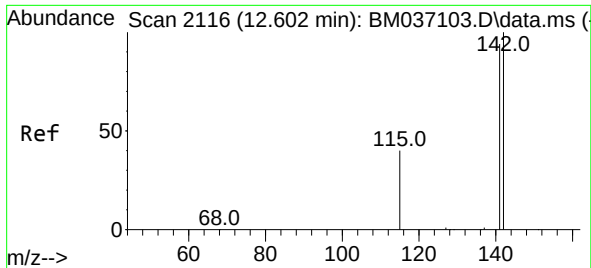


#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51



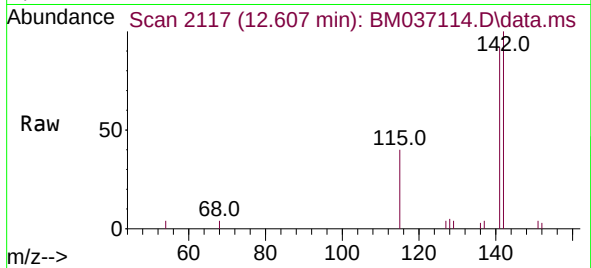
Tgt Ion:142 Resp: 11215
Ion Ratio Lower Upper
142 100
141 89.7 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.607 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

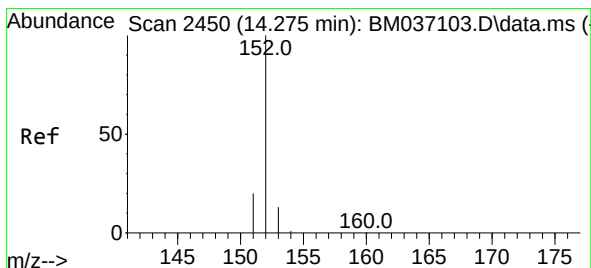
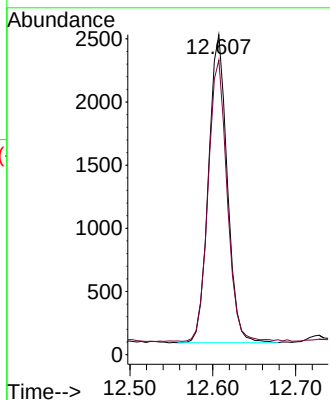
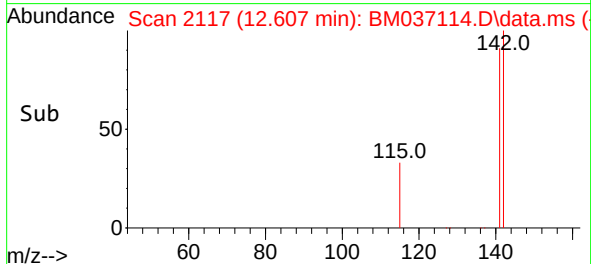
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 383
Ion Ratio Lower Upper
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141 93.0 74.1 111.1

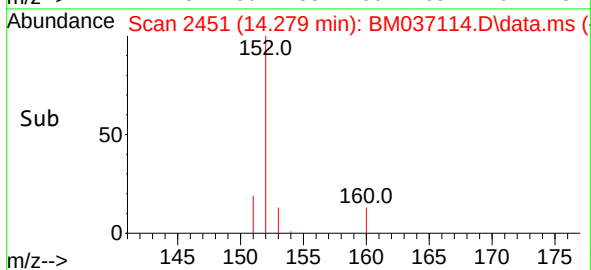
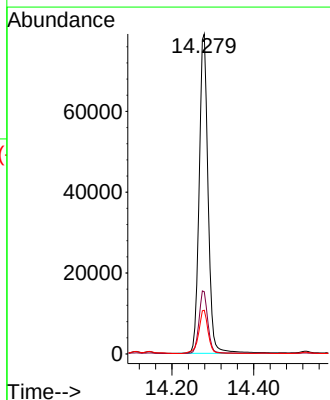
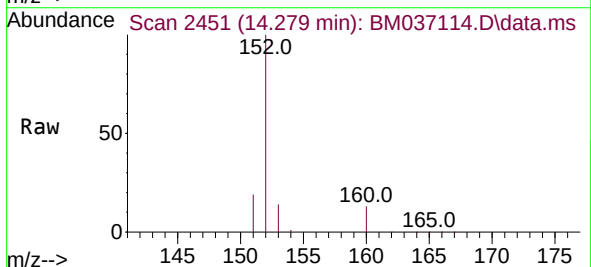
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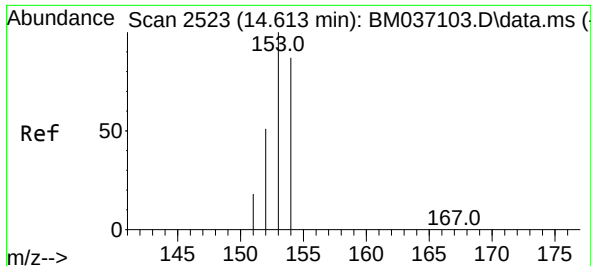
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#10
Acenaphthylene
Concen: 2.583 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

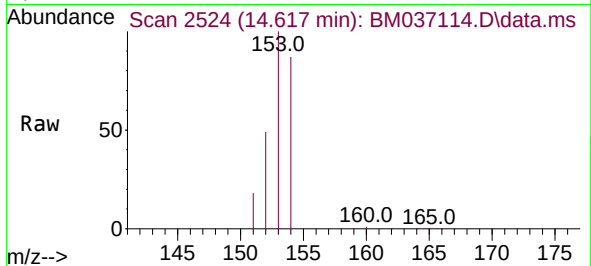
Tgt Ion:152 Resp: 119431
Ion Ratio Lower Upper
152 100
151 19.4 16.6 24.8
153 13.6 11.4 17.0





#11
Acenaphthene
Concen: 1.745 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

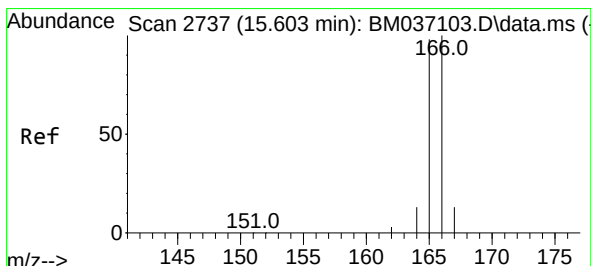
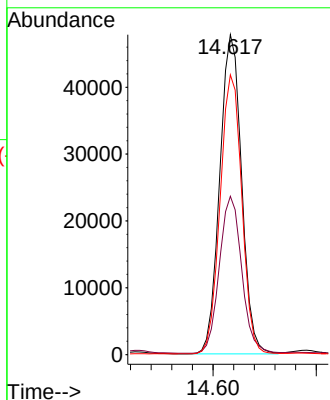
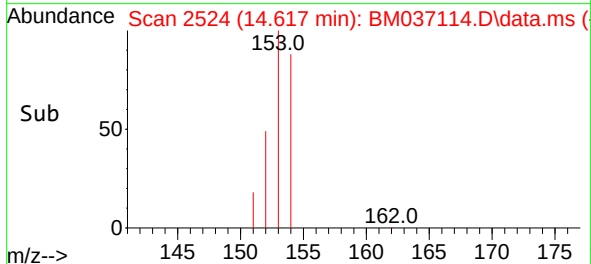
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 70028
Ion Ratio Lower Upper
153 100
152 49.5 40.2 60.4
154 87.4 69.7 104.5

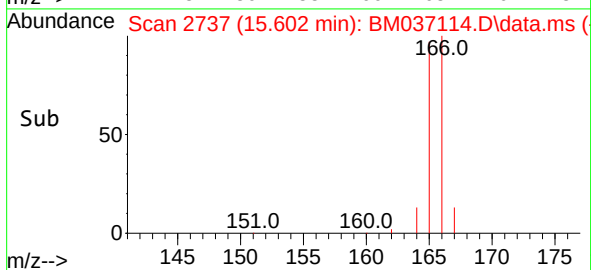
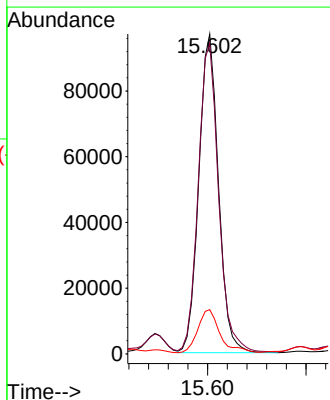
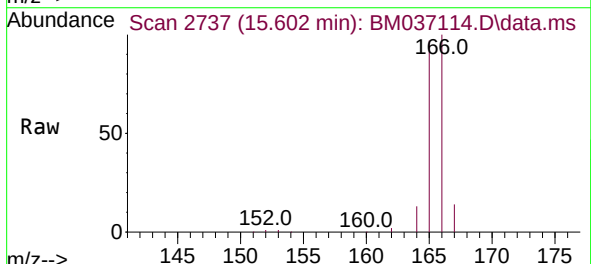
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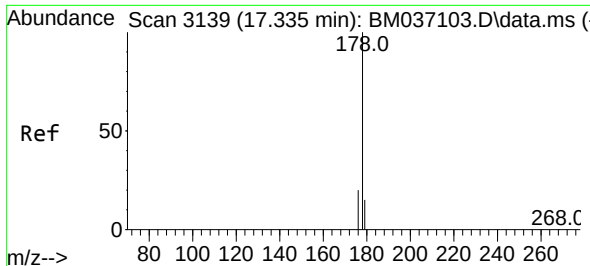
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#12
Fluorene
Concen: 2.945 ng/ul
RT: 15.602 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

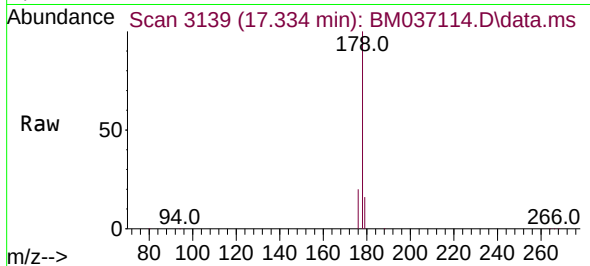
Tgt Ion:166 Resp: 133893
Ion Ratio Lower Upper
166 100
165 96.9 78.9 118.3
167 13.8 11.3 16.9





#15
Phenanthrene
Concen: 7.951 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

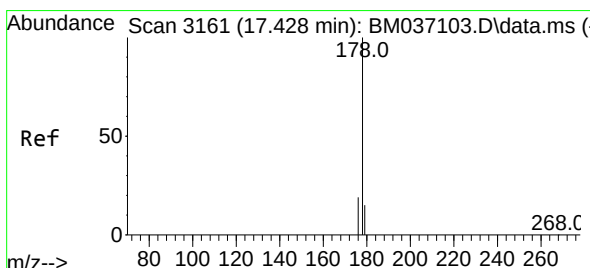
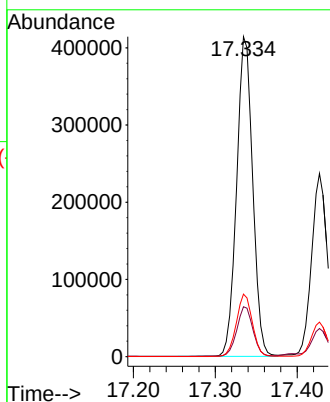
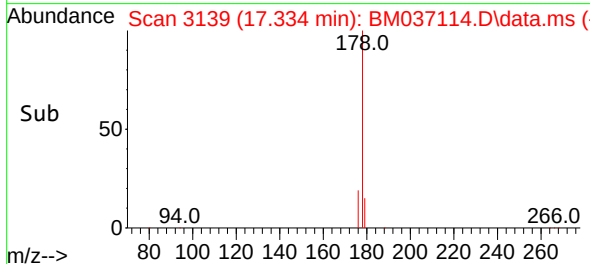
Instrument :
BNA_M
ClientSampleId :
BGNB7



Tgt Ion:178 Resp: 563801
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.5 15.6 23.4

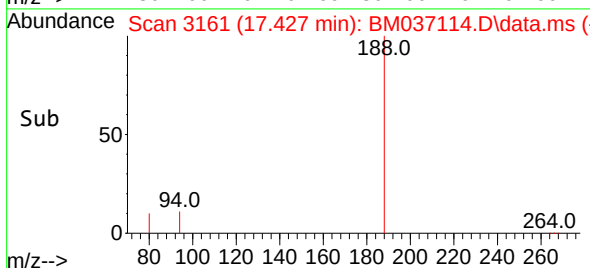
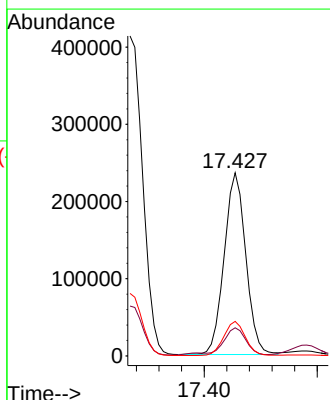
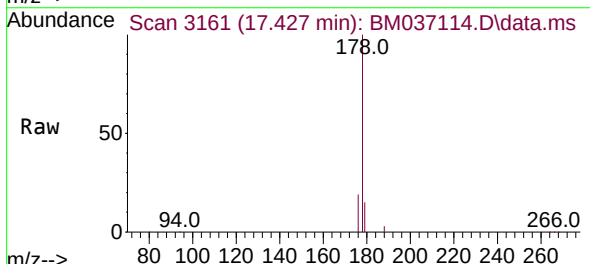
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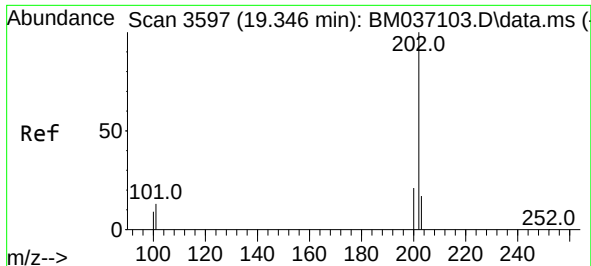
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#16
Anthracene
Concen: 5.277 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

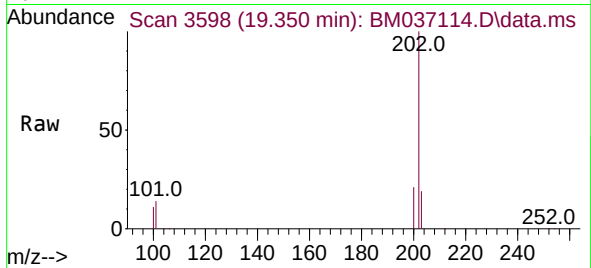
Tgt Ion:178 Resp: 312744
Ion Ratio Lower Upper
178 100
179 15.4 13.6 20.4
176 18.9 15.6 23.4





#19
Fluoranthene
Concen: 51.855 ng/ul
RT: 19.350 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

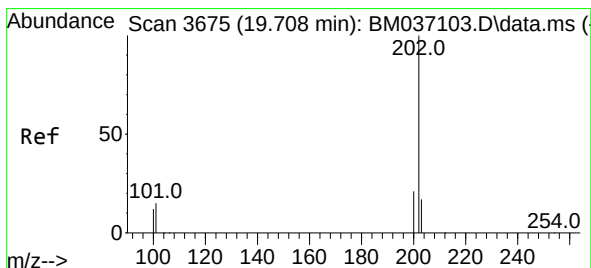
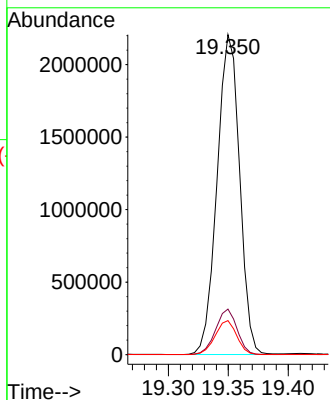
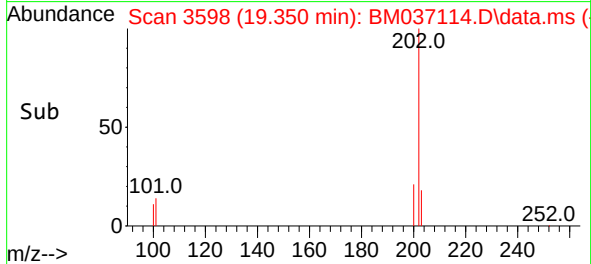
Instrument :
BNA_M
ClientSampleId :
BGNB7



Tgt Ion:202 Resp: 2883595
Ion Ratio Lower Upper
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101 14.2 10.1 15.1
100 10.6 7.9 11.9

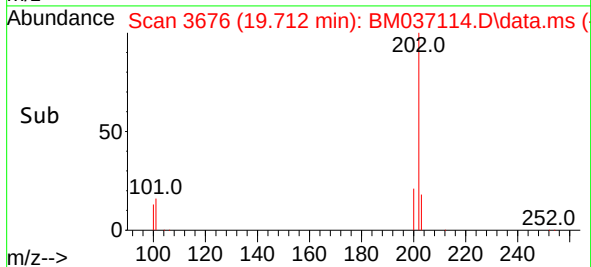
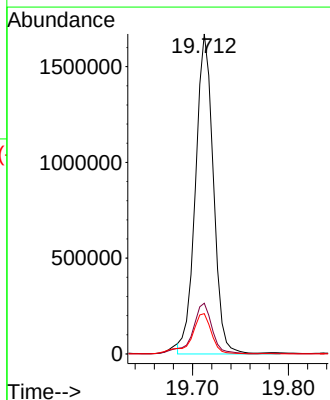
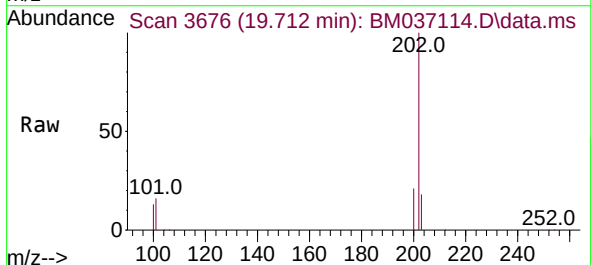
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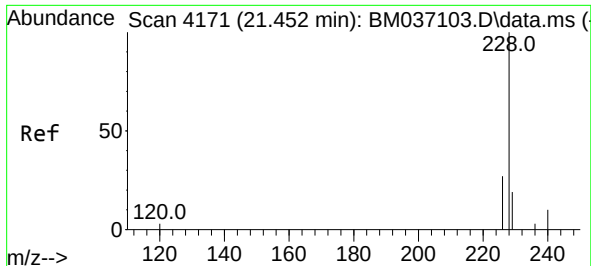
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#20
Pyrene
Concen: 37.407 ng/ul m
RT: 19.712 min Scan# 3676
Delta R.T. 0.005 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

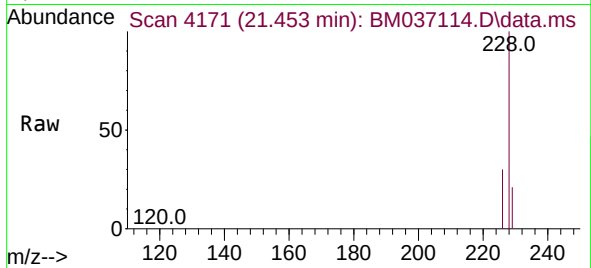
Tgt Ion:202 Resp: 2169273
Ion Ratio Lower Upper
202 100
101 15.8 12.0 18.0
100 12.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 20.610 ng/ul
RT: 21.453 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

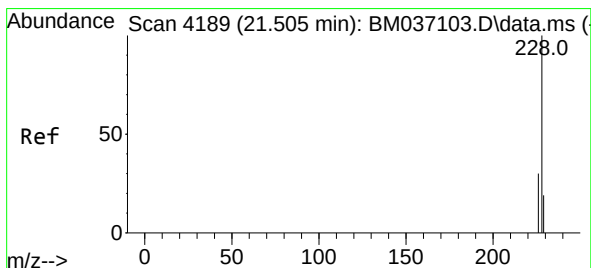
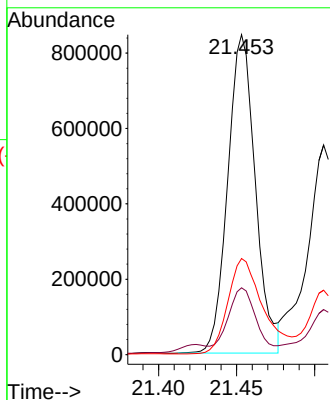
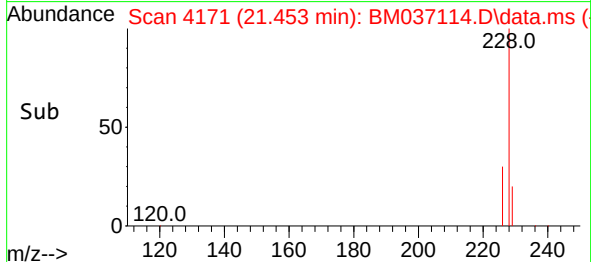
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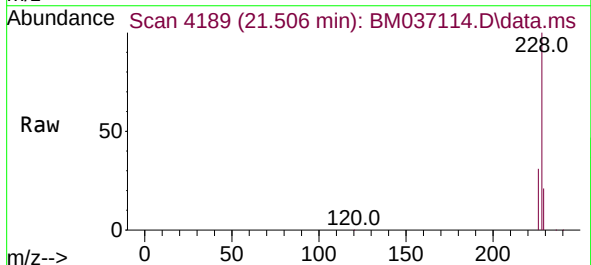
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Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 30.0 22.5 33.7

Manual Integrations
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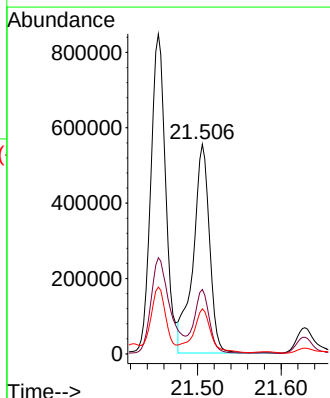
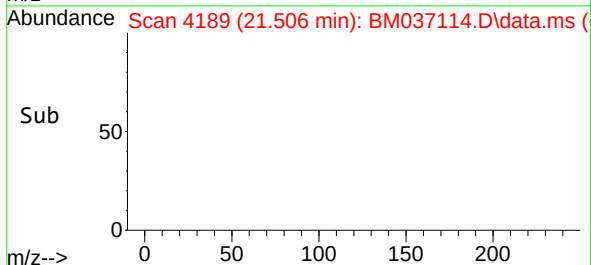
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

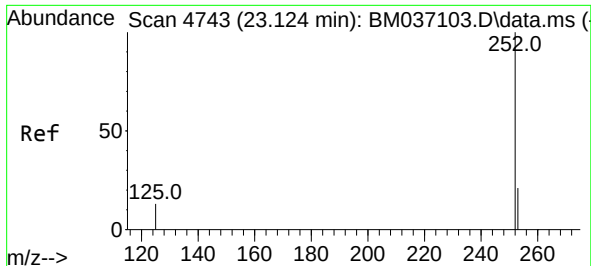


#22
Chrysene
Concen: 13.907 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. 0.003 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51



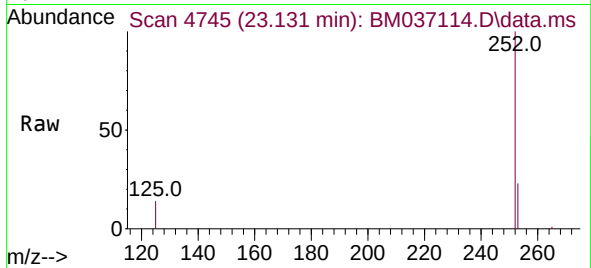
Tgt Ion:228 Resp: 754214
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 21.5 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 17.992 ng/ul
RT: 23.131 min Scan# 4743
Delta R.T. 0.009 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

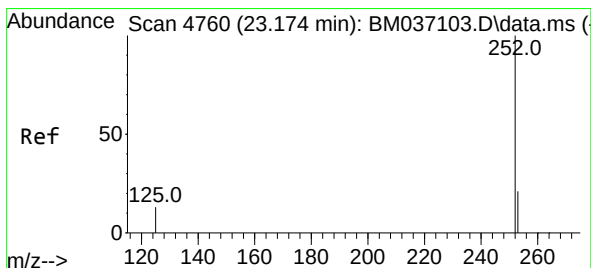
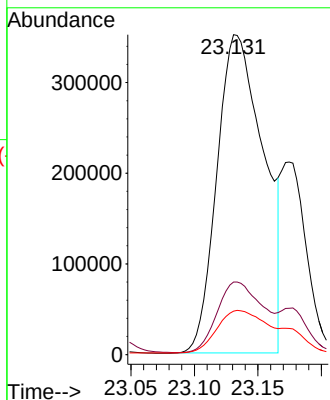
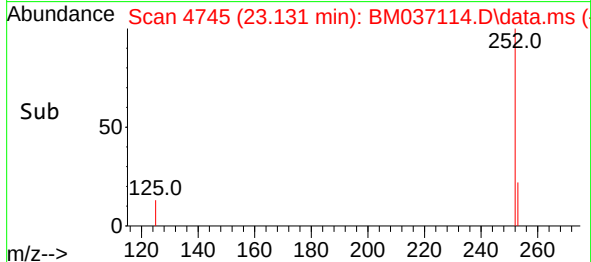
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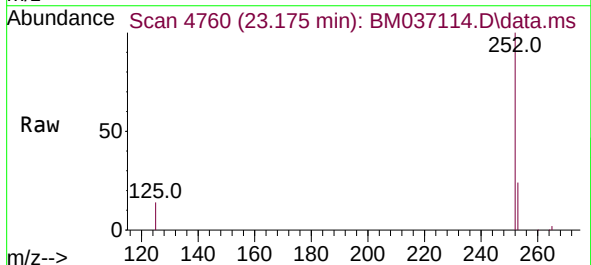
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Ion Ratio Lower Upper
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253 22.7 0.0 61.4
125 13.6 0.0 42.6

Manual Integrations
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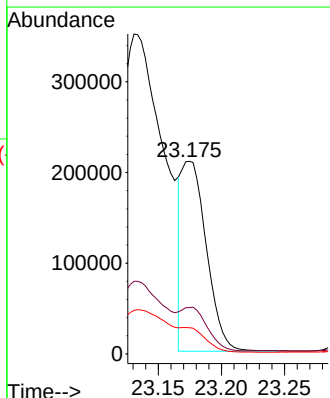
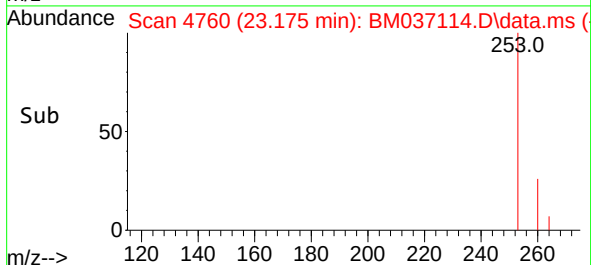
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

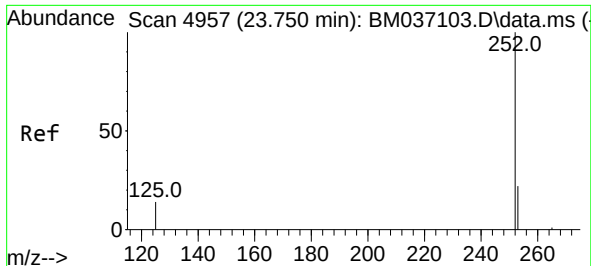


#25
Benzo(k)fluoranthene
Concen: 5.908 ng/ul m
RT: 23.175 min Scan# 4760
Delta R.T. 0.006 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51



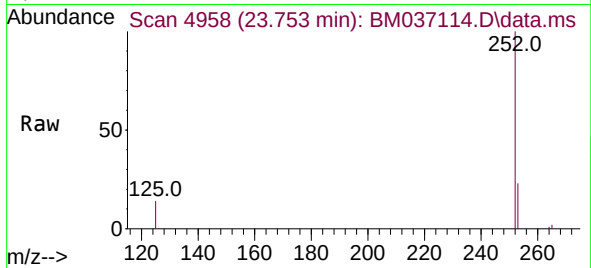
Tgt Ion:252 Resp: 287436
Ion Ratio Lower Upper
252 100
253 24.1 25.2 37.8#
125 13.6 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 16.917 ng/ul
RT: 23.753 min Scan# 4957
Delta R.T. 0.009 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

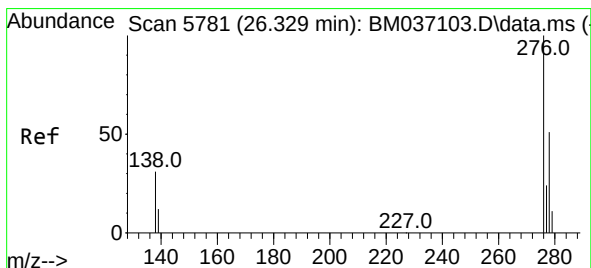
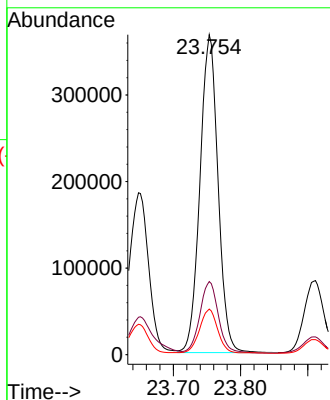
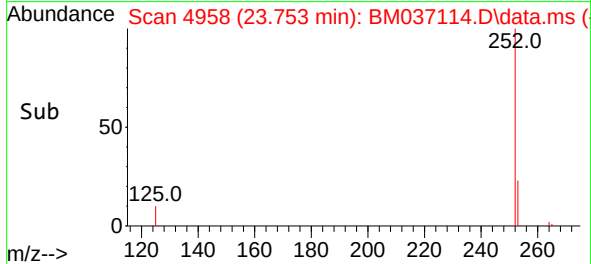
Instrument :
BNA_M
ClientSampleId :
BGNB7



Tgt Ion:252 Resp: 685353
Ion Ratio Lower Upper
252 100
253 22.8 29.7 44.5
125 14.2 23.6 35.4

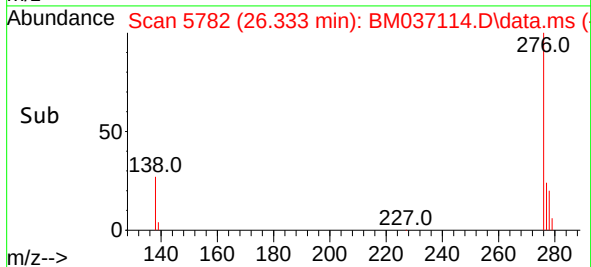
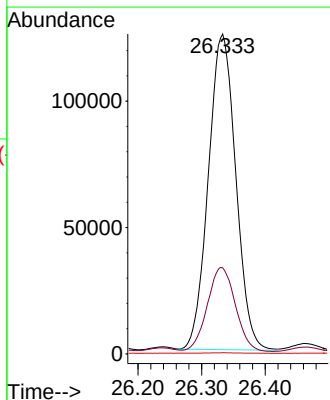
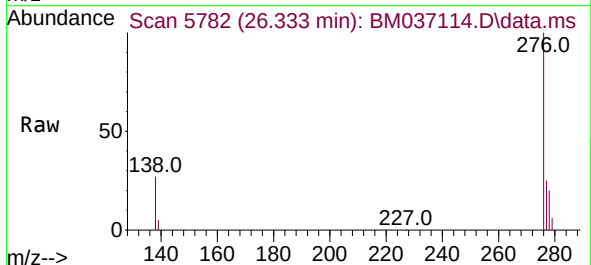
Manual Integrations
APPROVED

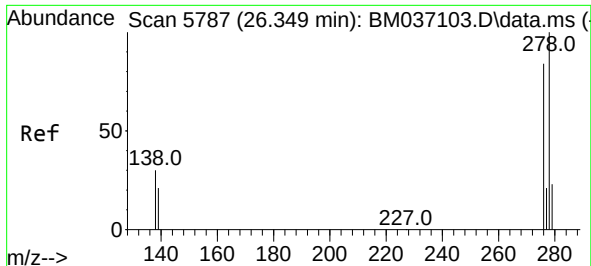
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.519 ng/ul
RT: 26.333 min Scan# 5782
Delta R.T. 0.007 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

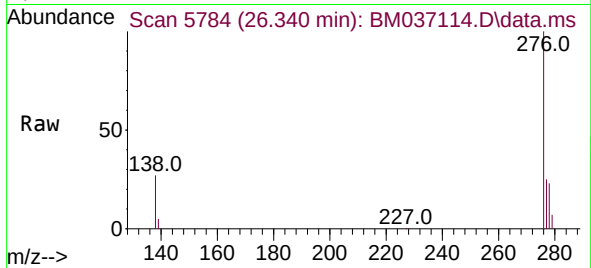
Tgt Ion:276 Resp: 374096
Ion Ratio Lower Upper
276 100
138 27.1 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 2.070 ng/ul
RT: 26.340 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51

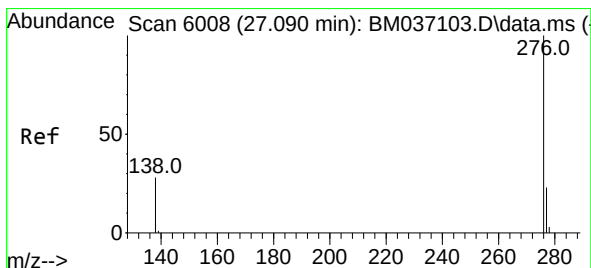
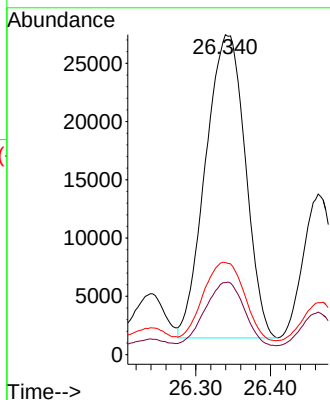
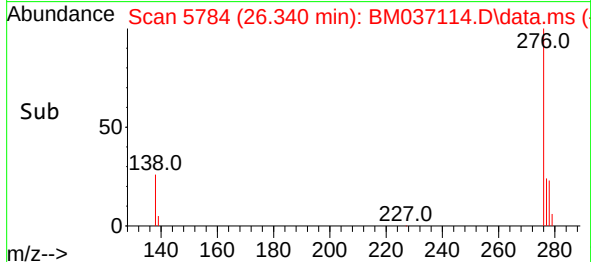
Instrument :
BNA_M
ClientSampleId :
BGNB7



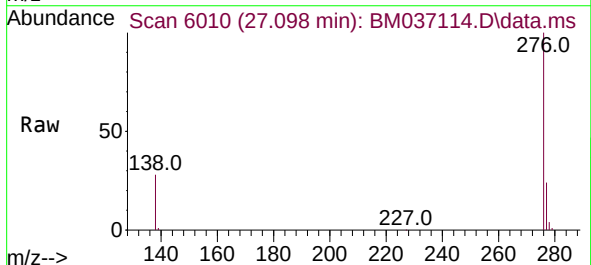
Tgt Ion:278 Resp: 96015
Ion Ratio Lower Upper
278 100
139 22.5 19.8 29.6
279 28.8 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#29
Benzo(g,h,i)perylene
Concen: 5.238 ng/ul
RT: 27.098 min Scan# 6010
Delta R.T. 0.010 min
Lab File: BM037114.D
Acq: 17 Oct 2022 15:51



Tgt Ion:276 Resp: 264904
Ion Ratio Lower Upper
276 100
138 27.6 23.4 35.0
277 24.1 21.0 31.4

