

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037129.D
 Acq On : 18 Oct 2022 01:20
 Operator : CG/JU
 Sample : N4984-07DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNB4DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 02:20:04 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	7.921	152	5201	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	19024	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	9990	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.289	188	19139	0.400	ng/ul	0.00
17) Chrysene-d12	21.464	240	11933	0.400	ng/ul	0.00
23) Perylene-d12	23.849	264	9392	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	7185	0.980	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	1670	0.058	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	2986	0.084	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.776	128	11333	0.208	ng/ul	98
7) 2-Methylnaphthalene	12.382	142	3954	0.119	ng/ul	91
8) 1-Methylnaphthalene	12.602	142	3138	0.093	ng/ul	99
10) Acenaphthylene	14.275	152	2058	0.050	ng/ul#	85
11) Acenaphthene	14.613	153	15727	0.436	ng/ul	100
12) Fluorene	15.598	166	13286	0.325	ng/ul	98
15) Phenanthrene	17.331	178	233192	3.817	ng/ul	99
16) Anthracene	17.424	178	29340	0.575	ng/ul	99
19) Fluoranthene	19.341	202	257276	5.421	ng/ul	98
20) Pyrene	19.704	202	214589m	4.335	ng/ul	
21) Benzo(a)anthracene	21.446	228	87383	2.027	ng/ul	100
22) Chrysene	21.499	228	85297	1.843	ng/ul	98
24) Benzo(b)fluoranthene	23.121	252	100579	2.397	ng/ul	88
25) Benzo(k)fluoranthene	23.165	252	30253m	0.740	ng/ul	
26) Benzo(a)pyrene	23.741	252	68858	2.023	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.315	276	42441	0.880	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.329	278	9764	0.251	ng/ul	95
29) Benzo(g,h,i)perylene	27.080	276	32919	0.775	ng/ul	98

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

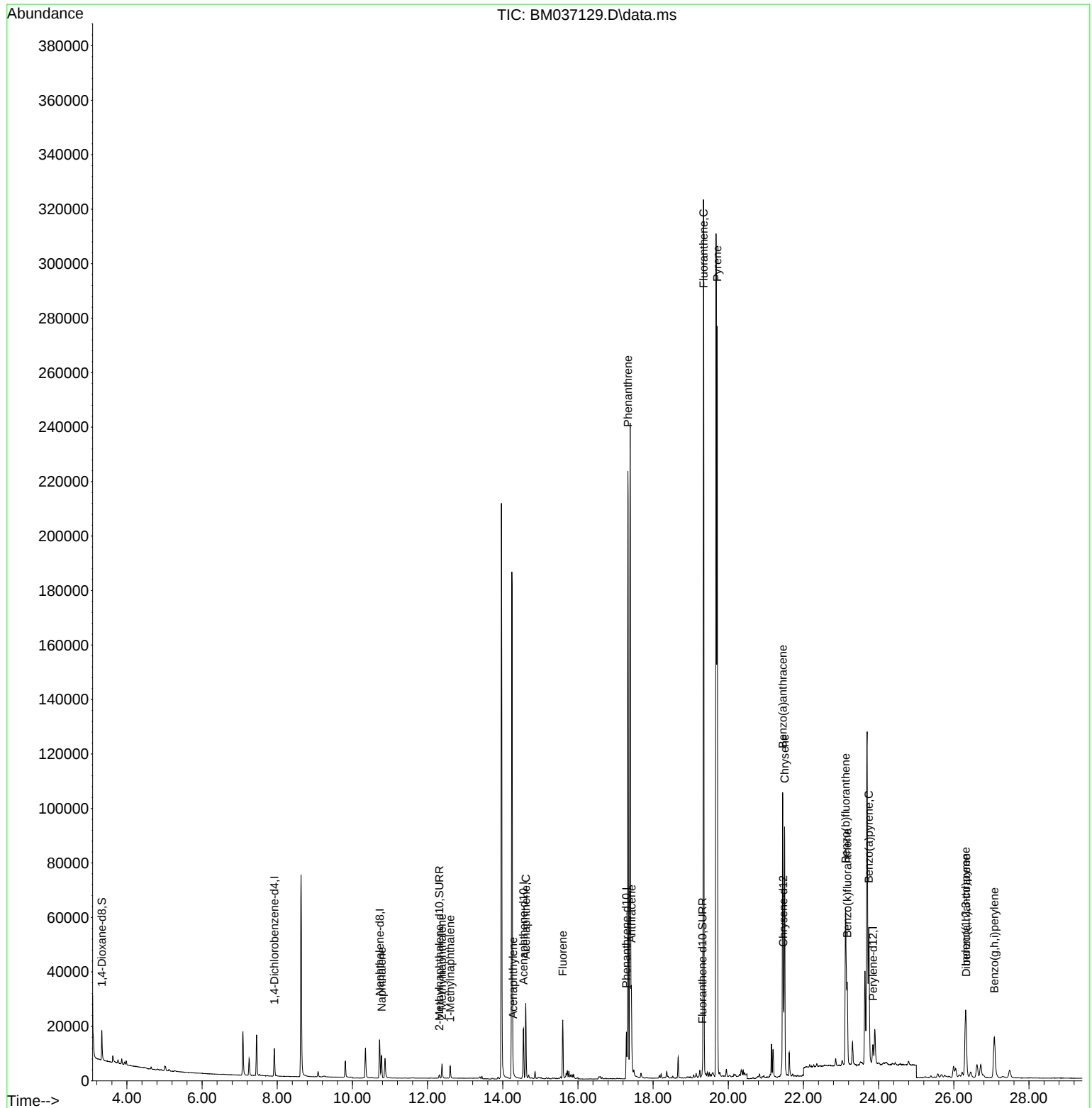
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037129.D
Acq On : 18 Oct 2022 01:20
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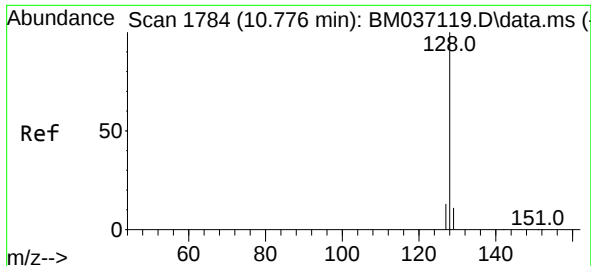
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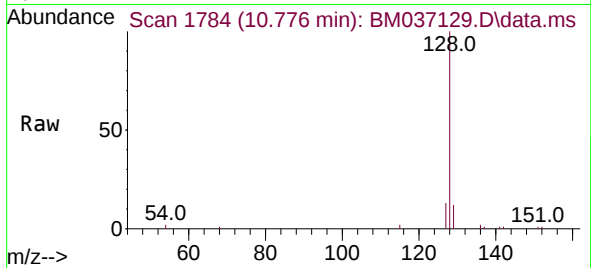
Quant Time: Oct 18 02:20:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.208 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

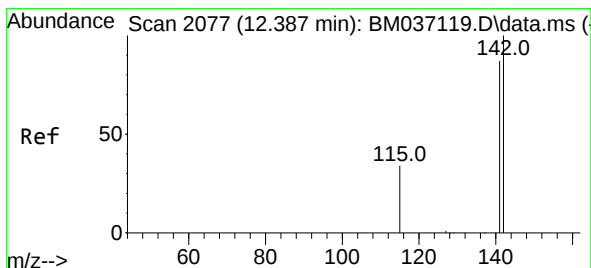
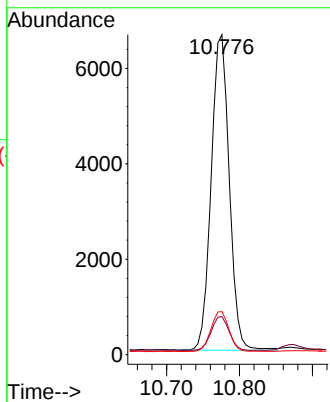
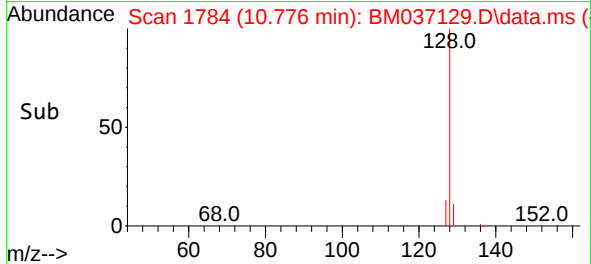
Instrument :
BNA_M
ClientSampleId :
BGNB4DL



Tgt Ion:128 Resp: 11333
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 13.4 11.7 17.5

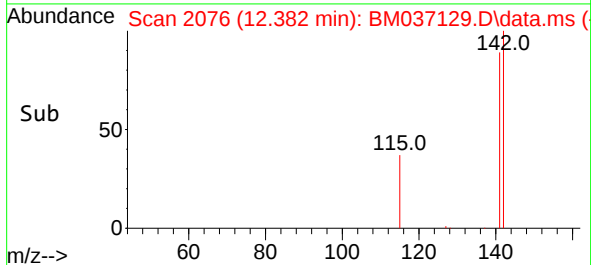
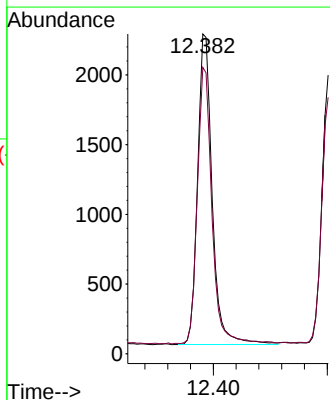
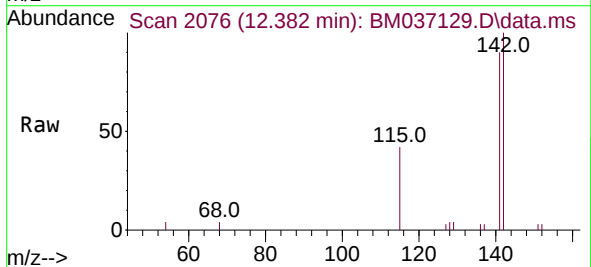
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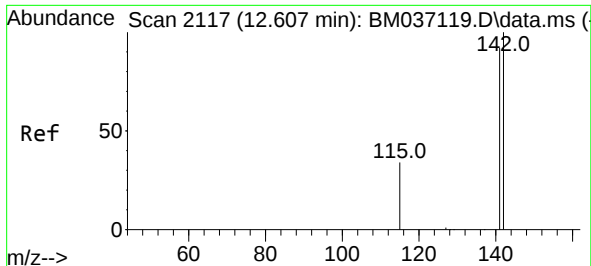
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#7
2-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.011 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

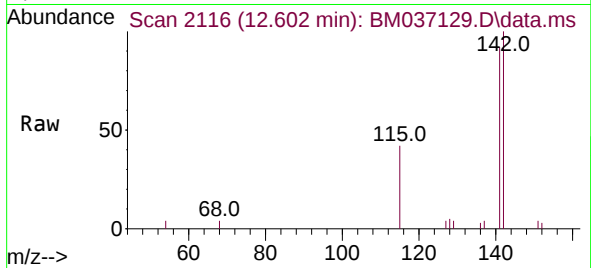
Tgt Ion:142 Resp: 3954
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.602 min Scan# 2117
Delta R.T. -0.005 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

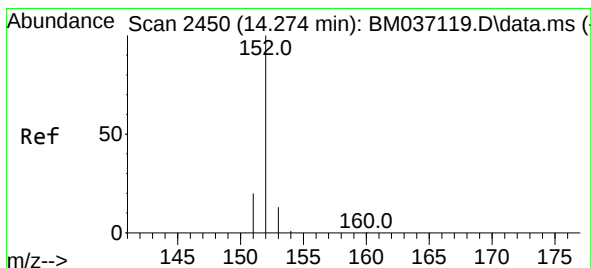
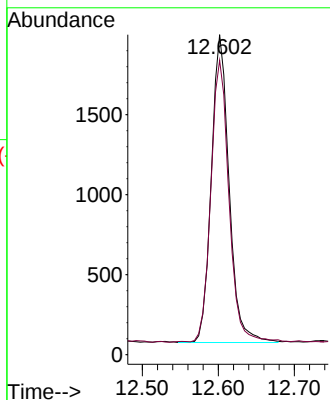
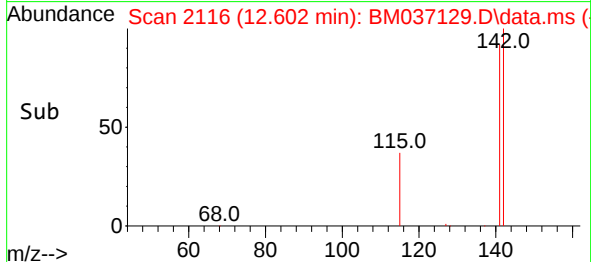
Instrument :
BNA_M
ClientSampleId :
BGNB4DL



Tgt Ion:142 Resp: 3138
Ion Ratio Lower Upper
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141 93.2 74.1 111.1

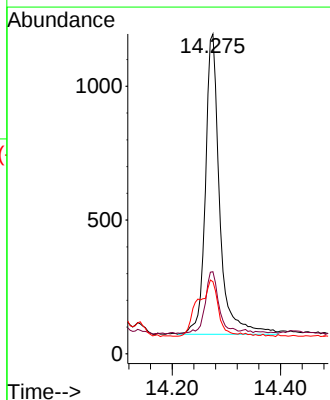
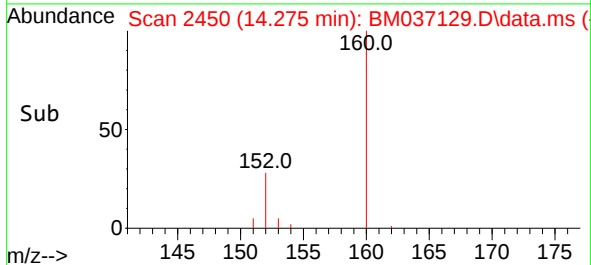
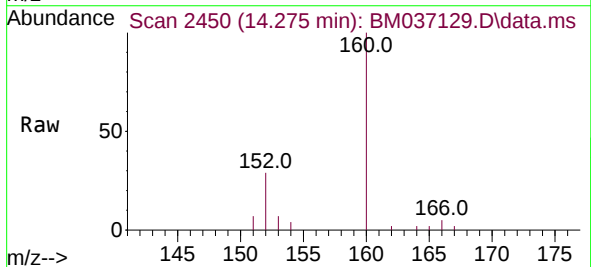
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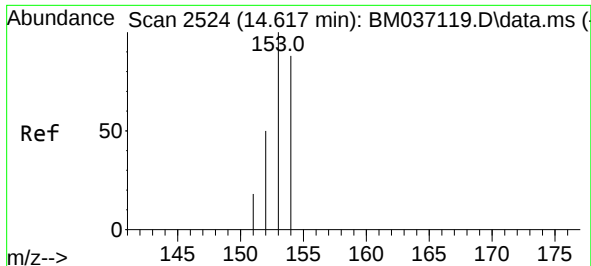
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

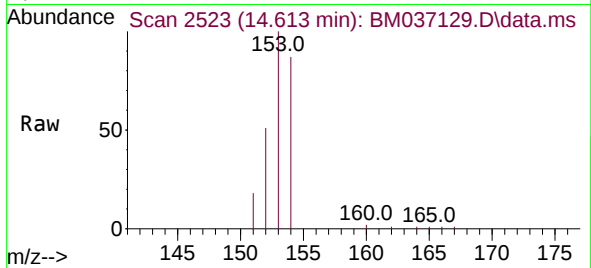
Tgt Ion:152 Resp: 2058
Ion Ratio Lower Upper
152 100
151 25.7 16.6 24.8#
153 22.6 11.4 17.0#





#11
Acenaphthene
Concen: 0.436 ng/uI
RT: 14.613 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

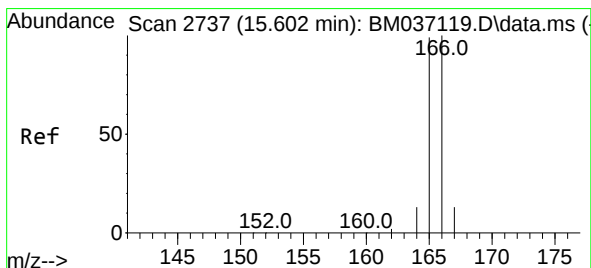
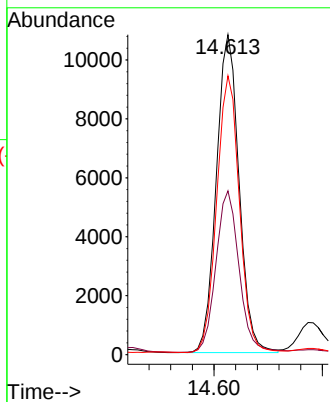
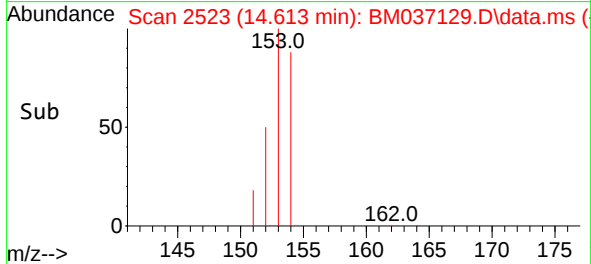
Instrument :
BNA_M
ClientSampleId :
BGNB4DL



Tgt Ion:153 Resp: 1572
Ion Ratio Lower Upper
153 100
152 51.2 40.2 60.4
154 87.1 69.7 104.5

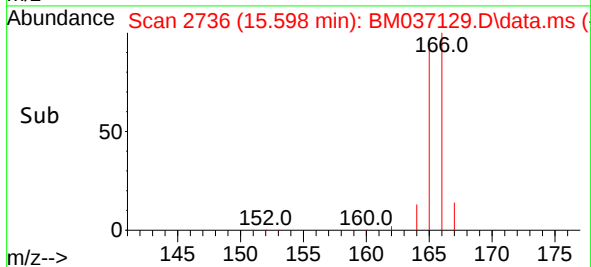
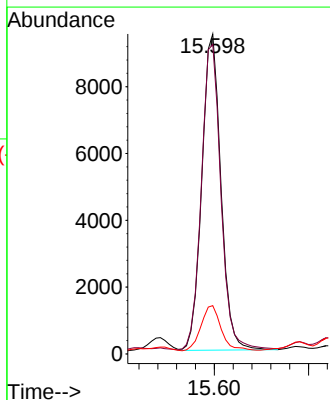
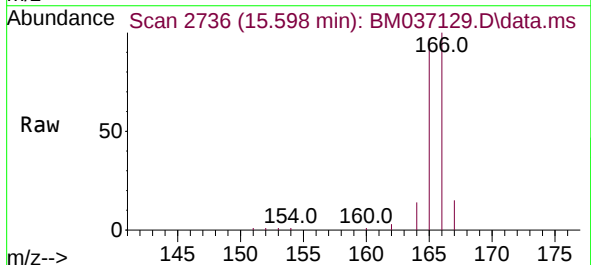
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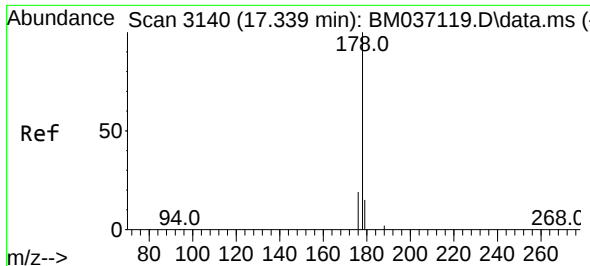
Reviewed By :Jagrut Upadhyay 10/18/2022
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#12
Fluorene
Concen: 0.325 ng/uI
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

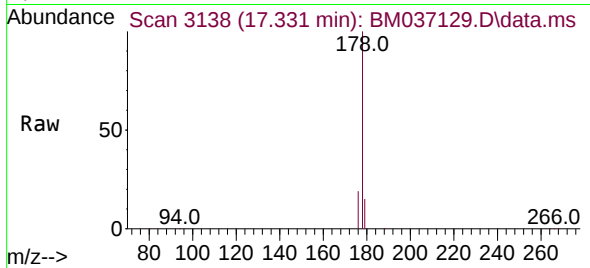
Tgt Ion:166 Resp: 13286
Ion Ratio Lower Upper
166 100
165 96.7 78.9 118.3
167 15.1 11.3 16.9





#15
Phenanthrene
Concen: 3.817 ng/ul
RT: 17.331 min Scan# 3140
Delta R.T. -0.008 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

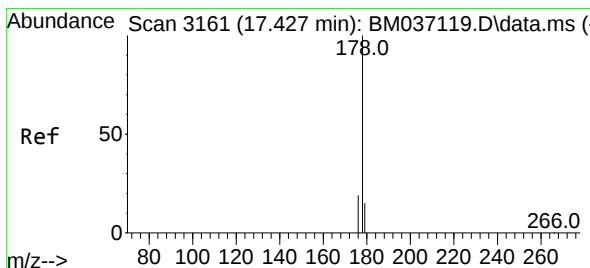
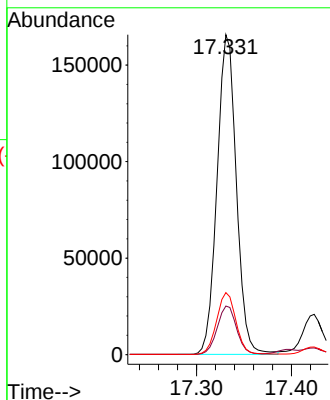
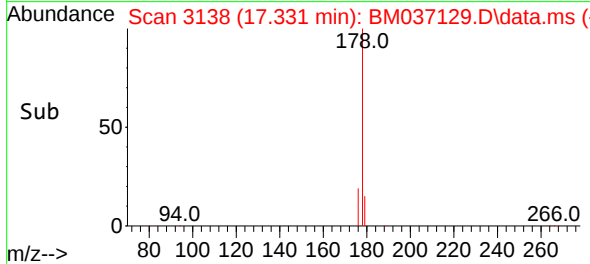
Instrument :
BNA_M
ClientSampleId :
BGNB4DL



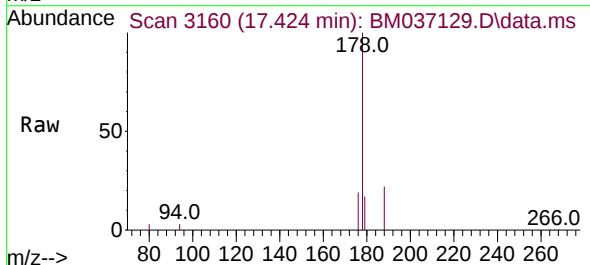
Tgt Ion:178 Resp: 233192
Ion Ratio Lower Upper
178 100
179 15.2 13.0 19.6
176 19.4 15.6 23.4

Manual Integrations
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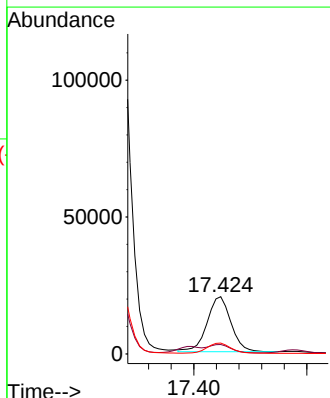
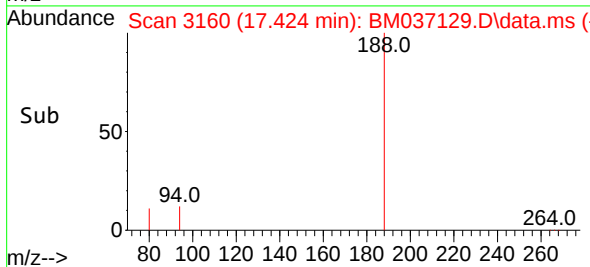
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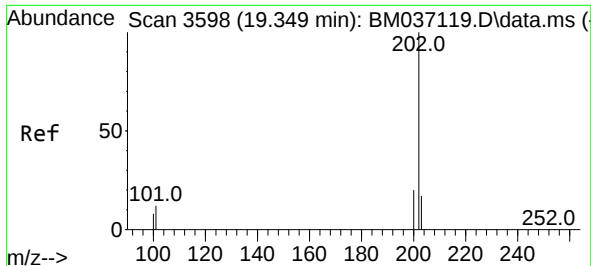


#16
Anthracene
Concen: 0.575 ng/ul
RT: 17.424 min Scan# 3160
Delta R.T. -0.008 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20



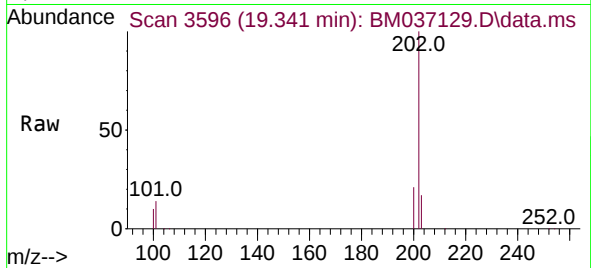
Tgt Ion:178 Resp: 29340
Ion Ratio Lower Upper
178 100
179 16.5 13.6 20.4
176 18.9 15.6 23.4





#19
Fluoranthene
Concen: 5.421 ng/ul
RT: 19.341 min Scan# 3596
Delta R.T. -0.008 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

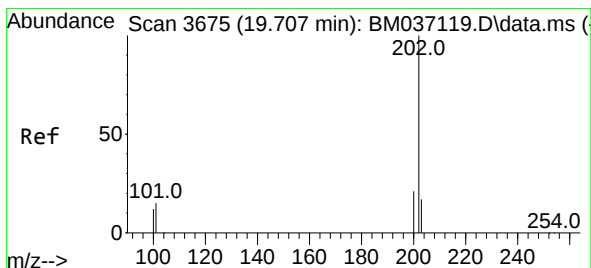
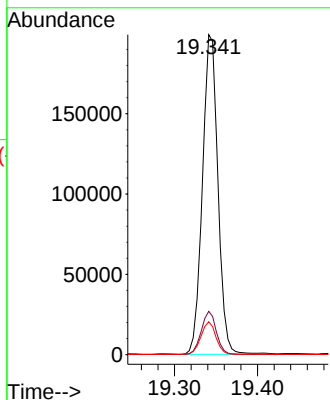
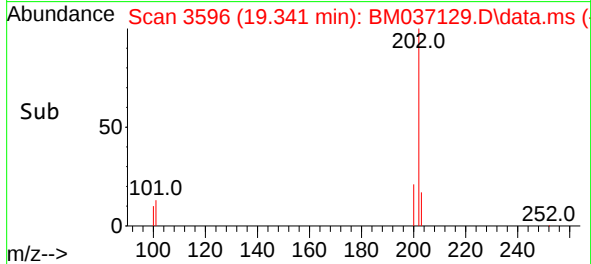
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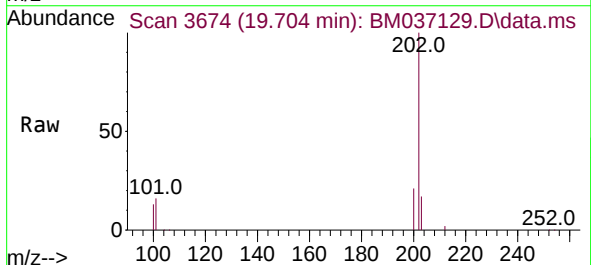
Tgt Ion:202 Resp: 257276
Ion Ratio Lower Upper
202 100
101 13.5 10.1 15.1
100 10.3 7.9 11.9

Manual Integrations
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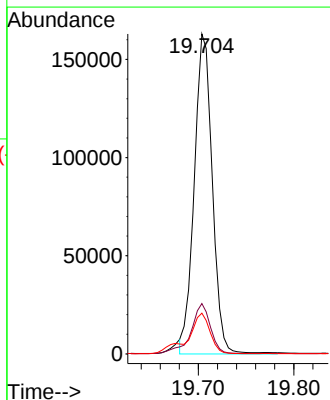
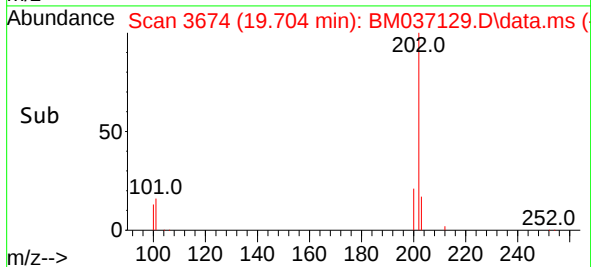
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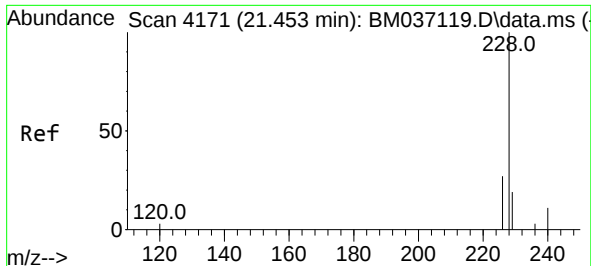


#20
Pyrene
Concen: 4.335 ng/ul m
RT: 19.704 min Scan# 3674
Delta R.T. -0.004 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20



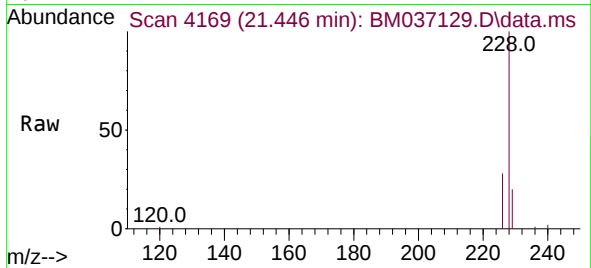
Tgt Ion:202 Resp: 214589
Ion Ratio Lower Upper
202 100
101 15.7 12.0 18.0
100 12.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.027 ng/ul
RT: 21.446 min Scan# 4171
Delta R.T. -0.004 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

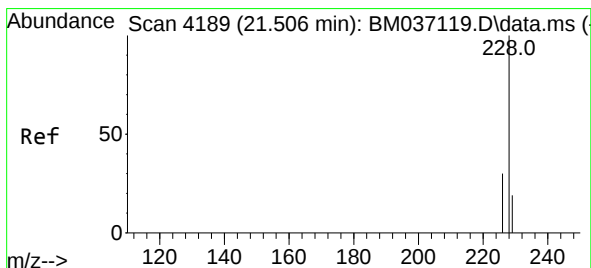
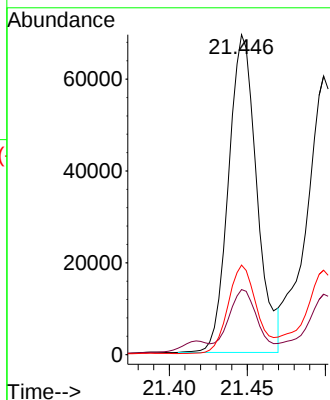
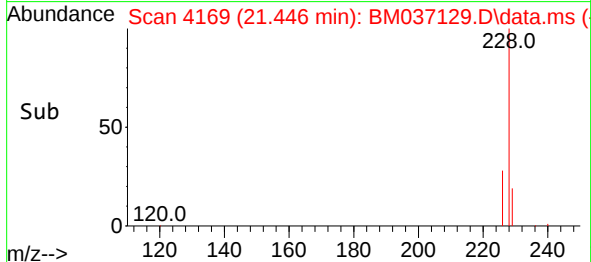
Instrument :
BNA_M
ClientSampleId :
BGNB4DL



Tgt Ion:228 Resp: 87383
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 28.0 22.5 33.7

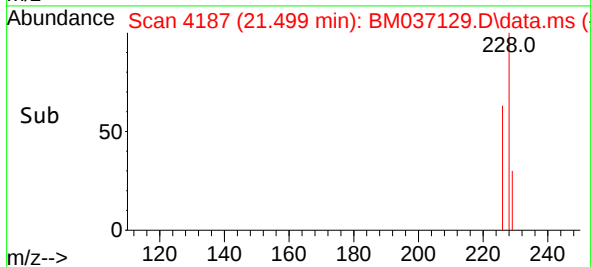
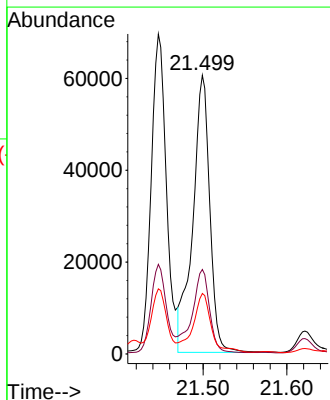
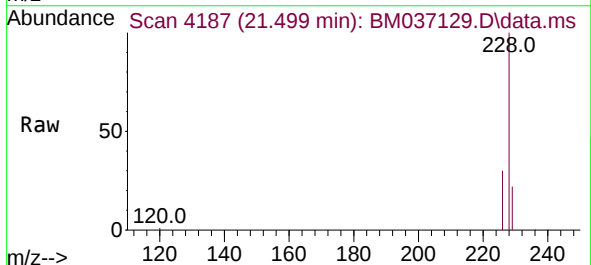
Manual Integrations
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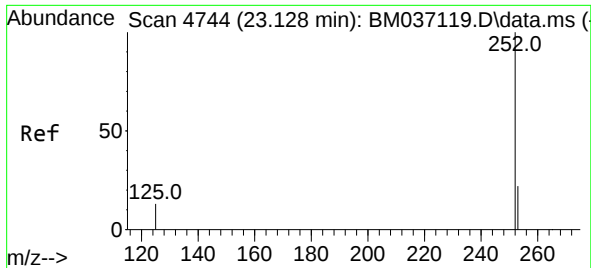
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#22
Chrysene
Concen: 1.843 ng/ul
RT: 21.499 min Scan# 4187
Delta R.T. -0.004 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

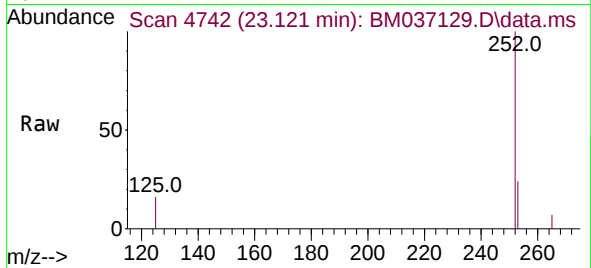
Tgt Ion:228 Resp: 85297
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.397 ng/ul
RT: 23.121 min Scan# 4742
Delta R.T. -0.001 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

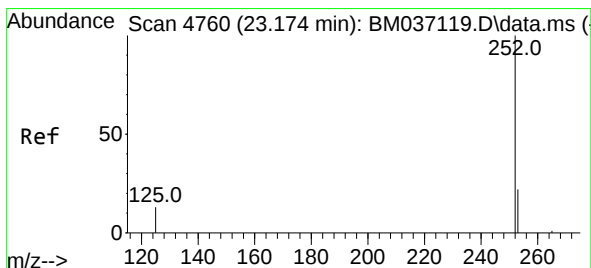
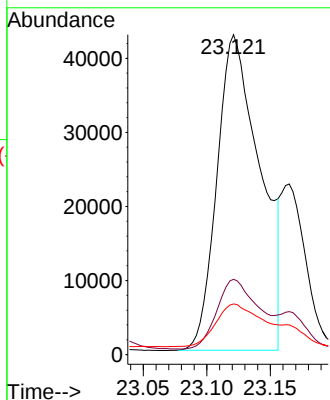
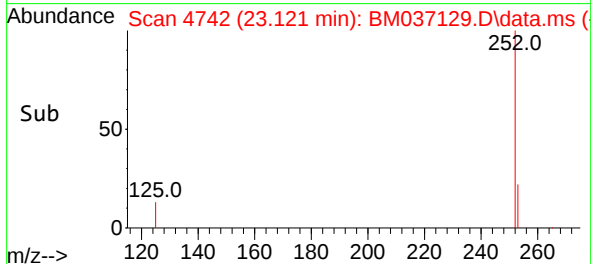
Instrument :
BNA_M
ClientSampleId :
BGNB4DL



Tgt Ion:252 Resp: 100579
Ion Ratio Lower Upper
252 100
253 23.5 0.0 61.4
125 15.8 0.0 42.6

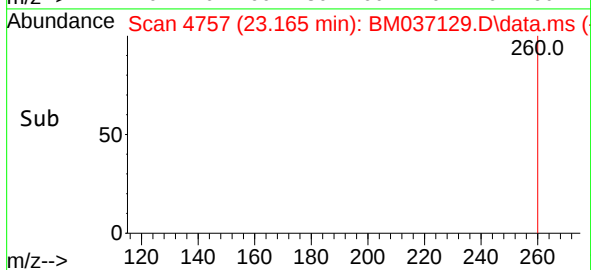
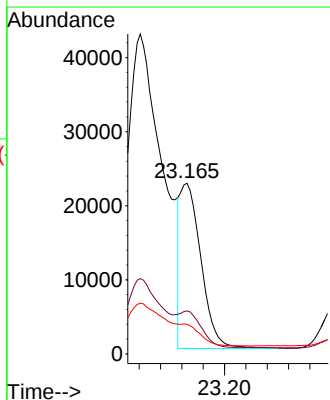
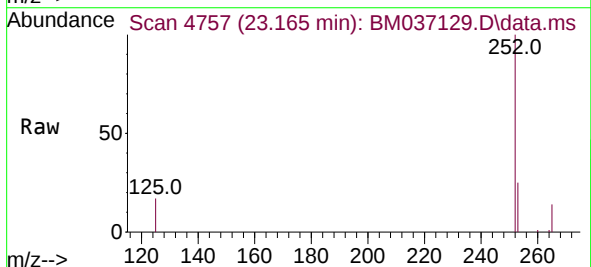
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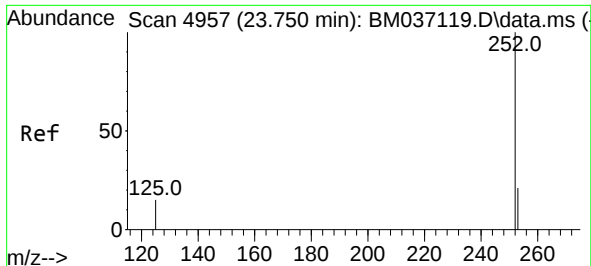
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#25
Benzo(k)fluoranthene
Concen: 0.740 ng/ul m
RT: 23.165 min Scan# 4757
Delta R.T. -0.004 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

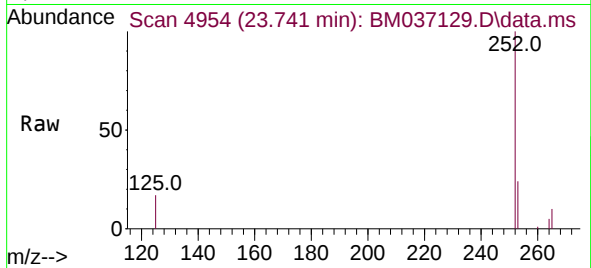
Tgt Ion:252 Resp: 30253
Ion Ratio Lower Upper
252 100
253 25.2 25.2 37.8#
125 17.4 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 2.023 ng/ul
RT: 23.741 min Scan# 4957
Delta R.T. -0.004 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

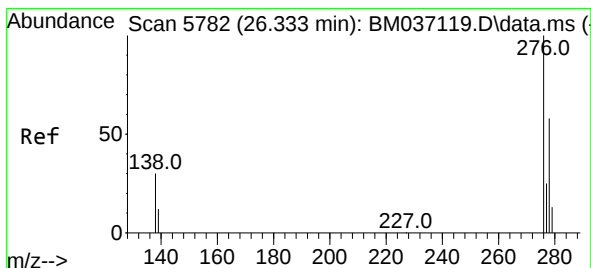
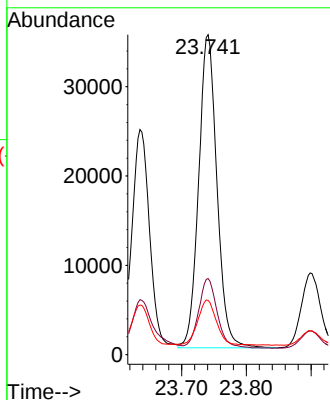
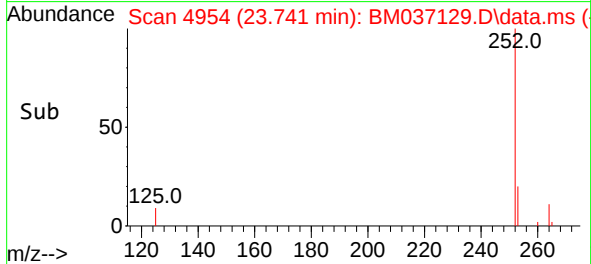
Instrument :
BNA_M
ClientSampleId :
BGNB4DL



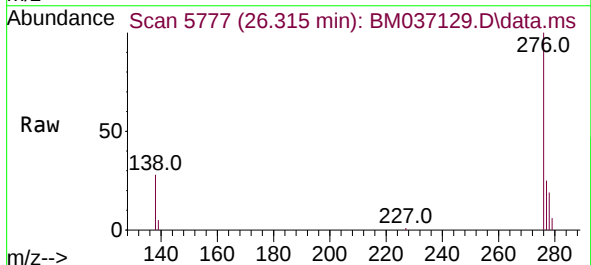
Tgt Ion:252 Resp: 68858
Ion Ratio Lower Upper
252 100
253 23.8 29.7 44.5
125 17.0 23.6 35.4

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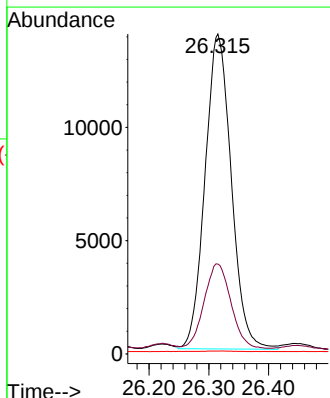
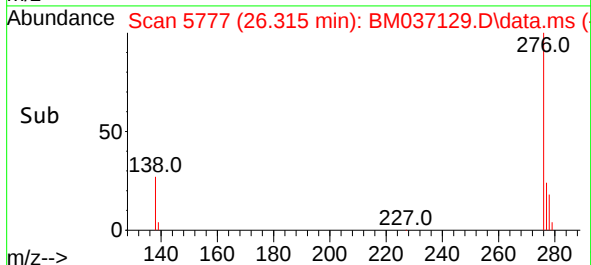
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

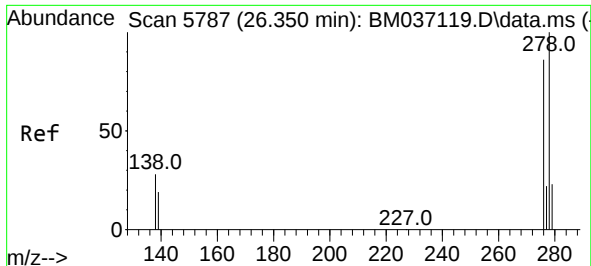


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.880 ng/ul
RT: 26.315 min Scan# 5777
Delta R.T. -0.011 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20



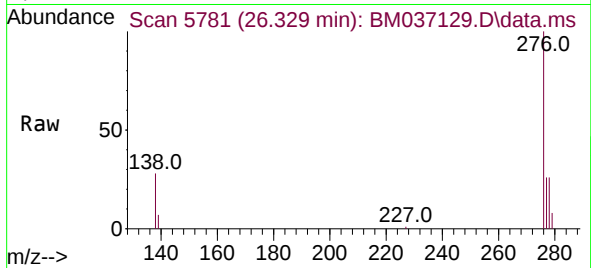
Tgt Ion:276 Resp: 42441
Ion Ratio Lower Upper
276 100
138 27.4 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.251 ng/ul
RT: 26.329 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

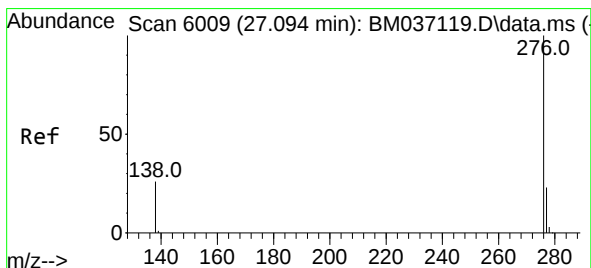
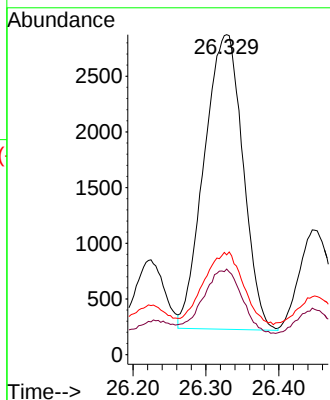
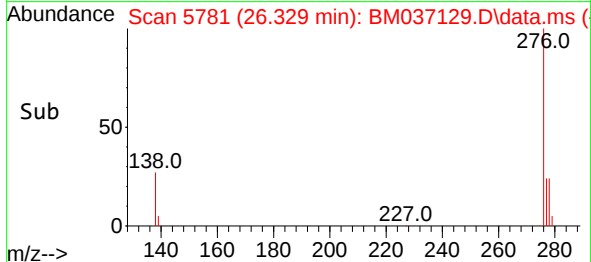
Instrument :
BNA_M
ClientSampleId :
BGNB4DL



Tgt Ion:278 Resp: 9764
Ion Ratio Lower Upper
278 100
139 26.7 19.8 29.6
279 31.2 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: 0.775 ng/ul
RT: 27.080 min Scan# 6005
Delta R.T. -0.008 min
Lab File: BM037129.D
Acq: 18 Oct 2022 01:20

Tgt Ion:276 Resp: 32919
Ion Ratio Lower Upper
276 100
138 29.6 23.4 35.0
277 24.6 21.0 31.4

